

CITY OF DUBUQUE

**POLICY**

# BUDGET

RECOMMENDED FOR FISCAL YEAR 2023

2023

DUBUQUE

THE CITY OF  
**DUBUQUE**  
*Masterpiece on the Mississippi*

VOLUME VI

**MARCH 23, 2022**

Information Services  
Water  
Water & Resource  
Recovery Center  
Public Works

Photo Courtesy of:  
City of Dubuque Staff

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FISCAL YEAR 2023  
**Recommended**  
**Policy And Narrative Budget**  
TABLE OF CONTENTS

March 23, 2022

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<u>DEPARTMENT/DIVISION</u>	<u>OPERATING BUDGET PAGE</u>	<u>CIP PAGE</u>
Information Services	<b>1</b>	405
Water	<b>21</b>	127
Water & Resource Recovery	<b>51</b>	173
Public Works	<b>73</b>	195

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# HOW TO USE THIS POLICY BUDGET DOCUMENT

## PURPOSE

The Policy Budget defines goals and objectives for all City departments and activities, relates them to cost and resource requirements and attempts to establish measures for evaluating accomplishment. Specific improvement packages are developed and included in the Policy Budget for alternative funding and service levels. The Policy Budget document shows the budget by line item for each Department and provides a basis for fiscal control once the budget is adopted.

The Policy Budget emphasizes objectives, accomplishments, and alternative funding and service levels and is intended to keep the attention of the City Council and public on the major policy decisions involving what services the City government will provide, who will pay for them, and the implications of such decisions.

## FORMAT

The Policy Budget is organized by Department/Division and provides detail for all activities that make up each Department/Division. Each Department/Division tab includes the following information:

- 1) **Department/Division Financial Summary:** The ***budget highlights*** portion of the Department Summary reflects total expenses for the maintenance level budget (cost to continue at the same level of service) and approved improvement packages for all activities within the Department by expenditure category (employee expense, supplies and services, machinery and equipment, and debt service), and the funding sources that pay those expenses. The property tax portion of the funding is reflected, noting the increase or decrease from the prior years adopted budget. For Departments which are self supporting (i.e. Water, Water Resources & Recovery Center, Refuse and Salt Operations (part of Public Works), Media Service, Transit, Parking, Stormwater (part of Engineering)), the net operating surplus/deficit is reflected, noting the increase or decrease in the fund from the prior years adopted budget.

This summary displays all ***Improvement Packages*** submitted by Department/Division Managers, with a notation of whether they were recommended by the City Manager, and then approved by the City Council. Those noted with a 'YES' were added to the maintenance level budget and are reflected in the Department Funding Summary and those noted with a 'NO' were not approved.

And finally, this summary explains ***significant line item detail*** by expenditure category, notable revenue changes, and miscellaneous information regarding the maintenance level budget. These are the review notes prior to adding any improvement packages.

- 2) **Memo Addressing Budget Issue (optional):** If there is an important budget issue that needs further explanation, a memo will be provided.
- 3) **Department's Organizational Chart (optional):** Shows how a Department is structured. Usually included for larger more complex Departments.

- 4) **Department/Division's Highlights of Prior Year's Accomplishments and Future Initiatives:** This is a written narrative that highlights the Department's prior year accomplishments and what Departments plan on accomplishing in the near future.
- 5) **Department/Division's Goals and Performance Measures by Activity:** This is a written activity statement and a matrix for each activity which includes activity objectives, relationship to City Council Goals & Priorities, and key performance indicators (KPIs).. Performance measures are included for each activity to evaluate activities and ensure that the approved levels of funding yield the expected results. Battery icons for each KPI visually indicate how well an objective is doing and represent the following:

		
On Track	Improving	Needs Work

- 6) **Recommended Operating Revenue Budget by Department/Division:** This report reflects line item revenue detail at the Department/Division level (combines all activities for each line by fund). Two years actual revenues, prior year adopted revenues and the recommended revenue for the new budget year are reflected.
- 7) **Recommended Operating Expenditure Budget by Department/Division:** This report reflects line item expenditure detail at the Department/Division level (combines all activities for each line by fund). Expenses are grouped by category (employee expense, supplies and services, machinery and equipment, debt service, and transfers) and displays two years actual expenses, prior year adopted expenses and the recommended expense for the new budget year.
- 8) **Recommended Operating Expenditure Budget by Activity and Funding Source:** This report reflects expenses grouped by category (employee expense, supplies and services, machinery and equipment, debt service, and transfers) for each activity within the Department/Division, and displays two years actual expenses, prior year adopted expenses and the recommended expense for the new budget year.
- 9) **Personnel Complement at Department/Division and Activity Level:** These reports reflect positions budgeted at the Department/Division level and the Activity level, by funding source. Total Full Time Equivalents (FTE) and wages with longevity expense are shown for each position for two years prior year adopted FTE and expenses, and the recommended FTE and related expense for the new budget year.
- 10) **Capital Improvement Projects by Department/Division:** This report lists all Capital Improvement Project totals for two years actual expenses, prior year adopted expenses and the recommended expense for the new budget year.
- 11) **Five Year Capital Improvement Program Summary by Department/Division:** This report lists all Capital Improvement Projects budgeted in the new budget year and planned for the next four years.

**Reference:** Key Terms for Understanding Dubuque's Budget, Budget Glossary Budget Overview and Budget and Fiscal Policy Guidelines located in Citizen's Guide

# **Information Services**

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## INFORMATION SERVICES DEPARTMENT

Budget Highlights	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested	% Change From FY 2022 Budget
<u>Expenses</u>				
Employee Expense	862,856	929,785	1,233,932	32.7 %
Supplies and Services	758,298	672,877	715,044	6.3 %
Machinery and Equipment	95,558	65,832	101,890	54.8 %
Total	1,716,712	1,668,494	2,050,866	22.9 %
<u>Resources</u>				
Operating Revenue	621,083	618,844	612,807	(1.0)%
Total	621,083	618,844	612,807	(1.0)%
Property Tax Support	1,095,629	1,049,650	1,438,059	388,409
Percent Increase (Decrease)				37.0 %
<b>Personnel - Authorized FTE</b>	9.00	9.00	12.00	

### Improvement Package Summary

#### 1 of 9

This improvement request is for Office365 Backup using Veeam which is the same back-up and recovery tool used for backing up on-premise data. Microsoft Office 365 has enabled working anywhere, anytime, without the need to host email, files and SharePoint infrastructure. Even though Microsoft hosts the infrastructure, this doesn't replace the responsibility to backup business-critical Office 365 data. Customer data is not Microsoft's responsibility according to their Shared Responsibility Model. The data generated in Office 365 is the responsibility of the customer and needs to be protected by that customer. The proposed solution for Veeam backup for Office365 would provide installation, initial configuration and training for a solution to backup documents and data stored in Teams, OneDrive, Sharepoint, and Outlook to the cloud. This improvement item is in support of the City Council goal of a Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery also providing support for the top priority of the Council's policy agenda - City Information & Network Security.

Related Cost: \$18,000 Tax Funds Recurring

**Recommend - Yes**

Property Tax Impact: \$0.0071 0.07 %

Activity: Information Services

#### 2 of 9

This improvement request is for Azure Premium 1 Service for 1000 users. This would move Active Directory to the cloud, and provide the ability for Multifactor Authentication (MFA) for DLEC users as well as improved security. The City's user identity and access management service is called Active Directory or AD. Azure Premium is not Active Directory in the cloud. Although identity management systems is a key component, Azure Premium 1 provides features such as (1) single sign-on for an unlimited amount of apps and unlimited users for those apps, (2) B2B collaboration capabilities — which allows access to guest users outside of the organization collaborative abilities, (3) gives self-service password change capabilities to users, provides a synchronization servservice for Windows Server AD (or other on-premise AD) and Azure AD, (4) advanced reporting and metrics (seeing how apps are being utilized by users, seeing where risks

exist, and troubleshooting capabilities),(5) provides branding capabilities for portals/login pages and (6) allows for multi-factor authentication for all users. Additional capabilities address secure access. As we continue to look at the option of work from anywhere/anytime a benefit of Azure Premium 1 is cloud app discovery, Application Proxy, dynamic groups, passwordless authentication all of which help employees maintain secure access to work apps, whether they're at home, working at a remote site or in the office. This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery and the City Council top priority of the policy agenda of City Information & Network Security.

Related Cost:	<u>\$ 42,000</u>	Tax Funds	Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	\$ 0.0165		0.17 %	
Activity: Information Services				

### 3 of 9

This improvement request is for e-mail boxes for all staff using G1 licensing for new licenses. Human Resources Director Shelley Stickfort has requested acquisition of additional Microsoft 365 licenses to accomodate electronic communication for all employees. Communication via e-mail and access to the Tyler ERP system will be required of all employees. The additional licensing will provide sufficient accounts to accomodate all staff. Using city e-mails will provide a secure, auditable and reliable way to communicate and interact with the ERP. This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery and the City Council top priority of the policy agenda of City Information & Network Security.

Related Cost:	<u>\$ 24,900</u>	Tax Funds	Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	\$ 0.0098		0.10 %	
Activity: Information Services				

### 4 of 9

This improvement request is for a tool providing diagnosis of WiFi issues such as interference from radio/microwave, obstructions, etc. With this solution, users can quickly and easily gather location-based Wi-Fi measurements and create visual heat maps of key performance metrics in realtime. This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery

Related Cost:	<u>\$ 3,600</u>	Tax Funds	Non-Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	\$ 0.0014		0.01 %	
Activity: Information Services				

### 5 of 9

This improvement request is for improved user password management for use of stronger passwords, e-mail notification on expired passwords, reporting for soon to expire passwords, user password reset. Note that this improvement item is not needed if Azure Premium 1 is funded. This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery and the City Council top priority of the policy agenda of City Information & Network Security.

Related Cost:	<u>\$ 1,400</u>	Tax Funds	Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	\$ 0.0006		0.01 %	
Activity: Information Services				

**6 of 9**

This improvement request is for one additional FTE Help Desk position (GE-27). Adding this position will provide assistance for the implementation of e-mail for additional users (Improvement Item 3 of 9), help in implementation of MFA for all, help address the need for backlog of service request tickets, aid in monthly on-boarding for technology, and provide additional WebQA user and backend support. This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery and the City Council top priority of the policy agenda of City Information & Network Security.

Related Cost: \$ 67,440 Tax Funds Recurring  
 Property Tax Impact: \$ 0.0265 0.27 %  
 Activity: Information Services

**Recommend - Yes****7 of 9**

This improvement request is for one additional FTE User Technology Specialist (GE-29). This position is needed for ERP support and Accela (Financial, HR, Utility Billing, AR support.) These two systems would work optimally having in-house first line of support resource along with assistance for report writing and data export for analysis. This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery and the City Council top priority of the policy agenda of City Information & Network Security.

Related Cost: \$ 73,626 Tax Funds Recurring  
 Property Tax Impact: \$ 0.029 0.30 %  
 Activity: Information Services

**Recommend - Yes****8 of 9**

This improvement request is for the addition of a full-time Chief Security Officer (GE-39). This position will help improve cybersecurity and manage the on-going complexity of threats. This position will also manage the network infrastructure (fiber, switches, routers). This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery and the City Council top priority of the policy agenda of City Information & Network Security.

Related Cost: \$116,118 Tax Funds Recurring  
 Property Tax Impact: \$ 0.0457 0.47 %  
 Activity: Information Services

**Recommend - Yes****9 of 9**

This improvement request is for the addition of a full-time Enterprise Operations Manager (GE-29). This position will manage the architecture of the City's enterprise technology system, including data centers, deployment and maintenance of infrastructure, and help desk management. This improvement item supports the City Council goal of Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery and the City Council top priority of the policy agenda of City Information & Network Security.

Related Cost: \$116,118 Tax Funds Recurring  
 Property Tax Impact: \$ 0.0457 0.47 %  
 Activity: Information Services

**Recommend - No**

## **Significant Line Items**

### **Employee Expense**

1. FY 2023 employee expense reflects a 3.25% wage package increase.
2. The Iowa Public Employee Retirement System (IPERS) City contribution of 9.44% is unchanged from FY 2022. The employee contribution of 6.29% is unchanged from FY 2022.
3. The City portion of health insurance expense increased from \$1,086 in FY 2022 to \$1,119 in FY 2023 per month per contract which results in an annual cost increase of \$43,452 or 3.04%.
4. Overtime is unchanged from \$3,513 in FY 2022 to \$3,513 in FY 2023. FY 2021 Actual was \$848.
5. 50% Sick Leave Payout increased from \$3,040 in FY 2022 to \$4,736 in FY 2023 based on FY 2021 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.
6. During FY 2022, the following personnel changes were approved:
  - a. Information Tech Specialist (GE-30) was reclassified to Lead Applications/Network Analyst (GE-32) net (+\$9,871).
  - b. User Technology Specialist (GE-29) was reclassified to Help Desk Technical Support (GE-27) net (-\$14,659)

### **Supplies & Services**

7. Machinery and Equipment Maintenance increased from \$48,700 in FY 2022 to \$101,890 in FY 2023.
8. Education and Training is unchanged from \$12,560 in FY 2022 to \$12,560 in FY 2023. This line item represents administrative training for Information Services.
9. The City of Dubuque continues to actively pursue a Broadband Acceleration Initiative focusing on public/private collaborations and includes a comprehensive strategy to reduce the cost and time required for broadband expansions in Dubuque. Information Services serves as part of the Telecommunications Team that plans, designs, implements, and works with partners and staff on new initiatives along with Engineering, Legal and GDDC. Among the benefits of this initiative include no cost internet services to the city saving approximately \$18,000 per year, connectivity to several city-sites including Sutton Pool, Eagle Point Water Plant, Comiskey Park, the 3rd Street Water Tower Data center site, City Greenhouse, Bee Branch and several camera and traffic signal locations. The public/private collaborations have also provided shared co-location sites for network co-location at ImOn and ICN points of presence.



10. Software License expense increased from \$544,128 in FY 2022 to \$552,825 in FY 2023. The software licenses budgeted are as follows:

Software	FY 2022	FY 2023	Change
Sophos Mobile	\$ 13,877	\$ —	\$ (13,877) (b)
LogLogic	13,650	15,400	1,750
Battery & Environment Monitoring	861	861	—
Cartegraph Licensing	15,780	15,780	—
Domain Names/SSL Certificate	2,171	2,400	229
FreshService Licensing	2,461	2,461	—
FTP Site	5,336	5,232	(104)
GIS Annual Support	63,700	63,000	(700)
GitHub Maintenance	306	306	—
GotoAssist	5,280	5,280	—
GotoMeeting	14,088	12,240	(1,848) (c)
GoToMyPC	25,412	11,424	(13,988) (c)
Informix 4J's Compiler	604	—	(604) (a)
Informix 4J's User	4,953	—	(4,953) (a)
Laserfiche	52,106	52,000	(106)
LastPass Manager	—	17,136	17,136
Novus Agenda	5,800	5,800	—
Office 365	130,840	134,026	3,186
Office 365 Manager Plus	3,720	3,720	—
PDQ Deploy	6,750	6,750	—
Print Audit	—	4,684	4,684
Retain Email Archive	34,606	38,000	3,394
Rightfax	1,808	1,843	35
Mitel Maintenance	8,879	8,879	—
Mitel Reporting	—	889	889
Socrata Licensing & Maintenance	72,000	72,000	—
Sophos Antivirus	30,115	43,992	13,877
Sophos Firewall Maint.	4,722	4,722	—
VMWare	24,303	24,000	(303)
	<u>\$ 544,128</u>	<u>\$ 552,825</u>	<u>\$ 8,697</u>

(a) Licensing decreased upon returning on-site.

(b) Sophos Mobile is now combined with Sophos Licensing & Maintenance.

(c) Volume licensing provided in FY 2023.

## Machinery & Equipment

10. Equipment replacement items include (\$101,890):

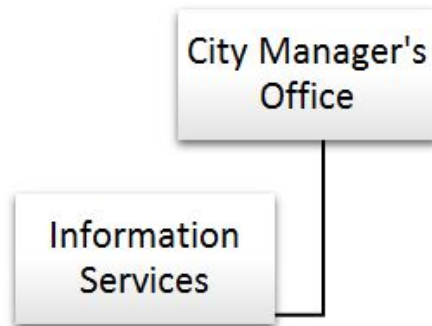
Smartphones (7)	\$ 12,500
Network Switches	\$ 89,390
<b>Total Equipment</b>	<b><u>\$ 101,890</u></b>

## Revenue

1. Specialized services revenue related to department contracts and maintenance recharges decreased from \$371,171 in FY 2022 to \$369,340 in FY 2023. In FY 2022, Legacy recharges included operations and support for Utility Billing, Finance (AP, AR, Parking Tickets and Payroll,) Budget and Human Resources. With the outsourcing of printing the amount recharged for the operations portion of Legacy systems was reduced by approximately 58%. The amount of Legacy system support (trouble-shooting, debugging and work for the ERP implementation) increased by 25% due additional staff resources needed and position re-classification resulting in a higher cost per hour. Changes in recharges for Non-legacy systems are due to variations in the factors that impact the software licensing recharge calculation which may include number of users, number of e-mail boxes, number of devices or type of licensing plan used for Microsoft 365. In FY 2023 Costs that are recharged for software decreased by 5%. Information Services uses a recharging system for end users for network installation, PC set-up, maintenance, trouble-shooting, and repair charges thru optional service agreements that began FY 2000. In addition, departments receive recharges for maintenance agreement costs on City wide software based on the number of users in their department.

# INFORMATION SERVICES

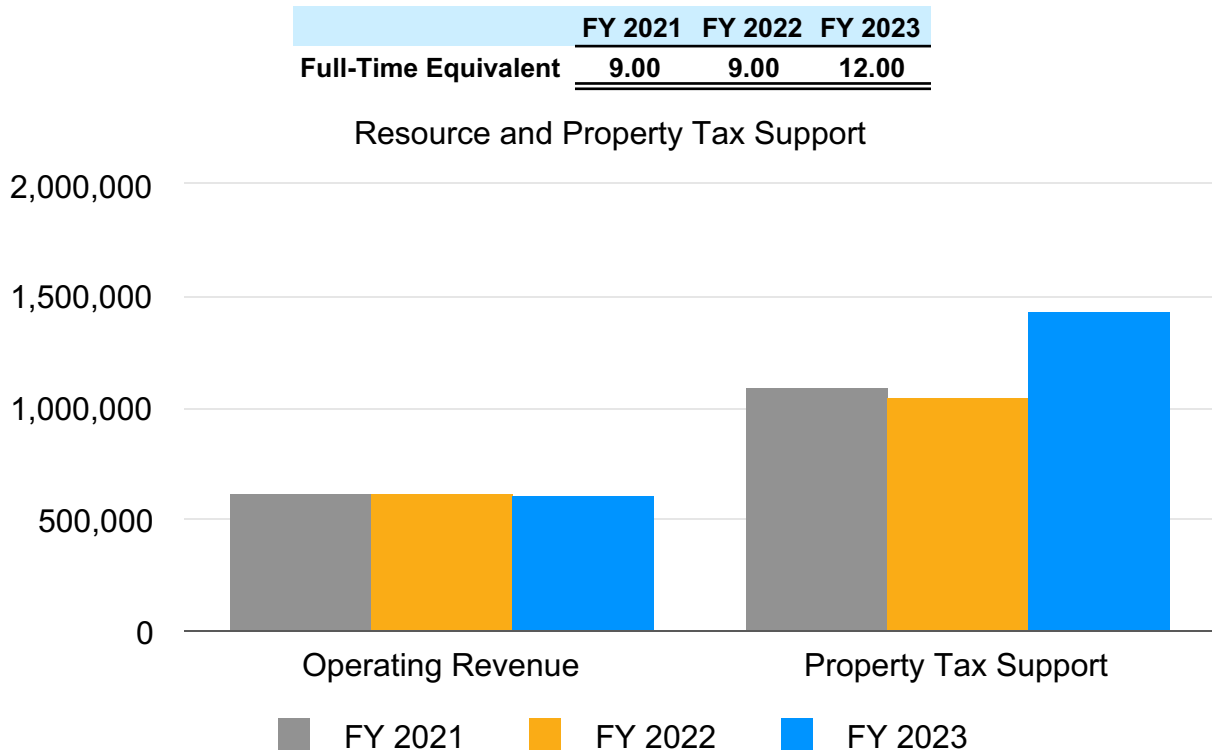
Information Services is committed to enhancing and supporting high performance government through the effective application of technology, resilient and reliable infrastructure and demonstration of quality of services to our users.



## SUCCESS IS ABOUT PLANNING, PARTNERSHIPS AND PEOPLE LEADING TO OUTCOMES

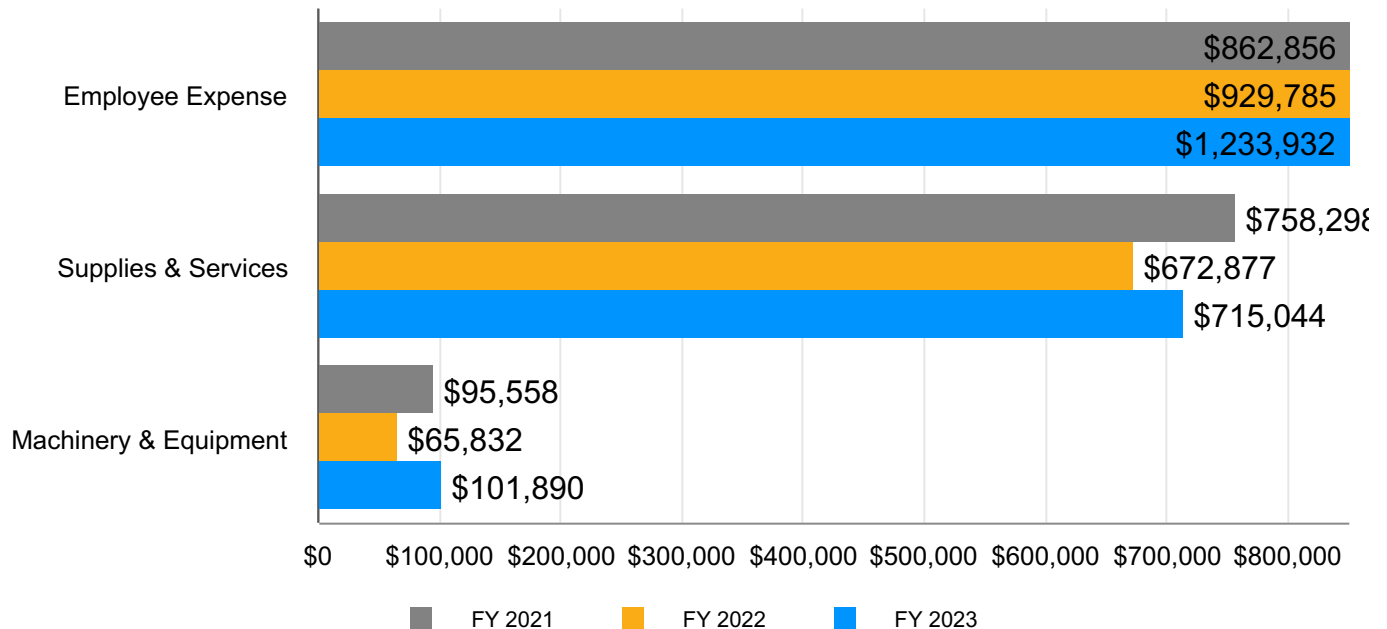


# INFORMATION SERVICES



Information Services is supported by 12.00 full-time equivalent employees, which accounts for 60.17% of the department expense as seen below. Overall, the departments' expenses are expected to increase by 22.92% in FY 2023 compared to FY 2022.

## Expenditures by Category by Fiscal Year



# INFORMATION SERVICES

## Mission & Services

Information Services advances productivity and equitable resident responsiveness of department staff by saving time and money through the effective use of technology, supporting resilient and reliable infrastructure and providing high quality services.



- **Network Administration** : Providing secure, effective and efficient use of technology infrastructure and resources.
- **User and Application Management and Support**: Providing high quality, responsive technical support to the City's 700 users of technology and enterprise application management.
- **Security**: Sustaining security and protection of the City's data assets using state-of-the art threat protection/response and cybersecurity best practices.
- **Consultation and Project Management**: Providing consultation and project management to new and updated technology projects and initiatives.

