

Water & Resource Recovery Center

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WATER & RESOURCE RECOVERY CENTER DEPARTMENT

Budget Highlights	FY 2024 Actual	FY 2025 Budget	FY 2026 Requested	% Change From FY 2023 Budget
<u>Expenses</u>				
Employee Expense	1,727,921	1,932,942	2,051,103	6.1 %
Supplies and Services	3,491,549	4,904,819	4,554,945	(7.1)%
Payment to Construction Fund	1,946,760	1,600,000	2,300,000	43.8 %
Machinery and Equipment	57,914	341,670	62,200	(81.8)%
Engineering - Sewer Administration	303,114	460,926	604,456	31.1 %
Public Works Sewer Maintenance Charges	871,455	857,327	799,271	(6.8)%
Administrative Overhead Recharge	1,837,404	2,115,508	2,266,214	7.1 %
Payment in Lieu of Taxes	142,884	142,884	142,884	— %
Debt Service	5,330,284	6,178,004	7,331,372	18.7 %
Total Expenses	15,709,285	18,534,080	20,112,445	8.5 %
<u>Resources</u>				
Operating Revenue	16,233,009	18,556,274	19,718,722	6.3 %
General Fund 50% Rate Reduction	41,241	32,000	47,000	46.9 %
Total Resources	16,274,250	18,588,274	19,765,722	6.3 %
Net Operating Surplus (Deficit)	564,965	54,194	(346,723)	(400,917)
Personnel - Authorized FTE	17.00	17.25	17.25	
Sanitary User Fee Rate Increase	6.00 %	9.00 %	9.00 %	
Revenue 1% Rate Increase Generates			\$135,937	

Improvement Package Summary

1 of 6

This decision package provides for ongoing training for the Industrial Pretreatment Coordinator position within the WRRC Department.

Continuing training for the Industrial Pretreatment Coordinator offers numerous benefits, including enhanced regulatory compliance, operational efficiency, safety, and industry knowledge. Staying updated on evolving environmental regulations, like the Clean Water Act (CWA) and local pretreatment standards, is essential for this role. Training ensures coordinators are informed of these changes, which helps the facility meet or exceed standards and avoid fines and penalties. Ongoing training can help refine core skills like permit drafting, compliance auditing, and regulatory reporting, all crucial for maintaining compliance with federal pretreatment regulations.

Continued training for the Industrial Pretreatment Coordinator aligns with the City Council's five-year goals by enhancing community safety, operational efficiency, environmental stewardship, and partnership. Training ensures wastewater management that supports a healthy and safe community while improving operational efficiency and reducing costs, benefiting taxpayers and bolstering the City's fiscal responsibility.

Related Cost:	\$300	Sanitary User Fee	Recurring
Total Cost:	\$300		Recommend - Yes

Sanitary User Fee Impact 0.003 %
Activity: Environmental Monitoring

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This improvement package would provide for the addition of an intern position at the WRRC (0.40 FTE, GE-24A). This Water & Resource Recovery Center Intern position would assist the WRRC director with managing large Capital Improvement Plan (CIP) projects, including Industrial Controls, High Strength Waste/Hauled Waste Improvements, Terminal Street Lift Station, lift station fiber connections, and the implementation of a Computerized Maintenance Management System (CMMS). In addition, the intern will support the environmental lab and general administrative tasks, thereby enhancing overall operational efficiency.

This internship will charge their time to CIP projects, providing valuable support for upcoming infrastructure projects, allowing the WRRC to better manage workload and project timelines. The intern will also assist in maintaining operational continuity and efficiency by supporting various administrative and laboratory activities. This role is intended to foster a well-rounded experience in water resource management, while also addressing staff workload demands related to high-profile CIP projects.

The intent is for the intern position to charge their time to the various projects listed above such that the expense will be covered by CIP projects. Being able to have an intern perform project related tasks that would otherwise be left to consultant and five times the price would result in cost savings to the City.

This request is related to the City Council's goal of Financially Responsible, High Performance City Organization: Sustainable, Equitable and Effective Service Delivery with the outcome of recruiting, hiring and retaining a diverse, top-quality City workforce dedicated to City goals and mission and having residents and businesses receiving service value for their taxes and fees by providing services in a cost-effective and financially responsible manner.

Related Cost:	\$19,767	Sanitary User Fee	Recurring	Recommend - Yes
Related Cost:		Sanitary User Fee	Non-Recurring	
Total Cost:	<hr/> \$19,767			
Sanitary User Fee Impact	0.20 %			
Activity: Administration				

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This improvement package provides funding for the City to join the National Association of Clean Water Agencies.

Joining the National Association of Clean Water Agencies (NACWA) provides significant benefits to the city's clean water management efforts. NACWA offers strong advocacy and representation at the federal level, ensuring that the city's interests are considered in the development of national regulatory and legislative policies, especially on emerging issues such as PFAS (per- and polyfluoroalkyl substances) and microplastics. Membership also provides access to technical expertise, training, and education through workshops and webinars that help maintain a well-trained workforce and enhance compliance with regulatory requirements. Additionally, NACWA's networking opportunities enable collaboration with other clean water professionals and utilities, fostering the exchange of ideas, innovative solutions, and partnerships that are crucial for addressing shared challenges. The value of establishing and maintaining partnerships extends beyond immediate operational needs, helping to strengthen regional efforts and

leverage resources more effectively. NACWA's recognition programs also offer opportunities for the city to be acknowledged for excellence in environmental stewardship.

This request is related to the City Council's goal of Partnership for a Better Dubuque: Building our Community that is Viable, Livable and Equitable.

Related Cost:	<u>\$1,100</u>	Sanitary User Fee	Recurring	Recommend - Yes
Total Cost:	<u>\$1,100</u>			
Sanitary User Fee Impact	0.01 %			
Activity: Administration				

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This improvement package allows for the WRRC Director, WRRC Plant Manager, Industrial Pretreatment Coordinator, and Administrative Support Professional to attend the annual Growing Sustainable Communities Conference held annually in Dubuque.

Attending the conference provides insights into sustainability and environmental practices that directly enhance the effectiveness and impact of facility operations. Sessions on water management, waste reduction, and flood resilience equip employees with new techniques and approaches to improve Dubuque's wastewater treatment systems. The conference also emphasizes equitable resource access, supporting the facility's role in providing safe water for all residents, particularly in underserved areas. Networking opportunities allow employees to connect with other sustainability professionals, opening doors for partnerships, funding sources, and collaborative efforts that can support facility upgrades and community-focused initiatives.

The request supports the City Council goal of Sustainable Environment: Preserving and Enhancing Natural Resources.

Related Cost:	<u>\$1,220</u>	Sanitary User Fee	Recurring	Recommend - Yes
Total Cost:	<u>\$1,220</u>			
Sanitary User Fee Impact	0.01 %			
Activity: Administration, Plant Operations, Environmental Monitoring				

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This improvement package allows for the WRRC Industrial Pretreatment Coordinator to attend the National Association of Clean Water Agencies' annual National Pretreatment Workshop & Training event.

