

ROCKDALE WATER RESOURCES OVERVIEW



Rockdale Water Resources



Quality



Dependability



Exceptional Service



Our Vision. Our Mission. Our Values.



V I S I O N

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.



M I S S I O N

Remain perfectly positioned to provide the ultimate natural resourceWATER.



V A L U E S

Quality, Dependability & Exceptional Service



Rockdale Water Resources

System at a Glance



Rockdale Water Resources (RWR) was established in **1995** and provides essential water and wastewater services to **~99,000** Rockdale County residents.



Water Source

Randy Poynter Lake – Primary Water Supply



650

acres of
surface area



5.1

billion gallons
of storage



25

foot depth



• Big Haynes Creek

• Little Haynes Creek



Rockdale Water Resources

System at a Glance (Cont.)



Rockdale Water Resources



Water Distribution System



1

Water Treatment Plant
(Gees Mill)



679.4

miles of water
distribution lines



7

water storage tanks



5,714

fire hydrants



5,189

valves



Wastewater System



5

Wastewater Treatment
Plants



269.2

miles of gravity
sewer



27.54

miles of sewer
force main



7,543

manholes



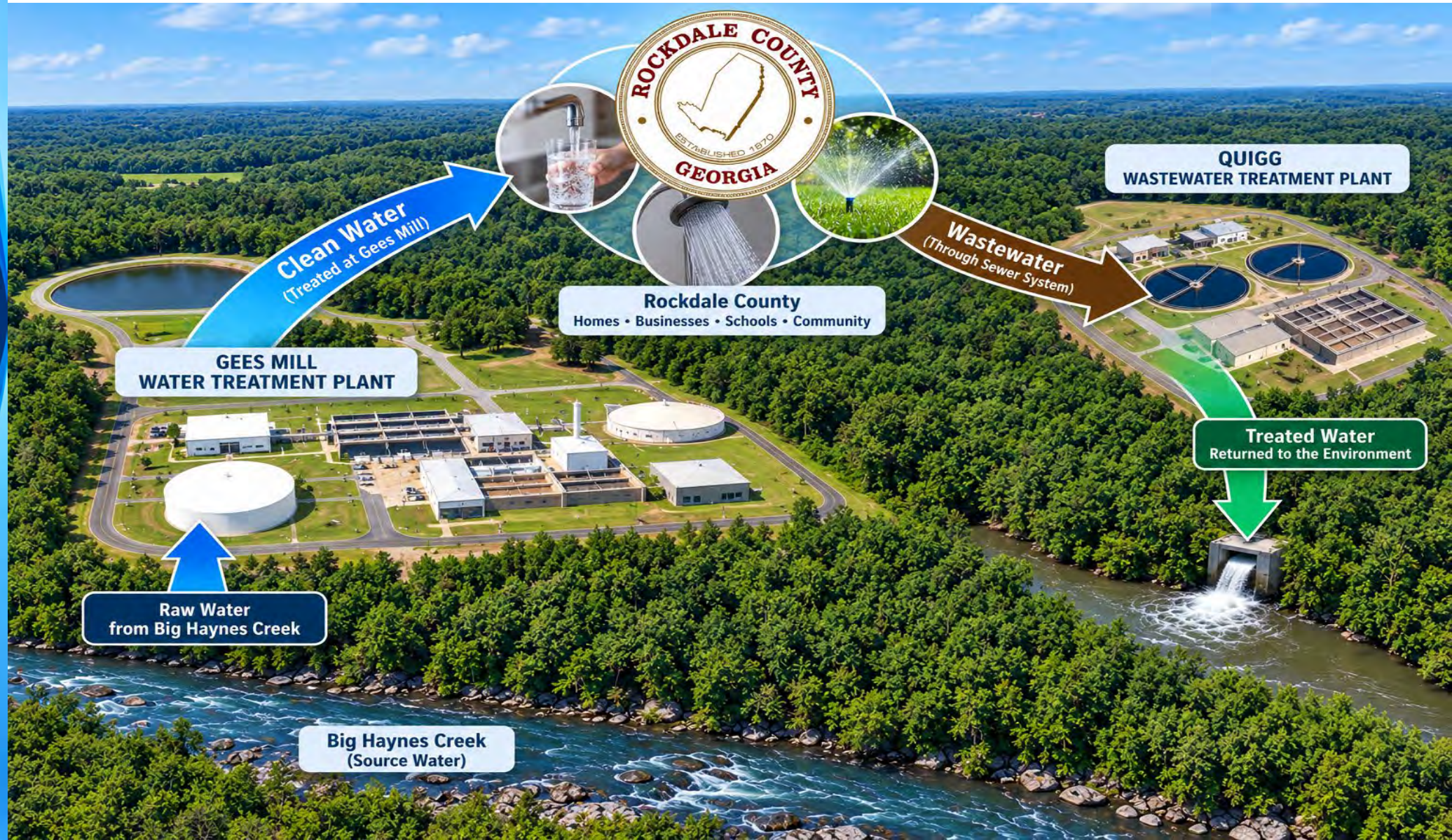
36

pump stations

Source → Service



Rockdale Water Resources



Executive Leadership



Rockdale Water Resources



DIRECTOR

Kimbry Peek, Sr.



DEPUTY DIRECTOR

Vaughn Jamison, I



GM INFRASTRUCTURE

Richard Davis, Jr.



GM CUSTOMER CARE &
BUSINESS AFFAIRS

Denita Burton

Administration

Water Resources Administration provides executive leadership and oversight of the day-to-day operations of Rockdale Water Resources, ensuring Water and Wastewater services are effectively coordinated and aligned with County priorities.

EXECUTIVE OVERSIGHT

Directs department-wide operations, establishes priorities, and coordinates Water, Wastewater, and administrative functions.

PROJECT MANAGEMENT

Leads major departmental initiatives from planning and coordination through execution, monitoring, and completion.

BUSINESS ADMINISTRATION

Oversees administrative processes, contracts, procurement coordination, records, and internal business operations.

STRATEGY & PERFORMANCE

Directs organizational planning, departmental goals, policies, performance expectations, and service priorities.

WORKFORCE & ORGANIZATION

Coordinates staffing strategies, employee development, succession planning, and organizational effectiveness.

GOVERNANCE & POLICY