Position Summary	
	FY 2023
INFORMATION SERVICES MANAGER	1.00
SENIOR NETWORK/SYSTEMS ADMIN	1.00
LEAD APPLICATIONS/NETWORK	4.00
HELP DESK TECHNICAL SUPPORT	3.00
CHIEF SECURITY OFFICER	1.00
USER TECHNOLOGY SPECIALIST	1.00
INTERN-SEASONAL	1.00
<b>Total FT Equivalent Employees</b>	<b>12.00</b>




## Performance Measures

### City Council Goal: Financially Responsible, High-Performing Government



#### 1 Dept. Objective: Provide high-quality technical solutions and support services to all users.

Performance Measure (KPI)	Target	FY 2020 Actual	FY 2021 Actual	FY 2022 Estimated	Performance Indicator
% Virtual Servers Updated (% updated of total 75 servers)	100%	93%	N/A	95%	
% Overall Up-Time	99% +	99%	N/A	99.99%	

#### 2 Dept. Objective: Provide solutions & services that maximize the investment in technology assets.

% storage growth	N/A	N/A	N/A	N/A	
# Training sessions/education provided for employees by IS staff	75	50	N/A	62	
# Hours planned "down-time" for network maintenance	88	78	N/A	78	

#### 3 Dept. Objective: Data assets are safe and continuity of business is insured.

% of total inbound intrusions that were blocked	100%	99%	100%	100%	
% of total inbound viruses that were blocked	100%	100%	100%	100%	

**Recommended Operating Revenue Budget - Department Total**  
**77 - INFORMATION SERVICES**

<b>Fund</b>	<b>Account</b>	<b>Account Title</b>	<b>FY19 Actual Revenue</b>	<b>FY20 Actual Revenue</b>	<b>FY21 Adopted Budget</b>	<b>FY22 Recomm'd Budget</b>
100	53201	REFUNDS	0	1,921	0	0
100	53510	FINANCE-DP SERVICE	23,079	20,852	20,852	18,596
100	53511	PAYROLL-DP SERVICE	20,998	23,048	23,048	17,753
100	53512	PERSONNEL-DP SERVICE	4,162	3,997	3,997	1,686
100	53513	BUDGET-DP SERVICE	1,041	999	999	422
100	53515	ACCTS REC-DP SERVICE	15,795	13,858	13,858	15,645
100	53516	FLEET MAINT-DP SERVICE	1,847	1,847	1,847	1,847
100	53517	PARKING FINES-DP SERVICE	14,939	17,705	17,705	15,223
100	53518	POLICE-UNIX/SYS SUPPLIES	115,409	117,742	117,742	135,625
100	53519	UTIL BILLING-DP SERVICE	53,729	47,625	47,625	36,670
100	53530	SPECIALIZED SERVICES	304,820	371,171	371,171	369,340
100	53620	REIMBURSEMENTS-GENERAL	692	318	0	0
<b>53</b>	<b>MISCELLANEOUS</b>	<b>- Total</b>	<b>556,511</b>	<b>621,083</b>	<b>618,844</b>	<b>612,807</b>
		<b>INFORMATION SERVICES - Total</b>	<b>556,511</b>	<b>621,083</b>	<b>618,844</b>	<b>612,807</b>

**Recommended Operating Expenditure Budget - Department Total**  
**77 - INFORMATION SERVICES**

<b>Fund</b>	<b>Account</b>	<b>Account Title</b>	<b>FY20 Actual Expense</b>	<b>FY21 Actual Expense</b>	<b>FY22 Adopted Budget</b>	<b>FY 23 Recomm'd Budget</b>
100	61010	FULL-TIME EMPLOYEES	565,600	618,631	666,241	884,229
100	61020	PART-TIME EMPLOYEES	0	531	0	0
100	61030	SEASONAL EMPLOYEES	19,802	14,367	27,854	28,752
100	61050	OVERTIME PAY	2,023	848	3,513	3,513
100	61084	ISOLATION ORDER	0	1,579	0	0
100	61085	SELF QUARANTINE HEALTH	0	4,419	0	0
100	61091	SICK LEAVE PAYOFF	0	0	0	5,658
100	61092	VACATION PAYOFF	0	1,259	0	0
100	61095	PARENTAL LEAVE	1,342	7,580	0	0
100	61096	50% SICK LEAVE PAYOUT	3,040	4,736	3,040	4,736
100	61310	IPERS	54,072	60,709	69,133	86,517
100	61320	SOCIAL SECURITY	42,357	47,734	53,368	70,708
100	61410	HEALTH INSURANCE	86,688	98,368	104,256	147,708
100	61415	WORKMENS' COMPENSATION	1,535	1,647	1,295	1,383
100	61416	LIFE INSURANCE	412	448	458	506
100	61417	UNEMPLOYMENT INSURANCE	444	0	222	222
100	61660	EMPLOYEE PHYSICALS	405	0	405	0
<b>61 - WAGES AND BENEFITS</b>			<b>777,721</b>	<b>862,856</b>	<b>929,785</b>	<b>1,233,932</b>
100	62010	OFFICE SUPPLIES	1,556	730	1,596	1,404
100	62011	UNIFORM PURCHASES	50	0	50	0
100	62030	POSTAGE AND SHIPPING	54	0	55	0
290	62030	POSTAGE AND SHIPPING	10	0	10	0
100	62050	OFFICE EQUIPMENT MAINT	463	490	452	500
100	62090	PRINTING & BINDING	57	0	45	58
100	62110	COPYING/REPRODUCTION	566	172	566	172
100	62130	LEGAL NOTICES & ADS	469	0	469	0
100	62190	DUES & MEMBERSHIPS	955	0	966	966
100	62206	PROPERTY INSURANCE	10,120	0	10,145	0
100	62208	GENERAL LIABILITY INSURAN	3,789	3,684	3,906	5,166
100	62310	TRAVEL-CONFERENCES	3,511	469	2,449	2,449
100	62320	TRAVEL-CITY BUSINESS	30	0	0	0
100	62340	MILEAGE/LOCAL TRANSP	270	87	285	285
100	62360	EDUCATION & TRAINING	15,033	0	12,560	12,560
100	62421	TELEPHONE	8,217	16,757	20,448	8,208
100	62424	RADIO/PAGER FEE	633	633	671	671
100	62436	RENTAL OF SPACE	2,430	2,835	2,430	3,840
100	62611	MACH/EQUIP MAINTENANCE	4,615	29,424	48,700	29,424
100	62663	SOFTWARE LICENSE EXP	511,148	691,650	544,128	639,125
100	62667	DATA SERVICES	3,046	4,716	3,046	4,716
100	62716	CONSULTANT SERVICES	14,755	6,650	19,900	5,500
<b>62 - SUPPLIES AND SERVICES</b>			<b>581,775</b>	<b>758,298</b>	<b>672,877</b>	<b>715,044</b>
100	71120	PERIPHERALS, COMPUTER	1,050	596	0	0
100	71123	SOFTWARE	0	2,124	0	0
100	71124	COMPUTER	2,274	0	0	0
100	71126	HARDWARE	4,893	75,280	63,410	89,390

**Recommended Operating Expenditure Budget - Department Total**  
**77 - INFORMATION SERVICES**

<b>Fund</b>	<b>Account</b>	<b>Account Title</b>	<b>FY20 Actual Expense</b>	<b>FY21 Actual Expense</b>	<b>FY22 Adopted Budget</b>	<b>FY 23 Recomm'd Budget</b>
100	71127	UPS SYSTEM	0	15,158	0	0
100	72418	TELEPHONE RELATED	13,838	0	2,422	12,500
100	72515	TEST EQUIPMENT, OTHER	0	2,400	0	0
<b>71 - EQUIPMENT</b>			<b>22,055</b>	<b>95,558</b>	<b>65,832</b>	<b>101,890</b>
100	73210	CONST CONTRACT-BLDG	0	0	7,500	0
<b>73 - CIP EXPENDITURES</b>			<b>0</b>	<b>0</b>	<b>7,500</b>	<b>0</b>
<b>77 - INFORMATION SERVICES TOTAL</b>			<b>1,381,550</b>	<b>1,716,712</b>	<b>1,675,994</b>	<b>2,050,866</b>



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## Recommended Expenditure Budget Report by Activity & Funding Source

### 77 - INFORMATION SERVICES

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#### INFORMATION SERVICES - 77100

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##### FUNDING SOURCE: MEDIA SERVICE

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CIP EXPENDITURES	—	7,500	—
EQUIPMENT	95,558	65,832	101,890
SUPPLIES AND SERVICES	758,298	672,877	715,044
WAGES AND BENEFITS	862,856	929,785	1,233,932
<b>INFORMATION SERVICES</b>	<b>\$1,716,712</b>	<b>\$1,675,994</b>	<b>\$2,050,866</b>
<b>INFORMATION SERVICES TOTAL</b>	<b>\$1,716,712</b>	<b>\$1,675,994</b>	<b>\$2,050,866</b>

CITY OF DUBUQUE, IOWA  
DEPARTMENT DETAIL - PERSONNEL COMPLEMENT

77 INFORMATION SERVICES DIVISION

FD	JC	WP-GR	JOB CLASS	FY 2021		FY 2022		FY 2023	
				FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
61010 Full Time Employee Expense									
100	9400	GE-44	INFORMATION SERVICES MANAGER	1.00	\$ 121,681	1.00	\$ 130,163	1.00	\$ 149,237
100	8650	GE-37	SENIOR NETWORK/SYSTEMS ADMIN	1.00	\$ 90,291	1.00	\$ 96,686	1.00	\$ 100,629
100	8600	GE-35	LEAD APPLICATIONS/NETWORK	3.00	\$ 222,780	3.00	\$ 259,271	4.00	\$ 347,424
100	8500	GE-30	INFORMATION TECH SPECIALIST	1.00	\$ 65,320	1.00	\$ 66,299	—	\$ —
100		GE-27	HELP DESK TECHNICAL SUPPORT	1.00	\$ 45,955	1.00	\$ 49,212	3.00	\$ 150,184
100		GE-39	CHIEF SECURITY OFFICER	—	\$ —	—	\$ —	1.00	\$ 85,390
100	490	GE-29	USER TECHNOLOGY SPECIALIST	1.00	\$ 63,668	1.00	\$ 64,610	1.00	\$ 51,365
TOTAL FULL TIME EMPLOYEES				8.00	\$ 609,695	8.00	\$ 666,241	11.00	\$ 884,229
61030 Seasonal Employee Expense									
100	650	NA-38	INTERN-SEASONAL	1.00	\$ 27,436	1.00	\$ 27,854	1.00	\$ 28,752
TOTAL SEASONAL EMPLOYEES				1.00	\$ 27,436	1.00	\$ 27,854	1.00	\$ 28,752
TOTAL INFORMATION SERVICES				9.00	\$ 637,131	9.00	\$ 694,095	12.00	\$ 912,981

**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023		
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET	
Information Services - General Fund											
10077100	61010	100	9400	GE-44	INFO SERVICES MANAGER	1.00	\$ 121,681	1.00	\$ 130,163	1.00	\$ 149,237
10077100	61010	100	8650	GE-37	SENIOR NETWORK/SYSTEMS ADMIN	1.00	\$ 90,291	1.00	\$ 96,686	1.00	\$ 100,629
10077100	61010	100	8600	GE-35	LEAD APP/NETWORK ANALYST	3.00	\$222,780	3.00	\$259,271	4.00	\$ 347,424
10077100	61010	100	8500	GE-30	INFO TECHNOLOGY SPECIALIST	1.00	\$ 65,320	1.00	\$ 66,299	—	\$ —
10077100	61010	100		GE-27	HELP DESK TECHINICAL SUPPORT	1.00	\$ 45,955	1.00	\$ 49,212	3.00	\$ 150,184
10077100	61010	100		GE-39	CHIEF SECURITY OFFICER	—	\$ —	—	\$ —	1.00	\$ 85,390
10077100	61010	100	490	GE-29	USER TECHNOLOGY SPECIALIST	1.00	\$ 63,668	1.00	\$ 64,610	1.00	\$ 51,365
Total						8.00	\$609,695	8.00	\$666,241	11.00	\$ 884,229
Information Services - General Fund											
10077100	61030	100	650	NA-38	INTERN-SEASONAL	1.00	\$ 27,436	1.00	\$ 27,854	1.00	\$ 28,752
Total						1.00	\$ 27,436	1.00	\$ 27,854	1.00	\$ 28,752
TOTAL INFORMATION SERVICES DIVISION						9.00	\$637,131	9.00	\$694,095	12.00	\$ 912,981

Capital Improvement Projects by Department/Division					
INFORMATION SERVICES					
CIP Number	Capital Improvement Project Title	FY 20 Actual Expense	FY 21 Actual Expense	FY 22 Adopted Budget	FY 23 Recomm'd Budget
1001069	INTERNET,MICROS & PRINTER	5,786	1,752	—	—
1011069	INTERNET,MICROS & PRINTER	104,861	—	—	—
1012940	FIBER OPTIC DOC & MAINT	—	—	100,000	—
1021051	OFFICE REDESIGN	—	—	25,000	50,000
1021069	INTERNET,MICROS & PRINTER	270,004	78,620	507,195	—
1021949	BUSINESS CONT. FOR SERVER	—	—	—	60,000
1022683	WORKSTATION/CHAIR REPLACE	—	—	—	—
1022684	LASERFICHE FULL USER LICE	—	—	—	—
1022726	ANNEX 2ND FLR LOW VOLTAGE	—	—	—	—
1022808	NETWORK SEC RISK ASSESS	—	25,000	10,000	—
1022809	REDUNDANT NETWORK SWITCH	—	—	—	—
1022864	RANSOMWARE DEFENDER REC	—	—	—	3,210
2501069	INTERNET,MICROS & PRINTER	8,805	474	—	11,200
2502435	CITY WIDE MULTIFUNC RPL	—	—	—	—
2901069	INTERNET,MICROS & PRINTER	6,751	2,026	5,600	920
3001069	INTERNET,MICROS & PRINTER	—	—	13,240	—
3501069	INTERNET,MICROS & PRINTER	40,731	29,925	278,497	864,131
3501846	NETWORK SWITCH RPLC	12,513	30,359	—	—
3501950	FIBER CONDUIT MNT DOC	—	—	—	50,000
3502435	CITY WIDE MULTIFUNC RPL	—	6,710	—	—
3502808	NETWORK SEC RISK ASSESS	—	—	5,000	—
3502809	REDUNDANT NETWORK SWITCH	—	—	75,229	—
3502862	ENTERPRISE FIREWALL SEC	—	—	—	—
3502865	NETWORK MONITORING TROUB	—	—	—	—
3502939	DATA VAULT	—	—	200,000	—
3502941	ISILON DISK STORAGE	—	—	250,000	—
6001069	INTERNET,MICROS & PRINTER	10,366	1,102	—	2,300
6002435	CITY WIDE MULTIFUNC RPL	—	—	—	—
6701069	INTERNET,MICROS & PRINTER	3,831	3,452	—	1,840
6702435	CITY WIDE MULTIFUNC RPL	—	—	—	—
7101069	INTERNET,MICROS & PRINTER	10,387	12,104	250	37,330
7102435	CITY WIDE MULTIFUNC RPL	—	—	—	—
7201069	INTERNET,MICROS & PRINTER	7,137	303	5,460	3,020
7202435	CITY WIDE MULTIFUNC RPL	—	—	—	—
7301069	INTERNET,MICROS & PRINTER	12,947	1,102	—	2,300
7302435	CITY WIDE MULTIFUNC RPL	—	—	—	—
7401069	INTERNET,MICROS & PRINTER	14,819	653	—	9,440
7402435	CITY WIDE MULTIFUNC RPL	—	—	—	—
8101069	INTERNET,MICROS & PRINTER	14,260	2,555	2,200	10,320
8102435	CITY WIDE MULTIFUNC RPL	0	0	0	0
9401069	INTERNET,MICROS & PRINTER	9,270	2,543	42,820	13,120
<b>INFORMATION SERVICES</b>	<b>TOTAL</b>	<b>532,467</b>	<b>198,681</b>	<b>1,520,491</b>	<b>1,119,131</b>

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL	PAGE
<b>INFORMATION SERVICES</b>								
<b>Business Type</b>								
	City-Wide Computer and Printer Replacements- Business	\$ 79,670	\$ 96,294	\$ 91,270	\$ 75,670	\$ 37,430	\$ 380,334	404
<b>General Government</b>								
	City-Wide Computer and Printer Replacements - General Gov	\$ 876,251	\$ 509,470	\$ 461,600	\$ 1,025,552	\$ 630,165	\$ 3,503,038	405
	Network Security Risk Assessment	\$ —	\$ 15,000	\$ —	\$ —	\$ —	\$ 15,000	406
	Fiber Optic Documentation and Maintenance	\$ 50,000	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ 150,000	407
	Office Redesign	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000	408
	Ransomware Defender and File Recovery	\$ 3,210	\$ —	\$ —	\$ —	\$ —	\$ 3,210	409
	Data Center	\$ 60,000	\$ 406,213	\$ 233,664	\$ 158,049	\$ —	\$ 857,926	410
	<b>TOTAL</b>	<b>\$1,119,131</b>	<b>\$1,076,977</b>	<b>\$ 836,534</b>	<b>\$1,259,271</b>	<b>\$ 667,595</b>	<b>\$4,959,508</b>	

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# **Water Department**

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## WATER DEPARTMENT

Budget Highlights	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested	% Change From FY 2022 Budget
<u>Expenses</u>				
Employee Expense	2,247,452	2,521,261	2,514,330	(0.3)%
Supplies and Services	2,558,634	2,649,327	2,702,358	2.0 %
Machinery and Equipment	714,163	564,750	960,568	70.1 %
Administrative Overhead Recharges	424,310	435,271	452,767	4.0 %
Finance Utility Billing	10,873	—	—	— %
Engineering Water Maintenance Charges	40,306	29,673	42,951	44.7 %
Payment in Lieu of Taxes	142,884	142,884	142,884	— %
Payment to Construction Fund	550,000	400,000	1,000,000	150.0 %
Debt Service	11,969,207	3,897,961	2,692,470	(30.9)%
Total Expenses	18,657,829	10,641,127	10,508,328	(1.2)%
<u>Resources</u>				
Operating Revenue	19,777,274	10,553,217	11,630,469	10.2 %
General Fund - Rate Subsidy	21,315	96,126	25,000	(74.0)%
Total Resources	19,798,589	10,649,343	11,655,469	9.4 %
Net Operating Surplus (Deficit)	1,140,760	8,216	1,147,141	1,138,925
<b>Personnel - Authorized FTE</b>	<b>26.07</b>	<b>26.07</b>	<b>26.07</b>	
<b>Water User Fee Rate Increase</b>	<b>— %</b>	<b>3 %</b>	<b>5 %</b>	
<b>Revenue 1% Rate Increase Generates</b>			<b>\$ 85,475</b>	

### Improvement Package Summary

#### 1 of 6

This improvement request is for the purchase of one new GPS Unit. This GPS unit will work wirelessly with the tablet for real time placement of water features in the field while infrastructure is being installed. City Engineering has had much success with this exact same unit over the last couple of years. The water department has eight staff members fully trained on how to operate the GPS unit and would allow us to send multiple teams into the field to perform data collection. The existing R2 GPS unit has proved to be invaluable for on site data collection and it would be useful to have a second device when work is going on at different ends of the the city. This is a proactive, sustainable approach of being as effective and efficient with the operation in providing uninterrupted service to citizens, contractors, developers and engineering firms that are served. This follows the City Council goal of having a Sustainable Environment: Become a resilient city using sustainable and affordable technology for water, energy, transportation, health and wellness, discard, community engagement - a model community for the world.

Related Cost:	\$880	Water User Fees	Recurring	<b>Recommend - Yes</b>
Related Cost:	\$6,600	Water User Fees	Non-Recurring	
Net Cost:	<u>\$7,480</u>			
Water Rate Impact:	0.08 %			
Activity: Distribution				

**2 of 6**

This improvement request is for a Flexipro Video Camera to be used for inspection of the interior of existing water mains for evaluation of water main replacement for future street and green alley projects. This also provides means to see inside existing water mains through fire hydrants or cut outs of water main up to 400 feet in each direction. Public Works Department has a similar camera for sewer inspections, but are not able to use for sanitary reasons. This follows the Council Goals and priorities of a Sustainable Environment: Provide safe, dependable drinking water for all residents.

Related Cost:	<u>\$ 9,500</u>	Water User Fees	Non-Recurring	<b>Recommend - Yes</b>
Net Cost:	<u><u>\$ 9,500</u></u>			
Water Rate Impact:	0.11 %			
Activity: Distribution				

**3 of 6**

This improvement request is for a set of four file cabinets with table top to match Public Works File Cabinets, which will be placed in the open area of the Municipal Service Center. Per John Klostermann, Public Works Director, our filing cabinets must match their filing cabinets so everything is uniform. File Cabinets will be used to house Development Review Project Folders and Fire Sprinkler Plans that are older than five years. This was planned to be housed in the Water Distribution File room on the mezzanine in the garage, due to the amount of dust particles entering this room, it is not conducive to place file project folder records. This follows the City Council Goals and Priorities of a Financially responsible, High performance City Organization: Secure City information and data using "Best Practices".

Related Cost:	<u>\$ 3,300</u>	Water User Fees	Non-Recurring	<b>Recommend - Yes</b>
Net Cost:	<u><u>\$ 3,300</u></u>			
Water Rate Impact:	0.04 %			
Activity: Distribution				

**4 of 6**

This improvement request is for a vehicle for the use of the maintenance and supervisory staff at the Eagle Point Water Treatment Plant. Use and benefit of the vehicle would be used by maintenance at the pump stations including, but not limited to, delivering bulk sodium hypochlorite liquid, changing reagents for chlorine analyzers, well sampling and measurement, distribution system sampling, safety and security inspections at the tanks, towers, and delivering parts as necessary to each of the nineteen(19) remote facilities of the treatment and pumping operation. The vehicle will also be fitted with a plow for snow removal to aid the Public Works Department, a utility box for onsite repairs and maintenance work, and will have a spray in the bed liner for hauling materials and products to each site. This third vehicle will be used to improve situations associated with the daily challenges of four maintenance and operations staff, two operator special assignments and two maintenance staff, managing electrical and mechanical needs which are often at odds with scheduling two vehicles and ensuring work is performed in a timely manner. A third vehicle will reduce the wait and response time to perform their work and improve overall efficiency within the group. This vehicle will also provide available transportation for staff to deliver customer notices and the consumer confidence reports. It will also provide transportation for other City business, like conferences, classes, etc., which are now being done with private vehicles. The vehicle is a 3/4 ton truck with utility box and snowplow. This improvement package follows the City Council Goals and Priorities: Financially Responsible, High Performance City Organization: Sustainable, Equitable, and effective Service Delivery.

Related Cost:	<u>\$66,000</u>	Water User Fees	Non-Recurring	<b>Recommend - Yes</b>
Net Cost:	<u><u>\$66,000</u></u>			
Water Rate Impact:	0.78 %			
Activity: Distribution				

## 5 of 6

This improvement request is for a stand alone SureCall Cellular Distributed Antenna System (DAS) for the Water Distribution Department Staff at the City of Dubuque Public Works building. This system would boost the cellular signal for the area in the Public Works Building that is isolated from any windows (Water Distribution Department) where cellular signal can be obtained. The SureCall DAS System consists of one signal amplifier, one rooftop mounted antenna, and up to two (2) interior antennas that will be mounted in the affected areas. Use and benefit of the SureCall DAS System would improve efficiency in daily operations such as: making/receiving calls from Distribution crews, contractors, receiving notifications such as two-factor identification, and effective use of the Panic Button app, in case of emergencies. This improvement package follows the City Council Goals and Priorities: Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery

Related Cost:	\$12,632	Water User Fees	Non-Recurring	<b>Recommend - Yes</b>
Net Cost:	<u>\$12,632</u>			
Water Rate Impact:	0.15 %			
Activity:	Plant Operations			

## 6 of 6

This improvement request would provide funding for Cartegraph's programming services, training and any software add ons that are beyond the standard to help efficiently manage and report on daily operations including generation of Work Orders, Preventative and Corrective Maintenance orders, inventory management, Job Costing, Procurement Management(quotations and requisition processes) and Scheduling and Service Requests. This follows the City Council Goal of financially responsible, high performance city organization, sustainable, equitable and effective service delivery.

Related Cost:	\$65,000	Water User Fees	Non-Recurring	<b>Recommend - Yes</b>
Net Cost:	<u>\$65,000</u>			
Water Rate Impact:	0.77 %			
Activity:	Administration			

### Significant Line Items

#### Employee Expense

1. FY 2023 employee expense reflects a 3.25% wage package increase.
2. The Iowa Public Employee Retirement System (IPERS) City contribution of 9.44% is unchanged from FY 2022 The employee contribution of 6.29% is unchanged from FY 2022.
3. The City portion of health insurance expense increased from \$1,086 in FY 2022 to \$1,119 in FY 2023 per month per contract which results in an annual cost increase of \$3,452 or 3.00%.
4. Overtime is unchanged from \$94,040 in FY 2022 to \$94,040 in FY 2023 . FY 2021 actual was \$105,353.
5. Five-Year Retiree Sick leave payout is decreased from \$31,850 in FY 2022 to \$11,094 in FY 2023.
6. 50% Sick Leave Payout increased from \$766 in FY 2022 to \$1,841 in FY 2023 based on FY 2022 actual to-date. 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.
7. An additional decrease in employee health insurance (\$-3,452) reflects a corrected miscalculation included in prior year expense.

## Supplies & Services

8. Property Insurance increased from \$72,702 in FY 2022 to \$89,389 in FY 2023 based on FY 2022 actual plus 9.5%.
9. Electricity Utility Expense decreased from \$770,628 in FY 2022 to \$668,402 in FY 2023 based on FY 2019 actual of \$730,336 less 8%.
10. Gas Utility Expense increased from \$37,210 in FY 2022 to \$39,992 in FY 2023. This is based on FY 2019 actual of \$36,825 plus 8.6%.
11. Sales Tax expense increased from \$454,532 in FY 2022 to \$460,710 in FY 2023 based on FY 2021 actual plus an increase in water rates in FY 2023 of 5%. This expense is directly offset by sales tax revenue.
12. Machinery and Equipment Maintenance decreased from \$83,994 in FY 2022 to \$63,457 in FY 2023 based on FY 2021 actual of \$63,208. This line item represents wells, filters, pumps, generators, chemical unloading and storage, chemical feed equipment, chlorinators, lime slackers, clarifiers, air compressors and air system components, telemetry, HVAC, elevator, computer maintenance, sludge plant, electrical controls, and sensors.
13. Costs for Fluoride, Phosphate, Chlorine, Carbon Dioxide, Lime, and Polymer expense (water processing materials) decreased from \$452,099 in FY 2022 to \$335,000 in FY 2023. Chlorine increased from \$30,744 in FY 2022 to \$40,675 in FY 2023. Lime decreased from \$319,000 in FY 2022 to \$319,650 in FY 2023. Carbon dioxide increased from \$20,679 in FY 2022 to \$29,275 in FY 2023.
14. Hauling Services unchanged from \$165,000 in FY 2022 to \$165,000 in FY 2023 based on FY 2022 actual price per ton unchanged. The amount of hauled tons of lime sludge is highly variable from year to year and is based on hauling approximately 15,000 tons per year. FY 2021 actual expense was \$212,476.
15. Consultant Services increased from \$29,000 in FY 2022 to \$33,000 in FY 2023. This line item includes a leak survey (\$18,000) and water storage tank inspections (\$15,000).
16. Software increased from \$61,128 in FY 2022 to \$94,610 in FY 2023. This increase is largely due to (\$31,000) Hach Wims and Access Technologies expense previously charged to an equipment line item. This line item includes the following breakout costs:

<b>Software</b>	<b>FY 2023</b>
<b>Water Administration</b>	
Laserfiche License	282
GoToMyPC (5)	720
<b>Water Meters</b>	
Tokay Software	1,500
WaterSmart	31,568
Neptune360 (50%)	23,640
<b>Water Plant Operations</b>	
Scada Tech Support For Rockwell Software	4,900
Hach Wims And Access Technologies	31,000
<b>Water Distribution</b>	
AutoCAD	1,000
<b>Total Software</b>	<b>\$94,610</b>

17. Property Maintenance increased from \$30,311 in FY 2022 to \$45,170 in FY 2023 based on FY 2021 actual. This line item represents the contract for building and grounds maintenance for Eagle Point Plant, sludge plant, storage tanks, reservoirs, booster stations, well houses.
18. Pipe Special Fittings is increased from \$50,290 in FY 2022 to \$75,472 in FY 2023 based on FY 2021 actual. This line item represents the purchase of water pipe, special fitting and tapping material for the distribution system. There is associated revenue budgeted in taps (\$35,121) and taps services (\$55,000) that covers these expenses.
19. Valves increased from \$49,955 in FY 2022 to \$64,000 in FY 2023 based on FY 2021 actual. This line item represents the material cost only for valves in the distribution system (9 valves) and ongoing valve replacement and maintenance internally in the plant.
20. Environment Testing/Monitoring unchanged from \$35,600 in FY 2022 to \$35,600 in FY 2023 based on FY 2022 budget. FY 2021 actual was \$38,048. This line item represents the cost of samples due to boil advisories, chlorine monitoring, increased testing for expansion of system, and water quality testing using the Heterotrophic Plate Count (HPC) test. The HPC test detects the growth of pathogens beyond bacteria testing, that might be present, which is especially important after main breaks, loss of pressure, and following new connections. HPC testing is conducted twice per month or as needed following an emergency.
21. Engineering Water Maintenance Charges provides for in-house utility locates for various water distribution operations through Engineering Department (\$42,951). FY 2022 was budgeted at \$29,673 which is a 44.75% increase in FY 2023.