The Industrial Pretreatment Coordinator position was created in 2023 in response to an EPA inspection of the WRRC's Industrial Pretreatment Program in the summer of 2022, which identified the need for significant improvements to bring the program into compliance with federal regulations. While the position has been filled and the City has made great strides toward compliance, the current budget does not include dedicated funding to ensure the Coordinator remains up to date on evolving regulatory requirements or has access to training opportunities that would support continuous program improvements. Investing in ongoing professional development is essential to maintaining a cost-effective program that supports local industries while meeting federal compliance standards.

Attendance at this national workshop will provide the Coordinator with direct access to the latest regulatory updates, best practices, and lessons learned from other municipalities facing similar compliance challenges. The Coordinator will gain critical insights and practical tools to implement necessary program modifications efficiently and effectively. The knowledge gained will be shared with WRRC leadership and used to guide program improvements that align with federal expectations. Given the regulatory scrutiny and the need to make targeted improvements to the City's Industrial Pretreatment Program, this training will help equip staff with the expertise necessary to achieve compliance and maintain the City's commitment to environmental stewardship.

Related Cost:	<u>\$2,850</u>	Sanitary User Fee	Recurring	Recommend - Yes
Total Cost:	<u>\$2,850</u>			
Sanitary User Fee Impact	0.03 %			
Activity: Environmental Monitoring				

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This improvement package request provides for the purchase and implementation of SwiftComply, a cloud-based compliance management platform designed to enhance the efficiency and effectiveness of the City of Dubuque's Industrial Pretreatment Program.

To effectively track compliance information, the WRRC's Industrial Pretreatment Program currently relies on multiple spreadsheets, notebooks, and software platforms, leading to inefficiencies and limitations in data management and accessibility. This fragmented system makes the Industrial Pretreatment Coordinator the de facto gatekeeper of compliance data, creating challenges for others in retrieving and utilizing information, particularly during inspections or external inquiries. SwiftComply offers a centralized, cloud-based solution that eliminates the need for multiple systems, improving efficiency, collaboration, and regulatory compliance. With real-time access to data, automated workflows, and an intuitive dashboard, the system will provide authorized staff with immediate visibility into program status, reducing administrative bottlenecks and strengthening compliance monitoring and reporting. The system would ensure that compliance data is readily available, eliminating reliance on a single staff member and reducing risks associated with compliance failures.

The current reliance on separate platforms requires excessive time for data entry, cross-referencing files, and compiling reports. SwiftComply automates these processes, reducing manual work as demonstrated by other utilities. It also enhances transparency by providing multiple departments, stakeholders, and external users, such as state officials, with real-time access to compliance information. This increased visibility fosters collaboration, builds trust, and ensures accountability. Additionally, as regulatory requirements continue to evolve, SwiftComply provides a scalable and adaptable solution that aligns with industry best practices.

Implementing SwiftComply will provide a modernized, digital approach to compliance management for the WRRC's Industrial Pretreatment Program. It will enhance efficiency, improve data integrity, and provide seamless access to critical compliance information. This investment will enable WRRC to operate more effectively, ensure regulatory readiness, and strengthen collaboration among City departments, regulators, and industrial users.

Related Cost:	<u>\$13,500</u>	Sanitary User Fee	Recurring	Recommend - Yes
Related Cost:	<u>\$5,000</u>	Sanitary User Fee	Non-Recurring	
Total Cost:	<u><u>\$18,500</u></u>			
Sanitary User Fee Impact	0.18 %			
Activity: Environmental Monitoring				

Significant Line Items

Employee Expense

1. FY 2026 employee expense reflects a 3.00% wage package increase for non-represented employees. The collective bargaining agreement with the International Union of Operating Engineers (IUOE) also includes a 3.50% wage package increase in FY 2026 for represented employees.
2. The Iowa Public Employee Retirement System (IPERS) City contribution of 9.44% is unchanged from FY 2025. The employee contribution of 6.29% is unchanged from FY 2025.
3. The City portion of health insurance expense is unchanged from \$1,119 in FY 2025 to \$1,119 in FY 2026 per month, per contract, which results in an annual cost unchanged or 0.0%.
4. Overtime is unchanged from \$59,350 in FY 2025 to \$59,350 in FY 2026. FY 2024 actual was \$158,873 due to a staff shortage.
5. Five-Year Retiree Sick leave payout is decreased from \$11,699 in FY 2025 to \$8,033 in FY 2026. This is based on current retirees.
6. 50% Sick Leave Payout decreased from \$2,787 in FY 2025 to \$2,407 in FY 2026 based on FY 2024 actual. Effective July 1, 2019, employees over the sick leave cap can convert 50% of the sick leave over the cap to vacation or be paid out.

Supplies & Services

7. Electricity Utility expense decreased from \$782,210 in FY 2025 to \$751,890 in FY 2026 based on the FY 2024 actual of \$626,575 plus and anticipated 20% rate increase. This line item represents all electricity expenses at the Water & Resource Recovery Center treatment facility and the twenty-one lift stations across the City used for conveying and treating wastewater.
8. Gas Utility expense decreased from \$268,581 in FY 2025 to \$187,549 in FY 2026 based on FY 2024 actual of \$167,904 plus an anticipated 11.7% rate increase. This line item includes natural gas expenses at the Water Resource and Recovery Center. Natural gas is used for primarily for space heating and water heating at the Water Resource and Recovery Center.
9. Lift Station Maintenance decreased from \$158,963 in FY 2025 to \$144,226 in FY 2026 based on FY 2024 actual of \$141,398 plus a 2% expected increase in costs. This line item includes expenses associated with the cleaning of lift stations, as well as routine maintenance and repairs to lift station components such as motors and pumps.
10. Hauling Service expense is unchanged from \$250,000 in FY 2025 to \$250,000 in FY 2026. This line item funds the land application of biosolids produced at the Water & Resource Recovery Center, including the associated storage and hauling. The expense is based on to the agreement that took effect in the Spring of 2022, which reduced the storage cost by \$5,100 per month. The storage cost will be reduced further in the Spring of 2027.
11. Equipment Maintenance and Repair decreased from \$620,447 in FY 2025 to \$548,886 in FY 2026 based on a trending decrease in prior year actuals. The FY 2023 actual was \$534,792. The FY 2024 actual was \$464,594. In FY 2026, this line item includes \$473,886 for maintenance, repair, and replacement of plant equipment which includes bar screens, grit pumps and washers, clarifier mechanisms, pumps, grinders, mixers, electric motors, bearings, UV disinfection system, screw

conveyors, piping, and electrical components. The FY 2026 amount of \$473,886 for maintenance, repair, and replacement of plant equipment decreased from FY 2025 due to the trending decrease in prior year actuals. This line item also includes \$75,000 for cleaning one of the four anaerobic digesters each year.