Ensures alignment with County policies, Board priorities, departmental objectives, and executive direction.

**CROSS-FUNCTIONAL
LEADERSHIP**

Leads special initiatives that strengthen operational efficiency, accountability, customer service, and overall department performance.



Rockdale Water Resources

Finance & Strategic Services

Water Resources Finance & Strategic Services provides financial, strategic, compliance, and operational support to advance Rockdale Water Resources' priorities and long-term sustainability. The division:

CAPITAL IMPROVEMENT PROGRAM (CIP)

Manages the Capital Improvement Program (CIP), including project prioritization, funding, and progress tracking.

BUDGETING & FINANCIAL PLANNING

Develops and manages operating and capital budgets and supports long-range financial planning.

BUSINESS INTELLIGENCE & ANALYTICS

Provides business intelligence, financial & business analytics, dashboards, and executive reporting to support data-driven decisions.

SEWER REHABILITATION (SEWER REHAB)

Leads Sewer Rehabilitation (Sewer Rehab), including system assessment, cleaning, CCTV inspections, rehabilitation & emergency response.

CONTRACTOR COORDINATION

Coordinates contractor support for specialized operational, maintenance, and rehabilitation activities.

COMPLIANCE

Leads departmental Compliance, including regulatory coordination, reporting, inspections, and corrective actions.

STRATEGIC INITIATIVES

Supports strategic initiatives and special projects through project management, performance tracking, and cross-functional coordination.



Rockdale Water Resources

Infrastructure

Water Infrastructure oversees the daily operation, maintenance, repair, and reliability of Rockdale County's water distribution and sanitary sewer infrastructure. The division:

FIELD OPERATIONS

Manages Water and Sanitary Sewer field operations, including maintenance, repairs, emergency response, and system reliability.

SYSTEM MAINTENANCE

Maintains distribution and collection systems through preventive maintenance, field assessments, and system improvements.

**FIELD PLANNING &
COORDINATION**

Plans and coordinates field activities, including complex and hazardous work sites.

PROJECT COORDINATION

Coordinates infrastructure projects with internal teams, utilities, developers, contractors, and external partners.

**STANDARDS &
COMPLIANCE**

Ensures developer and contractor work meets RWR standards and infrastructure requirements.