## Machinery & Equipment

22. Equipment replacement items at the maintenance level include (\$960,568):

<u>Water Administration</u>		
Smart Phone (1)	\$	350
<u>Meters</u>		
Smart Phone (2)	\$	700
<u>Plant Operation &amp; Maintenance</u>		
Smart Phone (2)	\$	700
<u>Water Distribution System</u>		
Shop Equipment	\$	250
Hydrants	\$	70,000
Electric Pump (2)	\$	30,000
Cut Off Saw	\$	3,200
Gas Generator	\$	2,400
Barricades/Warn Safety Signals	\$	1,000
Smartphones (3)	\$	13,682
Portable Parallel Analyzer Test Equipment	\$	5,000
Shop Vac	\$	1,000
<u>Annual Maintenance Projects</u>		
Pump Replace Vacuum Filter	\$	15,000
Generator Maintenance Program	\$	8,000
Valve Replacement	\$	70,000
Water Main Replacements (Repair)	\$	350,000
Large Water Meters Exchange	\$	191,306
Water Valve Box Maintenance	\$	25,000
Water Meter Testing	\$	25,000
<b>Recommended Improvement Packages</b>	\$	16,980
	\$	<u>960,568</u>

## Debt Service

23. Annual debt service reflects repayment to (\$2,692,470):

Amount	Debt Series	Source	Purpose	Final Payment	Call Date
\$ 58,740	SRF 2007A	Water Fees	Clear Wells	2028	
\$ 218,567	SRF Series 2009	Water Fees	Meter Change-Out	2031	
\$ 423,300	Revenue 2021C	Water Fees	Water Improvements	2030	2028
\$ 107,115	G.O. 2018A	Water Fees	Water Improvements	2031	2026
\$ 40,245	G.O. 2021A	Water Fees	Water Improvements	2032	2028
\$ 137,749	G.O. 2021A	Water Fees	Water Improvements	2033	2026
\$ 659,200	G.O. 20121A	Water Fees	Water Improvements	2032	2028
\$ 42,888	G.O. 2016C	Water Fees	Water Improvements	2033	2024

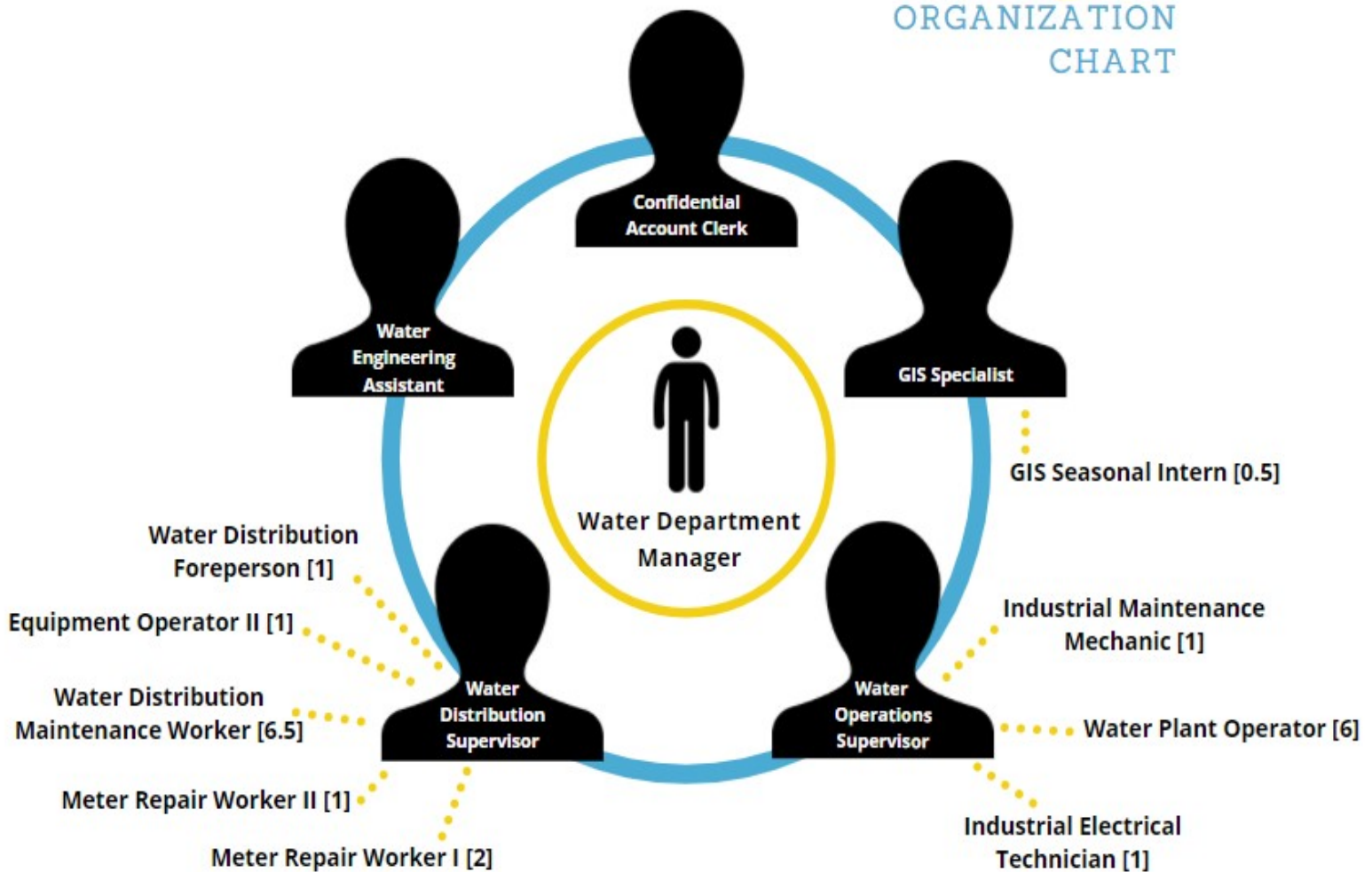
\$ 674,200	SRF 2017	Water Fees	CIWA Purchase/Imp	2036
\$ 268,680	SRF 2019	Water Fees	Roosevelt Water Tower	2038
\$ 59,597	SRF 2021	Water Fees	Water Improvements	2041
\$ 2,189	SRF 2023	Water Fees	Water Improvements	2043
<b><u>\$2,692,470</u> Total Water Annual Debt Service</b>				

## Revenue

1. Water User Fees increased from \$9,399,359 in FY 2022 to \$10,195,050 in FY 2023 based on FY 2021 actual of \$8,547,478 plus the FY 2023 projected rate increase of 5%.
2. Flat Rates increased from \$27,242 in FY 2022 to \$52,897 in FY 2023. FY 2021 actual was \$54,498. This charge is for customers purchasing bulk water. Rates are set by City ordinance.
3. Fire Protection Rates increased from \$181,778 in FY 2022 to \$186,975 in FY 2023 based on FY 2021 actual of \$186,975. This fee is the demand charge for fire sprinkler head connection. The rates are set by City ordinance.
4. Taps increased from \$41,000 in FY 2022 to \$65,000 in FY 2023. FY 2021 actual was \$23,302. This fee is charged to customers for 3/4" to 1" taps and represents the cost of labor and materials. The rates are set by City ordinance.
5. Tap Service decreased from \$23,000 in FY 2022 to \$20,000 in FY 2023. FY 2021 actual was \$4,943. This fee is charged to customers for 2" taps and represents the actual cost of labor and materials. The rates are set by City ordinance.
6. Connection Charge Front Footage is increased from \$75,000 in FY 2022 to \$103,000 in FY 2023 based on a three-year average. FY 2021 actual was \$92,811. This fee is charged to a new user when a connection is made to the City water supply. This represents the user share of the cost of the installation of the water main. Rates are set by City ordinance.
7. Backflow Prevention Administrative Fees increased from \$75,675 in FY 2022 to \$76,150 in FY 2023 based on actual number of accounts. FY 2021 actual was \$74,406. This is the \$25 annual fee charged to all customers with a backflow device.
8. Penalties for late payments increased from \$63,840 in FY 2022 to \$95,748 in FY 2023 based on FY 2019 actual of \$95,739.
9. Tower Monthly Rental increased from \$127,732 in FY 2022 to \$132,331 in FY 2023 based on water lease contract amounts. FY 2021 actual was \$134,615.
10. Sales Tax Collected increased from \$454,532 in FY 2022 to \$499,458 in FY 2023 based on the rate increase for water fees. This line item off-sets the sales tax expense.

# Water Dept

## ORGANIZATION CHART





# WATER DEPARTMENT

The Water Department ensures our community has high quality, safe, reliable and affordable drinking water.

## SUCCESS IS ABOUT PLANNING, PARTNERSHIPS AND PEOPLE LEADING TO OUTCOMES

### PEOPLE

Employees of the Water Department are provided training to ensure the maintenance of the appropriate licenses required by the Iowa Department of Natural Resources. Other job-related educational training is provided to broaden employee skills and increase productivity.

### PLANNING

The Water Department is engaged in conscientious, strategic planning which allows for maintaining compliance with the state and federal regulatory agencies in order to provide the highest quality, safe and cost effective drinking water possible.



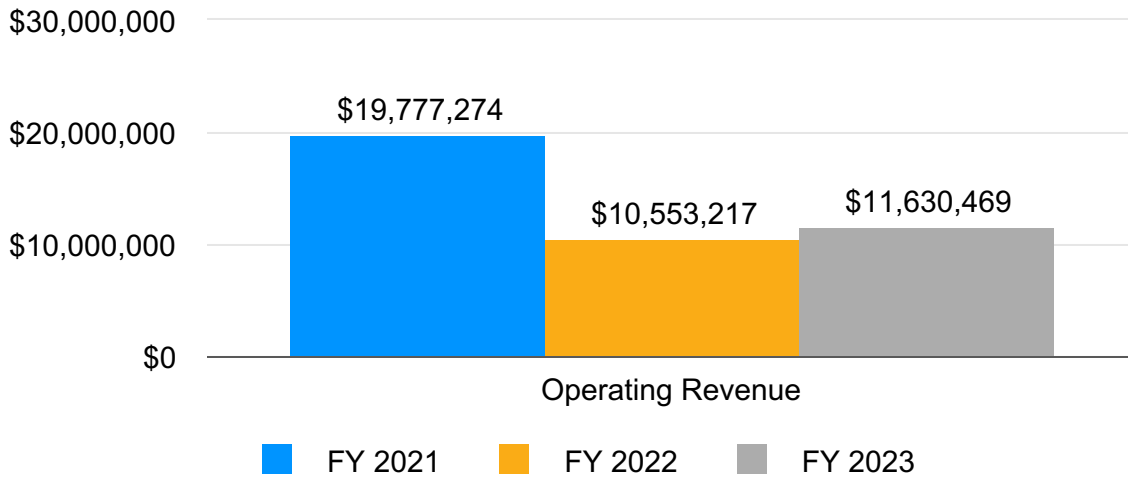
### PARTNERSHIPS

The Water Department is involved in Community Activities/Partnerships/ Outreach programs such as Water Conservation Educational Program and the Smarter City Initiative. The Water Department provides tours of its Eagle Point Treatment Plant to local schools and organizations.

# WATER DEPARTMENT

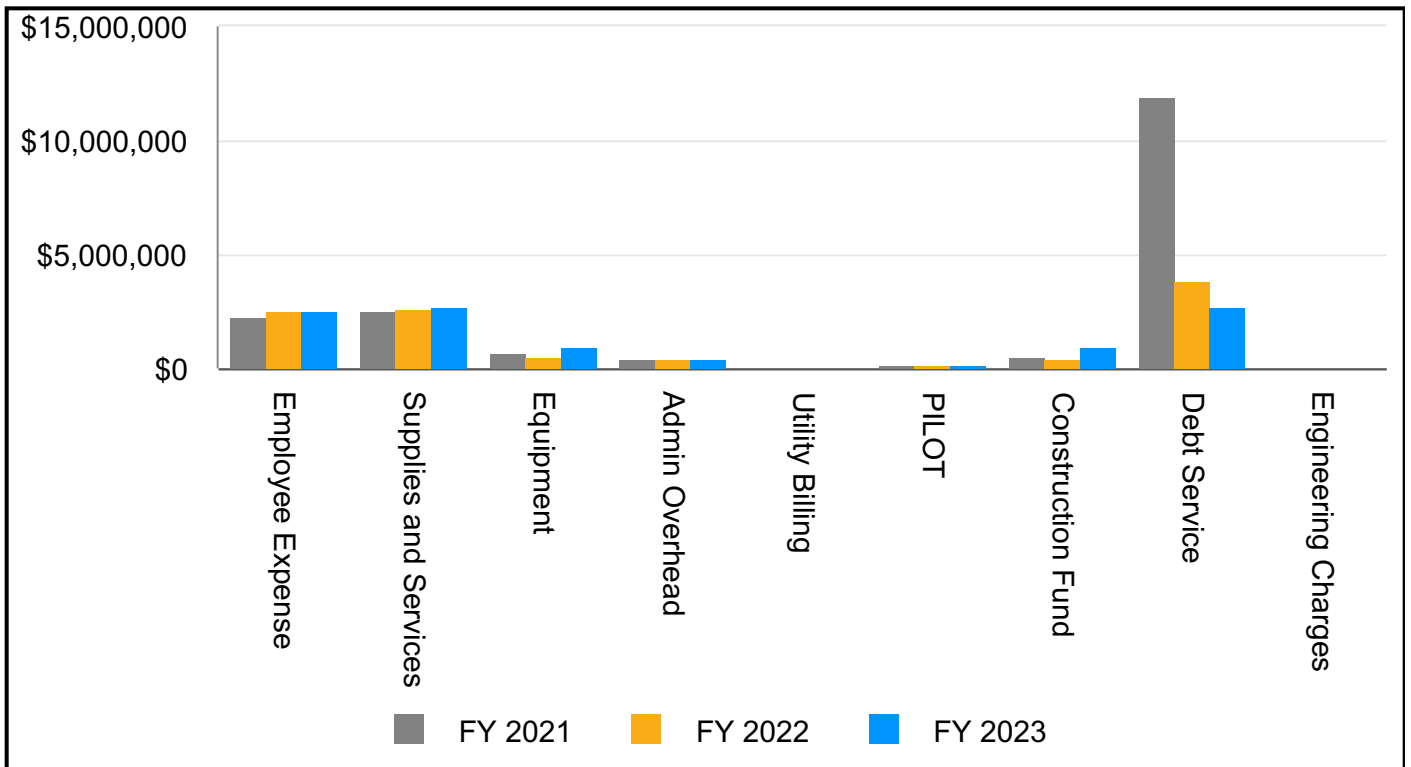
	FY 2021	FY 2022	FY 2023
Full-Time Equivalent	26.07	26.07	26.07

## Resources Support



The Water Department is supported by 26.07 full-time equivalent employees, which accounts for 23.93% of the department expense as seen below. Overall, the department's expenses are expected to decrease by -1.25% in FY 2023 compared to FY 2022.

## Expenditures by Category by Fiscal Year



# WATER DEPARTMENT

## Administration

### Mission & Services







The City of Dubuque Water Department is dedicated to producing and delivering drinking water that is in compliance with all state and federal drinking water standards. We continually strive to adopt new and better methods of delivering the best quality drinking water to the citizens of Dubuque in the most cost-effective manner. Water Department Administration is responsible for the preparation of operating and capital budgets, interacting with the state and federal regulatory agencies, evaluation and coordination of treatment facility operations and the water distribution system functions.

Water Administration Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$12,772,117	\$4,958,327	\$3,684,775
Resources	\$—	\$—	\$—

Water Administration Position Summary	
	FY 2023
Water Department Manager	1.00
Confidential Account Clerk	1.00
Water Engineering Assistant	1.00
GIS Specialist	1.00
GIS Intern	0.50
<b>Total FT Equivalent Employees</b>	<b>4.50</b>

### Performance Measures

#### City Council Goal: Financially Responsible, High-Performance Organization

Performance Measure (KPI)	Target	FY 2020 Actual	FY 2021 Actual	FY 2022 Estimated	Performance Indicator
<b>1 Activity Objective: Maintain a financially-viable water utility.</b>					
# of hours that staff are completing annual training (hrs) to support CEUs and professional development in emergency response	20	35	35	35	
Reduction of Water Quality Issues per 100 miles of Pipe	<20	21	22	24	
% of lost/unaccounted for water	<18%	16.5%	18%	18%	
% of projects completed within the program budget	100%	100%	100%	100%	
Operating cost coverage for water (Total operational Revenue/Total Operating Cost)	1.0	1.04	1.0	1.0	
# New Commercial connections/partnerships (per year)	1/yr	3/yr	3/yr	1/yr	

# WATER DEPARTMENT

## Plant Operations and Maintenance

### Overview

Plant Operations and Maintenance ensures that water used for domestic, commercial and industrial purposes is high quality and is supplied to meet the needs our community. We are responsible for the management of equipment and treatment process of the City's drinking water in compliance with all federal and state water quality standards.

Over 200 tests per day are performed by water treatment plant operators. In addition to these tests, the Dubuque W&RRC Laboratory performs over 60 bacteriological analysis of the drinking water on a monthly basis. Other compliance-related testing is performed by the University of Iowa Hygienic Laboratory. All of these analytical measures ensure the water reaching homes is of drinking-water quality.



Plant Operations and Maintenance Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$2,493,525	\$2,672,673	\$2,646,640
Resources	\$1,400	\$—	\$1,400

Plant Operations and Maintenance Position Summary	
	FY 2023
Electronic Technician	1.00
Equipment Mechanic	1.00
Plant Operator I	1.00
Plant Operator II	1.00
Plant Operator III & IV	1.00
Plant Operator IV	3.00
Water Operations Supervisor	1.00
<b>Total FT Equivalent Employees</b>	<b>9.00</b>

### Performance Measures

#### City Council Goal: Sustainable Environment

	Performance Measure (KPI)	Target	FY 2020 Actual	FY 2021 Actual	FY 2022 Estimated	Performance Indicator
1	<b>Activity Objective: Provide water treatment and distribute high-quality, clean drinking water that meets or exceeds drinking water regulations.</b>					
	# of Regulatory Compliance as No Violations	0	0	0	0	
	Water Plant Process Efficiency measured as Water Treated vs Produced(MGD Treated/MGD Produced)	1.1	.94	1.03	1.0	
	Cost Effectiveness of the Treatment Process (O&M Cost/MG, thousands)	<or= 1.0	0.94	1.07	1.0	

The **2019 Water Quality Report** can be downloaded at: <https://www.cityofdubuque.org/waterquality>

# WATER DEPARTMENT

## Water Distribution

### Mission & Services





The function of the Water Distribution Team is to safely transport potable water from the source to point of use. Distribution is also responsible for the machinery, equipment, materials and personnel required to repair main breaks; install water mains, control valves and fire hydrants and assist other sections of the Water Department. It is our goal to operate and maintain a water distribution system consistent with established procedures recognized by the American Water Works Association for efficient management practices and to meet Federal, State and local rules and regulations.

Water Distribution Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$2,396,882	\$2,020,699	\$2,968,919
Resources	\$19,628,845	\$10,530,750	\$11,483,981

Water Distribution Position Summary	
	FY 2023
Equipment Operator II	1.00
Water Distribution Maintenance Worker	6.50
Water Distribution Foreman	1.00
Water Distribution Supervisor	1.00
Custodian I	0.07
<b>Total FT Equivalent Employees</b>	<b>9.57</b>

### Performance Measures

#### City Council Goal: Financially Responsible, High-Performance Organization

Performance Measure (KPI)	Target	FY 2020 Actual	FY 2021 Actual	FY 2022 Estimated	Performance Indicator
<b>1 Activity Objective: Ensure the integrity of the distribution system piping system.</b>					
# of breaks per 100 miles of pipe	<15	27	25	23	
Operation of 10% of system valves annually	775	314	775	264	
Hydrant effectiveness (out of service rate) <1% or 25FH	<1%	0%	<1%	>1%	
O&M costs for water per 100 miles of pipe (thousands per 100 miles)	<343**	311	348	345	

\*\* Based on 3year running average

*The Water Department's Distribution Crew is available 24/7/365 to repair water mains and reduce service outages, minimizing the time customers are without water.*

**DID YOU KNOW?** The water distribution system is composed of 330.14 miles of public water mains ranging in diameter from 4" up to 30"; 8,008 control valves; and 2,606 fire hydrants.

# WATER DEPARTMENT

## Water Meters & Backflow Prevention

### Mission & Services


The Water Meter Team provides dependable meter operations and maintenance. The work performed includes installation, testing, cleaning, repairing and and reassembling meters as required. The Meter Team also addresses pressure issues, performs water use investigations and manages the Backflow Prevention Program. The work is conducted in compliance with local, state and federal requirements.

Water Meters Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$510,526	\$372,755	\$383,737
Resources	\$156,327	\$112,658	\$158,071



Water Meters Position Summary	
	FY 2023
Water Meter Repair Worker I	2.00
Water Meter Repair Worker II	1.00
Total Full-Time Equivalent Employee's	3.00

### Performance Measures

#### City Council Goal: Sustainable Environment

	Performance Measure (KPI)	Target	FY 2020 Actual	FY 2021 Actual	FY 2022 Estimated	Performance Indicator
1	<b>Activity Objective: Minimize the possibility of contamination in the distribution through the installation of backflow prevention devices.</b>					
	High and Low Hazard Containment Services, by definition, to participate in the backflow prevention program	100%	98%	99%	99%	

#### City Council Goal: Financially Responsible, High-Performance Organization

1	<b>Activity Objective: Respond to customer inquiries in a timely manner to maintain consumer confidence in the water utility.</b>					
	Respond to technical Meter Department service issues.	100%	100%	100%	100%	
	Enhanced meter reading accuracy, larger users: O&M on all large meters (>3") per AWWA standards (lg meter/yr)	24/yr	10/yr*	0/yr*	24yr	

\*Numbers affected by COVID

\*\*Numbers to include partial year of 5 year MIU replacement 450 to 900



## Recommended Operating Revenue Budget - Department Total

### 42 - WATER

Fund	Account	Account Title	FY20 Actual Revenue	FY21 Actual Revenue	FY22 Adopted Budget	FY23 Recomm'd Budget
640	43110	INVESTMENT EARNINGS	104,079	59,184	75,000	59,184
43	USE OF MONEY AND PROPERTY - Total		104,079	59,184	75,000	59,184
640	51105	METER RATES	8,407,944	8,547,478	9,399,359	10,195,050
640	51107	UNAPPLIED CREDITS	16,918	26,124	16,918	26,124
640	51108	WATER RATE CREDIT	0	0	(96,126)	0
640	51110	FLAT RATES	42,570	54,498	27,242	52,897
640	51111	FLAT RATE KEY WEST	2,053	2,061	1,095	2,061
640	51115	FIRE PROTECTION RATES	181,778	186,975	181,778	186,975
640	51125	TAPS-3/4 & 1 INCH	12,289	23,302	41,000	65,000
640	51130	CONNECT CHG LARGE SERVICE	7,454	4,943	23,000	20,000
640	51135	CONNECT CHG FRONT FOOTAGE	77,137	92,811	75,000	103,000
640	51140	METER SALES-REMOTES	15,414	16,304	13,500	16,304
640	51145	SALE OF METERS	29,466	54,239	12,500	54,239
640	51146	SALE OF UFR DEVICES	3,860	3,047	3,860	3,047
640	51165	MAINTENANCE CHARGES	7,663	6,454	7,300	6,454
640	51170	REPAIR OF METERS	6,314	8,257	6,314	8,257
640	51175	SHUT OFF PENALTIES	15,423	4,178	15,423	4,178
640	51176	METER TAMPERING FEE	400	394	400	394
640	51177	CALL OUT CHARGE	771	738	771	738
640	51180	CROSS CON. CNTL ADMIN FEE	73,771	74,406	75,675	76,150
640	51215	LATE PAYMENT PENALTY	63,853	2,798	63,840	95,748
640	51310	PERMIT	123,553	134,615	127,732	132,331
51	CHARGES FOR SERVICES - Total		9,088,631	9,243,621	9,996,581	11,048,947
640	53201	REFUNDS	18,875	0	0	0
640	53605	MISCELLANEOUS REVENUE	75	0	0	0
640	53615	DAMAGE CLAIMS	22,780	6,102	20,000	6,102
640	53620	REIMBURSEMENTS-GENERAL	6,055	14,662	5,935	14,663
640	53630	SALES TAX COLLECTION	428,804	461,820	454,532	499,458
53	MISCELLANEOUS - Total		476,589	482,585	480,467	520,223
640	54109	SALVAGE SALES	741	2,115	1,169	2,115
640	54210	GO BOND PROCEEDS	1,311,083	7,839,768	0	0
640	54220	BOND DISCOUNT	59,384	0	0	0
640	54230	SRF GO BOND PROCEEDS	1,120,000	2,150,000	0	0
54	OTHER FINANCING SOURCES - Total		2,491,208	9,991,883	1,169	2,115
640	59100	FR GENERAL	0	21,315	96,126	25,000
59	TRANSFER IN AND INTERNAL - Total		0	21,315	96,126	25,000
WATER - Total			12,160,508	19,798,589	10,649,343	11,655,469

## Recommended Operating Expenditure Budget - Department Total

### 42 - WATER

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
640	61010	FULL-TIME EMPLOYEES	1,413,995	1,379,223	1,624,004	1,645,097
640	61020	PART-TIME EMPLOYEES	8,610	9,568	29,060	29,685
640	61030	SEASONAL EMPLOYEES	10,967	6,710	15,545	16,046
640	61050	OVERTIME PAY	111,927	105,353	94,040	94,040
640	61071	HOLIDAY PAY-OVERTIME	21,370	24,662	17,000	18,600
640	61072	TANK CLIMBING PAY	0	165	1,200	1,200
640	61083	COVID19 EMP NON-WORK	4,687	0	0	0
640	61091	SICK LEAVE PAYOFF	31,715	31,872	31,850	11,094
640	61092	VACATION PAYOFF	1,065	12,190	0	0
640	61095	PARENTAL LEAVE	6,910	0	0	0
640	61096	50% SICK LEAVE PAYOUT	766	1,841	766	1,841
640	61310	IPERS	148,962	144,024	176,416	178,689
640	61320	SOCIAL SECURITY	116,676	114,118	138,358	138,925
640	61410	HEALTH INSURANCE	280,934	319,780	332,316	328,864
640	61415	WORKMENS' COMPENSATION	74,335	78,771	52,387	43,398
640	61416	LIFE INSURANCE	1,029	976	1,430	1,150
640	61640	SAFETY EQUIPMENT	2,801	17,248	4,750	4,750
640	61650	MEAL ALLOWANCE	664	809	664	809
640	61660	EMPLOYEE PHYSICALS	1,474	142	1,475	142
<b>61 - WAGES AND BENEFITS</b>			<b>2,238,888</b>	<b>2,247,452</b>	<b>2,521,261</b>	<b>2,514,330</b>
640	62010	OFFICE SUPPLIES	2,838	4,460	2,838	7,760
640	62011	UNIFORM PURCHASES	27,718	17,962	20,182	20,070
640	62030	POSTAGE AND SHIPPING	2,012	2,039	2,052	2,080
640	62033	HAND TOOLS/EQUIPMENT	3,752	8,579	4,317	8,751
640	62034	REPAIR PARTS/SUPPLIES	5,610	4,230	6,989	7,136
640	62036	CONSTRUCTION SUPPLIES	670	2,074	1,113	2,037
640	62050	OFFICE EQUIPMENT MAINT	258	0	263	0
640	62061	DP EQUIP. MAINT CONTRACTS	20,560	21,054	21,054	20,800
640	62062	JANITORIAL SUPPLIES	4,382	3,358	4,469	3,734
640	62063	SAFETY RELATED SUPPLIES	7,445	8,196	4,311	8,361
640	62064	ELECTRICAL SUPPLIES	15,863	4,734	16,180	4,829
640	62065	LAB SUPPLIES	10,229	13,216	10,434	13,480
640	62066	PLUMBING MATERIALS	537	697	2,082	1,235
640	62090	PRINTING & BINDING	676	376	1,710	1,055
640	62110	COPYING/REPRODUCTION	1,679	2,848	2,204	3,491
640	62130	LEGAL NOTICES & ADS	4,104	3,599	1,180	3,516
640	62170	SUBSCRIPTIONS-BOOKS-MAPS	519	158	806	540
640	62190	DUES & MEMBERSHIPS	1,280	2,869	3,423	4,423
640	62204	REFUNDS	74	(6,119)	5,786	0
640	62206	PROPERTY INSURANCE	66,465	67,130	72,702	89,389
640	62207	BOILER INSURANCE	120	0	0	0
640	62208	GENERAL LIABILITY INSURAN	20,585	21,391	22,575	29,293
640	62210	SALES TAX	426,658	460,710	454,532	460,710
640	62310	TRAVEL-CONFERENCES	10,582	52	3,680	4,000
640	62320	TRAVEL-CITY BUSINESS	337	0	700	850
640	62340	MILEAGE/LOCAL TRANSP	2,265	1,628	2,794	3,974
640	62360	EDUCATION & TRAINING	17,237	4,244	22,313	15,139
640	62411	UTILITY EXP-ELECTRICITY	733,932	730,336	770,628	668,402
640	62412	UTILITY EXP-GAS	37,210	33,216	37,210	39,992
640	62414	UTILITY EXP-FUEL OIL	13	0	1,500	1,500