12. Chemicals increased from \$1,527,000 in FY 2025 to \$1,703,000 in FY 2026 based on the FY 2024 actual of \$1,026,049 plus 21%. This line item represents chemicals used at the Water and Resource Recovery Center in the wastewater treatment process. Chemicals used include polymer, liquid oxygen, sodium hypochlorite, iron salts, and lime. The price of liquid oxygen has increased because of transportation and electricity costs. The budget includes tank rental and oxygen based on the expected usage of 80 million cubic feet. The price of polymer has increased due to supply chain issues. The FY 2025 budget included an approved, recurring improvement package for \$462,000 for increased chemical expense to reduce odor emissions and the formation of struvite within the waste stream.
13. Property Insurance increased from \$184,538 in FY 2025 to \$189,665 in FY 2026. This increase included an increase of 3% based on information received from Iowa Communities Assurance Pool (ICAP). The FY 2024 actual was \$130,569. The FY 2023 actual was \$113,587.

Machinery & Equipment

14. Equipment replacement items include (\$62,200):

WRRC Machinery and Equipment		
<u>Plant Operations</u>		
Rapid Moisture Analyser	\$	20,000
Commercial Sump Pump	\$	1,900
<u>Environmental Monitoring</u>		
Spectrophotometer	\$	8,500
Lab Bench Specific Ion Meter	\$	2,500
ISE/PH/DO Probes	\$	3,200
Portable Specific Ion Meter	\$	2,500
Coliform Incubator	\$	4,000
Digital Reactor block	\$	2,300
Digital Reactor block	\$	2,300
BOD Incubator	\$	5,000
BOD Meter	\$	4,000
Incubation Tray	\$	2,500
Portable Samplers	\$	3,500
Total Equipment	\$	<u>62,200</u>

Debt Service

15. Annual debt service payments for FY 2026 are as follows (\$7,331,372):

Amount	Debt Series	Source	Purpose	Final Payment	Call Date
\$ 63,700	G.O. 2017A	Sanitary Fees	Sanitary Sewer Improvements	2030	2025
97,356	G.O. 2018A	Sanitary Fees	Sanitary Sewer Improvements	2031	2026
38,955	G.O. 2021A	Sanitary Fees	Sanitary Force Main Repairs	2032	2028
119,119	G.O. 2019C	Sanitary Fees	Sanitary Sewer Improvements	2033	2026
383,200	G.O. 2021A	Sanitary Fees	Sanitary Sewer Improvements	2034	2028
166,606	G.O. 2016C	Sanitary Fees	Sanitary Sewer Improvements	2035	2024
62,262	SRF 2006	Sanitary Fees	Northfork Catfish Creek	2031	
218,090	SRF 2009	Sanitary Fees	Meter Change-Out	2031	
3,697,099	SRF 2010	Sanitary Fees	W&RRC Plant Upgrade	2039	
186,320	SRF 2013	Sanitary Fees	W&RRC Cogeneration	2033	
147,825	SRF 2018	Sanitary Fees	Kerper Boulevard Sanitary	2038	
731,362	Planned	Sanitary Fees	Sanitary Projects	2041	
273,932	Planned	Sanitary Fees	Sanitary Projects	2042	
1,145,546	Planned	Sanitary Fees	Sanitary Projects	2044	
\$ 7,331,372	Total Sanitary Annual Debt Service				

Revenue

16. Sewage Fees increased from \$13,210,047 in FY 2025 to \$14,749,173 in FY 2026 based on the recommended FY 2026 rate increase of 9.0%. This line item represents revenue received from sewer charges on utility bills and invoicing for hauled septic waste.

17. Late Payment Penalties decreased from \$127,743 in FY 2025 to \$87,768 in FY 2026 based on FY 2024 Actual of \$87,768. This line item represents the sewer portion of late fees received from past-due utility bills.

18. The Water and Resource Recovery Center's pre-treatment largest industrial customers projected changes in revenues as follows:

- Prairie Farms is projected to increase from the estimated amount of \$785,815 in FY 2025 to \$853,080 in FY 2026 based on FY 2024 Actual plus the FY 2025 rate of 9% and the FY 2026 recommended rate increase of 9.0%.
- Inland Protein is projected to increase from the estimated amount of \$217,744 in FY 2025 to \$267,068 in FY 2026 based on FY 2024 Actual plus the FY 2025 rate of 9% and the FY 2026 recommended rate increase of 9.0%.
- Rousselot is projected to increase from the estimated amount of \$1,393,244 in FY 2025 to \$1,618,219 in FY 2026 based on FY 2024 Actual plus the FY 2025 rate of 9% and the FY 2026 recommended rate increase of 9.0%.
- Simmons is projected to increase from the estimated amount of \$586,859 in FY 2025 to \$511,971 in FY 2026 based on FY 2024 Actual plus the FY 2025 rate of 9% and the FY 2026 recommended rate increase of 9.0%.

19. High Strength Waste revenue decreased from \$995,480 in FY 2025 to \$795,625 in FY 2026. FY 2024 Actual was \$296,841. The increase from FY 2024 actual is due to the high strength waste fee changing from 8 cents per gallon to 10.5 cents per gallon in FY 2026 based on a FY 2025 improvement package. This revenue represents other entities paying the City to take high strength waste which will be used in the anaerobic digesters to generate additional biogas, which is then upgraded to renewable natural gas.
20. Other Leases is unchanged from \$197,706 in FY 2025 to \$197,706 in FY 2026. The FY 2024 Actual was \$248,983, which was abnormally high due to invoicing issues that resulted in revenue from other fiscal years being recorded in FY 2024. This line item represents revenue received from BioResource Development, which operates a biogas upgrading system at the Water and Resource Recovery Center. The FY 2024 actual revenue represents one whole year of revenue, as BioResource Development is charged and pays on an annual basis. Revenue reflects 5% of the gross revenue received by BioResource Development (\$20,000), lease of the site (\$10,000) reimbursement for natural gas (\$100,000), and reimbursement for electricity (\$67,000)
21. Fats, Oils and Grease Dumping fees increased from \$27,010 in FY 2025 to \$41,700 in FY 2026. FY 2024 Actual was \$41,672. This revenue represents disposal fees for grease waste collected from local food establishments. The Water and Resource Recovery Center processes grease from local establishes to divert grease from the collection system.

WATER & RESOURCE RECOVERY CENTER

The Water & Resource Recovery Center uses mechanical, physical, and biochemical processes to clean the wastewater produced by the community before it is returned to the environment. The process provides opportunities to extract resources from the water for use within the Center and the surrounding community.

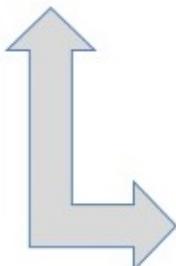


SUCCESS IS ABOUT PLANNING, PARTNERSHIPS AND PEOPLE LEADING TO OUTCOMES



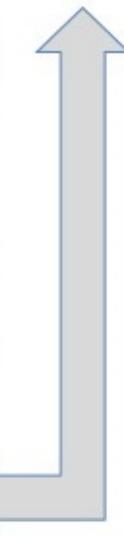
PEOPLE

W&RRC Staff, Health Department, Engineering and Public Works provided the majority of our City relationships. We also maintain relationships with local industries, the Resilient Community Advisory Commission and Regional/Local Engineers.