**SUSTAINABILITY &
PERFORMANCE**

Supports system sustainability and performance, including service reliability, water-loss reduction, and infrastructure integrity.

**CONTRACT OPERATIONS &
SUPPORT**

Oversees contract operations for wastewater treatment, lift stations, system maintenance, and sludge disposal.



Rockdale Water Resources

Customer Care & Business Affairs

Customer Care & Business Affairs manages customer-facing services and business functions that support reliable, responsive, and efficient utility service. The division:

CUSTOMER SERVICE OPERATIONS

Manages customer service operations, including inquiries, service requests, complaints, and issue resolution.

UTILITY BILLING & ACCOUNT SERVICES

Oversees utility billing and account services, including account maintenance, billing support, adjustments, and payment-related activities.

SERVICE CONNECTIONS & ACCOUNT CHANGES

Coordinates service connections and account changes for residential, commercial, and development customers.

REVENUE & COLLECTIONS

Administers revenue and collections activities to promote accurate billing, timely payments, and financial accountability.

BUSINESS PROCESSES & ADMINISTRATIVE SUPPORT

Coordinates business processes and administrative support to improve customer experience and operational efficiency.

DATA & CONTINUOUS IMPROVEMENT

Leverages data, analytics, and performance insights to improve customer service, increase responsiveness, and drive continuous improvement across customer-facing operations.



Rockdale Water Resources

General Engineering

General Engineering manages RWR's engineering, system planning, development review, and technical services to ensure reliable and sustainable water and wastewater infrastructure. The division:

SYSTEM PLANNING & CAPITAL INVESTMENTS

Evaluates system and infrastructure needs to recommend improvements, priorities, and capital investments.

DEVELOPMENT REVIEW & COMPLIANCE

Reviews development and contractor activities for compliance with RWR standards and specifications.

ENGINEERING DESIGN & COORDINATION

Provides engineering design and coordination for water and sewer improvements, extensions, and utility relocations.

SYSTEM ANALYSIS & MODELING

Conducts hydraulic modeling, system analysis, and plan review for water distribution and sanitary sewer systems.

GIS & SYSTEM DATA

Manages Utility GIS, mapping, and system data to strengthen infrastructure planning and decision-making.

CONSTRUCTION MANAGEMENT & INSPECTION

Provides construction management and inspection of new infrastructure projects, ensuring quality, compliance, and adherence to approved plans and specifications.

CAPITAL PROJECT COORDINATION

Provides engineering and field coordination for capital projects, ensuring effective integration with existing infrastructure and operations.



Rockdale Water Resources

Water Treatment Plant Capacity



Rockdale Water Resources



22.1 MGD

PERMITTED CAPACITY

10.1 MGD

AVAILABLE CAPACITY

(~46% of permitted capacity)

12.0 MGD

CURRENT DISTRIBUTION

(~54% of permitted capacity)