## Recommended Operating Expenditure Budget - Department Total

### 42 - WATER

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
640	62415	UTILITY EXPENSE STORMWATR	221	418	236	453
640	62421	TELEPHONE	12,657	13,981	11,232	11,232
640	62424	RADIO/PAGER FEE	8,900	7,677	9,434	8,138
640	62431	PROPERTY MAINTENANCE	30,311	43,730	30,311	45,170
640	62433	CUSTODIAL SERVICES	0	0	700	0
640	62434	HVAC MAINTENANCE	2,900	2,735	2,900	3,744
640	62435	ELEVATOR MAINTENANCE	2,875	2,410	2,584	2,410
640	62436	RENTAL OF SPACE	220	3,542	1,850	3,942
640	62437	BARRICADE RENTAL	3,790	8,622	7,250	8,622
640	62438	FIRE SUPPRESSION	982	435	982	435
640	62511	FUEL, MOTOR VEHICLE	24,049	24,014	19,700	22,435
640	62521	MOTOR VEHICLE MAINT.	32,288	31,457	34,133	32,576
640	62522	VEHICLE MAINT., ACCIDENT	1,713	0	0	0
640	62528	MOTOR VEH. MAINT. OUTSOUR	8,624	5,914	948	4,335
640	62611	MACH/EQUIP MAINTENANCE	83,994	63,208	83,994	63,457
640	62613	METER MAINTENANCE	10,340	3,494	10,340	8,058
640	62614	EQUIP MAINT CONTRACT	307	895	307	895
640	62615	MACH/EQUIP MAINT. OUTSOUR	1,444	1,068	2,044	1,068
640	62628	INSTRUMENTATION MAINT	10,467	13,520	10,467	13,520
640	62630	FLUORIDE	9,836	10,222	9,836	11,000
640	62631	LIME	270,596	297,001	319,000	335,000
640	62632	PHOSPHATE	60,862	59,900	65,000	64,150
640	62633	CHLORINE	30,744	27,529	30,744	40,675
640	62638	POLYMER	5,732	6,844	6,840	9,375
640	62639	LIQUID CO2/O2	20,679	27,208	20,679	24,500
640	62663	SOFTWARE LICENSE EXP	34,563	52,154	61,128	94,610
640	62664	LICENSE/PERMIT FEES	7,126	7,209	6,820	7,209
640	62667	DATA SERVICES	2,775	3,761	2,775	2,644
640	62669	PROGRAMMING	4,881	0	0	0
640	62675	VALVES	29,955	22,828	49,955	64,000
640	62676	PIPE-SPECIAL FITTINGS	50,290	75,472	50,290	75,472
640	62692	LANDFILL FEES	303	152	323	152
640	62696	OUTSIDE COLLECTOR EXPENSE	4,230	919	4,047	890
640	62710	CONTRACTOR SERVICES	0	0	0	6,000
640	62713	LEGAL SERVICES	5,196	1,916	0	0
640	62716	CONSULTANT SERVICES	38,146	1,307	29,000	33,000
640	62721	FINANCIAL CONSULTANT	0	14,139	0	14,139
640	62726	AUDIT SERVICES	3,500	3,600	0	3,708
640	62731	MISCELLANEOUS SERVICES	8,234	42,713	40,000	40,000
640	62732	TEMP HELPCONTRACT SERV.	1,316	0	0	0
640	62746	ONE CALL OPERATION	7,226	8,657	7,226	7,226
640	62765	GRANTS	5,365	3,452	15,000	10,000
640	62767	ENVIRON. TESTING/MON.	33,191	38,048	35,600	35,600
640	62780	HAULING SERVICES	174,196	212,476	165,000	165,000
<b>62 - SUPPLIES AND SERVICES</b>			<b>2,470,634</b>	<b>2,557,664</b>	<b>2,648,702</b>	<b>2,701,387</b>
640	62724	BOND PAYING AGENT FEE	625	971	625	971
<b>627 - CONTRACTUAL SERVICES</b>			<b>625</b>	<b>971</b>	<b>625</b>	<b>971</b>
640	71120	PERIPHERALS, COMPUTER	179	44	0	880
640	71123	SOFTWARE	0	0	0	65,000
640	71124	COMPUTER	0	25	0	0

## Recommended Operating Expenditure Budget - Department Total

### 42 - WATER

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
640	71215	STORAGE CABINETS	0	2,033	0	0
640	71312	VAN/PICKUP/WAG REPL	36,860	75,831	0	0
640	71314	TRUCK-REPLACEMENT	90,289	16,432	0	66,000
640	71318	HEAVY EQUIP-REPLACEMENT	0	141,426	0	0
640	71410	SHOP EQUIPMENT	1,730	138	250	250
640	71413	LABORATORY EQUIPMENT	1,837	2,436	5,800	0
640	71415	SAWS	2,500	4,200	4,200	3,200
640	71420	EARTH COMPACTOR	0	0	0	1,000
640	71510	HYDRANTS	10,460	32,351	15,000	70,000
640	71511	PUMPS	0	0	18,000	45,000
640	71515	WATER METER PRODUCT	0	54,243	0	0
640	71516	LARGE WATER METERS	64,172	85,640	55,000	191,306
640	71550	MISCELLANEOUS EQUIPMENT	1,290	0	0	11,900
640	71619	OTHER MAINT. EQUIPMENT	0	0	50,000	6,600
640	72410	PAGER/RADIO EQUIPMENT	46,555	285	0	0
640	72418	TELEPHONE RELATED	117	81	3,500	15,432
640	72515	TEST EQUIPMENT, OTHER	0	0	0	5,000
<b>71 - EQUIPMENT</b>			<b>255,989</b>	<b>415,165</b>	<b>151,750</b>	<b>481,568</b>
640	72115	BARRICADES/WARN SIGNALS	0	926	0	1,000
<b>72 - EQUIPMENT</b>			<b>0</b>	<b>926</b>	<b>0</b>	<b>1,000</b>
640	73211	CONST.CONTR-NOT BLDG	308,852	298,071	395,000	470,000
640	73410	EQUIP ACQUISITION	17,461	0	18,000	8,000
<b>73 - CIP EXPENDITURES</b>			<b>326,313</b>	<b>298,071</b>	<b>413,000</b>	<b>478,000</b>
640	74111	PRINCIPAL PAYMENT	4,131,164	11,138,835	3,040,574	2,078,929
640	74112	INTEREST PAYMENT	839,235	830,372	857,387	613,541
<b>74 - DEBT SERVICE</b>			<b>4,970,399</b>	<b>11,969,207</b>	<b>3,897,961</b>	<b>2,692,470</b>
640	91100	TO GENERAL	597,380	567,194	578,155	595,651
640	91740	TO WATER CONSTRUCTION	400,000	550,000	400,000	1,000,000
<b>91 - TRANSFER TO</b>			<b>997,380</b>	<b>1,117,194</b>	<b>978,155</b>	<b>1,595,651</b>
<b>42 - WATER TOTAL</b>			<b>11,260,227</b>	<b>18,606,650</b>	<b>10,611,454</b>	<b>10,465,377</b>

## Recommended Expenditure Budget Report by Activity & Funding Source

### 42 - WATER

**UNDISTRIBUTED - 10640**

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CONTRACTUAL SERVICES	971	—	971
SUPPLIES AND SERVICES	29,701	9,833	15,029
TRANSFER TO	1,117,194	978,155	1,595,651
<b>UNDISTRIBUTED</b>	<b>1,147,866</b>	<b>987,988</b>	<b>1,611,651</b>
<b>WATER ADMINISTRATION</b>		<b>- 42100</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CONTRACTUAL SERVICES	—	625	0
DEBT SERVICE	11,969,207	3,897,961	2,692,470
EQUIPMENT	20	1,050	65,350
SUPPLIES AND SERVICES	482,060	478,381	496,440
WAGES AND BENEFITS	320,831	580,310	430,515
<b>WATER ADMINISTRATION</b>	<b>12,772,117</b>	<b>4,958,327</b>	<b>3,684,775</b>
<b>METERS</b>		<b>- 42300</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
EQUIPMENT	24,838	—	700
SUPPLIES AND SERVICES	58,045	92,416	97,128
WAGES AND BENEFITS	427,643	280,339	285,909
<b>METERS</b>	<b>510,526</b>	<b>372,755</b>	<b>383,737</b>
<b>PLANT OPER. &amp; MAINT</b>		<b>- 42400</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
EQUIPMENT	4,553	56,500	66,700
SUPPLIES AND SERVICES	1,682,278	1,707,367	1,678,077
WAGES AND BENEFITS	806,695	908,806	901,863
<b>PLANT OPER. &amp; MAINT</b>	<b>2,493,525</b>	<b>2,672,673</b>	<b>2,646,640</b>
<b>WATER DISTR. SYSTEM</b>		<b>- 42700</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CIP EXPENDITURES	5,720	—	0
EQUIPMENT	271,326	24,200	143,512
SUPPLIES AND SERVICES	280,123	256,705	317,713
WAGES AND BENEFITS	691,847	751,806	896,043
<b>WATER DISTR. SYSTEM</b>	<b>1,249,016</b>	<b>1,032,711</b>	<b>1,357,268</b>

## Recommended Expenditure Budget Report by Activity & Funding Source

### 42 - WATER

#### STORAGE TANK INSPECT/MON - 42705

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	—	—	15,000
<b>STORAGE TANK INSPECT/MON</b>	<b>—</b>	<b>—</b>	<b>15,000</b>
<b>PUMP REPLC VACUUM FILTER - 42713</b>			

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
EQUIPMENT	—	15,000	15,000
<b>PUMP REPLC VACUUM FILTER</b>	<b>—</b>	<b>15,000</b>	<b>15,000</b>
<b>FIRE HYDRANT PAINTING - 42720</b>			

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	—	5,000	5,000
<b>FIRE HYDRANT PAINTING</b>	<b>—</b>	<b>5,000</b>	<b>5,000</b>
<b>GENERATOR MAIN PROGRAM - 42725</b>			

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CIP EXPENDITURES	—	18,000	8,000
<b>GENERATOR MAIN PROGRAM</b>	<b>—</b>	<b>18,000</b>	<b>8,000</b>
<b>SERVICE LINE ASSIST - 42735</b>			

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	22,004	35,000	35,000
<b>SERVICE LINE ASSIST</b>	<b>22,004</b>	<b>35,000</b>	<b>35,000</b>
<b>VALVE REPLACEMENT - 42745</b>			

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CIP EXPENDITURES	—	—	70,000
SUPPLIES AND SERVICES	—	20,000	14,000
<b>VALVE REPLACEMENT</b>	<b>—</b>	<b>20,000</b>	<b>84,000</b>
<b>WATER MAIN REPLACEMENTS - 42755</b>			

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
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## Recommended Expenditure Budget Report by Activity & Funding Source

### 42 - WATER

CIP EXPENDITURES	273,966	350,000	350,000
WAGES AND BENEFITS	437	—	—

<b>WATER MAIN REPLACEMENTS</b>	<b>274,403</b>	<b>350,000</b>	<b>350,000</b>
<b>WATER METER EXCHANGE</b>		<b>- 42760</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
EQUIPMENT	115,355	55,000	191,306
<b>WATER METER EXCHANGE</b>	<b>115,355</b>	<b>55,000</b>	<b>191,306</b>
<b>WATER LEAK REPAIR GRANT</b>		<b>- 42765</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	2,242	5,000	5,000
<b>WATER LEAK REPAIR GRANT</b>	<b>2,242</b>	<b>5,000</b>	<b>5,000</b>
<b>COUNTY WATER ASSISTANCE</b>		<b>- 42766</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	1,210	10,000	5,000
<b>COUNTY WATER ASSISTANCE</b>	<b>1,210</b>	<b>10,000</b>	<b>5,000</b>
<b>WATER VALVE BOX MAINT</b>		<b>- 42770</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CIP EXPENDITURES	18,085	20,000	25,000
<b>WATER VALVE BOX MAINT</b>	<b>18,085</b>	<b>20,000</b>	<b>25,000</b>
<b>COMPUTERIZED LEAK SURVEY</b>		<b>- 42785</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	—	29,000	18,000
<b>COMPUTERIZED LEAK SURVEY</b>	<b>—</b>	<b>29,000</b>	<b>18,000</b>
<b>WATER METER TESTING</b>		<b>- 42790</b>	

**FUNDING SOURCE: WATER UTILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CIP EXPENDITURES	300	25,000	25,000
<b>WATER METER TESTING \$</b>	<b>300.00 \$</b>	<b>25,000.00</b>	<b>25,000</b>
<b>WATER TOTAL</b>	<b>\$18,606,650</b>	<b>\$10,611,454</b>	<b>\$10,465,377</b>

## CITY OF DUBUQUE, IOWA

## DEPARTMENT DETAIL - PERSONNEL COMPLEMENT

## 42 WATER DEPARTMENT

FD	JC	WP-GR	JOB CLASS	FY 2021		FY 2022		FY 2023	
				FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
61010 Full Time Employee Expense									
640	3275	GE-40	WATER DEPARTMENT MANAGER	1.00	\$ 110,505	1.00	\$ 112,150	1.00	\$ 100,347
640	3200	GE-36	WATER DISTRIBUTION SUPERVISOR	1.00	\$ 91,659	1.00	\$ 93,267	1.00	\$ 96,307
640	—	GE-36	WATER OPERATIONS SUPERVISOR	—	\$ —	1.00	\$ 72,370	1.00	\$ 74,730
640	2950	GE-33	WATER ENGINEERING ASSISTANT	1.00	\$ 75,252	1.00	\$ 77,143	1.00	\$ 79,653
640	2650	GE-31	FOREMAN - WATER DISTR.	1.00	\$ 68,265	1.00	\$ 69,277	1.00	\$ 71,870
640	2610	GE-30	GIS SPECIALIST	1.00	\$ 64,679	1.00	\$ 66,299	1.00	\$ 68,450
640		GE-25	CONFIDENTIAL ACCOUNT CLERK	1.00	\$ 49,429	1.00	\$ 50,255	1.00	\$ 51,879
640	2400	OE-16	ELECTRONIC TECHNICIAN	1.00	\$ 65,319	1.00	\$ 66,645	1.00	\$ 69,105
640	2800	OE-14	EQUIPMENT MECHANIC	1.00	\$ 62,691	1.00	\$ 63,616	1.00	\$ 63,768
640	2550	OE-16	WATER PLANT OPR CERT GR III/IV	—	\$ —	1.00	\$ 60,812	1.00	\$ 65,814
640		OE-11	WATER PLANT OPERATOR CRT GR I	—	\$ —	—	\$ —	1.00	\$ 56,355
640	2475	OE-12	WATER PLANT OPERATOR CRT GR II	1.00	\$ 58,395	1.00	\$ 59,260	1.00	\$ 61,179
640	2475	OE-16	WATER PLANT OPERATOR CRT GR IV	6.00	\$ 384,585	4.00	\$ 261,999	3.00	\$ 202,706
640	2305	OE-10	EQUIPMENT OPERATOR II	2.00	\$ 116,147	1.00	\$ 58,074	1.00	\$ 60,167
640	1775	OE-09	WATER METER REPAIR WORKER I	2.00	\$ 110,462	2.00	\$ 113,210	2.00	\$ 118,098
640		OE-14	WATER METER REPAIR WORKER II	1.00	\$ 61,474	1.00	\$ 62,381	1.00	\$ 64,537
640	1476	OE-09	WATER DISTR MAINTENANCE WORKER	5.00	\$ 266,434	6.00	\$ 322,400	6.00	\$ 340,132
TOTAL FULL TIME EMPLOYEES				25.00	\$ 1,585,296	25.00	\$ 1,609,158	25.00	\$ 1,645,097
61020 Part-Time Employee Expense									
640	1476	OE-09	WATER DISTR MAINTENANCE WORKER	0.50	\$ 25,233	0.50	\$ 25,599	0.50	\$ 26,434
640	2050	OE-03	CUSTODIAN I	0.07	\$ 3,401	0.07	\$ 3,461	0.07	\$ 3,251
TOTAL PART TIME EMPLOYEES				0.57	\$ 28,634	0.57	\$ 29,060	0.57	\$ 29,685
61030 Seasonal Employee Expense									
640		NA-37	GIS INTERN	0.50	\$ 15,326	0.50	\$ 15,545	0.50	\$ 16,046
TOTAL SEASONAL EMPLOYEES				0.50	\$ 15,326	0.50	\$ 15,545	0.50	\$ 16,046
TOTAL WATER DEPARTMENT				26.07	\$ 1,629,256	26.07	\$ 1,653,763	26.07	\$ 1,690,828

**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023		
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET	
Water Administration-FT											
64042100	61010	640	2610	GE-30	GIS SPECIALIST	1.00	\$ 64,679	1.00	\$ 66,299	1.00	\$ 68,450
64042100	61010	640	3275	GE-40	WATER DEPARTMENT MANAGER	1.00	\$ 110,505	1.00	\$ 112,150	1.00	\$ 100,347
64042100	61010	640		GE-25	CONFIDENTIAL ACCOUNT CLERK	1.00	\$ 49,429	1.00	\$ 50,255	1.00	\$ 51,879
64042100	61010	640	2950	GE-33	WATER ENGINEERING ASSISTANT	1.00	\$ 75,252	1.00	\$ 77,143	1.00	\$ 79,653
64042100	61010	640	3200	GE-37	WATER DISTRIBUTION SUPERVISOR	1.00	\$ 91,659	1.00	\$ 93,267	—	\$ —
Total						5.00	\$ 391,524	5.00	\$ 399,114	4.00	\$ 300,329
Water Administration-SEASONAL											
64042100	61030	640		NA-37	GIS INTERN	0.50	\$ 15,326	0.50	\$ 15,545	0.50	\$ 16,046
Total						0.50	\$ 15,326	0.50	\$ 15,545	0.50	\$ 16,046
Water Meters-FT											
64042300	61010	640	1775	OE-09	WATER METER REPAIR WORKER I	2.00	\$ 110,462	2.00	\$ 113,210	2.00	\$ 118,098
64042300	61010	640		OE-14	WATER METER REPAIR WORKER II	1.00	\$ 61,474	1.00	\$ 62,381	1.00	\$ 64,537
64042300	61010	640	1476	OE-09	WATER DISTR MAINTENANCE WORKER	1.00	\$ 54,178	—	\$ —	—	
Total						4.00	\$ 226,114	3.00	\$ 175,591	3.00	\$ 182,635
Water Plant Operation-FT											
64042400	61010	640		OE-11	WATER PLANT OPERATOR CRT GR I	—	\$ —	—	\$ —	1.00	\$ 56,355
64042400	61010	640	2475	OE-12	WATER PLANT OPERATOR CRT GR II	1.00	\$ 58,395	1.00	\$ 59,260	1.00	\$ 61,179
64042400	61010	640	2550	OE-16	WATER PLANT OPR CERT GR III/IV	—	\$ —	1.00	\$ 60,812	1.00	\$ 65,814
64042400	61010	640		OE-16	WATER PLANT OPERATOR CRT GR IV	6.00	\$ 384,585	4.00	\$ 261,999	3.00	\$ 202,706
64042400	61010	640		GE-36	WATER OPERATIONS SUPERVISOR	—	\$ —	1.00	\$ 72,370	1.00	\$ 74,730
64042400	61010	640	2800	OE-16	ELECTRONIC TECHNICIAN	1.00	\$ 65,319	1.00	\$ 66,645	1.00	\$ 69,105
64042400	61010	640	3015	OE-14	EQUIPMENT MECHANIC	1.00	\$ 62,691	1.00	\$ 63,616	1.00	\$ 63,768
Total						9.00	\$ 570,990	9.00	\$ 584,702	9.00	\$ 593,657
Water Distribution-FT											
64042700	61010	640	1476	OE-09	WATER DISTR MAINTENANCE WORKER	4.00	\$ 212,256	6.00	\$ 322,400	6.00	\$ 340,132
64042700	61010	640	3200	GE-36	WATER DISTRIBUTION SUPERVISOR	—	\$ —	—	\$ —	1.00	\$ 96,307
64042700	61010	640	2305	OE-10	EQUIPMENT OPERATOR II	2.00	\$ 116,147	1.00	\$ 58,074	1.00	\$ 60,167
64042700	61010	640	2650	GE-31	FOREMAN - WATER DISTR.	1.00	\$ 68,265	1.00	\$ 69,277	1.00	\$ 71,870
Total						7.00	\$ 396,668	8.00	\$ 449,751	9.00	\$ 568,476
Water Distribution - PT											
64042700	61020	640	1476	OE-09	WATER DISTR MAINTENANCE WORKER	0.50	\$ 25,233	0.50	\$ 25,599	0.50	\$ 26,434
64042700	61020	640	2050	GD-03	CUSTODIAN I	0.07	\$ 3,401	0.07	\$ 3,461	0.07	\$ 3,251
Total						0.57	\$ 28,634	0.57	\$ 29,060	0.57	\$ 29,685
TOTAL WATER DEPARTMENT						26.07	\$ 1,629,256	26.07	\$ 1,653,763	26.07	\$ 1,690,828

Capital Improvement Projects by Department/Division					
WATER					
CIP Number	Capital Improvement Project Title	FY 20 Actual Expense	FY 21 Actual Expense	FY 22 Adopted Budget	FY 23 Recomm'd Budget
7401339	SCADA SYSTEM UPGRADE	38,746	23,027	250,000	150,000
7401393	EXHAUST FAN/DUCT SLAKER	—	—	—	67,500
7401396	CHLORINE FEED ROOM EXPL	—	—	—	46,500
7401397	EP OFFICE/LAB PUMP ROOM W	—	—	—	30,000
7401405	WATER MAIN REPLACEMENTS	260,651	146,786	—	97,000
7401415	SHALLOW WELL REHAB	—	53,491	120,000	90,000
7401418	REPLACE VACUUM PUMP-SLDG	—	—	—	25,000
7401422	BUNKER HILL PUMP STATION	—	—	—	15,000
7401423	FOURTH PRESSURE ZONE	—	—	—	115,000
7401672	ROOSEVELT RD MAIN EXT.	2,467,954	1,814,720	—	—
7401826	PAINT PUMP ROOM PIPES	—	—	—	115,000
7401827	SEAL WALLS SOUTH PLNT CO2	—	—	—	970,245
7401828	CLEAR WELL RESERVR-REHAB	—	—	—	13,000
7401829	SECURITY UPGRADES	—	22,800	—	—
7402030	VACUUM FILTER BACK-UP	4,916	11,049	—	—
7402044	GREEN ALLEY PILOT PROJECT	—	—	108,000	—
7402052	WATER METER REPL PROGRAM	3,223	44,816	461,015	529,018
7402234	SOUTHGATE WATER	1,136	—	—	—
7402349	MANSON ROAD WATER MAIN	—	—	—	853,750
7402525	N CASCADE WATER MAIN	13,011	479,715	—	—
7402527	GENERATOR	79,214	4,121	—	90,000
7402594	SW ARTERIAL MAIN EXT	94,322	331,290	—	—
7402595	CREEK CROSSING RESTORE	—	—	—	35,550
7402596	MAIN RELOC SEWER MANHOLE	—	—	25,000	20,000
7402653	LIME SLAKER REPLACE STUDY	—	—	—	—
7402654	FIRE HYDRNT ASSMBLY SW PG	—	—	—	20,000
7402655	MAINT WTR MN - RETAIN WAL	—	—	—	20,000
7402656	WATER STORAGE TANK COATIN	—	4,800	25,000	150,000
7402657	WTR MN UPGRADES - STREET	—	—	20,000	20,000
7402658	WTR MN REPLACE - SWR CONS	10,468	8,799	—	310,250
7402703	WEST RURAL WATER PURCHASE	191,082	36,899	—	165,000
7402705	GRANDVIEW/LORAS INTER IMP	—	—	—	—
7402713	RPR/MAINT WATER LINE ISLA	5,042	—	—	—
7402714	BULK CO2 TANK REPLACEMENT	—	—	—	—
7402744	PUBLIC LEAD LINE WATER RE	—	—	—	84,500
7402745	TAMARAK FRONTAGE WATER MN	35,242	—	—	—
7402746	COTTINGHAM RD WATER MAIN	7,361	54,647	—	—
7402747	CHESTERFIELD DR WATER MAI	—	—	—	—
7402748	EPWP TRANSFORMER SAFETY	11,890	—	—	—
7402786	DAVENPORT RD EXT/PMP STAT	1,465	—	—	—
7402814	BRIARWOOD SUB MAIN EXT	—	—	—	—
7402821	LANDFILL WATER MAIN EXT	—	—	—	80,000
7402836	MAIN EXT TO NEW DEV	—	(19,566)	775,000	—
7402837	WATER PLANT ASSESS PLAN	—	6,441	20,000	20,000
7402838	ALTHAUSER & EAGLE WTR MN	—	—	—	145,000
7402839	WATER PLANT IMPROVEMENTS	—	824	—	—
7402873	PUBLIC SAFETY WAY	—	—	—	—
7402894	WTP & PUMP STATION REHAB	—	—	20,000	200,000
7402895	MCFADDEN WATER MAIN IMP	—	—	385,000	—
7402896	SUPER 20 WATER CONNECTION	—	—	142,000	—
7402897	BURLINGTON WATER MAIN	—	—	350,000	—



Capital Improvement Projects by Department/Division					
WATER					
CIP Number	Capital Improvement Project Title	FY 20 Actual Expense	FY 21 Actual Expense	FY 22 Adopted Budget	FY 23 Recomm'd Budget
7402898	CIWA SYSTEM AGREEMENTS	—	—	125,000	65,000
7402899	OLYMPMIC HTS AUTO FLUSHER	—	—	37,075	—
7402902	E 16TH HYDRANT RELOCATION	—	—	24,000	—
7402933	E 16TH WATER MAIN REPLACE	—	—	71,500	—
7402934	WTP ROOF REPAIR	—	—	200,000	—
<b>WATER</b>	<b>TOTAL</b>	<b>3,225,723</b>	<b>3,024,660</b>	<b>3,158,590</b>	<b>4,542,313</b>

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL	PAGE
<b>WATER DEPARTMENT</b>								
<b>Business Type</b>								
	8th Street Concrete Panel Replacement (Jackson to Central) Water Main Connections 20"	\$ —	\$ 166,000	\$ —	\$ —	\$ —	\$ 166,000	127
	Water Meter Replacement Program	\$ 529,018	\$ 567,500	\$ 567,500	\$ 567,500	\$ 130,950	\$ 2,362,468	128
	Westside Water System Service Line Installation/Fire Hydrant Install/Purchase	\$ 165,000	\$ —	\$ —	\$ —	\$ —	\$ 165,000	129
	Water Main Relocation for Sanitary Sewer Manhole Project	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000	130
	Water Main Upgrades during Street General Repairs	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000	131
	Maintenance of Public Water Mains during Stone Retaining Wall Repair	\$ 20,000	\$ 20,000	\$ —	\$ —	\$ 20,000	\$ 60,000	132
	Fire Hydrant Assembly Relocation/Replacement for the Sidewalk Program	\$ 20,000	\$ 20,000	\$ 20,000	\$ —	\$ 20,000	\$ 80,000	133
	Water Main Replacement Consent	\$ 310,250	\$ 132,000	\$ —	\$ 99,000	\$ —	\$ 541,250	134
	Public Lead Line Water Main Replacement	\$ 84,500	\$ 85,000	\$ —	\$ —	\$ —	\$ 169,500	135
	Wells, Well Field, & Well Transmission Piping Repair and Rehabilitation Program	\$ 90,000	\$ 180,000	\$ 110,500	\$ —	\$ 110,000	\$ 490,500	136
	Water Treatment Plant Condition Assessment and Master Plan	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000	138
	Water Storage Maintenance Program	\$ 150,000	\$ 1,350,000	\$ 100,000	\$ 900,000	\$ 50,000	\$ 2,550,000	139
	Creek Crossing Restoration	\$ 35,550	\$ 35,080	\$ 48,400	\$ 33,120	\$ 29,900	\$ 182,050	140
	Southwest Arterial Water Main Extension	\$ —	\$ —	\$ —	\$ —	\$ 1,083,826	\$ 1,083,826	141
	HWY 20/Dodge St Water Main Relocation	\$ —	\$ —	\$ —	\$ —	\$ 996,000	\$ 996,000	142
	Althaus St. and Eagle St. Water Main Improvements	\$ 145,000	\$ —	\$ —	\$ —	\$ —	\$ 145,000	143
	Water Treatment Plant and Pump Station Pipe Rehabilitation	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000	144
	Pump Station Site Drainage Improvements	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ 15,000	145
	McFadden Farm Water Main Improvement (S. Heacock Rd from Chavenelle to Pennsylvania)	\$ —	\$ —	\$ 305,800	\$ —	\$ —	\$ 305,800	146
	SCADA & Comms Improvements	\$ 150,000	\$ 450,000	\$ —	\$ —	\$ —	\$ 600,000	147
	Green Alley Water Main and Fittings Replacement	\$ —	\$ —	\$ 306,000	\$ —	\$ 475,000	\$ 781,000	149
	CIWA Water System Agreements for Water Service Line Installations	\$ 65,000	\$ 9,000	\$ 25,000	\$ —	\$ —	\$ 99,000	150
	Generators-Park Hill & Mt. Carmel	\$ 90,000	\$ —	\$ —	\$ 125,000	\$ —	\$ 215,000	141
	Chesterfield Drive Water Main Extension	\$ —	\$ —	\$ —	\$ —	\$ 497,500	\$ 497,500	152
	West End Annexation Study and Implementation Phase I	\$ —	\$ —	\$ —	\$ —	\$ 165,000	\$ 165,000	153
	West End Annexation Phase II	\$ —	\$ —	\$ —	\$ —	\$ 300,250	\$ 300,250	154

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL	PAGE
<b>WATER DEPARTMENT</b>								
<b>Business Type</b>								
	Tamarack Park Drive/Wood Gate Drive Frontage Road Water Main Extension	\$ —	\$ —	\$ —	\$ —	\$ 126,000	\$ 126,000	155
	Old Davenport Road Water Main Extension/ Pump Station	\$ —	\$ —	\$ —	\$ —	\$ 251,500	\$ 251,500	156
	Airborne Road Water Main Extension (Landfill Frontage Road)	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ 80,000	157
	IDOT Hwy 20/Dodge St. Improvements (Old Hwy Rd to Crescent Ridge)	\$ —	\$ —	\$ —	\$ —	\$ 156,500	\$ 156,500	158
	Swiss Valley/Highway 20 Interchange Multiple Phases	\$ —	\$ —	\$ —	\$ 360,310	\$ 1,003,138	\$ 1,363,448	159
	Old Highway Road Water Main Extension - Sieppel and Radford Road Loop	\$ 853,750	\$ —	\$ —	\$ —	\$ —	\$ 853,750	160
	Water System Improvements 2022	\$ —	\$ —	\$ 277,829	\$ 2,613,454	\$ 16,276,115	\$ 19,167,398	161
	Water Main Replacements - Streets	\$ 97,000	\$ 544,500	\$ 1,070,000	\$ 540,000	\$ —	\$ 2,251,500	162
	Kennedy Road to Tanzanite Drive Connection (Zone 3 to 4) with Pump Station	\$ —	\$ —	\$ 340,987	\$ 2,268,945	\$ —	\$ 2,609,932	164
	4940 Backhoe/Loader Replacement	\$ 67,500	\$ —	\$ —	\$ —	\$ —	\$ 224,000	131
	Ground Penetrating Radar	\$ 30,000	\$ —	\$ —	\$ —	\$ —	\$ 2,049,000	132
	Sludge Pump Replacement	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ 37,075	133
	Tapping Machine Replacement	\$ 46,500	\$ —	\$ —	\$ —	\$ —	\$ 200,000	134
	Vehicle 4912 Replacement	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ 100,000	135
	Vehicle 4913 Replacement	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ 71,500	136
	Webber Property Phase 1 & 2 - Water	\$ 970,245	\$ —	\$ —	\$ —	\$ —	\$ 24,000	137
	Whacker Compactor Replacement - 4919	\$ 13,000	\$ —	\$ —	\$ —	\$ —	\$ 215,000	138
	<b>TOTAL</b>	<b>\$ 4,542,313</b>	<b>\$ 3,619,080</b>	<b>\$ 3,232,016</b>	<b>\$ 7,567,329</b>	<b>\$ 21,751,679</b>	<b>\$ 42,250,747</b>	

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# **Water & Resource Recovery Center**

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## WATER & RESOURCE RECOVERY CENTER DEPARTMENT

Budget Highlights	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested	% Change From FY 2022 Budget
<u>Expenses</u>				
Employee Expense	1,431,481	1,495,438	1,539,004	2.9 %
Supplies and Services	3,267,601	3,447,666	3,436,023	(0.3)%
Payment to Construction Fund	900,000	700,000	1,796,419	156.6 %
Machinery and Equipment	36,037	116,710	280,600	140.4 %
Engineering - Sewer Administration	134,539	273,818	373,935	36.6 %
Public Works Sewer Maintenance Charges	633,125	782,527	714,116	(8.7)%
Administrative Overhead Recharge	1,539,391	1,575,249	1,694,233	7.6 %
Payment in Lieu of Taxes	142,884	142,884	142,884	— %
Debt Service	10,280,926	5,371,953	5,574,900	3.8 %
Total Expenses	18,365,984	13,906,245	15,552,114	11.8 %
<u>Resources</u>				
Operating Revenue	18,150,904	13,913,564	15,607,120	12.2 %
Total Resources	18,150,904	13,913,564	15,607,120	12.2 %
Net Operating Surplus (Deficit)	(215,080)	7,319	55,006	47,687
<b>Personnel - Authorized FTE</b>	<b>15.00</b>	<b>15.00</b>	<b>15.00</b>	
<b>Sanitary User Fee Rate Increase</b>	<b>— %</b>	<b>3.00 %</b>	<b>9.00 %</b>	
<b>Revenue 1% Rate Increase Generates</b>			<b>\$ 108,715</b>	

### Improvement Package Summary

#### 1 of 2

This improvement request is for upgrading the current 1-Ton work truck with crane to a 1.5-ton truck with larger crane. W&RRC staff have been assigned to maintain the pumps at the new Upper Bee Branch Pump Station. The pumps at the station are too large to safely lift with the current work truck setup. This improvement supports the continued operation and maintenance of the Upper Bee Branch, and the homes it protects.