PLANNING

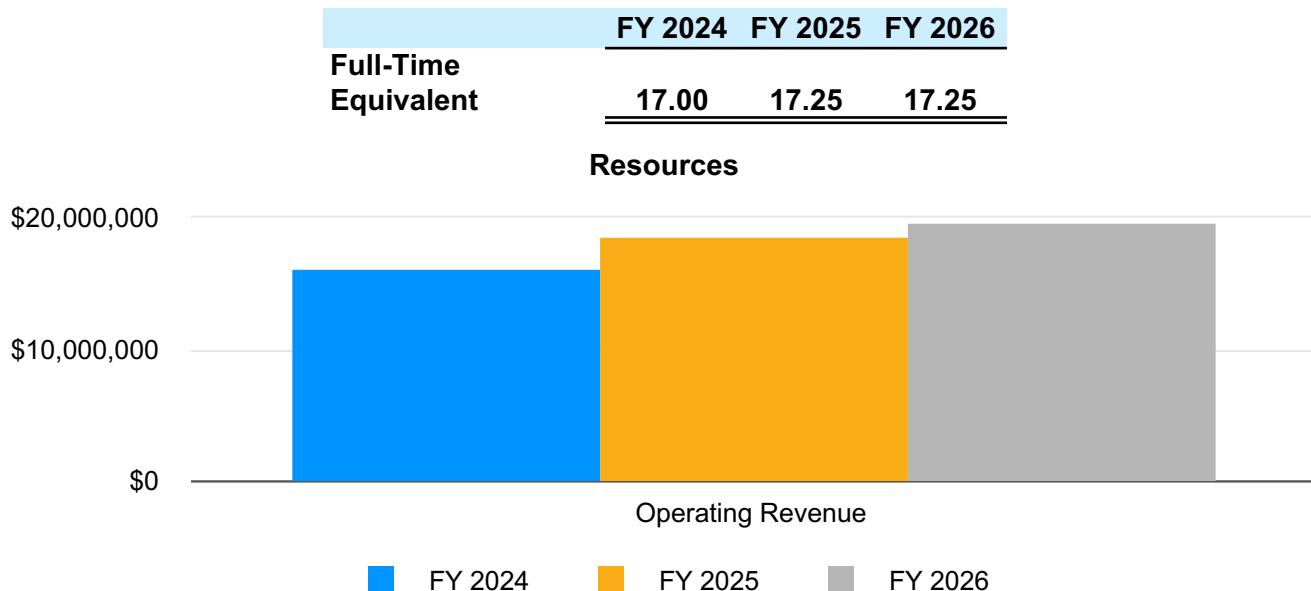
The W&RRC has ongoing planning and implementation for several environmental issues including spill prevention plans, Bio-Solids Management and Nutrient Reduction.



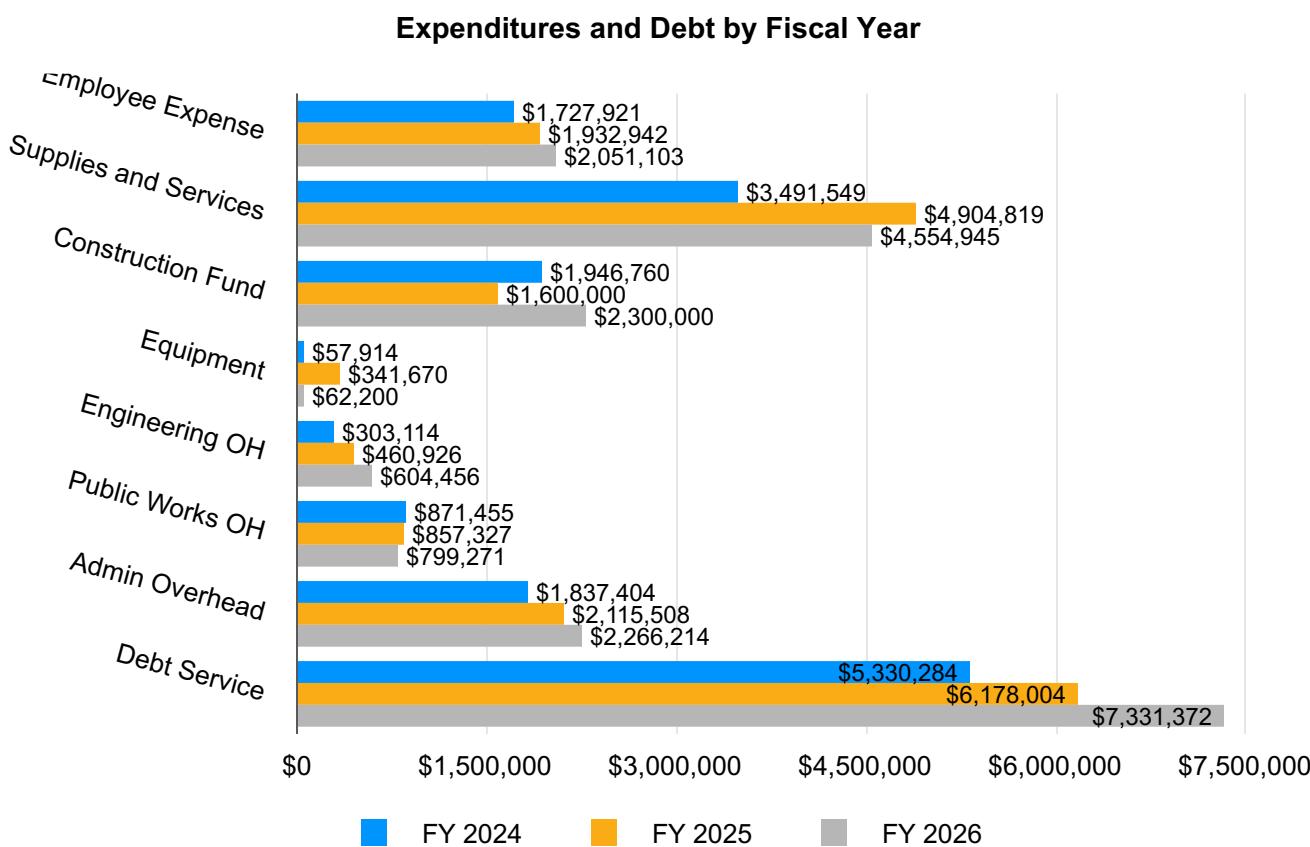
PARTNERSHIPS

The W&RRC maintains partnerships with City Departments, Iowa Department of Natural Resources, USEPA, Local Industries and local/regional/service providers.