54%
OF PERMITTED
CAPACITY UTILIZED

Wastewater Treatment Permitted Capacity



Rockdale Water Resources



**TOTAL SYSTEM
PERMITTED CAPACITY**

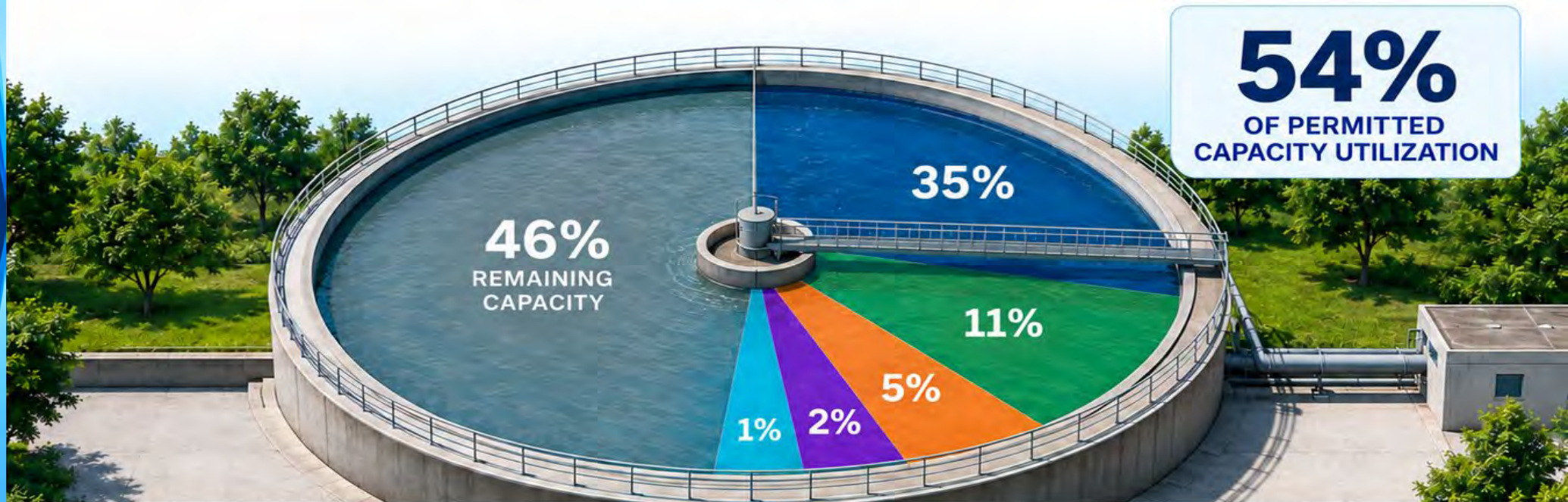
11.77 MGD

Quigg Wastewater Treatment Plant	59%
Snapping Shoals Wastewater Treatment Plant	25%
Almand Branch Wastewater Treatment Plant	11%
Honey Creek Wastewater Treatment Plant	2%
Scott Creek Wastewater Treatment Plant	2%

Wastewater Treatment Remaining Capacity



Rockdale Water Resources



35%

Quigg
Wastewater
Treatment Plant



11%

Snapping Shoals
Wastewater
Treatment Plant



5%

Almand Branch
Wastewater
Treatment Plant



2%

Honey Creek
Wastewater
Treatment Plant



1%

Scott Creek
Wastewater
Treatment Plant



46%
Remaining
Capacity

- Average of 6.4 MGD is being treated at our facilities
- 5.37 MGD of capacity available for treatment