Related Cost:	<u>\$120,000</u>	Sanitary User Fee	Non-Recurring	<b>Recommend - Yes</b>
Sanitary User Fee Impact	1.19 %			
Activity: Plant Operations				

#### 2 of 2

This improvement request is for replacement of the current side by side utility vehicle with the addition of a full cab. This vehicle is used daily to transport staff, supplies, and equipment around the W&RRC and lift stations. Upgrade of this unit will allow for safe use in all weather conditions.

Related Cost:	<u>\$17,500</u>	Sanitary User Fee	Non-Recurring	<b>Recommend - Yes</b>
Sanitary User Fee Impact	0.17 %			
Activity: Plant Operations				

## **Significant Line Items**

### **Employee Expense**

1. FY 2023 employee expense reflects a 3.25% wage package increase.
2. The Iowa Public Employee Retirement System (IPERS) City contribution of 9.44% is unchanged from FY 2022. The employee contribution of 6.29% is unchanged from FY 2022.
3. The City portion of health insurance expense is increased from \$1,086 in FY 2022 to \$1,119 in FY 2023 per month per contract which results in an annual cost increase of \$5,865 or 3.00%.
4. Overtime is unchanged from \$59,350 in FY 2022 to \$59,350 in FY 2023. FY 2021 actual was \$138,854, due to an ongoing transition from three shifts to one shift and a shortage of staff.
5. Five-Year Retiree Sick leave payout is unchanged from \$8,839 in FY 2022 to \$8,839 in FY 2023.
6. 50% Sick Leave Payout increased from \$1,746 in FY 2022 to \$1,892 in FY 2023 based on FY 2022 actual to-date. 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. Property Insurance increased from \$83,000 in FY 2022 to \$104,906 in FY 2023 based on FY 2022 actual plus 9.5%.
8. Sales Tax increased from \$340,611 in FY 2022 to \$411,777 in FY 2023. This expense is directly offset by sales tax revenue.
9. Electricity Utility Expense decreased from \$553,536 in FY 2022 to \$536,112 in FY 2023 based on FY 2021 actual of \$523,247 plus 2.46%.
10. Gas Utility Expense increased from \$113,106 in FY 2022 to \$118,570 in FY 2023 based on FY 2021 actual of \$110,246 plus 8%.
11. Property Maintenance increased from \$68,350 in FY 2022 to \$102,439 in FY 2023 based on FY 2021 actual. Increase is due to cleaning drying pad and disposal of material at landfill.
12. Machinery and Equipment Maintenance increased from \$350,339 in FY 2022 to \$420,664 in FY 2023 based on FY 2021 actual of \$420,664. The increase is due to digester cleaning, more frequent exchange of gas conditioning media, and increasing maintenance of major equipment, including solids conveyor, electrical switchgear, generators, and pumps. This line item represents samplers and lab equipment maintenance (\$2,735), digester cleaning (\$110,000), pump, grinder and mixer maintenance (\$79,429), primary and final clarifier maintenance (\$20,000), boiler treatment (\$6,000), siloxane media replacement (\$40,000), hydrogen sulfide media replacement (\$110,000), ultraviolet lamp replacement (\$26,000), water based parts washer maintenance (\$5,000), citric acid (\$1,000), backflow testing (\$2,500), monthly jetting of digester heat exchanger (\$3,000), and HVAC maintenance (\$15,000).
13. Equipment Maintenance Contract Expense increased from \$73,698 in FY 2022 to \$73,760 in FY 2023 based on FY 2021 actual of \$73,760.



14. Lift Station Maintenance decreased from \$157,692 in FY 2022 to \$120,082 in FY 2023 based on FY 2021 actual of \$120,082.
15. Polymer Expense decreased from \$355,235 in FY 2022 to \$307,172 in FY 2023 based on FY 2021 actual of \$307,172.
16. Liquid Oxygen increased from \$448,602 in FY 2022 to \$496,251 in FY 2023 based on FY 2021 actual of \$496,251. The FY 2023 budget includes tank rental and oxygen based on the expected usage of 80 million cubic feet.
17. Hauling Service is unchanged from \$304,900 in FY 2022 to \$304,900 in FY 2023.

### **Machinery & Equipment**

18. Equipment replacement items include (\$280,600):

<u>Plant Operations</u>	
Heavy Duty Pickup	\$ 180,000
1/2 Ton Pickup	\$ 35,000
Steam Pressure Washer	\$ 2,000
Kawasaki Mule	\$ 25,000
Shop Equipment	\$ 10,000
Desk & Cell Phones	\$ 2,800
<u>Environmental Monitoring</u>	
Laboratory Equipment	\$ 25,800
Total Equipment	<u>\$ 280,600</u>

## Debt Service

19. Annual debt service payments for FY 2023 are as follows (\$5,574,900):

Amount	Debt Series	Source	Purpose	Final Payment	Call Date
\$ 63,200	G.O. 2017A	Sanitary Fees	Sanitary Sewer Improvements	2030	2025
\$ 95,446	G.O. 2018A	Sanitary Fees	Sanitary Sewer Improvements	2031	2026
\$ 40,937	G.O. 2021A	Sanitary Fees	Sanitary Force Main Repairs	2032	2028
\$ 117,062	G.O. 2019C	Sanitary Fees	Sanitary Sewer Improvements	2033	2026
\$ 386,800	G.O. 2021A	Sanitary Fees	Sanitary Sewer Improvements	2034	2028
\$ 163,706	G.O. 2016C	Sanitary Fees	Sanitary Sewer Improvements	2035	2024
\$ 63,170	SRF 2006	Sanitary Fees	Northfork Catfish Creek	2031	
\$ 218,568	SRF 2009	Sanitary Fees	Meter Change-Out	2031	
\$ 3,696,700	SRF 2010	Sanitary Fees	W&RRC Plant Upgrade	2039	
\$ 186,500	SRF 2013	Sanitary Fees	W&RRC Cogeneration	2033	
\$ 147,656	SRF 2018	Sanitary Fees	Kerper Boulevard Sanitary	2038	
\$ 168,579	Planned	Sanitary Fees	Sanitary Projects	2041	
\$ 212,456	Planned	Sanitary Fees	Sanitary Projects	2042	
\$ 14,120	Planned	Sanitary Fees	Sanitary Projects	2043	
<u>\$ 5,574,900</u>	Total Sanitary Annual Debt Service				

## Revenue

20. Sewage Fees increased from \$10,563,212 in FY 2022 to \$12,028,679 in FY 2023 based on the recommended FY23 rate increase of 9%.
21. Sewage dumping fees increased from \$125,877 in FY 2022 to \$131,197 in FY 2023 based on FY 2021 Actual of \$131,197.
22. Late Payment Penalties is unchanged from \$84,464 in FY 2022 to \$84,464 in FY 2023 based on FY 2019 Actual of \$84,464.
23. The Water and Resource Recovery Center's pre-treatment largest industrial customers projected changes in revenues as follows:
- Prairie Farms increased from \$510,304 in FY 2022 to \$560,399 in FY 2023 based on FY 2021 Actual \$560,399.
  - Inland Protein increased from \$137,383 in FY 2022 to \$160,368 in FY 2023 based on FY 2021 Actual \$160,368.
  - Rousselot increased from \$961,415 in FY 2022 to \$1,016,253 in FY 2023 based on FY 2021 Actual \$1,016,253.
  - Simmons increased from \$412,800 in FY 2022 to \$534,194 in FY 2023 based on projected actual.
24. High Strength Waste revenue increased from \$240,679 in FY 2022 to \$300,000 in FY 2023 based on FY 2022 actual. FY 2021 Actual was \$197,041. This revenue represents other entities paying the City to take high strength waste which will be used in the anaerobic digesters to generate additional energy using the micro-turbines.
25. Gas Revenue increased from \$132,000 in FY 2022 to \$132,202 in FY 2023. This line item represents 5% of the gross revenue for BioResource Development (\$14,217), lease of the site

(\$10,000), staff time reimbursement (\$6,000), reimbursement of gas (\$44,106) and electric reimbursement (\$57,879). Electric reimbursement decreased from \$62,000 in FY 2022 to \$57,879 in FY 2023 due to BioResource Development installing a more efficient compressor that uses less electricity.

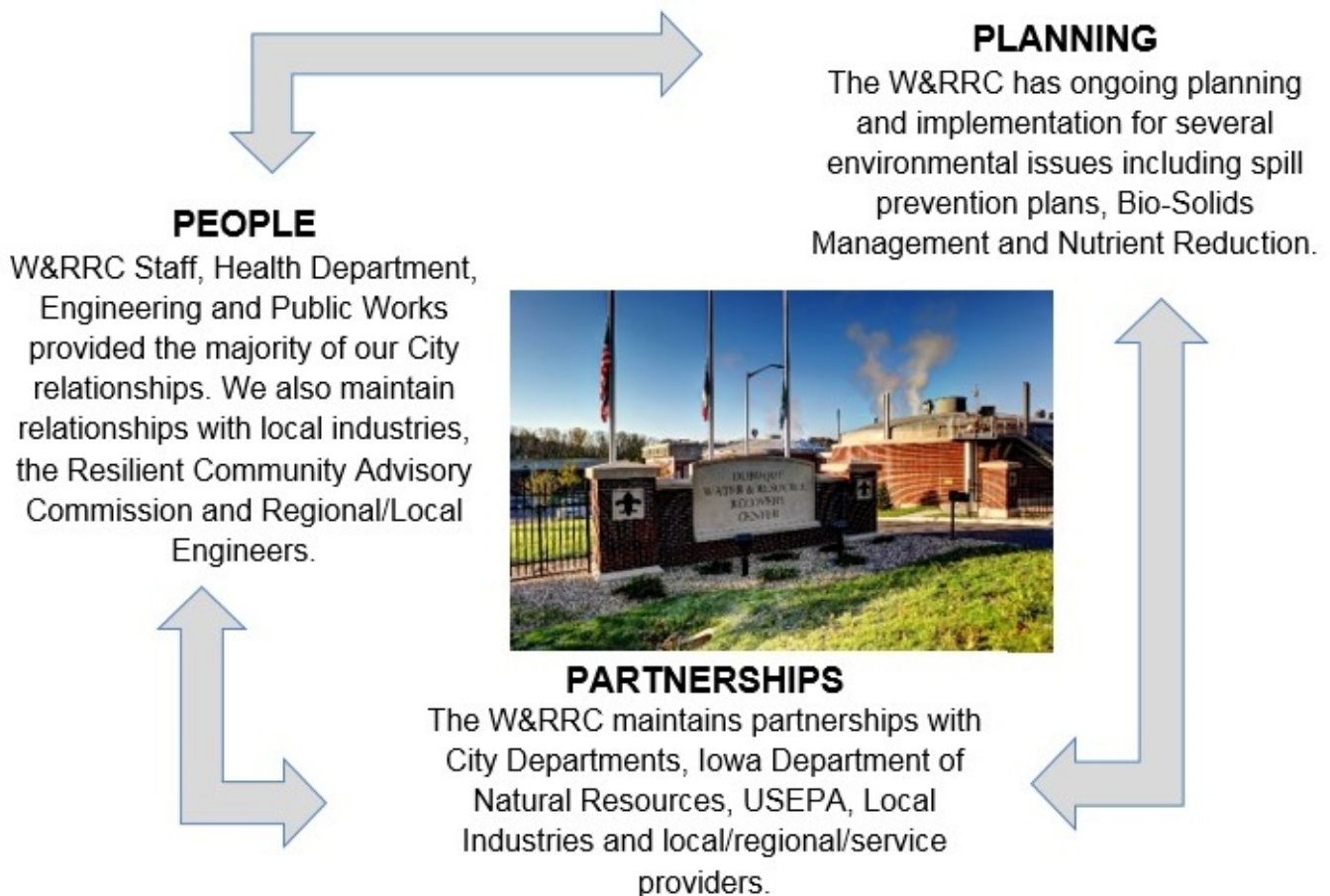
26. Fats, Oils and Grease Permit and Dumping fees increased from \$16,762 in FY 2022 to \$22,606 in FY 2023 based on FY 2021 actual of \$22,606.

# 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.

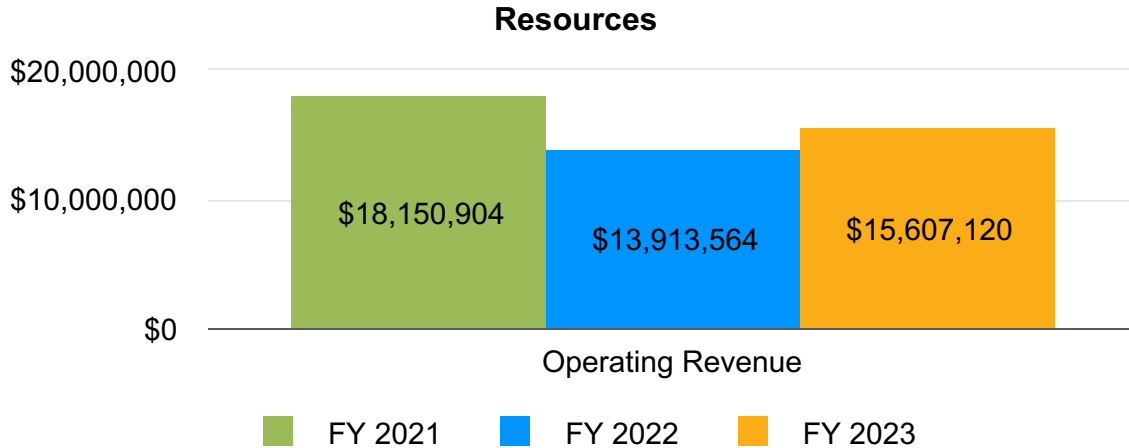


## SUCCESS IS ABOUT PLANNING, PARTNERSHIPS AND PEOPLE LEADING TO OUTCOMES



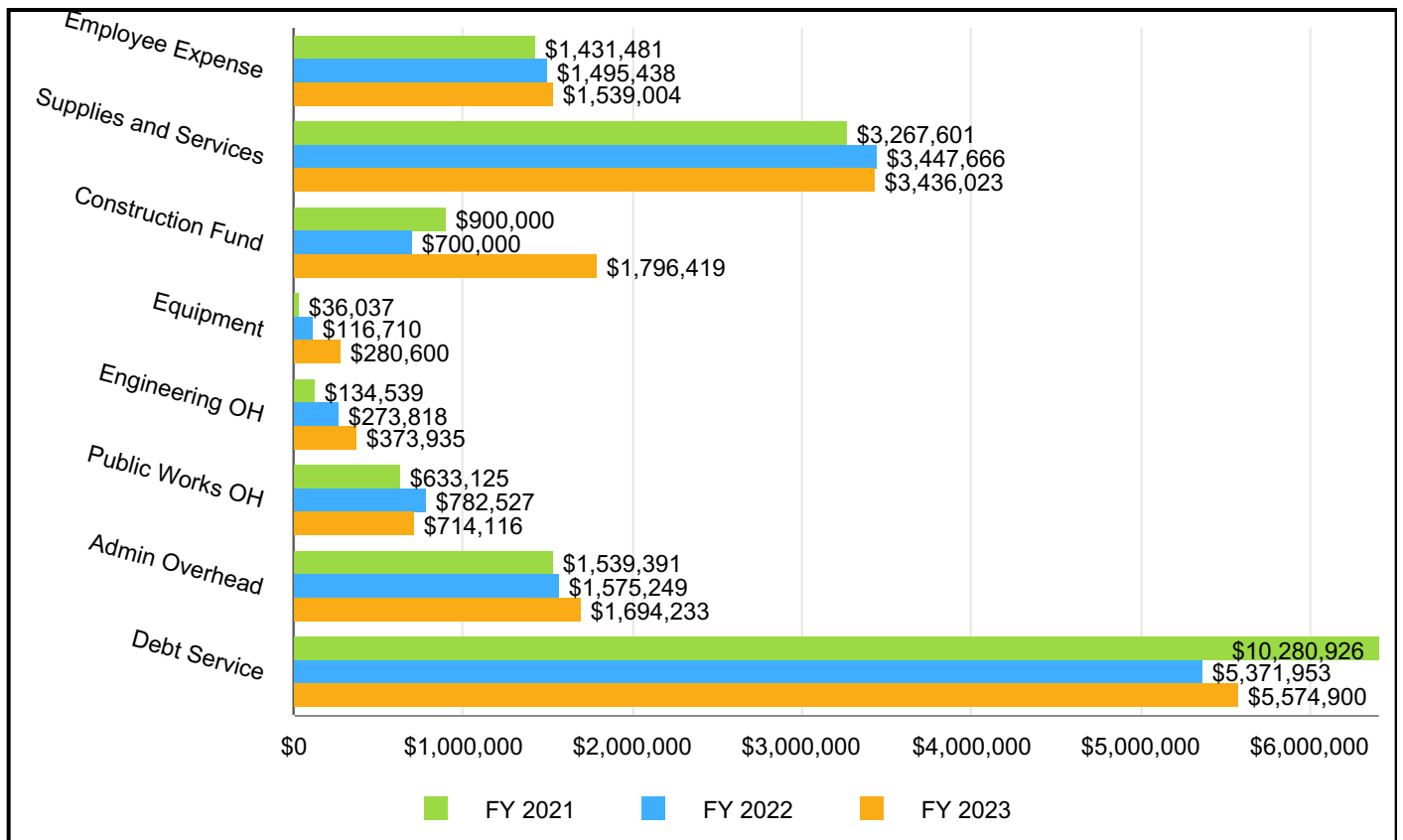
# WATER & RESOURCE RECOVERY CENTER

	FY 2021	FY 2022	FY 2023
Full-Time Equivalent	15.00	15.00	15.00



The Water Resource Recovery Center is supported by 15.00 full-time equivalent employees, which accounts for 21.82% of the department expense as seen below. Overall, the department's expenses are expected to increase by 9% in FY 2023 compared to FY 2022.

## Expenditures and Debt by Fiscal Year



# 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 20 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 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$9,649,367	\$9,957,154	\$10,335,597
Resources	\$18,018,933	\$13,783,358	\$15,476,185

Operations and Maintenance Position Summary	
	FY 2023
WRRRC MANAGER	1.00
MAINTENANCE SUPERVISOR WWT	1.00
W&RRC OPERATIONS SUPERVISOR	1.00
EQUIPMENT MECHANIC - WWT	2.00
INDUSTRIAL ELECTRONICS TECH	1.00
WRRRC OPERATOR CERT GR II	2.00
PLANT OPERATOR GRADE III	1.00
PLANT OPERATOR GRADE IV	1.00
CONFIDENTIAL ACCOUNT CLERK	1.00
<b>Total FT Equivalent Employees</b>	<b>11.00</b>

### Performance Measures

#### City Council Goal: Sustainable Environment

	Performance Measure (KPI)	Target	FY 2020 Actual	FY 2021 Actual	FY 2022 Estimated	Performance Indicator
<b>1</b>	<b>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/streams.</b>					
	# of avg. gallons of wastewater treated per day (in millions)	<7	9.17	8.73	7.22	
	# of pumping station failures/outage incidents	0	4	3	1	
	# of operators with at least Grade II Certification	5	4	4	4	
<b>3</b>	<b>Activity Objective: Increase energy production for use at the W&amp;RRC.</b>					
	% of electricity needs self-produced by the W&RRC	68.3	33.7	36.4	56.8	

# 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 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$363,595	\$462,818	\$487,541
Resources	\$118,811	\$126,645	\$124,214

Environmental Monitoring Position Summary	
	FY 2023
Lab Supervisor	1.00
Lab Technician	2.00
Environmental Coordinator	1.00
<b>Total FT Equivalent Employees</b>	<b>4.00</b>

### Performance Measures

#### City Council Goal: Sustainable Environment

	Performance Measure (KPI)	Target	FY20 Actual	FY21 Actual	FY 2022 Estimated	Performance Indicator
1	<b>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.</b>					
	# of sanitary sewer overflows caused by fats, oils, and grease	0	0	1	0	
2	<b>Activity Objective: Ensure a safe water supply in support of the Water Department.</b>					
	# of avg. water samples analyzed per week from various locations in the City	16	16	16	16	



## Recommended Operating Revenue Budget - Department Total

### 43 - WATER & RESOURCE RECOVERY

Fund	Account	Account Title	FY20 Actual Revenue	FY21 Actual Revenue	FY22 Adopted Budget	FY23 Recomm'd Budget
610	42230	SEWAGE DISPOSAL PERMITS	1,050	500	1,050	500
610	42237	FOG PERMITS	33,070	32,975	33,070	32,975
42	LICENSES AND PERMITS - Total		34,120	33,475	34,120	33,475
610	43110	INVESTMENT EARNINGS	85,140	39,120	85,140	39,120
43	USE OF MONEY AND PROPERTY - Total		85,140	39,120	85,140	39,120
610	51185	WATER TESTS-OUTSIDE	29,023	28,092	29,023	28,092
610	51205	SEWAGE FEES	10,255,546	10,313,287	10,563,212	12,028,679
610	51215	LATE PAYMENT PENALTY	84,464	5,205	84,464	84,464
610	51216	FOG PENALTIES	100	100	100	100
610	51218	ARTCO FLEETING	736	0	736	1,000
610	51220	SWISS VALLEY FARMS	510,304	560,399	510,304	560,399
610	51223	SIMMONS	0	0	412,800	534,194
610	51225	INLAND PROTEIN	137,383	160,368	137,383	160,368
610	51227	HIGH STRENGTH WASTE	240,679	197,041	240,679	300,000
610	51230	SEWAGE DUMPING FEES	125,877	131,197	125,877	131,197
610	51231	FOG DUMPING FEES	16,762	22,606	16,762	22,606
610	51235	WW IND. PRETREATMENT	35,054	33,864	35,054	33,864
610	51240	SAN ROUESSLOT	961,415	1,016,253	961,415	1,016,253
610	51256	BRD LEASE	0	10,000	10,000	10,000
610	51257	BRD STAFF REIMBURSEMENT	0	6,000	6,000	6,000
610	51258	BRD GAS REIMBURSEMENT	0	44,106	40,000	44,106
610	51259	BRD ELECTRIC REIMB	0	57,879	62,000	57,879
610	51260	BRD GROSS REVENUE	0	14,217	14,000	14,217
610	51690	LANDFILL PAYMENT-LAB TEST	664	45	664	45
610	51964	ARENA NOVELT	175	40	175	40
51	CHARGES FOR SERVICES - Total		12,398,181	12,600,697	13,250,648	15,033,503
610	53201	REFUNDS	0	613	0	393
610	53204	IOWA FUEL TAX REFUND	458	0	458	0
610	53520	WATER SAMPLING-PLANT	30,442	30,322	30,442	30,322
610	53523	WWT SAMPLING-OUTSIDE	24,650	24,685	24,650	24,685
610	53605	MISCELLANEOUS REVENUE	11,000	0	11,000	0
610	53620	REIMBURSEMENTS-GENERAL	1,756	125	1,756	0
610	53630	SALES TAX COLLECTION	324,382	377,145	340,610	411,777
53	MISCELLANEOUS - Total		392,687	432,890	408,916	467,177
610	54109	SALVAGE SALES	252	124	252	124
610	54210	GO BOND PROCEEDS	1,114,180	4,766,122	0	0
610	54220	BOND DISCOUNT	50,465	236,009	0	0
54	OTHER FINANCING SOURCES - Total		1,164,897	5,002,255	252	124
610	59100	FR GENERAL	0	29,306	130,927	27,000
59	TRANSFER IN AND INTERNAL - Total		0	29,306	130,927	27,000
WATER & RESOURCE RECOVERY - Total			14,075,026	18,137,743	13,910,003	15,600,399