WATER & RESOURCE RECOVERY CENTER



The Water Resource Recovery Center is supported by 17.25 full-time equivalent employees, which accounts for 22.87% of the department expense as seen below. Overall, the department's expenses are expected to increase by 1% in FY 2026 compared to FY 2025.



WATER & RESOURCE RECOVERY CENTER

Operations and Maintenance

Mission & Services

Operations and maintenance of the W&RRC consists of maintaining equipment and records necessary to collect, convey, treat and release the liquid wastes discharged into the sanitary sewer system as required by state and federal regulatory agencies at the lowest possible cost while sustaining appropriate maintenance programs for plant reliability; operating and maintaining 21 pumping stations located throughout the City of Dubuque; Repairing and maintaining all equipment required for the successful and efficient operation of the W&RRC. Stocking essential spare parts and maintaining records for effective operation of the W&RRC.

Operations and Maintenance Funding Summary			
	FY 2024 Actual	FY 2025 Budget	FY 2026 Recomm'd
Expenditures	\$10,048,536	\$12,686,495	\$13,257,829
Resources	\$15,992,466	\$18,123,815	\$19,417,456

Operations and Maintenance Position Summary		FY 2026
WRRC DIRECTOR		1.00
WRRC PLANT MANAGER		0.20
WRRC PLANT MANAGER		0.80
MAINTENANCE SUPERVISOR		
WWT		1.00
LEAD OPERATOR		1.00
EQUIPMENT MECHANIC - WWT		2.00
INDUSTRIAL ELECTRONICS TECH		1.00
PLANT OPERATOR GRADE III		1.00
CONFIDENTIAL ACCOUNT CLERK		1.00
Total FT Equivalent Employees		9.00

Performance Measures

City Council Goal: Sustainable Environment

Performance Measure (KPI)	Target	FY 2023 Actual	FY 2024 Actual	FY 2025 Estimated	Performance Indicator
Activity Objective: Maintain proper operation and maintenance of pumping stations throughout the City to ensure untreated wastewater is not discharged to streets, storm sewers, or creeks/rivers.					
Effectiveness: % removal of biochemical oxygen demand (BOD) waste	>85	95	93	95	Goal Met
Effectiveness: % removal of total suspended solid (TSS) waste	>85	92	87	89	Goal Met

Reliability: # of pumping station failures/outage incidents	0	4	3	1	Goal in Progress
Reliability: # of operators with at least Grade II Certification	5	4	3	3	Goal Not Met
Efficiency: # of Gigajoules of energy used per million gallons treated (GJ/MG)	20	25.21	20.52	20.00	Goal Met

WATER & RESOURCE RECOVERY CENTER

Environmental Monitoring

Mission & Services

The Environmental Monitoring Section performs the chemical, biological and bacterial sampling and analysis associated with the operations of the W&RRC and assists in the operations of additional City Departments and the community by providing analytical services.

The function of the program is to eliminate from industrial sources those materials which may cause pass through and/or interference with the operation of the City of Dubuque's Publicly Owned Treatment Works. The program is aimed at eliminating Sanitary Sewer Overflows caused by the discharge of excessive amount of fats, oils, and greases into the sanitary sewer system.

Environmental Monitoring Funding Summary			
	FY 2024 Actual	FY 2025 Budget	FY 2026 Recomm'd
Expenditures	\$556,106	\$660,718	\$738,774
Resources	\$254,492	\$380,176	\$323,019

Environmental Monitoring Position Summary	
	FY 2026
Lab Supervisor	1.00
Lab Technician	2.00
Environmental Coordinator	1.00
Industrial Pretreatment Coordinator	1.00
Total FT Equivalent Employees	5.00

Performance Measures

City Council Goal: Sustainable Environment

Performance Measure (KPI)	Target	FY 2023 Actual	FY 2024 Actual	FY 2025 Estimated	Performance Indicator
Activity Objective: Maintain a Fats, Oil, and Grease (FOG) Program to protect the sanitary sewer system from blockages caused by excessive buildup, helping eliminate sanitary sewer overflows.					
# of sanitary sewer overflows caused by fats, oils, and grease	0	0	1	1	Goal Not Met
2 Activity Objective: Ensure a safe water supply in support of the Water Department.					
# of avg. water samples analyzed per month from various locations in the City (DNR requirement increased from 60 to 70 in CY 2022)	70	60	60	70	Goal Met



Recommended Operating Revenue Budget - Department Total
43 - WATER & RESOURCE RECOVERY CENTER

Fund/Account/Account Title	FY23 Actual Revenue	FY24 Actual Revenue	FY25 Adopted Budget	FY26 Recomm'd Budget
610 - Sanitary Sewer Operating				
4A - Charges for Services				
41380 - Water/Sewer Permit	(39,545)	(36,221)	(121,475)	(36,221)
41820 - FOG Inspection Fee	0	0	0	0
41900 - Miscellaneous Licenses	0	0	0	0
43120 - Leases - Other	(197,706)	(248,983)	(197,706)	(197,706)
45110 - Sewage Fees	(11,461,681)	(12,471,291)	(13,210,047)	(14,749,173)
45115 - Pre-Treatment Customers	(2,685,576)	(2,644,112)	(3,203,246)	(3,454,812)
45120 - High Strength Waste	(345,240)	(296,841)	(995,480)	(795,625)
45122 - FOG Dumping Fee	(20,768)	(41,672)	(27,010)	(41,700)
45210 - Water Tests Outside	(34,580)	(30,344)	(60,324)	(30,344)
45211 - Water Tests Internal	(35,690)	(45,907)	(21,301)	(45,907)
45212 - Lab Test	(345)	(2,748)	(150)	(2,748)
45213 - Wastewater Sampling OS	(20,947)	(37,646)	(23,908)	(37,646)
45300 - Forfeitures/Penalties	(127,743)	(87,768)	(127,743)	(87,768)
45500 - Miscellaneous Chg for Svcs	0	0	0	0
45520 - Customer Credits	0	0	0	0
47100 - Reimbursements	0	(32,687)	0	0
47150 - Refunds	(1,668)	0	0	0
47350 - Fuel Tax Refunds	(227)	0	(227)	0
47450 - Sale of Salvage	(33)	(593)	0	(593)
4A - Charges for Services Total	(14,971,750)	(15,976,814)	(17,988,617)	(19,480,243)
4B - Grants/Contrib				
47050 - Contrib - Private Sources	0	0	0	0
4B - Grants/Contrib Total	—	—	—	—
4K - Unrest Invest Earn				
43000 - Interest	(71,246)	(179,124)	(71,246)	(213,232)
4K - Unrest Invest Earn Total	(71,246)	(179,124)	(71,246)	(213,232)
4N - Transfers				
49100 - Transfer In General Fund	(31,008)	(41,241)	(32,000)	(47,000)
4N - Transfers Total	(31,008)	(41,241)	(32,000)	(47,000)
4O - Eliminated for GW				
47115 - Sales Tax Collection	(417,711)	(49,778)	(412,128)	0
48200 - Proceeds from GO Debt	0	0	0	0
48205 - Bond Discount/Premium	0	0	0	0