Successes, Opportunities & Challenges



Rockdale Water Resources

SUCCESSES



**19th Consecutive
Platinum Award
(Gees Mill WTP)**



**Launched New Online
Portal (SilverBlaze) –
Leak Detection and
Process Automation**



**Platinum Awards for
the five Wastewater
Treatment Facilities**



**2025 Consumer
Confidence Report
confirming no
contaminations or
violations in our
drinking water**



**Implemented New
Warehouse Inventory
and Asset
Management
Technology (Sortly)**



**Launched Daupler
technology (Response
Management System)**



**ISI/Water Company of
America – Audit of all
water/sewer accounts/
field assets**



**Successfully
completed
Water Distribution
Class in partnership
with ARC**

Successes, Opportunities & Challenges



Rockdale Water Resources

OPPORTUNITIES



Expand treatment capacity to meet growth and future demand



Advance water reuse and alternative supply initiatives



Leverage technology and data analytics to improve operational efficiency



Strengthen infrastructure and resilience through proactive asset management



Enhance customer engagement and communication



Pursue funding opportunities and strategic partnerships



Develop and invest in our workforce



Support sustainable, long-term water supply solutions

Successes, Opportunities & Challenges



Rockdale Water Resources

CHALLENGES



**Competitive
Job Market**



**Increase in Cost
of Material and
Supplies**



**Aging
Infrastructure
(Water Treatment
Plant & Water
Supply Dam)**



**Recruiting &
Retaining
Certified Water
Distribution
Operators
in the Competitive
Job Market**



**Maintaining
Rolling Stock
Levels**



**Long-Term Funding
for Capital
Improvement
Projects**

Connecting, Educating & Serving Our Community

Community Outreach Connecting, educating and serving throughout Rockdale County



Rockdale Water Resources



EDUCATION

HERITAGE HS AT THE WTP



OUTREACH

SOIL & WATER CONSERVATION
DISTRICT MEETING



COMMUNITY

WATER WEEK IN THE COMMUNITY



EDUCATION

3RD ANNUAL RWR
WATER COMPETITION



ADVOCACY

AT THE CAPITOL



EDUCATION

CAREER DAY AT MEMORIAL MS

Connecting, Educating & Serving Our Community

Community Outreach Connecting, educating and serving throughout Rockdale County



Rockdale Water Resources



COMMUNITY

RED, WHITE & BOOM



COMMUNITY

BACK TO SCHOOL BASH



EDUCATION

HONEY CREEK ES



COMMUNITY

SHERIFF'S NATIONAL
HOT DOG DAY



EDUCATION

RCPS PROFESSIONAL
LEARNING DAY



OUTREACH

JOB FAIR

Improvements & Maintenance

Field Work

Maintaining critical infrastructure and system reliability



Rockdale Water Resources



WATER TREATMENT

HIGH SERVICE PUMP REPAIR



DISTRIBUTION

MANHOLE INSPECTION &
AIR RELEASE VALVE REPLACEMENT



METERING

INTERCONNECT METER INSTALLATION
– NEWTON COUNTY



WATER SUPPLY

JACK TURNER DAM MAINTENANCE

Improvements & Maintenance

Field Work

Maintaining critical infrastructure and system reliability



Rockdale Water Resources



DISTRIBUTION

AFTER-HOURS WORK IN OLDE TOWN
CONYERS



DISTRIBUTION

LEAK REPAIR



DISTRIBUTION

WRAP-AROUND REPAIR



DISTRIBUTION

WATER MAIN REPAIR

Improvements & Maintenance

Emergency Response



INCIDENT RESPONSE

A contractor struck a 12" water main on Rockbridge Rd, requiring RWR & contract service crews to work through the night to restore water service.

- Service was restored after an overnight emergency response.
- RWR is holding the contractor responsible for the damage.
- All eligible labor, equipment, materials, and related costs are being pursued for recovery.



Rockdale Water Resources

FY27 Goals & Initiatives

Department's Reimagine Rockdale Strategic Plan



Rockdale Water Resources



Access



Review, Repair and Replace Aging Infrastructure (Water and Sewer)



Multiple GDOT/RDOT Water and Sewer Relocation Projects



Replacement of Copper and Lead Water Service Lines



Equity



Continuing Education/ Training for Leaders and Emerging Leaders



Partner with Local PTAs, Schools and Social/Civic Groups through our Utility Education Program



Audit Water and Sewer Accounts



Water Distribution and Wastewater Operator Collection Certification Program with ARC



Innovation



Automating Leak & High Consumption Alerts



Implement Self-Service Options for Customer Care & Business Affairs (e.g. Payment Kiosk)



Expand SmartCap Leak Detection Program



Implement Testing, Repair and Replacement of Large Commercial Meters

Operating Budget Summary



Rockdale Water Resources

	 Budget FY 2026	 Change
 Total Operating Expenses	\$45,780,976	\$47,472,989 \$1,692,013
 Total Personnel Services & Benefits	\$7,336,960	\$7,574,171.21 \$237,211.21
 Total Est. Budget Impact	\$53,117,936	\$55,047,161.21 \$1,929,224.21



- The Operation and Maintenance Budget decreased by \$12,750 year over year
- Increase to Bond Payments \$1.4M and Depreciation Expense \$200K are major drivers to increase of the Operating Expenses

Operating Budget Request



Rockdale Water Resources

	Description	FY26 Budget	FY27 Cost	Amount Change
Repair and Maintenance	Maintains and repairs the water distribution and wastewater collection infrastructure through preventive maintenance, emergency response, and system improvements to ensure safe, reliable, and uninterrupted utility services.	\$1,815,810	\$1,834,638	\$18,828
Gasoline/Diesel	Provides fuel for department vehicles and equipment to support daily operations and emergency response.	\$111,500	\$119,000	\$7,500
Technical Services	Contractual services for Water, Wastewater, Customer Service and Engineering Operations (e.g. Inframark, CERM and Daupler)	\$14,968,361	\$14,974,302	\$5,941
General Supplies and Material	Water and Wastewater material and supplies for Collection and Distribution Operations and Water and Wastewater Treatment Facilities	\$2,386,799	\$2,392,049	\$5,250



Rockdale Water Resources

5-Year Capital Improvement Plan (CIP)

2027-2031

RANDY POYNTER LAKE
ROCKDALE COUNTY, GA

Capital Improvements Projects

Current Projects



Rockdale Water Resources



Salem Lake Pump Station Upgrade

Improve wastewater system capacity, reliability and performance.