## Recommended Operating Expenditure Budget - Department Total

### 43 - WATER & RESOURCE RECOVERY

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
100	61010	FULL-TIME EMPLOYEES	2,425	0	0	0
610	61010	FULL-TIME EMPLOYEES	751,828	848,060	1,002,330	1,031,473
610	61020	PART-TIME EMPLOYEES	1,065	0	0	0
610	61030	SEASONAL EMPLOYEES	5,624	10,601	0	0
100	61050	OVERTIME PAY	2,024	0	0	0
610	61050	OVERTIME PAY	194,465	138,854	59,350	59,350
610	61071	HOLIDAY PAY-OVERTIME	22,171	24,028	17,221	18,821
610	61081	COVID19 SCHOOL/DAYCARE CL	2,450	0	0	0
610	61082	COVID19 SICK FAMILY CARE	162	0	0	0
610	61083	COVID19 EMP NON-WORK	6,483	0	0	0
610	61086	SYMPTOMS SEEK DIAGNOSIS	0	2,360	0	0
610	61091	SICK LEAVE PAYOFF	14,125	15,193	8,839	8,839
610	61092	VACATION PAYOFF	8,072	0	0	0
610	61095	PARENTAL LEAVE	10,046	3,496	0	0
610	61096	50% SICK LEAVE PAYOUT	1,746	1,892	1,746	1,892
100	61310	IPERS	420	0	0	0
610	61310	IPERS	93,838	96,958	101,830	104,598
100	61320	SOCIAL SECURITY	323	0	0	0
610	61320	SOCIAL SECURITY	74,886	75,405	83,346	85,590
100	61410	HEALTH INSURANCE	1,229	0	0	0
610	61410	HEALTH INSURANCE	161,311	184,440	195,480	201,345
610	61415	WORKMENS' COMPENSATION	23,810	24,988	21,023	23,456
100	61416	LIFE INSURANCE	3	0	0	0
610	61416	LIFE INSURANCE	567	641	843	690
610	61640	SAFETY EQUIPMENT	4,944	4,565	2,950	2,950
610	61650	MEAL ALLOWANCE	6	0	6	0
610	61660	EMPLOYEE PHYSICALS	474	0	474	0
<b>61 - WAGES AND BENEFITS</b>			<b>1,384,498</b>	<b>1,431,481</b>	<b>1,495,438</b>	<b>1,539,004</b>
610	62010	OFFICE SUPPLIES	1,782	1,008	1,782	1,008
610	62011	UNIFORM PURCHASES	3,290	2,406	3,290	2,406
610	62030	POSTAGE AND SHIPPING	1,546	1,265	1,577	1,291
610	62032	FLAGS	160	0	163	0
610	62061	DP EQUIP. MAINT CONTRACTS	8,808	11,141	11,141	10,920
610	62062	JANITORIAL SUPPLIES	4,619	5,214	4,711	5,318
610	62063	SAFETY RELATED SUPPLIES	0	597	0	608
610	62065	LAB SUPPLIES	23,401	21,150	35,825	35,825
610	62090	PRINTING & BINDING	3,825	3,219	5,262	3,901
610	62110	COPYING/REPRODUCTION	305	224	305	223
610	62130	LEGAL NOTICES & ADS	1,920	45	1,920	45
610	62140	PROMOTION	200	0	450	450
610	62190	DUES & MEMBERSHIPS	160	520	420	1,004
610	62204	REFUNDS	7,184	6,256	7,184	6,256
610	62206	PROPERTY INSURANCE	77,309	76,636	83,000	104,906
610	62208	GENERAL LIABILITY INSURAN	12,479	9,367	9,904	12,975
610	62210	SALES TAX	317,409	376,985	340,611	411,777
610	62310	TRAVEL-CONFERENCES	1,423	135	4,200	4,750
610	62320	TRAVEL-CITY BUSINESS	577	0	580	620
610	62360	EDUCATION & TRAINING	5,075	4,262	9,310	9,250

## Recommended Operating Expenditure Budget - Department Total

### 43 - WATER & RESOURCE RECOVERY

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
610	62411	UTILITY EXP-ELECTRICITY	565,272	523,247	553,536	536,112
610	62412	UTILITY EXP-GAS	113,106	110,246	113,106	118,570
610	62415	UTILITY EXPENSE STORMWATR	15,761	8,853	16,837	9,601
610	62416	UTILITY EXP-WATER	41,759	52,392	43,847	56,584
610	62421	TELEPHONE	7,763	8,451	7,762	8,452
610	62424	RADIO/PAGER FEE	1,967	2,252	2,085	2,387
610	62431	PROPERTY MAINTENANCE	55,673	102,439	68,350	102,439
610	62434	HVAC MAINTENANCE	7,123	8,689	7,123	8,689
610	62435	ELEVATOR MAINTENANCE	2,400	2,200	2,400	2,200
610	62436	RENTAL OF SPACE	440	440	440	440
610	62438	FIRE SUPPRESSION	5,397	15,355	5,397	15,355
610	62511	FUEL, MOTOR VEHICLE	7,801	6,198	8,450	9,295
610	62513	FUEL, DIESEL	1,758	1,455	3,200	3,360
610	62521	MOTOR VEHICLE MAINT.	10,336	9,533	10,542	9,723
610	62528	MOTOR VEH. MAINT. OUTSOUR	4,520	1,087	1,742	1,742
610	62611	MACH/EQUIP MAINTENANCE	350,339	420,664	350,339	420,664
610	62612	MAJOR REPAIR ELEMENT	51,385	0	51,385	0
610	62614	EQUIP MAINT CONTRACT	73,698	73,760	73,698	73,760
610	62623	CETRIFUGE MAINTENANCE	4,849	0	37,000	0
610	62625	LIFT STATION MAINTENANCE	157,692	120,082	157,692	120,082
610	62628	INSTRUMENTATION MAINT	1,250	8,933	1,250	8,933
610	62629	INSTR MAINT CONTRACT	44,152	21,029	44,152	21,029
610	62631	LIME	0	0	0	960
610	62633	CHLORINE	10,294	6,901	10,294	6,901
610	62637	LANDSCAPE/FERT/PLANTS	22	0	22	0
610	62638	POLYMER	355,235	307,172	355,235	307,172
610	62639	LIQUID CO2/O2	381,407	496,251	448,602	496,251
610	62663	SOFTWARE LICENSE EXP	10,595	9,365	10,595	34,252
610	62666	CREDIT CARD CHARGE	567	315	567	315
610	62667	DATA SERVICES	810	955	810	955
610	62681	LUBRICATION PRODUCTS	3,683	3,277	3,683	3,277
610	62692	LANDFILL FEES	93,633	43,386	51,531	43,386
610	62696	OUTSIDE COLLECTOR EXPENSE	5,142	1,133	5,142	1,133
610	62710	CONTRACTOR SERVICES	352	2,059	352	2,059
610	62712	CONSULTING ENGINEERS	22,044	0	22,044	0
610	62713	LEGAL SERVICES	4,212	1,916	0	0
610	62716	CONSULTANT SERVICES	8,283	21,677	84,087	20,000
610	62721	FINANCIAL CONSULTANT	0	8,595	0	0
610	62726	AUDIT SERVICES	2,500	2,600	0	2,678
610	62731	MISCELLANEOUS SERVICES	6,791	12,640	2,700	0
610	62732	TEMP HELP/CONTRACT SERV.	0	0	20,000	20,000
610	62733	CONTRACT CUSTODIAL	17,660	9,101	17,700	17,700
610	62736	CATERING SERVICES	513	0	300	300
610	62763	PAYMENT TO IOWA DNR	1,870	5,180	2,134	5,834
610	62767	ENVIRON. TESTING/MON.	25,288	30,260	25,000	25,000
610	62780	HAULING SERVICES	309,681	287,082	304,900	304,900
<b>62 - SUPPLIES AND SERVICES</b>			<b>3,256,495</b>	<b>3,267,601</b>	<b>3,447,666</b>	<b>3,436,023</b>
610	62724	BOND PAYING AGENT FEE	531	0	531	0

## Recommended Operating Expenditure Budget - Department Total

### 43 - WATER & RESOURCE RECOVERY

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
<b>627 - CONTRACTUAL SERVICES</b>			<b>531</b>	<b>0</b>	<b>531</b>	<b>0</b>
610	71124	COMPUTER	0	745	0	0
610	71312	VAN/PICKUP/WAG REPL	0	0	65,000	35,000
610	71314	TRUCK-REPLACEMENT	0	0	0	180,000
610	71318	HEAVY EQUIP-REPLACEMENT	0	0	31,500	0
610	71410	SHOP EQUIPMENT	9,289	0	10,000	10,000
610	71413	LABORATORY EQUIPMENT	430	5,442	7,700	25,800
610	71421	HIGH PRESSURE SPRAY	2,800	0	0	2,000
610	71520	HVAC	0	29,679	0	0
610	71521	REFRIGERATOR	1,099	0	0	0
610	71522	TRUCKSTER	0	0	0	25,000
610	72418	TELEPHONE RELATED	13	171	2,510	2,800
<b>71 - EQUIPMENT</b>			<b>13,631</b>	<b>36,037</b>	<b>116,710</b>	<b>280,600</b>
610	74111	PRINCIPAL PAYMENT	4,729,712	8,612,701	3,777,014	4,022,524
610	74112	INTEREST PAYMENT	1,673,174	1,668,225	1,594,939	1,552,376
<b>74 - DEBT SERVICE</b>			<b>6,402,886</b>	<b>10,280,926</b>	<b>5,371,953</b>	<b>5,574,900</b>
610	91100	TO GENERAL	1,586,998	1,682,275	1,718,133	1,837,117
610	91710	TO SANITARY SEWER CONST	458,758	900,000	700,000	1,796,419
<b>91 - TRANSFER TO</b>			<b>2,045,756</b>	<b>2,582,275</b>	<b>2,418,133</b>	<b>3,633,536</b>
<b>43 - WATER &amp; RESOURCE RECOVERY TOTAL</b>			<b>13,103,796</b>	<b>17,598,320</b>	<b>12,850,431</b>	<b>14,464,063</b>

## Recommended Expenditure Budget Report by Activity & Funding Source

### 43 - WATER & RESOURCE RECOVERY

**UNDISTRIBUTED - 10610**

**FUNDING SOURCE: SEWAGE FACILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
DEBT SERVICE	4,974,458	—	—
SUPPLIES AND SERVICES	28,624	12,326	7,389
TRANSFER TO	2,582,275	2,418,133	3,633,536
<b>UNDISTRIBUTED</b>	<b>7,585,357</b>	<b>2,430,459</b>	<b>3,640,925</b>
<b>WPC ADMINISTRATION</b>	<b>- 43100</b>		

**FUNDING SOURCE: SEWAGE FACILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
CONTRACTUAL SERVICES	—	531	—
DEBT SERVICE	5,306,468	5,371,953	5,574,900
EQUIPMENT	745	350	—
SUPPLIES AND SERVICES	414,418	390,323	495,969
WAGES AND BENEFITS	160,087	145,948	150,625
<b>WRRP ADMINISTRATION</b>	<b>6,907,175</b>	<b>5,885,498</b>	<b>5,909,105</b>
<b>FLOODWALL OPER./MAINT.</b>	<b>- 43340</b>		

**FUNDING SOURCE: GENERAL**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
WAGES AND BENEFITS	—	—	—
<b>FLOODWALL OPER./MAINT.</b>	<b>6,425</b>	<b>—</b>	<b>—</b>
<b>WPC PLANT OPERATIONS</b>	<b>- 43400</b>		

**FUNDING SOURCE: SEWAGE FACILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
EQUIPMENT	29,679	108,660	254,800
SUPPLIES AND SERVICES	2,753,809	2,962,918	2,847,995
WAGES AND BENEFITS	946,382	941,227	975,040
<b>WRR PLANT OPERATIONS</b>	<b>3,729,870</b>	<b>4,012,805</b>	<b>4,077,835</b>
<b>FATS OILS GREASE</b>	<b>- 43500</b>		

**FUNDING SOURCE: SEWAGE FACILITY OPERATION**

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	7,049	9,204	9,444
WAGES AND BENEFITS	30,730	26,040	26,824
<b>FATS OILS GREASE</b>	<b>37,779</b>	<b>35,244</b>	<b>36,268</b>
<b>ENVIRON-MONITORING</b>	<b>- 43700</b>		

**FUNDING SOURCE: SEWAGE FACILITY OPERATION**

## Recommended Expenditure Budget Report by Activity & Funding Source

### 43 - WATER & RESOURCE RECOVERY

UNDISTRIBUTED - 10610			
Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
EQUIPMENT	5,613	7,700	25,800
SUPPLIES AND SERVICES	63,700	72,895	75,226
WAGES AND BENEFITS	294,282	382,223	386,515
ENVIRON-MONITORING	363,595	462,818	487,541
<b>WATER &amp; RESOURCE RECOVERY TOTAL</b>	<b>\$17,598,320</b>	<b>\$12,850,431</b>	<b>\$14,464,063</b>

CITY OF DUBUQUE, IOWA  
DEPARTMENT DETAIL - PERSONNEL COMPLEMENT  
43 WATER AND RESOURCE RECOVERY CENTER

FD	JC	WP-GR	JOB CLASS	FY 2021		FY 2022		FY 2023	
				FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
61010 Full Time Employee Expense									
610	5080	GE-40	WRRC MANAGER	1.00	\$ 111,599	1.00	\$ 113,261	1.00	\$ 116,945
610	3030	GE-34	MAINTENANCE SUPERVISOR WWT	1.00	\$ 83,333	1.00	\$ 84,561	1.00	\$ 87,301
610		GE-33	WRRC OPERATIONS SUPERVISOR	1.00	\$ 69,426	1.00	\$ 61,533	1.00	\$ 63,538
610		GE-33	LAB SUPERVISOR	1.00	\$ 67,589	1.00	\$ 68,591	1.00	\$ 65,603
610		GE-31	ENVIRONMENTAL COORDINATOR	1.00	\$ 53,134	1.00	\$ 61,437	1.00	\$ 58,990
610	2100	GE-31	LAB TECHNICIAN II	2.00	\$ 126,360	2.00	\$ 131,408	2.00	\$ 139,991
610		GE-25	CONFIDENTIAL ACCOUNT CLERK	1.00	\$ 50,518	1.00	\$ 51,249	1.00	\$ 52,906
610	2400	OE-14	EQUIPMENT MECHANIC - WWT	2.00	\$ 123,556	2.00	\$ 125,836	2.00	\$ 130,086
610	2800	OE-16	MAINTENANCE ELECTRICIAN	1.00	\$ 60,753	1.00	\$ 63,372	1.00	\$ 65,814
610		OE-16	WRRC OPERATOR CERT GR IV	1.00	\$ 64,063	1.00	\$ 65,234	1.00	\$ 67,343
610		OE-13	WRRC OPERATOR CERT GR III	1.00	\$ 60,103	1.00	\$ 60,989	1.00	\$ 62,971
610	2500	OE-12	WRRC OPERATOR CERT GR II	2.00	\$ 110,480	2.00	\$ 114,859	1.00	\$ 61,784
610	2450	OE-12	WRRC OPERATOR (NC/GR I C)	—	\$ —	—	\$ —	1.00	\$ 58,201
TOTAL FULL TIME EMPLOYEES				15.00	\$ 980,914	15.00	\$1,002,330	15.00	\$1,031,473
TOTAL WATER & RESOURCE RECOVERY CENTER				15.00	\$ 980,914	15.00	\$1,002,330	15.00	\$1,031,473

**CITY OF DUBUQUE, IOWA  
ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023			
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET		
Water & Resource Recovery Center Administration												
61043100	61010	610	3300	GE-40	WRRC MANAGER	1.00	\$ 111,599	1.00	\$ 113,261	1.00	\$ 116,945	
					Total	1.00	\$ 111,599	1.00	\$ 113,261	1.00	\$ 116,945	
Water & Resource Recovery Center Plant Operation												
61043400	61010	610	3030	GE-34	MAINTENANCE SUPERVISOR WWT	1.00	\$ 83,333	1.00	\$ 84,561	1.00	\$ 87,301	
61043400	61010	610		GE-33	WRRC OPERATIONS SUPERVISOR	1.00	\$ 69,426	1.00	\$ 61,533	1.00	\$ 63,538	
61043400	61010	610	2400	OE-14	EQUIPMENT MECHANIC - W&RRC	2.00	\$ 123,556	2.00	\$ 125,836	2.00	\$ 130,086	
61043400	61010	610	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.65	\$ 32,837	0.65	\$ 33,312	0.65	\$ 34,389	
61043400	61010	610	3942	OE-13	W&RRC OPERATOR GR III	2.00	\$ 124,166	2.00	\$ 126,223	1.00	\$ 62,971	
61043400	61010	610		OE-16	W&RRC OPERATOR GR IV	—	\$ —	—	\$ —	1.00	\$ 67,343	
61043400	61010	610	2500	OE-12	W&RRC OPERATOR GR I/II	2.00	\$ 110,480	2.00	\$ 114,859	2.00	\$ 119,985	
61043400	61010	610	2800	OE-16	MAINTENANCE ELECTRICIAN	1.00	\$ 60,753	1.00	\$ 63,372	1.00	\$ 65,814	
					Total	9.65	\$ 604,551	9.65	\$ 609,696	9.65	\$ 631,427	
Environmental Monitoring Lab-FT												
61043700	61010	610		GE-33	LAB SUPERVISOR	1.00	\$ 67,589	1.00	\$ 68,591	1.00	\$ 65,603	
61043700	61010	610	2100	GE-31	LAB TECHNICIAN II	2.00	\$ 126,360	2.00	\$ 131,408	2.00	\$ 139,991	
61043700	61010	610	2228	GE-31	ENVIRONMENTAL COORDINATOR	1.00	\$ 53,134	1.00	\$ 61,437	1.00	\$ 58,990	
					Total	4.00	\$ 247,083	4.00	\$ 261,436	4.00	\$ 264,584	
Fat Oils and Grease-FT												
61043500	61010	610	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.35	\$ 17,681	0.35	\$ 17,937	0.35	\$ 18,517	
						0.35	\$ 17,681	0.35	\$ 17,937	0.35	\$ 18,517	
TOTAL WATER & RESOURCE RECOVERY DEPARTMENT							15.00	\$ 980,914	15.00	\$1,002,330	15.00	\$1,031,473

Capital Improvement Projects by Department/Division					
WATER & RESOURCE RECOVERY					
CIP Number	Capital Improvement Project Title	FY 20 Actual Expense	FY 21 Actual Expense	FY 22 Adopted Budget	FY 23 Recomm'd Budget
7101296	PHASE III PLANT RENOVATIO	—	23,818	—	—
7101305	CATFISH PUMP REPLACEMENT	21,642	—	—	—
7101339	SCADA SYSTEM UPGRADE	—	—	50,000	—
7101837	WRR PLANT RENOVATION	—	—	—	—
7101924	SLUDGE/GREASE GRINDERS	—	—	25,000	—
7102149	STANDBY GENERATOR	—	—	60,000	—
7102412	CEDAR LIFT PUMP/GEN/TRAIL	149,511	—	—	—
7102529	NUTRIENT REDUCT STRATEGY	—	26,644	—	—
7102601	REPLACEMENT OF RADIOS	—	5,846	—	—
7102698	METHANE GAS SYSTEM WRRC	—	—	—	—
7102700	LEVEL 4 AGREEMENT	—	5,472	—	—
7102701	HS WASTE RECEIVE & STORE	—	—	1,632,346	—
7102787	WRRC CAMERAS	—	—	—	—
7102840	PUMP TRAILER WRRC	—	52,812	—	—
7102841	UV DISINFECTION WRRC	—	—	—	—
7102904	LABORATORY HVAC REPLC	—	—	15,000	—
7102935	KERPER LIFT STATION PUMP	—	—	40,000	—
<b>WATER &amp; RESOURCE RECOVERY TOTAL</b>		<b>171,153</b>	<b>114,592</b>	<b>1,822,346</b>	<b>—</b>



PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL	PAGE
<b>WATER &amp; RESOURCE RECOVERY CENTER</b>								
<b>Business Type</b>								
	Final Clarifier Rehabilitation	\$ —	\$ —	\$ 1,500,000	\$ —	\$ —	\$ 1,500,000	173
	Lift Station SCADA Upgrades	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ —	\$ 100,000	174
	Sidestream Nitrogen Removal	\$ —	\$ —	\$ 400,000	\$ 3,600,000	\$ —	\$ 4,000,000	175
	Sidestream Phosphorous Removal	\$ —	\$ —	\$ 435,000	\$ 4,350,000	\$ —	\$ 4,785,000	176
	Boiler #2	\$ —	\$ 425,000	\$ —	\$ —	\$ —	\$ 425,000	177
	Struvite Control System	\$ —	\$ 1,060,000	\$ —	\$ —	\$ —	\$ 1,060,000	178
	Bar Screen Replacement	\$ —	\$ —	\$ 1,590,000	\$ —	\$ —	\$ 1,590,000	179
	RAS Pump Replacement	\$ —	\$ —	\$ 980,000	\$ —	\$ —	\$ 980,000	180
	<b>TOTAL</b>	<b>\$ —</b>	<b>\$ 1,485,000</b>	<b>\$ 4,955,000</b>	<b>\$ 8,000,000</b>	<b>\$ —</b>	<b>\$ 14,440,000</b>	

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# **Public Works**

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## PUBLIC WORKS DEPARTMENT

<b>Budget Highlights</b>	<b>FY 2021 Actual</b>	<b>FY 2022 Budget</b>	<b>FY 2023 Requested</b>	<b>% Change From FY 2022 Budget</b>
<u>Expenses</u>				
Employee Expense	7,518,829	8,382,724	8,752,327	4.4 %
Supplies and Services	7,590,773	7,843,583	8,417,134	7.3 %
Machinery and Equipment	220,596	681,079	1,096,781	61.0 %
Subtotal	15,330,198	16,907,386	18,266,242	8.0 %
Public Works Administrative / Garage Stores	686,788	803,700	966,357	20.2 %
Administrative Overhead Recharge	1,612,328	1,659,457	1,783,326	7.5 %
Less Recharges/Service Fund Charges	(1,842,182)	(2,080,475)	(2,235,603)	7.5 %
Total Expenses	15,787,132	17,290,068	18,780,322	8.6 %
<u>Resources</u>				
Operating Revenue	80,306	39,815	48,123	20.9 %
Salt Operations Fund	119,885	104,387	113,562	8.8 %
Road Use Tax Fund	5,908,126	6,569,965	7,126,098	8.5 %
Sewer Utility Operating Fund	633,125	782,527	714,116	(8.7)%
Stormwater User Fund	213,027	270,180	286,307	6.0 %
Refuse Collection Fund	4,202,682	4,344,208	5,140,013	18.3 %
Landfill Operating Fund	3,886,377	4,130,909	4,165,363	0.8 %
Total Resources	15,043,528	16,241,991	17,593,582	8.3 %
Debt Service abated with Sales Tax 30%	552,754	134,625	83,650	(37.9)%
Debt Service abated with Landfill Fees	663,359	660,609	660,459	— %
Debt Service abated with Solid Waste Fees	7,276	8,484	8,904	5.0 %
Total Non-Property Tax Debt Service	1,223,389	803,718	753,013	(6.3)%
Property Tax Support	743,604	1,048,077	1,186,740	138,663
Percent Increase (Decrease)				13.2 %
<b>Personnel - Authorized FTE</b>	<b>93.28</b>	<b>93.28</b>	<b>93.43</b>	

<b>Solid Waste Collection Fund Summary</b>	<b>FY 2021 Actual</b>	<b>FY 2022 Budget</b>	<b>FY 2023 Requested</b>	<b>% Change From FY 2022 Budget</b>
Administrative Overhead Recharges/Utility Billing	1,191,482	1,219,202	1,305,346	7.1 %
Refuse Operations	3,011,200	3,125,006	3,834,667	22.7 %
Debt Service - Refuse	7,276	8,484	8,904	5.0 %
Payment to Depreciation	510,000	325,000	550,000	69.2 %
Total Requirements	4,719,958	4,677,692	5,698,917	21.8 %
Refuse Fees (Incl tipper carts/other)	3,952,148	4,223,391	4,581,085	8.5 %
UBP Single Use Refuse Sticker	122,875	109,486	122,875	12.2 %
Sales Tax Collection	6,702	7,207	7,220	0.2 %
Yard Waste Stickers & Ties	131,459	125,601	131,459	4.7 %
Leaf Rake Out Fees	7,205	5,915	7,205	21.8 %
Food Scrap	9,131	10,647	9,131	(14.2)%
Recyclable Sales	10,941	762	96,000	12,498.4 %
Subscription Recycling	6,543	6,196	6,543	5.6 %
Large Item Pickup	78,408	58,982	78,408	32.9 %
Miscellaneous Revenue	66,013	98,480	651,060	561.1 %
General Fund - 50% Rate Reduction	40,557	43,860	43,000	(2.0)%
Total Resources	4,431,982	4,690,527	5,733,986	22.2 %
Annual Operating Surplus (Deficit)	(287,976)	12,835	35,069	22,234
<b>Personnel - Authorized FTE</b>	<b>20.75</b>	<b>20.75</b>	<b>20.74</b>	
<b>Solid Waste User Fee Rate Increase</b>	<b>(4.03)%</b>	<b>2.60 %</b>	<b>— %</b>	
<b>Solid Waste User Fee</b>	<b>\$ 14.99</b>	<b>\$ 15.38</b>	<b>\$ 15.38</b>	
<b>Revenue 1% Rate Increase Generates</b>			<b>\$ 31,475</b>	
<b>Salt Operations Fund Summary</b>	<b>FY 2021 Actual</b>	<b>FY 2022 Budget</b>	<b>FY 2023 Requested</b>	<b>% Change From FY 2022 Budget</b>
Salt Purchase	103,272	88,755	96,750	9.0 %
Salt Handling Fees	9,305	9,060	9,240	2.0 %
Miscellaneous Fees	1,634	940	1,634	73.8 %
Administrative Overhead	5,674	5,632	5,938	5.4 %
Property Maintenance	—	—	—	— %
Total Requirements	119,885	104,387	113,562	8.8 %
Salt Sales	120,416	88,755	97,665	10.0 %
Salt Storage Fees	4,773	6,637	6,000	(9.6)%
Salt Handling Fees	—	9,060	9,240	2.0 %
Total Resources	125,189	104,452	112,905	8.1 %
Annual Operating Surplus (Deficit)	5,304	65	(657)	(722)

## **Improvement Package Summary**

### **Public Works**

#### **1 of 17**

This improvement request would provide funds for creation of one full time Geospatial Data Analyst position (GE-34A) in the Public Works Department. In order to keep up with the needs of a growing municipality, infrastructure maintenance, fleet maintenance, annexation, and the ever-looming natural disasters, the Data Analyst will focus on analysis and problem solving as it relates to data, types of data, and relationships among data elements within a business system or IT system. The backbone of their work includes the ability to work within Graphic Information Systems to allow for efficiencies in tracking costs related to daily operations. The goal is to lessen or mitigate reactionary maintenance that depletes emergency funds and previously allocated monies.

Cedar Rapids has shown us the true impact of Public Works Analysts. With the recent derecho that tore through Cedar Rapids, the Public Works department was able to track and coordinate amongst themselves, city partners, private companies, and community members. Their data analyst was able to log all hours and costs related to their declared national emergency proclamation. Being able to track crews through various stages of clean up, they were able to get 150 of 191 signal lights and all stop signs up within one week. Their ability to accomplish this task was credited to their Public Works Analyst.

Tracking Solid Waste inventory in Cartegraph and GIS, we can deduce how fee structures are impacting Low-to-Moderate Income and non-white populations in Dubuque. This position will leverage geospatial data to identify service gaps and hotspots for infractions. This will lead to compliance increase by better targeting inspections and maintenance on underground infrastructure.

Honing sanitary sewer variables in to Cartegraph, Public Works Geospatial Data Analyst can create an algorithm to hone on the lines that need immediate replacement or maintenance. Collecting this data will ensure DOJ Compliance is met and overflows or basement backups are minimized.

Currently, staff are not tracking the data needed to make efficiencies in service and fee structure due to lack of expertise and dedicated man-hours. This data analyst would be able to assist GIS department and Information Services Department when necessary but would be dedicated to Public Works Data Infrastructure & Operational Routes.

Taking the return on investment Cincinnati recorded and making the assumption The City of Dubuque sees twenty percent (20%) of that return within the first two years, we can expect \$224,291 money saved or reallocated to improvements in outcomes for the citizens of our community within the first two years in excess of the recurring costs of this position. This request is related to the council goal of financially responsible, high performance city organization, sustainable, equitable and effective service delivery.

The Connected Communities goal is reached by devoting a full-time position to tracking, maintaining, and inputting clean data into GIS. This will allow Public Works to be transparent within the community regarding operations and maintenance of assets that affect their daily lives.

<b>FUND NAME</b>	<b>FUND</b>	<b>% ALLOC</b>	<b>\$ ALLOC</b>
Landfill	940	14.50 %	12,249
Sanitary Sewer	610	6.00 %	5,069
Storm Sewer	620	3.00 %	2,534
General	100	11.00 %	9,292
Road Use Tax	250	45.50 %	38,437
Salt Operations	680	1.00 %	845
Solid Waste	670	14.00 %	11,827
Garage Fund	600	5.00 %	4,224

Related Cost:	\$ 8,125	Tax Funds	Non-Recurring	<b>Recommend - No</b>
Related Cost:	\$ 76,352	Tax Funds	Recurring	
Net Cost:	<u>\$ 84,477</u>			
Property Tax Impact:	\$ 0.0332	0.21%		

Activity: Administration

## 2 of 17

This improvement request would provide funds for the purchase of one grapple bucket which would be mounted on one existing Public Works wheel loader. This bucket would allow Public Works to respond better to an event which causes widespread yard debris generation (i.e. storm damage). This bucket may also be used to enable staff to assist Housing in citation removals and Solid Waste activity for large-item-pick-ups when needed. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery.