Recommended Operating Revenue Budget - Department Total**43 - WATER & RESOURCE RECOVERY CENTER**

Fund/Account/Account Title	FY23 Actual Revenue	FY24 Actual Revenue	FY25 Adopted Budget	FY26 Recomm'd Budget
610 - Sanitary Sewer Operating				
4O - Eliminated for GW Total	(417,711)	(49,778)	(412,128)	—
WRRC - Total	(15,491,715)	(16,246,958)	(18,503,991)	(19,740,475)

Recommended Operating Expenditure Budget - Department Total

43 - WATER & RESOURCE RECOVERY CENTER

Fund/Account/Account Title	FY23 Actual Expense	FY24 Actual Expense	FY25 Adopted Budget	FY26 Recomm'd Budget
6A - Salaries & Wages				
100 - General				
60100 - Salaries-Regular Full Time	0	0	0	0
60400 - Overtime	0	0	0	0
610 - Sanitary Sewer Operating				
60100 - Salaries-Regular Full Time	884,628	1,017,116	1,315,448	1,396,906
60200 - Salaries - Regular Part Time	108	18,641	22,916	23,909
60300 - Hourly Wages - Temp/Seasonal	14,962	0	0	16,882
60400 - Overtime	139,940	158,873	59,350	59,350
60410 - Overtime - Holiday	25,357	25,169	17,221	17,221
60630 - Special Pay Sick Lv Payout Ret	9,190	14,447	11,699	8,033
60635 - Special Pay Sick Lv Payout 50%	2,654	2,338	2,787	2,407
60640 - Special Pay - Vacation Payout	6,337	20,810	0	0
60710 - Special Pay - Parental Leave	0	265	0	0
60720 - Spec Pay - Meals No Overnight	0	0	0	0
60730 - Spec Pay - Safety Equipment	15,894	6,142	2,950	6,400
60740 - Spec Pay - Meal Allowance	0	0	0	0
6A - Salaries & Wages Total	1,099,073	1,263,801	1,432,371	1,531,108
6B - Employee Benefits				
100 - General				
61100 - FICA - City Contribution	0	0	0	0
61300 - IPERS - City Contribution	0	0	0	0
61510 - Health Insurance	0	0	0	0
61540 - Life Insurance	0	0	0	0
610 - Sanitary Sewer Operating				
61100 - FICA - City Contribution	77,591	91,096	109,353	116,639
61300 - IPERS - City Contribution	100,501	115,306	133,568	143,097
61510 - Health Insurance	201,345	233,674	228,191	228,191
61540 - Life Insurance	596	632	781	781
61600 - Workers' Compensation	23,455	23,263	28,678	31,138
61992 - Physicals	0	149	0	149
6B - Employee Benefits Total	403,487	464,120	500,571	519,995
6C - Staff Development				
610 - Sanitary Sewer Operating				
62100 - Association Dues	349	438	520	1,780
62200 - Subscriptions	0	68	0	205

Recommended Operating Expenditure Budget - Department Total

43 - WATER & RESOURCE RECOVERY CENTER

Fund/Account/Account Title	FY23 Actual Expense	FY24 Actual Expense	FY25 Adopted Budget	FY26 Recomm'd Budget
62400 - Meetings & Conferences	1,146	2,903	12,440	16,510
62500 - Education Reimbursement	10,413	6,048	10,450	10,750
6C - Staff Development Total	11,907	9,457	23,410	29,245
6D - Repair/Maint/Util				
610 - Sanitary Sewer Operating				
63100 - Building Maintenance	120,656	75,301	120,656	75,301
63220 - Landscaping	0	0	1,000	1,000
63311 - Vehicle Ops - Diesel	3,005	5,280	3,360	5,280
63312 - Vehicle Ops - Gasoline	11,999	7,056	9,295	7,056
63320 - Vehicle Repair - Internal	7,538	20,528	7,654	10,500
63321 - Vehicle Repair - Outsourced	2,044	41	2,085	2,146
63400 - Equipment Maint/Repair	534,793	464,594	620,447	548,886
63425 - Meter Maintenance	0	0	0	0
63430 - Instrument Maintenance	21,769	4,347	20,507	4,478
63435 - Lift Station Maintenance	118,895	141,398	158,963	144,226
63710 - Electricity	712,395	626,575	782,210	751,890
63711 - Natural Gas	268,581	167,904	268,581	187,549
63730 - Telecommunications	14,553	15,863	17,864	15,862
63740 - Water	46,830	49,332	52,918	51,799
63742 - Stormwater	8,227	8,989	9,552	9,439
6D - Repair/Maint/Util Total	1,871,285	1,587,210	2,075,092	1,815,412
6E - Contractual Svcs				
610 - Sanitary Sewer Operating				
64010 - Accounting & Auditing	5,750	4,803	5,750	5,750
64020 - Advertising	0	5,770	775	25
64030 - Outsourced Labor	0	14,168	20,000	20,000
64040 - Collections	2,755	2,549	2,755	2,549
64045 - Bad Debt Expense	0	792	0	0
64062 - Refunds	7,467	468	7,467	468
64070 - Engineering - Outsourced	0	0	0	77,000
64080 - Insurance - Property	113,587	130,569	184,538	5,105
64081 - Insurance - Liability	14,569	14,042	18,074	21,486
64110 - Legal	10,003	8,384	0	0
64130 - Payments to Other Agencies	5,319	3,203	1,900	1,900
64140 - Printing	482	3,257	481	3,355
64145 - Copying	157	250	156	250

Recommended Operating Expenditure Budget - Department Total

43 - WATER & RESOURCE RECOVERY CENTER

Fund/Account/Account Title	FY23 Actual Expense	FY24 Actual Expense	FY25 Adopted Budget	FY26 Recomm'd Budget
64160 - Rental - Land/Bldgs/Parking	440	480	440	480
64175 - Landfill Fees	75,216	5,128	75,216	75,000
64180 - Sales Tax Expense	412,130	64,153	412,130	0
64190 - Technology Services	14,521	30,304	41,557	72,256
64191 - IT Recharges	11,223	10,980	11,360	13,615
64195 - Credit Card Charge	11	0	11	0
64825 - Fire Suppression	11,256	9,863	11,256	9,863
64850 - Consulting Engineers	0	0	0	0
64865 - Elevator Service	2,600	2,400	2,400	2,400
64870 - HVAC Services	16,290	43,640	15,720	43,000
64880 - Custodial Services	11,833	15,275	17,700	17,700
64900 - Other Professional Service	47,851	65,315	45,300	45,000
64975 - Equip Maint Cont	78,156	41,472	78,156	41,473
64976 - Instrument Maint	12,653	19,365	12,653	19,365
64980 - Technology Equip Maint Cont	0	0	10,920	0
64985 - Hauling Contract	220,661	230,961	250,000	250,000
64990 - Other Contractual Service	0	58,239	2,059	12,600
6E - Contractual Svcs Total	1,074,931	785,830	1,228,774	740,640
6F - Commodities				
610 - Sanitary Sewer Operating				
65010 - Chemicals	1,055,116	1,026,049	1,527,000	1,703,000
65025 - Program Materials	0	0	0	0
65040 - Small Tools & Equipment	3,287	9,491	10,000	10,000
65045 - Technology Equipment	431	6,336	114,670	60,300
65050 - Other Equipment	0	0	0	1,900
65060 - Office Supplies	2,045	2,214	2,045	2,251
65070 - Operating Supplies	741	2,621	741	2,621
65080 - Postage/Shipping	1,667	3,806	1,750	3,996
65100 - Safety Supplies	0	435	383	435
65925 - Uniform Purchase	3,011	4,057	2,406	2,406
65930 - Flags	150	0	0	0
65950 - Valves/Fittings	0	0	0	0
65965 - Janitorial	3,311	6,412	3,311	6,412
65970 - Lab Supplies	49,373	53,967	29,907	53,967
6F - Commodities Total	1,119,132	1,115,388	1,692,213	1,847,288
6G - Capital Outlay				