Cost- \$1.05M



Ozone Generation Replacement

Replacing aging ozone equipment to maintain reliable treatment, disinfection and water quality.

Cost- \$1.7M



Large Meter Replacement

Replacing aging large meters to improve accuracy, water-use accountability and revenue recovery.

**300+ Meters
~\$2.4M**

Capital Improvements Projects

Current Projects



Almand Branch Trunkline Replacement & Upsize (Phase I)

Replacing 18" Concrete Trunk Line and Upgrading to a
24" Ductile Iron Trunk Line

Cost- \$4M



Rockdale Water Resources

Capital Improvements Projects

Current Projects



Hunter's Pointe Water Main Replacement & Upsize

Replace 6" PVC and Upgrade to an 8" Ductile Iron Pipe

Cost- \$1M



Rockdale Water Resources

Capital Improvements Projects

Current Projects



Rockdale Water Resources



Defective Pipe

Defective sewer pipe exhibiting joint separation, root intrusion, and structural deterioration



Sewer Rehab Set-Up

Cured In Place Piping (CIPP) setup prepares the existing sewer line for trenchless sewer rehabilitation



Rehabbed Pipe

After Lining, restores structural integrity of the sewer line and provides a watertight seal.

**Sewer Rehabilitation
Annual Budget - \$6M**

Capital Improvements Projects

Current Projects



Rockdale Water Resources



MANHOLE INSTALLATION

Crews are preparing to install a new manhole



MANHOLE INSTALLATION COMPLETION

Adding asphalt and compacting the finishing touches on a manhole installation

Sewer Rehabilitation
Annual Budget - \$6M

5-Year CIP 2027



Rockdale Water Resources

Program / Line Item	2027	2028	2029	2030	2031	5-Year Total
Infrastructure Improvements (Streets, Sidewalks, Pipelines)	\$31,590,000	\$28,180,000	\$17,510,000	\$22,640,000	\$3,350,000	\$103,270,000
Building Improvements/ Renovations/Expansions	\$380,000	\$245,000	\$50,000	\$50,000	\$50,000	\$775,000
Technology Programs & Improvements	\$960,000	\$0	\$0	\$0	\$0	\$ 960,000
Automotive Equipment	\$140,700	\$140,700	\$153,300	\$160,650	\$147,000	\$748,650
Construction & Heavy Equipment	\$200,000	\$0	\$0	\$0	\$0	\$200,000
New Buildings	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$ 33,270,700	\$28,572,000	\$17,713,300	\$ 22,850,650	\$ 3,547,000	\$ 105,953,650

Top 10 CIP 2027



Rockdale Water Resources

Division	Project	CIP 2027	Total 5-Year CIP
Engineering (4410)	Scott Creek and Honey Creek Pump Station and Force Main	\$ 7,000,000	\$ 9,500,000
Engineering (4410)	Sewer Rehabilitation	\$ 6,000,000	\$ 24,000,000
Engineering (4410)	Almand Branch Trunk Line Replacement and Upsize (Phase II)	\$ 5,200,000	\$ 5,200,000
Engineering (4410)	Water Main improvements to remove dead end mains	\$ 2,500,000	\$ 2,500,000
Engineering (4410)	Almand Branch Wastewater Plant Upgrade Construction	\$ 2,000,000	\$ 9,000,000
Engineering (4410)	Sewer Emergency Repairs Capital Projects	\$ 1,000,000	\$ 4,000,000
Engineering (4410)	Water and Sewer Relocations for Road Projects (GDOT/RDOT/City of Conyers)	\$ 1,000,000	\$ 2,000,000
Water Distribution (4440)	Delta Municipal Supply (Large Meter Replacement)	\$ 750,000	\$ 750,000
Engineering (4410)	Tall Oaks Sewer Main Extension	\$ 500,000	\$ 1,500,000
Engineering (4410)	Installation & Maintenance for 32 Sewer Flow Monitors County Wide	\$ 490,000	\$ 1,960,000
Total		\$ 26,440,000	\$ 60,410,000



Rockdale Water Resources

Thank You