Related Cost:	\$ 23,100	Road Use Tax Funds	Non-Recurring	<b>Recommend - Yes</b>
Net Cost:	<u>\$ 23,100</u>			
Property Tax Impact:	\$ 0.0091	0.09%		
Activity: Street Cleaning				

## 3 of 17

This improvement request is for the purchase of a mowing attachment for the current skid steer unit. With the transfer of the Northwest Arterial from State to City maintenance responsibility, there are several areas of vegetation in the right-of-way that are not accessible with the current weed tractor or mowing equipment. These areas would be cut once or twice a year to keep trees and other types of vegetation under control for both visibility and aesthetics reasons.

Related Cost:	\$ 7,500	Road Use Tax Funds	Non-Recurring	<b>Recommend - Yes</b>
Total Cost	<u>\$ 7,500</u>			
Property Tax Impact:	\$ 0.003	0.03%		
Activity: Street Cleaning				

## 4 of 17

This improvement request would provide funds for the purchase of one Bright Signs module for use in the Municipal Services Center. In Public Works, there are over 90 FTEs, over four separate designated areas of work to disperse high priority information daily. 20% of adults experience information overload according to Pew Research Center. This can create a mental fog which leads to impaired decision making, willpower, productivity, focus, critical thinking, and assessment. Bright Signs offer an easy solution to disperse filtered information to a mass group. Employees within Public Works do not all have designated computers, tablets, phone, or email. With the increased use of electronic information only, it is important to have a new way to communicate with all staff and not just staff with email or a computer. Bright Signs are currently used within Transportation Services and Information Services Departments. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery.

Related Cost:	\$ 1,500	Tax Funds	Recurring	<b>Recommend - Yes</b>
Net Cost:	<u>\$ 1,500</u>			
Property Tax Impact:	\$ 0.0006	0.01%		
Activity: Street Maintenance				



**5 of 17**

This improvement request is for the purchase of one mini excavator. These funds would supplement funds requested in the Fiscal Year Capital Improvement Program for the replacement of unit # 3214, a 2010 John Deere backhoe loader. Replacing the existing backhoe unit with the requested mini excavator unit would provide the operator with improved maneuverability in congested work zones. The rotating, short-radius house gives the mini excavator a much broader range of reach for loading trucks and can fit in places a wheel loader backhoe cannot go. The department current has one mini excavator and operators have found it very useful on various projects including curb repair, concrete section repair, and asphalt base repair. Operators have found they have improved production when using the mini excavator. Funding this improvement request would provide our staff with tools they need to provide cost effect repairs. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery. .

Related Cost:	<u>\$ 30,000</u>	Road Use Tax	Non-Recurring	<b>Recommend - Yes</b>
Total Cost	<u>\$ 30,000</u>			
Property Tax Impact:	\$ 0.0118	0.12%		
Activity: Street Maintenance				

**6 of 17**

This improvement request provides funds for the use of goats for weed control along the riverside of the Peosta Channel section of the flood control levee. The Corps of engineers requires a weed control program for all of the flood control system. On this section of levee, the land side is mowed, and the river side of the levee is sprayed with a herbicide to kill unwanted vegetation. Once sprayed any remaining weeds must be manually cut by staff. Due to the rip rap which armors the riverside of the levee this is very hazardous work for our staff to accomplish. Although weed control is very important to the success of the flood control system, spraying herbicide is unpopular with some of the trail users. If funding for this project is approved, it will eliminate the hazards of manual week cutting and eliminates an unpopular practice on this heavily used section of levee trail. This project cost would be off set by \$5,000 in annual spraying costs. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery.

Related Cost:	<u>\$ 35,000</u>	Tax Funds	Recurring	<b>Recommend - No</b>
Property Tax Impact:	\$ 0.0138	0.14%		
Activity: Floodwall Operation				

**7 of 17**

This improvement request would provide funds for a full-time Sanitation Driver (1.0 FTE) to be shared between yard waste and snow and ice control and eliminates seasonal laborers (1.17 FTE total) in the Street Signs and Markings (0.5 FTE), Refuse Collection (0.09 FTE), Yard Waste Collection (0.50 FTE), and Recycling Collection (0.08 FTE) activities. The net impact to full-time equivalents would be a reduction of 0.34 FTE. , a seasonal position has not proven to be a value-added expense.

Related Cost:	\$ 31,441	Road Use	Recurring	<b>Recommend - Yes</b>
Related Cost:	\$ 42,874	Refuse Funds	Recurring	
Related Cost Savings:	\$ (20,139)	Tax Funds	Recurring	
Related Cost Savings:	<u>\$ (26,779)</u>	Refuse Funds	Recurring	
Net Cost	<u>\$ 27,397</u>			
Property Tax Impact:	\$ 0.0044	0.05%		
Solid Waste User Fee Impact		0.50 %		
Activity: Snow and Ice Control/Yard Waste				

**8 of 17**

This improvement request would provide funds for a part-time secretary (GE-25A) (0.67 FTE) to assist with front office data entry and phone calls. There has been a dramatic increase in customer service phone calls resulting in data entry and the call volume is not anticipated to decline. This position will help with coverage issues during lunch, vacation, and sick periods of time. To maintain our service levels, we should expect our secretaries to handle 4 calls an hour. This includes all data entry and communication relay to crews. At this rate, our current 2.0 FTEs can cover 64 calls a day. The increase in phone calls average 125 calls a day, and including 15% for citizens who call multiple times, leaving an average of 50 distinct calls unanswered per day. This estimation does not include vacation, sick, or casual days used. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery.

Month	Work Days	Inbound	Missed	Answer Rate
Jan-21	21	1,120	243	78.30%
Feb-21	20	1,190	237	80.08%
Mar-21	23	2,039	723	64.54%
Apr-21	22	2,515	983	60.91%
May-21	21	2,001	763	61.87%
Jun-21	22	2,564	1,078	57.96%
Jul-21	22	2,645	984	62.80%

Related Cost:	\$ 4,500	Tax Funds	Non-Recurring	<b>Recommend - Yes</b>
Related Cost:	\$ 30,713	Tax Funds	Recurring	
Net Cost:	<u>\$ 35,213</u>			
Property Tax Impact:	\$ 0.0139	0.14%		

Activity: Administration

#### 9 of 17

This improvement request provides funds for a safety training simulator for all snow and ice control employees and solid waste employees prior to winter operations. The simulation would be setup similarly to the trucks the operators currently utilize during the winter season and is immersive. It allows many variables to be thrown at drivers such as ice, wind, heavy snow, white-out conditions, civilians, various terrains, and street widths. Snowplow drivers must operate \$200,000 units of equipment in blinding snowstorms and demanding traffic conditions. Yet traditional training for new drivers, with limited funding and staff, may be only two or three storm shifts with a partner-trainer. For this level of responsibility, training needs to be enhanced, to improve driver safety and reduce risk. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery

Related Cost:	\$ 30,600	Road Use Tax	Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	\$ 0.012	0.12%		

Activity: Snow and Ice Control

#### 10 of 17

This improvement request is for funds to support the efforts of the Public Works Department to achieve the level of accredited agency by the American Public Works Association. Working under the guidelines established by the American Public Works Association self-assessment process, the department would identify written process for growth and improvement, while developing written standard operating procedures identified as crucial elements for Public Works Departments. This information is being developed as part of the succession planning process for the department. Public Works Department

anticipates submitting an application to begin the accreditation process in November 2022. Payment is due with the application submission. There is some pre-processing work that Public Works is currently undergoing to prepare for accreditation to include some pre-application meetings with American Public Works Association (APWA) accreditation office for the best approach. The purpose of the accreditation program is to provide a means of formally verifying and recognizing public works agencies for compliance with APWA recommended practices. With the employee turnover rate we have seen in the last two years, it is imperative we take necessary steps to ensure a smooth succession plan at all levels within Public Works. By documenting current practices, best practices, and building documentation updates into our operations ensures optimal procedures and safety related to operations. While it is a voluntary, self-motivated approach to objectively evaluate, verify and recognize compliance with the recommended management practices, it is necessary to the future of Public Works in Dubuque. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery.

Related Cost:	<u>\$ 23,000</u>	Tax Funds	Non-Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	<u>\$ 0.009</u>	0.09%		
Activity: Administration				

#### 11 of 17

This improvement request would provide funds to hire a solid waste consultant to assist with the development of a path to a zero waste plan for the solid waste activities. Since then, the State of Iowa is leading the way for a Sustainable Materials Management system which has a perspective of using and reusing materials more productively over their entire life cycle. By looking at materials in the perspective of material management, the hope is to find new opportunities to reduce environmental impacts, conserve resources and reduce cost. The Imagine Dubuque 2017 Comprehensive Plan and the Foth Engineering 2019 Performance Analysis of Solid Waste Operations Study identified citizen interest in a "Path Towards Zero Waste" plan with measurable targets, timeline, and annual reporting. Funding this request would provide the department with additional resources to blend these processes into one. This request supports the City Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery.

Related Cost:	<u>\$ 25,000</u>	Solid Waste Funds	Recurring	<b>Recommend - Yes</b>
Solid Waste User Fee Impact	<u>0.77</u>	%		
Activity: Recycling Collection				

#### 12 of 17

This improvement request would provide funds for the purchase of additional trash tipper carts to meet the growing request of customers. An increased focus are customers who subscribed to a basic 34/35-gallon container plus an extra 34/35-gallon can or a 50-gallon can and/or an extra 50-gallon container to discard their waste. Currently there are over seven hundred (700) customers who set out a larger container and/or multiple containers weekly to manage their waste. Customers will generally pay more for the waste they throw away. Our City crews are responsible for manually lifting and managing the waste that are set out weekly. In FY2021.

In FY2022 Public Works purchased a total of one thousand, four hundred and four (1,404) trash tipper carts. Starting October of 2021, a waitlist for 34-gallon carts began for the remainder of FY2022. By November of 2021, a waitlist for 48-gallon and 94-gallon carts had begun, as well. In response to the need, a truck replacement was delayed and bought an additional one thousand, one hundred twenty-five (1,125) trash carts. FY2023 Public Works is requesting additional funds to start buying two thousand, seven hundred (2,700) trash carts to keep up with demand.

This request IS NOT an effort to give all citizens a tipper cart but to have an adequate supply of carts available to all customers who wish to use city provided carts, improving employee safety, and enhancing collection efficiency.

The Corrective Action Plan: The goal would be to eliminate the extra "trash" services that the City offers and move customers towards a tipper cart of their choice. This decision package will reduce the need for repetitive manual lifting of solid waste containers and/or heavy bags. Instead, with there being more tipper carts, containers will be collected either semi-automated or fully automated. Tipper carts improve neighborhood aesthetics through reduced litter typically associated with torn garbage bags. Customers who use multiple containers will have the option to subscribe to their cart of choice. Currently the City has four (4) tipper cart options to choose from a 34-gallon tipper cart, a 48-gallon tipper cart, a 64-gallon tipper cart and a 94-gallon tipper cart. The tipper carts are owned and maintained by the City. Estimated life of the carts is fifteen (15) years. Funding this request will support the City Council's goals of Financially Responsible, High Performance Government City Organization: Customer-focused City service delivery.

Related Cost:	<u>\$ 80,000</u>	Refuse Funds	Recurring	<b>Recommend - No</b>
Solid Waste User Fee Impact	2.48 %			
Activity: Refuse Collection				

### 13 of 17

This decision package is requesting funds to begin to phase-in the use of mandatory use of trash carts over a two-year period. this package would approve the purchase of 15,000 trash carts. This proposal also supports the use of Automated Side Loaders for the emptying of these trash carts where possible. Carts would be purchased in FY 23 (10,000) and FY 24 (5,000) and distributed throughout the community. In the first year we would also eliminate service to customers who subscribed to a basic 34/35-gallon container plus an extra 34/35-gallon can or a 50-gallon can and/or an extra 50-gallon container to discard their waste by providing them carts of their choice. Currently there are over seven hundred (700) customers who set out a larger container and/or multiple containers weekly to manage their waste. This request is an effort to improving employee safety and to enhance collection efficiency. Under this proposal the City will continue to offer four (4) tipper cart options. The 34-gallon option will be the base fee option with the 48-gallon, 64, and 96-gallon options as other customer choices. Additional fee subscriptions will be placed on the larger carts to support the "pay as you throw" principle. Current rules related to mandatory alley carts will remain the same. All carts will be owned and maintained by the City. Extra trash sticker will still be available for customers to put out additional trash when the need arises. If this proposal is chosen, Improvement Request number fourteen (14) is not necessary and would be withdrawn.

Funding this request will support the City Council's goals of Financially Responsible, High Performance Government City Organization: Customer-focused City service delivery.

Related Cost:	\$ 291,349	ARPA Funds	Recurring	<b>Recommend - Yes</b>
Related Cost:	\$ 291,349	ARPA Funds	Non-Recurring	
Net Cost:	<u>\$ 582,698</u>			
Activity: Refuse Collection				

### 14 of 17

This improvement request would increase funding to purchase additional recycling tipper carts to meet the demand of customers who prefer a more convenient way to manage their recycling. Prior fiscal year 2017, customers only option to manage their recycling was to manually lift an 18-gallon bin (s) from their home to the curbside and/or alley line. To make recycling more convenient for customers, City Council approved a recycling tipper cart on wheels program. Since the program has been in place, a total of 2,285 recycling tipper carts are in use by customers to better manage their recycling. With additional recycling carts going

out to customers each year, there has been an increase in request from other customers who too want a larger container to manage their recycling. This has resulted in many customers being placed on a waiting list because of low inventory. To reduce the number of customers who have to be on a waiting list staff would like to purchase additional carts to have on stock. Having more carts will also support the City efforts to reduce staff need to manually lift items into their trucks. The estimated life of the carts is fifteen (15) years. Funding this request will support the City Council's goals of Financially Responsible, High Performance Government City Organization: Customer-focused City service delivery.

Related Cost:	<u>\$ 11,000</u>	Refuse Funds	Recurring	<b>Recommend - No</b>
Solid Waste User Fee Impact	0.34 %			
Activity: Recycling Collection				

#### 15 of 17

This improvement request would provide funds for the purchase of additional traffic control signs to meet the requirement of the Federal Manual of Uniform Traffic Control Devices (MUTCD). The MUTCD requires different sized advanced warning signs based on speed limits in the work zone. The purchase of these required signs would lessen the need to rely on a private traffic control company to set up these work zones. Purchase of these signs would provide the Public Work staff with the legal sized signs to set up traffic control in higher speed work zones throughout the City.

Related Cost:	<u>\$ 4,125</u>	Road Use	Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	\$ 0.0016	0.02%		
Activity: Street Maintenance				

#### 16 of 17

This improvement request would provide for 4 sets of portable vehicle barriers at a length of 16 ft each to be utilized primarily for the annual July 3rd event. Each year, Dubuque holds several large events that draw many people, such as the Annual Fireworks, Farmer's Market, and Main St. events. Attendees' safety has been a priority at these events. One of the issues and trends that the police department has been watching is where a vehicle drives through a crowd causing many casualties. There are several options for attempting to mitigate or minimize this from happening: The use of large dump truck type vehicles to block roadways, etc. The trucks are moveable, thus allowing in and out access as needed, however this option requires someone to stay with the vehicle. The use of concrete, "Jersey barriers" which are very effective at stopping vehicles, however, they are not portable and require special equipment to move. Another option is the use of portable vehicle barriers. Portable vehicle barriers, require only one person to install or dismantle. They are easy to carry and are modular, meaning we can attach as many together as possible. While it is not feasible to cover all roads with barriers, a common scenario would be shutting four lanes. The cost of enough portable vehicle barriers to cover this scenario is approximately \$120,000. This request supports the City Council goal of Vibrant Community: Healthy and Safe.

Related Cost:	<u>\$ 120,000</u>	Tax Funds	Non-Recurring	<b>Recommend - Yes</b>
Property Tax Impact:	\$ 0.0472	0.50%		
Activity: Staff Services				

#### 17 of 17

This improvement package provides additional funds to increase the annual 5-mile asphalt program to 10 miles in FY 2023. Due to the age of our streets system, we have a need to continually invest in our pavements before they fall into "poor" condition category. Once that happens major rehabilitation or reconstruction is needed, and maintenance projects are no longer cost effective. Since 1993 the Public Works department has completed over 331 miles of asphalt overlays on asphalt paved streets. These

maintenance projects last an average of 10 years depending on various factors including the sub-base design and traffic loads. This maintenance program, along with other maintenance techniques has brought our overall condition index (OCI) rating, for asphalt pavements, to 67.30 which is considered good when evaluating pavements. The funds requested would purchase an additional 7,000 tons of asphalt and 50 manhole ring and lids over what is already requested for in the maintenance level budget. this request supports the Council goal of Financially Responsible, High Performance City Organization, Equitable and Effective Service Delivery.

Related Cost:	\$ 392,980	Road Use Tax	Non-Recurring	<b>Recommend - Yes</b>
Related Cost:	\$ 20,000	Sanitary Sewer Fund	Non-Recurring	
Net Cost:	<u>\$ 412,980</u>			
Property Tax Impact:	\$ 0.1625	1.73%		
Activity: Street Maintenance/Sanitary Sewer Maintenance				

## **Landfill**

### **1 of 6**

This improvement request eliminates one seasonal Equipment Operator (GD-29F) (-0.75 FTE) and provides funds to create one additional full-time Landfill Equipment Operator (GD-8A) (+1.0 FTE) to support operations in the Agency's Regional Collection Center (RCC). In FY2021, the Agency commissioned Foth Environmental to conduct an staffing study for the Agency's operations. The study recommended that to support operations of the Agency's RCC, where electronics recycling and household hazardous materials are processed for shipping, an additional staff member was needed to provide coverage for operating hours and volumes. This staff person would split their time between HHM and Electronics, activities 50/50 for the equivalent of 1.0 FTE. For multiple years the landfill has struggled to find qualified candidate to fill the seasonal position.

Related Cost:	\$ 78,337	Landfill Fund	Recurring	<b>Recommend - Yes</b>
Related Savings:	\$ (29,841)	Landfill Fund	Recurring	
Net Cost:	<u>\$ 48,496</u>			
Activity: Landfill				

### **2 of 6**

This improvement request is for the DMASWA Agency Administrator, Landfill Supervisor and Foreperson to attend training to become certified in compost operations. This request supports the Agency's Compost Operations Plan, which includes having the Agency Administrator, Landfill Supervisor and Landfill Foreperson be certified in compost operations. The United State Composting Council offers trainings throughout the year at various locations in the United States.

Related Cost:	\$ 9,300	Landfill Fund	Non-Recurring	<b>Recommend - Yes</b>
Related Cost:	\$ 300	Landfill Fund	Recurring	
Total Cost:	<u>\$ 9,600</u>			
Activity: Landfill				

### **3 of 6**

This improvement request is for additional funding for the purchase of a sweeper attachment for the current landfill wheel loader. The sweeper attachment for the wheel loader will allow landfill staff to properly maintain both internal hard surface roads and Airborne Road by removing mud, nails and other material which tracks out form the cell site. Removing this debris in a timely manner improves the safety of the road, reduces the possibility of debris entering the storm sewer system along Airborne Road and enhances the appearance of the landfill entryway and adjoining properties.

Related Cost:	<u>\$ 17,200</u>	Landfill Fund	Non-Recurring	<b>Recommend - Yes</b>
Activity:	Landfill			

#### 4 of 6

This improvement request is for the replacement of the existing plow blade for the wheel loader which is used of snow removal operations. The current unit was provided by Public Works department and has reached the end of its service life. The replacement unit is necessary to properly maintain internal roads and the entrance area during snow events.

Related Cost:	<u>\$ 22,450</u>	Landfill Fund	Non-Recurring	<b>Recommend - Yes</b>
Activity:	Landfill			

#### 5 of 6

This improvement request is for the purchase of a pallet wrapper. The Regional Collection Center (RCC) ships both electronics and hazardous materials. Most outbound shipments require the items to be palletized and shrink wrapped to ensure safe transportation. Currently staff must hand wrap all pallets and the quality of the wrapping varies from pallet to pallet. A pallet wrapper would ensure a consistent wrap quality while improving safety for staff when loading the pallets onto shipping vehicles.

Related Cost:	<u>\$ 10,000</u>	Landfill Fund	Non-Recurring	<b>Recommend - Yes</b>
Activity:	Landfill			

#### 6 of 6

This improvement request is for the purchase of a hydro-seeder to be used to reduce erosion and reduce leachate production at the landfill by seeding bare soil areas in the active cell more frequently. Reducing run off, reduces side slope erosion in the active landfill cells, which in turn reduces side slope repair costs. Seeding areas of the cell which will not be used during the current season will help reduce leachate infiltration, reducing leachate volumes and treatment costs.

Related Cost:	<u>\$ 19,897</u>	Landfill Fund	Non-Recurring	<b>Recommend - Yes</b>
Activity:	Landfill			

### **Significant Line Items**

#### **Employee Expense**

1. FY 2023 employee expense reflects a 3.25% wage package increase.
2. The Iowa Public Employee Retirement System (IPERS) City contribution of 9.44% is unchanged from FY 2022 The employee contribution of 6.29% is unchanged from FY 2022.
3. The City portion of health insurance expense is increased from \$1,086 in FY 2022 to \$1,119 in FY 2023 per month per contract which results in an annual cost increase of \$64,799 or 3.00%.
4. Workers' Compensation increased from \$314,921 in FY 2022 to \$343,118 in FY 2023. FY 2021 actual was \$357,575.
5. Overtime is unchanged from \$324,391 in FY 2022 to \$324,391 in FY 2023. FY 2021 actual was \$325,737.
6. Five-Year Retiree Sick leave payout increased from \$25,741 in FY 2022 to \$27,972 in FY 2023.

7. 50% Sick Leave Payout increased from \$5,441 in FY 2022 to \$5,711 in FY 2023. FY 2021 Actual was \$5,710. 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.
8. The Fiscal Year 2023 budget includes the following change in the funding allocation of positions:
  - a. -0.73 FTE Equipment Operator II (GD-08) from Road Use Tax Fund (-\$61,735)
  - b. +0.73 FTE Equipment Operator II (GD-08) to General Fund (+\$61,735)
  - c. -0.78 FTE Utility Worker (GD-05) from General Fund (-\$62,455)
  - d. +0.78 FTE Equipment Operator I (GD-06) to Road Use Tax (+\$63,610)
  - e. -0.05 FTE Utility Worker (GD-05) from Road Use Tax (-\$4,003)
  - f. +0.05 FTE Equipment Operator I (GD-06) to General Fund (+\$4,078)
9. During Fiscal Year 2022, the following personnel changes were approved:
  - a. 1 FTE Account Clerk II position (NA-50) was changed to Lead Administrative Assistant (GE-28) which resulted in a cost increase of \$2,394.
  - b. 1 FTE Stock Clerk position (GD-03) was changed to Fleet Maintenance Inventory/Accounting Clerk (GE-27) which resulted in no cost increase.
  - c. 4 FTE Truck Driver positions (GD-05) were changed to Utility Worker (GD-05) which resulted in no cost increase.
  - d. 1 FTE Sanitation Laborer position (GD-04) was changed to Sanitation Driver (GD-06) which resulted in a cost increase of \$2,479.
  - e. Seasonal Laborer (GD-21F) hourly rate was increased from \$12.24 to \$15.81 and the increased cost was offset by reducing Seasonal Laborer FTEs by 0.43 as follows:
    - i. General Fund Seasonal Laborer -0.34FTE (-\$13,765)
    - ii. Road Use Tax Seasonal Laborer -0.09 FTE (-\$3,644)

## **Supplies & Services**

10. General Liability Insurance increased from \$138,235 in FY 2022 to \$170,483 in FY 2023 based on FY 2022 actual plus 12%.
11. Property Insurance increased from \$91,712 in FY 2022 to \$119,642 in FY 2023 based on FY 2022 actual plus 9.5% and the Landfill pollution policy renewal occurring every three years (FY23). Floodwall Operations increased \$4,218, Street Maintenance decreased \$12,464 and Landfill increased \$35,628.
12. Repair Parts and Supplies decreased from \$169,542 in FY 2022 to \$105,186 in FY 2023 based on FY 2021 actual of \$66,995. Street Maintenance decreased \$3,439 based on FY 2021 actual. Sanitary Sewer Maintenance decreased \$11,077 based on FY 2021 actual. Landfill decreased \$29,484 based on FY 2021 actual. Rural Recycling decreased \$46,700.
13. Electric Utility Expense decreased from \$186,865 in FY 2022 to \$164,163 in FY 2023. FY 2021 actual was \$131,831. Floodwall increased from \$51,800 in FY 2022 to \$57,446 in FY 2023 based on a three year average plus 5%. Street Maintenance decreased from \$71,017 in FY 2022 to \$54,245 in FY 2023 based on FY 2020 actual plus 5%.
14. Street Lighting decreased from \$869,300 in FY 2022 to \$791,142 in FY 2023 based on FY 2020 actual of \$773,829 plus 2.24%. The street lighting budget is split \$30,921 general fund and \$760,221 Road Use Tax fund in FY 2023.



15. Property Maintenance decreased from \$201,851 in FY 2022 to \$174,284 in FY 2023 based on FY 2021 actual of \$219,371. Street Maintenance decreased \$31,696 based on FY 2021 actual. Landfill increased \$25,332 based on FY 2021 actual.
16. Motor Vehicle Fuel increased from \$239,633 in FY 2022 to \$259,316 in FY 2023 based on FY 2022 budget plus 10%. FY 2021 actual was \$264,338.
17. Motor Vehicle Maintenance increased from \$389,481 in FY 2022 to \$418,525 in FY 2023 based on FY 2021 actual of \$412,991 plus 1%. Street Maintenance increased \$21,817 based on FY 2021 actual plus 1%. Refuse increased \$18,587 based on FY 2021 actual plus 1%. Recycling increased \$19,230 based on FY 2021 actual plus 1%. Sanitary Sewer Maintenance decreased \$12,031 based on FY 2021 actual plus 1%.
18. Motor Vehicle Maintenance Outsourced is unchanged from \$111,485 in FY 2022 to \$111,485 in FY 2023 based on FY 2022 budget .FY 2021 actual was \$120,486.
19. Machinery and Equipment Maintenance increased from \$649,625 in FY 2022 to \$747,935 in FY 2023 based on FY 2021 actual of \$736,320. Snow and Ice Control increased \$92,950 based on FY 2021 actual. Garage increased \$22,959 based on FY 2021 actual. Landfill decreased \$28,657 based on FY 2021 actual.
20. Machinery and Equipment Maintenance Outsourced decreased from \$103,378 in FY 2022 to \$88,787 in FY 2023. FY 2021 actual was \$108,176. Landfill decreased \$7,270 based on FY 2021 actual. Snow and Ice Control decreased \$4,415 based on FY 2021 actual. Stormwater Maintenance decreased \$3,698 based on FY 2021 actual.
21. Asphalt increased from \$721,232 in FY 2022 to \$1,121,726 in FY 2023 based on purchasing 13,000 tons of hot mix asphalt, purchasing 100 tons of cold mix asphalt, completing ten center line street miles, and a 6% increase over FY 2022 current bid rate. FY 2021 actual was \$791,267.
22. Concrete decreased from \$160,624 in FY 2022 to \$153,578 in FY 2023 based on buying 1,500 cubic yards of concrete and k-crete and based on three year average of historical prices. FY 2021 actual was \$141,120.
23. Stone decreased from \$108,533 in FY 2022 to \$80,735 in FY 2023 based on FY 2021 actual \$80,736. This line item represents the purchase of 2,700 tons of stone for street maintenance (\$34,557), stone for repairing sanitary sewer and storm sewer street excavations (\$703), and stone for resurfacing Landfill gravel roads and cell face access lanes (\$45,447).
24. Road Salt for Snow and Ice Control increased from \$339,103 in FY 2022 to \$384,750 in FY 2023. Road Salt increased \$45,647 based on the purchase of 5,700 tons of road salt at \$64.50 per ton (In FY 2022 budget is based on the purchase of 5,731 tons at \$59.17 per ton). In FY 2022, the tons of road salt purchased was increased 4% due to the increase in lane miles for the addition of the Northwest Arterial, Central Avenue - Aquin and the new Dubuque County agreement.
25. Road Salt for Bid Partners increased from \$88,755 in FY 2022 to \$96,750 in FY 2023. Bid partner salt increased \$7,995 based on the purchase of 1,500 tons at \$64.50 per ton (In FY 2022 the budget is based on the purchase of 1,500 tons at \$59.17 per ton) which is off-set from the revenue of salt purchased by bid partners.
26. Consulting Engineers increased from \$217,808 in FY 2022 to \$292,650 in FY 2023. FY 2021 actual was \$417,033. The majority of this line item is for the engineering consulting firm contracted

by the Landfill to complete bi-annual IDNR engineer's reports, hydrological monitoring reports, and air permit reports and the management of the landfill gas collection system.