Recommended Operating Expenditure Budget - Department Total

43 - WATER & RESOURCE RECOVERY CENTER

Fund/Account/Account Title	FY23 Actual Expense	FY24 Actual Expense	FY25 Adopted Budget	FY26 Recomm'd Budget
610 - Sanitary Sewer Operating				
67100 - Vehicles	158,371	51,578	107,000	0
67230 - Heavy Equipment	39,771	0	120,000	0
67500 - Buildings	0	0	0	0
6G - Capital Outlay Total	198,142	51,578	227,000	0
6H - Debt Service				
610 - Sanitary Sewer Operating				
68010 - Principal Payment	3,797,396	3,966,092	4,578,468	5,366,895
68020 - Interest Payments	1,443,150	1,364,193	1,599,536	1,964,477
68980 - Financial Consultant	0	0	0	0
68990 - Paying Agent Fees	0	0	0	0
6H - Debt Service Total	5,240,546	5,330,284	6,178,004	7,331,372
6I - Transfers				
610 - Sanitary Sewer Operating				
69100 - Transfers Out To General Fund	1,837,117	1,980,288	2,258,392	2,409,098
69611 - Transfers Out to Sanitary Cap	1,796,419	1,946,760	1,600,000	2,300,000
6I - Transfers Total	3,633,536	3,927,048	3,858,392	4,709,098
WRRC - Total	14,652,038	14,534,716	17,215,827	18,524,158

Recommended Expenditure Budget Report by Activity & Funding Source

43 - WATER & RESOURCE RECOVERY CENTER

Fund/Activity	FY24 Actual Expense	FY25 Adopted Budget	FY26 Recomm'd Budget
0000 - No Sub-Activity			
610 - Sanitary Sewer Operating			
6E - Contractual Svcs	3,026	10,222	3,017
6H - Debt Service	—	—	—
6I - Transfers	3,927,048	3,858,392	4,709,098
0000 - No Sub-Activity Total	3,930,074	3,868,614	4,712,115
4301 - Administration			
610 - Sanitary Sewer Operating			
6A - Salaries & Wages	181,878	154,657	179,155
6B - Employee Benefits	44,638	42,840	47,009
6C - Staff Development	4,068	10,920	12,915
6D - Repair/Maint/Util	790	893	790
6E - Contractual Svcs	154,896	488,858	59,252
6F - Commodities	39	—	76
6H - Debt Service	5,330,284	6,178,004	7,331,372
4301 - Administration Total	5,716,593	6,876,172	7,630,569
4302 - Plant Operations			
610 - Sanitary Sewer Operating			
6A - Salaries & Wages	735,402	863,014	898,598
6B - Employee Benefits	282,131	306,182	313,479
6C - Staff Development	2,356	9,100	9,385
6D - Repair/Maint/Util	1,585,463	2,071,578	1,813,665
6E - Contractual Svcs	585,755	689,962	617,845
6F - Commodities	1,055,253	1,607,232	1,750,022
6G - Capital Outlay	51,578	227,000	—
4302 - Plant Operations Total	4,297,938	5,774,068	5,402,994
4303 - Fats Oils Grease			
610 - Sanitary Sewer Operating			
6A - Salaries & Wages	24,697	20,624	22,175
6B - Employee Benefits	9,307	8,681	8,997
6C - Staff Development	—	—	—
6E - Contractual Svcs	—	6,950	8,534
6F - Commodities	—	—	—
4303 - Fats Oils Grease Total	34,004	36,255	39,706
4305 - Environmental Monitoring			
610 - Sanitary Sewer Operating			

Recommended Expenditure Budget Report by Activity & Funding Source

43 - WATER & RESOURCE RECOVERY CENTER

Fund/Activity	FY24 Actual Expense	FY25 Adopted Budget	FY26 Recomm'd Budget
6A - Salaries & Wages	321,824	394,076	431,180
6B - Employee Benefits	128,043	142,868	150,510
6C - Staff Development	3,033	3,390	6,945
6D - Repair/Maint/Util	957	2,621	957
6E - Contractual Svcs	42,152	32,782	51,992
6F - Commodities	60,096	84,981	97,190
4305 - Environmental Monitoring Total	556,106	660,718	738,774
4306 - Floodwall Operation			
100 - General			
6A - Salaries & Wages	—	—	—
6B - Employee Benefits	—	—	—
4306 - Floodwall Operation Total	0	0	0
4399 - Pcard Clearing			
610 - Sanitary Sewer Operating			
6F - Commodities	—	—	—
WRRC TOTAL	14,534,716	17,215,827	18,524,158

CITY OF DUBUQUE, IOWA
DEPARTMENT DETAIL - PERSONNEL COMPLEMENT

43 WATER AND RESOURCE RECOVERY CENTER

FD	JC	WP-GR	JOB CLASS	FY 2026	
				FTE	BUDGET
61010 Full Time Employee Expense					
610	5010	GE-07	ADMIN SUPPORT PROF INDUSTRIAL ELECTRICAL	1.00	\$ 62,013
610	7995	OE-18	TECHNICIAN	1.00	\$ 83,239
610	7930	GE-12	ENVIRONMENTAL COORDINATOR	1.00	\$ 89,679
610	8875	OE-14	EQUIPMENT MECHANIC - W&RRC	2.00	\$ 146,046
610	3810	GE-13	INDUSTRIAL PRE-TREAT COORD	1.00	\$ 87,817
610	3955	GE-13	LAB SUPERVISOR	1.00	\$ 83,211
610	7985	GE-11	LAB TECHNICIAN II	2.00	\$ 162,566
610	3825	GE-14	WRRC MAINTENANCE SUPERVISOR	1.00	\$ 77,019
610	8005	OE-11	PLANT OPERATOR GRADE I	1.00	\$ 67,848
610	8015	OE-12	PLANT OPERATOR GRADE II	2.00	\$ 133,475
610	8025	OE-13	PLANT OPERATOR GRADE III	1.00	\$ 68,464
610	3875	GE-16	ASST WRRC DIRECTOR	1.00	\$ 109,798
610	3880	GE-18	WRRC DIRECTOR	1.00	\$ 139,500
610	8045	OE-19	WRRC LEAD PLANT OPERATOR	1.00	\$ 86,231
TOTAL FULL TIME EMPLOYEES				17.00	\$1,396,906
60200 PART-TIME EMPLOYEES					
610		GE-14	MAINTENANCE SUPERVISOR PT	0.25	\$ 23,909
TOTAL PART-TIME EMPLOYEES				0.25	\$ 23,909
TOTAL WATER & RESOURCE RECOVERY CENTER				17.25	\$1,420,815

CITY OF DUBUQUE, IOWA
ACTIVITY PERSONNEL COMPLEMENT SUMMARY

ACCT	FD	JC	WP- GR	POSITION CLASS	FY 2026	
					FTE	BUDGET
Water & Resource Recovery Center Administration						
4301	60100	610	3880	GE-18 WRRC DIRECTOR	1.00	\$ 139,500
				ASST WRRC		
4301	60100	610		GE-16 DIRECTOR	0.20	\$ 21,960
				Total	1.20	\$ 161,460
Water & Resource Recovery Center Plant Operation						
				ASST WRRC		
4302	60100	610	3875	GE-16 DIRECTOR	0.80	\$ 87,838
				WRRC		
				MAINTENANCE		
4302	60100	610	3825	GE-14 SUPERVISOR	1.00	\$ 77,019
				WRRC LEAD PLANT		
4302	60100	610	8045	OE-19 OPERATOR	1.00	\$ 86,231
				EQUIPMENT		
4302	60100	610	8875	OE-14 MECHANIC - W&RRC	2.00	\$ 146,046
				ADMIN SUPPORT		
4302	60100	610	5010	GE-07 PROF	0.65	\$ 40,308
				PLANT OPERATOR		
4302	60100	610	8025	OE-13 GRADE III	1.00	\$ 68,464
				PLANT OPERATOR		
4302	60100	610	8015	OE-12 GRADE II	2.00	\$ 133,475
				PLANT OPERATOR		
4302	60100	610	8005	OE-11 GRADE I	1.00	\$ 67,848
				INDUSTRIAL		
				ELECTRICAL		
4302	60100	610	7995	OE-18 TECHNICIAN	1.00	\$ 83,239
				Total	10.45	\$ 790,468
Water & Resource Recovery Center Plant Operations PT						
				MAINTENANCE		
4302	60200	610	7998	GE-14 SUPERVISOR PT	0.25	\$ 23,909
				Total	0.25	\$ 23,909
Environmental Monitoring Lab-FT						
4305	60100	610		GE-13 LAB SUPERVISOR	1.00	\$ 83,211
4305	60100	610	7985	GE-11 LAB TECHNICIAN II	2.00	\$ 162,566
				INDUSTRIAL PRE-		
4305	60100	610		GE-13 TREAT COORD	1.00	\$ 87,817
				ENVIRONMENTAL		
4305	60100	610	7930	GE-12 COORDINATOR	1.00	\$ 89,679

CITY OF DUBUQUE, IOWA
ACTIVITY PERSONNEL COMPLEMENT SUMMARY

ACCT	FD	JC	WP- GR	POSITION CLASS	FY 2026	
					FTE	BUDGET
				Total	5.00	\$ 423,273
Fat Oils and Grease-FT				ADMIN SUPPORT		
4303	60100	610	5010	GE-07 PROF	0.35	\$ 21,705
				Total	0.35	\$ 21,705
TOTAL WATER & RESOURCE RECOVERY DEPARTMENT					17.25	\$1,420,815

Capital Improvement Projects by Department/Division					
WATER & RESOURCE RECOVERY					
Project Number	Capital Improvement Project Title	Department	Fund	Account	FY26 Recomm'd Budget
4381500013	HVAC Replacement	Water & Resource Recovery	611	64070	8,000
4381500013	HVAC Replacement	Water & Resource Recovery	611	67500	42,000
4381500014	Lift Station SCADA Upgrades	Water & Resource Recovery	611	64075	10,000
4381500014	Lift Station SCADA Upgrades	Water & Resource Recovery	611	67990	40,000
	WRRC Electronic Hydraulic Shop	Water & Resource Recovery			
4381500022	Pres	Water & Resource Recovery	611	67990	13,000
		Water & Resource Recovery			
4381500023	WRRC Odor Monitoring System	Water & Resource Recovery	611	64900	24,000
		Water & Resource Recovery			
4381500023	WRRC Odor Monitoring System	Water & Resource Recovery	611	67990	22,000
	UV System Cable & Harness	Water & Resource Recovery			
4381500024	Replaceme	Water & Resource Recovery	611	67270	38,500
	UV System Cable & Harness	Water & Resource Recovery			
4381500024	Replaceme	Water & Resource Recovery	611	67990	12,000
		Water & Resource Recovery			
4381500025	Biogas Chiller Replacement	Water & Resource Recovery	611	67270	58,000
		Water & Resource Recovery			
4381500026	WRRC Vehicle Replacement	Water & Resource Recovery	611	67100	75,000
	WRRC Uninterruptible Power	Water & Resource Recovery			
4381500027	Supply	Water & Resource Recovery	611	67270	85,000
WATER & RESOURCE RECOVERY TOTAL					427,500

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	TOTAL	PAGE
WATER & RESOURCE RECOVERY CENTER								
Business Type								
Lift Station SCADA Upgrades	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	72
HVAC Replacement	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	73
Bar Screen Replacement	\$ —	\$ —	\$ —	\$ 500,000	\$ 2,000,000	\$ 2,500,000		74
RAS and Scum Pump Replacement	\$ —	\$ —	\$ —	\$ —	\$ 138,000	\$ 138,000		75
WRRC Plant Nutrient Reduction Improvements and BOD/Flow Capacity Improvements	\$ —	\$ 35,000	\$ —	\$ 1,500,000	\$ 5,500,000	\$ 7,035,000		76
Industrial Controls Upgrade	\$ —	\$ 1,000,000	\$ 900,000	\$ —	\$ —	\$ —	\$ 1,900,000	78
WRRC Uninterruptible Power Supply (UPS) Replacement	\$ 85,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 85,000	80
UV System Cable & Harness Replacement	\$ 50,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,500	81
Biogas Chiller Replacement	\$ 58,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 58,000	83
WRRC Odor Monitoring System	\$ 46,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 46,000	84
Water & Resource Recovery Center Vehicle Replacements	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000	85
Water & Resource Recovery Center Electronic Hydraulic Shop Press	\$ 13,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 13,000	86
TOTAL	\$ 427,500	\$ 1,135,000	\$ 1,000,000	\$ 2,100,000	\$ 7,738,000	\$ 12,400,500		