27. Landfill Fees increased from \$577,106 in FY 2022 to \$583,887 in FY 2023. FY 2021 actual was \$592,096. Solid Waste Collection increased \$9,429 based on FY 2021 actual tons collected of 12,912 at the estimated FY 2023 fee per ton of 36.03 (no change).
28. Payment to Iowa DNR is unchanged from \$304,500 in FY 2022 to \$304,500 in FY 2023. FY 2021 actual was \$315,982. This line item represents the amount paid by the Landfill based on tonnage. FY 2023 is based on 145,000 tons at \$2.10 per ton and FY 2022 was based on 145,000 tons at \$2.10 per ton.
29. Pay to Other Agency is decreased from \$470,717 in FY 2022 to \$414,370 in FY 2023. FY 2021 actual was \$268,363. This line item includes Landfill leachate treatment and disposal costs of \$100,000 due to an agreement with the City to pay fees for leachate disposal into the sanitary sewer system. This line item also includes the processing and marketing of recyclable materials of \$36,908 based on FY 2021 actual, Landfill quarterly tonnage payments to Delaware county \$15,985, Landfill collection and disposal of household, farm and small business chemicals, fluorescent light bulbs, paint and medical sharps \$80,737, E-waste contractor for \$77,200 based on FY 2022 budget, Rural Recycling transportation and processing of 14 recyclables drop off sites \$103,540.
30. The administrative overhead recharge increased from \$1,659,457 in FY 2022 to \$1,783,326 in FY 2023.
31. Software increased from \$83,024 in FY 2022 to \$110,969 in FY 2023. FY 2021 actual was \$111,453. Street Maintenance increased \$8,863 based on the current agreement with Cartegraph for the asset management software. Large Item Collection increased \$9,781 due to the addition of the scheduling module to the ReCollect software in FY 2022. DMASWA Education increased \$5,068 due to the addition of CivicPlus website host and maintenance fees.
32. Hauling Services is unchanged from \$53,027 in FY 2022 to \$53,027 in FY 2023. FY 2021 actual was \$38,471. This line item represents snow removal in downtown streets and alleys (\$50,000) and a private contractor to haul stone from area quarries for the Landfill (\$3,027).

## **Machinery & Equipment**

33. Equipment replacement items (\$1,096,781) includes:

<b>Public Works Equipment Replacements</b>	
<b>Riverfront Management</b>	
Shop Equipment	\$ 750
Weed Whips	\$ 250
<b>Street and Traffic Lighting</b>	
Signal Controllers	\$ 16,100
Shop Equipment	\$ 2,500
<b>Street Signs and Markings</b>	
Shop Equipment	\$ 750
<b>Street Maintenance</b>	
Barricades/Signs	\$ 3,400

<b>Public Works Equipment Replacements</b>		
Audio/Visual Equipment	\$	1,000
Cracksealer	\$	56,000
Vibratory Tamper	\$	12,500
AVL/GPS	\$	17,000
Asphalt Roller	\$	40,000
Pavement Breaker	\$	2,000
Curb Forms	\$	2,000
Pavement Saw	\$	23,000
Air Compressor	\$	17,000
Berming Machine	\$	18,000
Generator	\$	1,500
<b><u>Street Cleaning</u></b>		
Leaf Blower	\$	600
AVL/GPS	\$	2,000
Self-Propelled Lawn Mower	\$	8,600
Weedwhip	\$	250
<b><u>Snow &amp; Ice Control</u></b>		
20" Snow Blower	\$	1,200
<b><u>Sanitary Sewer Maintenance</u></b>		
Root Cutter	\$	1,500
AVL/GPS	\$	3,500
Manhole Blower	\$	2,000
Gas monitor (1)	\$	1,500
Jet flusher hose (3)	\$	5,250
CCTV Printer (1)	\$	250
<b><u>Stormwater Maintenance</u></b>		
Hand Concrete Saw	\$	1,000
Earth Compactor	\$	11,000
<b><u>Refuse Collection</u></b>		
Refuse Collection Carts	\$	652,698
AVL/GIS Equipment	\$	9,000
<b><u>Recycling Collection Program</u></b>		
Recycling Bins/Lids (1,074)	\$	18,084
Recycling Wheeled Carts (337)	\$	30,160
<b><u>Yard Waste Collection Program</u></b>		
Yard Waste Wheeled Carts	\$	9,276
<b><u>Public Works Garage</u></b>		
Shop Equipment	\$	5,000

<b>Public Works Equipment Replacements</b>	
<b><u>Landfill</u></b>	
Shop Equipment	\$ 2,000
Card Reader	\$ 700
Gator Utility Vehicle	\$ 23,416
Replacement Tarp Assembly	\$ 59,547
<b>Recommended Improvement Requests</b>	<b>\$ 34,500</b>
<b>Total Equipment</b>	<b><u>\$ 1,096,781</u></b>

## Debt Service

Debt service reflects annual repayment to (\$753,013):

Amount	Debt Series	Source	Purpose	Final Payment	Call Date
\$ 39,415	G.O. Series 2017A	Road Use Tax	Equipment Replacement	2030	2025
\$ 31,276	G.O. Series 2021A	Sales Tax 30%	Curb Ramp Program	2034	2028
\$ 12,959	G.O. Series 2018A	Solid Waste Fees	Solid Waste Trucks	2030	2025
\$ 5,123	G.O. Series 2017A	Solid Waste Fees	Solid Waste Trucks	2031	2025
\$ 1,237	Planned G.O. 2022	Solid Waste Fees	Solid Waste Trucks		
\$ 2,544	G.O. Series 2018A	Sales Tax 20%	Radio Replacement	2028	2026
\$ 309,784	Dubuque County - G.O. Series 2014	Landfill Fees	Landfill Improvements	2034	2022
\$ 350,675	Dubuque County - G.O. Series 2016	Landfill Fees	Landfill Improvements	2036	2024
<u>\$ 753,013</u>	Total Public Works Annual Debt Service				

## Revenue

34. Solid Waste monthly base fees increased from FY22 Budget of \$3,397,934 to \$3,510,597 in FY 2023 which is a \$112,663 increase in revenue. This line item is based on FY 2019 actual of \$3,433,154 plus the FY 20 rate increase of 1.63%, less the FY21 rate decrease of 4.03%, plus the FY 22 rate increase of 2.60% and the FY 2023 recommended rate increase of 0%.
35. Tipper Carts and extra/oversize can subscriptions increased from \$825,457 in FY 2022 to \$1,070,488 in FY 2023 based on FY 2021 actual of \$924,934 and the addition of 2,000 additional cart services added by FY 2023.
36. Refuse Single Use Stickers increased from \$109,486 in FY 2022 to \$122,875 in FY 2023 based on FY 2021 actual of \$122,875.
37. Yard Waste Annual Sticker/Single Use/Brush Ties increased from \$125,601 in FY 2022 to \$131,459 in FY 2023 based on FY 2021 of \$131,459.
38. Purina Drive Salt Operations represent the purchase and sale of salt for the City's bid partners. The FY 2023 budget includes \$97,665 in salt sales, \$9,240 in salt handling fees, and \$6,000 in salt storage.
39. The Solid Waste Agency payment increased from \$4,700,138 in FY 2022 to \$6,170,419 in FY 2023. Departmental employees operate the landfill, yard waste, e-waste, recycling drop-off and

household hazardous regional collection center facilities owned by the Dubuque Metropolitan Area Solid Waste Agency (DMASWA). Department employees also provide education and communication support services. The department is compensated for all operating expenses incurred. Revenue estimates are based on anticipated tonnages and fee schedule for FY 2023.

40. Garage personnel maintain and repair vehicles and equipment of all city departments and divisions except Airport. Labor costs are assessed using actual time charged out to each department at projected FY 2023 overhead rate of \$74.36 which is unchanged from the FY 2022 overhead rate of \$74.36. Revenue is also received from recharges to users for parts and fuel purchased from the vehicle maintenance garage inventory.

The following is a summary of the operating expenses and revenues for the City Garage:

<b>City Garage</b>	<b>FY 2021 Actual</b>	<b>FY 2022 Budget</b>	<b>FY 2023 Requested</b>	<b>% Change From FY 2022 Budget</b>
<u>Expenses</u>				
Employee Expense	965,156	1,062,123	1,106,225	4.2 %
Supplies and Services	156,687	155,993	158,333	1.5 %
Garage Stores	715,158	831,859	966,045	16.1 %
Machinery and Equipment	5,181	30,500	5,000	(83.6)%
Total Expenses	1,842,182	2,080,475	2,235,603	7.5 %
<u>Resources</u>				
Specialized Services	1,168,278	1,224,924	1,168,278	(4.6)%
Fuel/Parts	736,442	741,491	736,442	(0.7)%
County Fuel Sales	22,218	57,788	22,218	(61.6)%
Reimbursements	31,092	58,172	30,329	(47.9)%
Total Resources	1,958,030	2,082,375	1,957,267	(6.0)%
Annual Operating Surplus (Deficit)	115,848	1,900	(278,336)	(280,236)
Garage Overhead Rate	\$ 74.36	\$ 74.36	\$ 74.36	

**TO:** Michael C. Van Milligen, City Manager  
**FROM:** John Klostermann, Public Works Director *JK*  
Arielle Swift, Assistant Public Works Director  
**SUBJECT:** Automated Side Loader and City-Wide Mandatory Cart Use FY23 Budget  
Proposal – Two-Year Plan  
**DATE:** **January 28, 2022**

### **Introduction**

The purpose of this memorandum is to provide information related to the Public Works Department Fiscal Year 2023 Budget Improvement Package and Capital Improvement Budget proposals for the implementation of automated side loader collection where possible and city-wide mandatory use of trash carts. This request is for trash carts only and does not include any change to the current recycling collection program.

### **Discussion**

#### Capital Improvement Projects

The FY 2023 Public Works budget currently has three projects related to the collection of solid waste trash providing for optional levels of service. One project is in the Capital Improvement Budget for the replacement of solid waste collection vehicles (CIP# 670-1533). Two versions have been developed for the replacement of current solid waste vehicles. One CIP has the project title of Solid Waste Collection Vehicles which provides for the annual replacement of solid waste vehicles with one automated side loader added to the fleet in FY 2025. The second optional solid waste fleet replacement is titled Solid Waste Collection Vehicles – with City- Provided Carts Community Wide. This CIP provides for the purchase of two automated side loaders in FY 23 and one in FY 25. This proposal adds the extra cost of adding the arm to two sideloader trucks already scheduled for replacement in FY 2023. The added cost of an automated sideloader scheduled to replace a current sideloader in FY 2025 was already built into the five year replacement schedule and approved in the FY 2020 Capital Improvement Budget.

#### Improvement Packages

The Public Works Operating Budget also has two Improvement Package Requests related to the purchase of additional city provided trash carts. One requests funds (\$80,000) for the purchase of additional trash carts to meet current customer demands. With this proposal the department will also be requesting an update to City Ordinance 13 Chapter 6 to require all new subdivisions, with City-provided utility services, to use city-owned trash carts if the city wide proposal is not funded.

The second request would require the city wide use of city provided trash carts, and provide funds (\$291,349) to issue 5,000 carts in FY 2023 and \$582,698 in FY 2024 for the purchase of an additional 10,000 carts. Approval of the improvement package to purchase 5,000 carts in FY 23 and FY 24 would eliminate the need for the other funding request of \$80,000.

In FY 2023, personnel full time equivalent (FTE) will remain the same at 20.75.

**Improving the Customer Experience**

The mandatory cart program will use a 34-gallon cart as the base cart offered to all customers. Customers city-wide will also have the option to subscribe at an increased monthly cost, a 48-gallon, 64-gallon, or 96-gallon cart to meet their individual need. This system strengthens the current "pay as you throw concept" while maximizing the weight limits allowed.

The chart below is based on no rate increase in Fiscal Year 2023:

Service	Fee	Additional Comments
Base Fee (35-gal)	\$15.38	No cart provided. Subject to base fee % increase
34-Gallon	\$15.38	City-owned cart provided. Subject to base fee % increase
48-Gallon	\$17.22	No fee increase
64-Gallon	\$20.65	No fee increase
94-Gallon	\$29.00	No fee increase
48-Gallon (alley)	\$15.38	Subject to base fee % increase
64-Gallon (alley)	\$16.65	Subject to base fee % increase
94-Gallon (alley)	\$24.78	Subject to base fee % increase

In the first year of the city-wide mandatory cart program, the current option for additional 35 gallon containers and oversized containers would end. Customers will instead be provided carts of their choice at the subscription cart fee rate associated. This recommendation is made to protect our workforce from having to reach in and remove bags from over-sized cans and eliminates the need for repetitive lifting of multiple containers at one stop. This change will effect the following customers;

- Additional 35 gallon container option - 133 customers
- Oversize container option – 386 customers
- Additional Oversize container option – 18 customers

The new city-wide cart system will provide a new special collection service for the frail and disabled residents who may not be able to handle the 34-gallon cart. Exceptions will also be made for residents where the use of a cart creates a hardship due to terrain. It is also important to remember that for every 10 lbs. picked up (loose trash bag) puts 1,250 lbs. of pressure on the lower back which is alleviated by wheeled trash carts.

Customers will still be able to buy stickers for \$1.50 which provides them the ability to put out extra trash when that need arises, and the large item collection service will still be available at an extra cost on an individual request.

#### *Caring for Employee Safety*

The collection of refuse and recycling materials is consistently ranked in the top ten of most dangerous jobs in the country based on Bureau of Labor statistics. This is due in part to the time the workers spend each day driving or riding on the truck, in all weather conditions, which increases the risk of transportation related accidents. Also, the employees must now exit and enter the vehicle just under 600 times a day, almost 3,000 times a week, and over 150,000 times a year. This creates significant wear and tear on their legs, ankles and feet and creates severe slip and fall opportunities in icy and snowy weather.

#### *Lessons Learned from the Pandemic*

We learned during the pandemic that our lifestyle changes including working from home, school closings and social distancing also influenced our solid waste collection system. While there were always concerns by staff about the manual collection of trash due to bed bugs and flees, covid-19 brought that concern to a new level. However, one thing that put the most pressure on our antiquated collection system is the increase of trash that needed to be collected by our staff due to our lifestyle changes. Solid waste collection tonnage increased 14.70% when compared 2019 tonnage (11,622.19) and 2021 tonnage (13,331.39). While the increased tonnage is starting to trend down, there is no better time to prepare for the next natural disaster by improving our collection system.

The Public Works Department statistics show that over three years (2017-19) 46.3% of the forty-one (41) department wide City of Dubuque OSHA reportable injuries were related to the collection of solid waste. During that same time period, the total lost workdays related to injuries to solid waste crew members for the City of Dubuque were 43 and the related medical cost was \$36,842. While most injuries require a short recovery time other injuries are considered permanent and worker's compensation settlements are made for an injury occurring on the job. **Between 2006 and 2017, the top ten department employee claims related to the collection of solid waste were settled at a total cost of \$1,287,710.**

**More importantly, these employees lost 1,725 workdays away from work.** This not only caused hardship and stress for these employees but placed additional workloads on the remaining city staff.



The following reasons are being provided to support the revised project.

- **Reduce Worker Compensation Claims**- The top 10 City of Dubuque injuries for solid waste collection employees between 2006 and 2017 equaled \$1,287,710.
- **Reduce Lost Workdays** - The top 10 worker's compensation claims for solid waste collection employees between 2006 and 2017 had 1,725 lost workdays from injuries.
- **Reduce Employee Concerns** - While the pandemic has highlighted employee concerns about touching the trash, there has always been employee concerns about being exposed to bed bugs and fleas.
- **Discounted Rate** - Low-income residents will continue to qualify for a 50% discount on their monthly rate. Discounts are now being subsidized by the General Fund in the same way currently being done with stormwater fees.
- **Option Out** - There will be customer exceptions made in the community where this will not be implemented because of terrain. Also, exceptions will be made for the frail and disabled who would struggle with a cart.
- **Environmental/Aesthetics** – Since 2008 trash carts have been used in targeted areas with success to reduce litter, improve aesthetics on collection day and help to keep neighborhoods clean.
- **Customer Convenience** - The city will own and maintain the carts.
- **Future Growth** – The automated side loaders will create the ability to absorb some future growth without adding employees and equipment.
- **Existing Work Force** - This recommendation will preserve existing city jobs and will not privatize the system.

#### Current Cart Program

Since 2008 the public works department has implemented trash carts into its collection program. At the start of the program the size of the carts available were limited to 48 gallon (in alleys only), 64 and 96 gallon city wide. In July of 2021, 34 gallon and 48 gallon cart services became available city wide. Carts were being serviced by using a semi-automated lifting system mounted on each truck. In the fall of 2021 the department received its first automated side loader and placed it into service on routes that have the greatest number of carts. The truck is being used successfully throughout the city in all weather conditions and collection locations including alleys.

The chart below provides an overview of the current breakdown of the cart sizes being used in our voluntary program.

Cart Size	Total Carts in Service
34 GAL (base)	466
48 GAL	1264
64 GAL	2770
94 GAL	710
96 GAL (recycling)	74
<b>Total</b>	<b>5,284</b>

Due to cart shortages there is currently 151 customers waiting for 34 gallon and 38 customers waiting for 48 gallon carts. Carts are on order and expected to be delivered by the spring of 2022.

When comparing our collection system to the top ten most populated cities in Iowa, we are one of the few that don't exclusively use carts in their program. The last time this proposal was presented to the City Council there were concerns expressed that the proposed system had not been piloted in Dubuque. Since then we have implemented additional carts and automated collection that has proven this type of system will work in Dubuque. Our current experience with carts and automated side loader collection provides us the data to implement operational efficiencies and move this project forward city wide.

#### Investments Now Creates Long Term Savings

The city has averaged about 100 new residential units each year over an extended timeline. This budget assumes that will continue over the next several years. The implementation of automated side loaders where possible throughout the city will provide a safe work environment for our employees and allow the department to plan for future growth related to the Southwest Arterial and other areas delaying the need to add staff.

#### Revenue

While rate increases have not yet been determined and any rate increase is related to the totality of the system and not just the impact of carts, the below chart assumes no rate increase in FY 23 and then a 3% rate increase in FY 24 and beyond. Estimates are based on 57% of the carts distributed are 34 gallon, 24% are 48 gallon, 16% are 64 gallon and 4% are 94 gallon carts. Of the new carts being distributed, 44% of the new carts are anticipated to bring in an additional \$365,747 over a 5 year period.

Two year plan for cart delivery – revenue estimate by year.

FY23	FY24	FY25	FY26	FY27	Total
\$125,905	\$209,889	\$12,666	\$12,736	\$12,809	\$374,004

### Expenses

Carts would be distributed over two years, 5,000 carts distributed in FY 2023 and 10,000 carts distributed in FY 24. FY 2025 - 27 provides operating funds to meet additional demand for new accounts and maintenance of existing carts.

FY23	FY24	FY25	FY26	FY27	Total
\$ 291,349	\$ 582,698	\$ 30,000	\$ 30,000	\$ 30,000	\$ 964,047

Additional truck-related expenses by Fiscal Year related to the purchase of Automated Side Loaders (ASL)  
(see CIP for additional information)

	FY23	FY24	FY25	FY26	FY 27	Total
<b>Total Fleet Replacement Cost</b>	\$542,454	\$462,454	\$463,004	\$343,703	\$355,732	<b>\$2,167,347</b>
<b>Additional Cost</b>	\$95,339 <sup>(1)</sup>		\$50,731 <sup>(2)</sup>			<b>\$146,070</b>

(1) Additional cost related to the purchase of 2 ASL

(2) Additional cost related to the purchase of 1 AS

### **Financing Implementation**

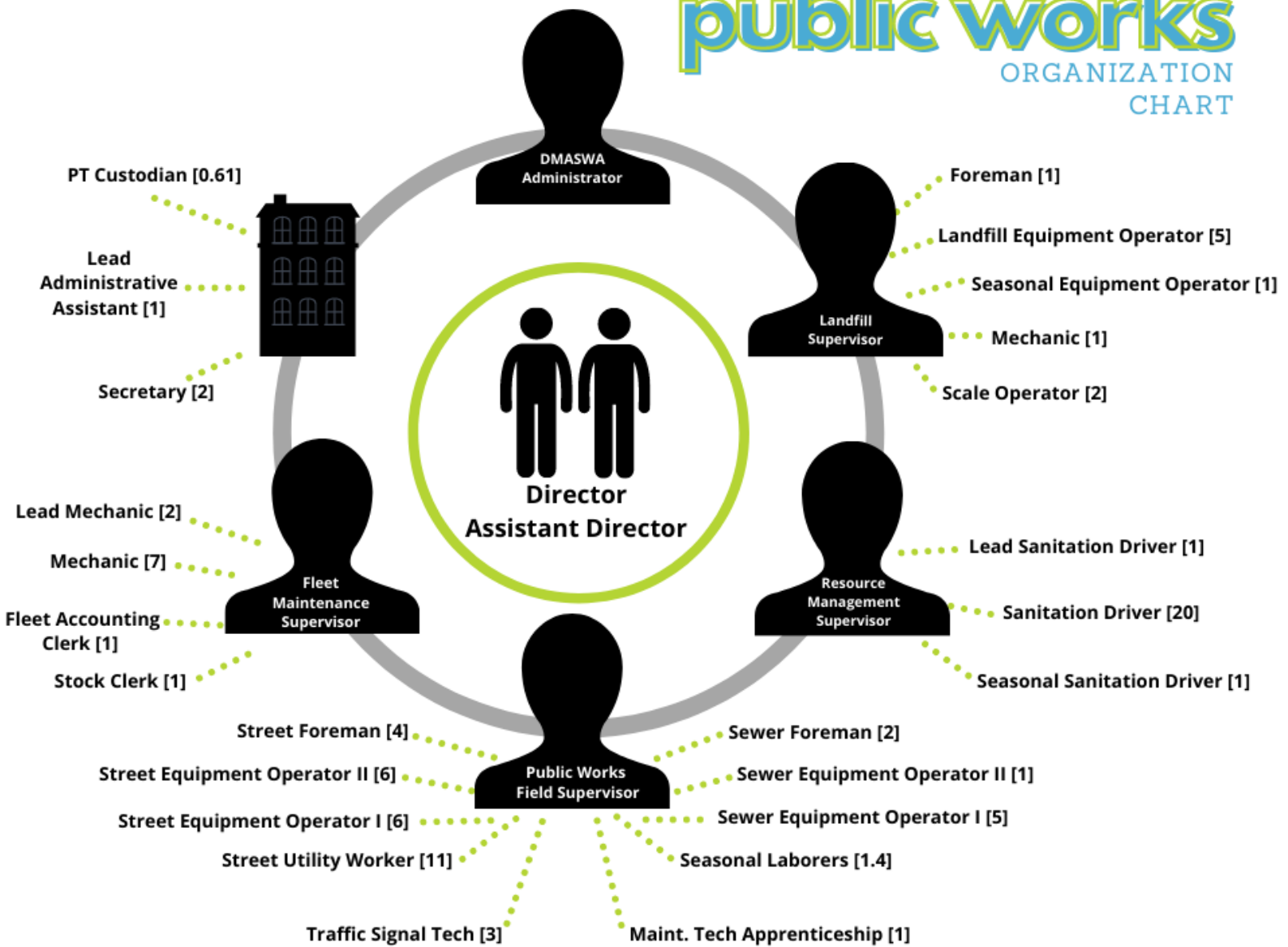
The \$1,020,117 implementation costs of this new program will be funded with American Rescue Plan (ARPA) funds.

### **Action Step**

This has been provided as informational only, for the review of the optional Public Works Department FY23 Solid Waste fleet replacement Capital Improvement Project and Improvement Package requests which support automated collection and mandatory city-wide trash cart use.

# public works

## ORGANIZATION CHART

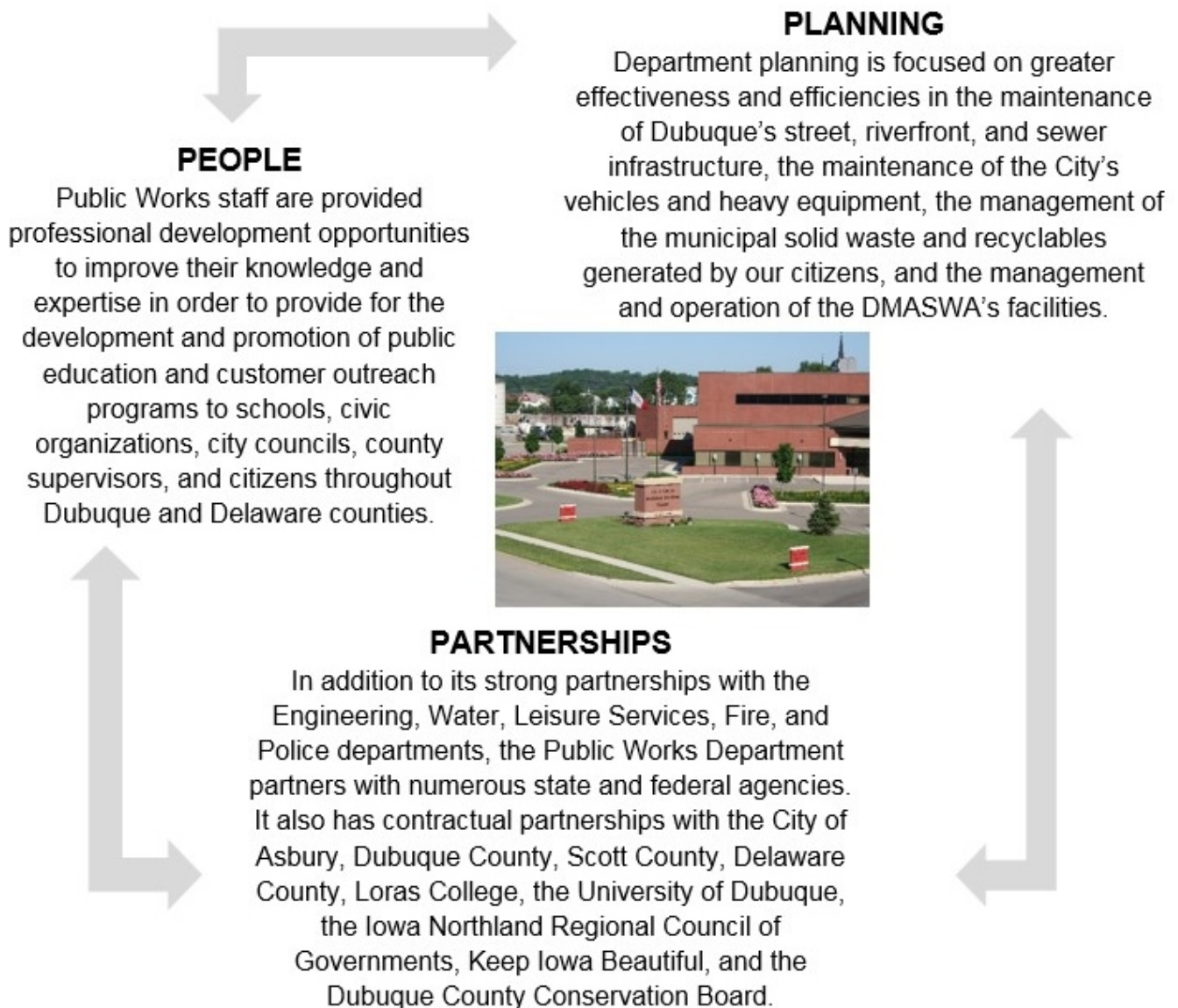


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# PUBLIC WORKS

Public Works takes pride in leveraging necessary resources to maintain the heart of Dubuque by steadfast, equitable delivery of organization- and community-wide services while maintaining reliable infrastructure to cultivate a vibrant, connected community. The beat of Dubuque is maintained through preservation, construction, rehabilitation, daily operations, and the 24/7 emergency response Public Works' staff provides.

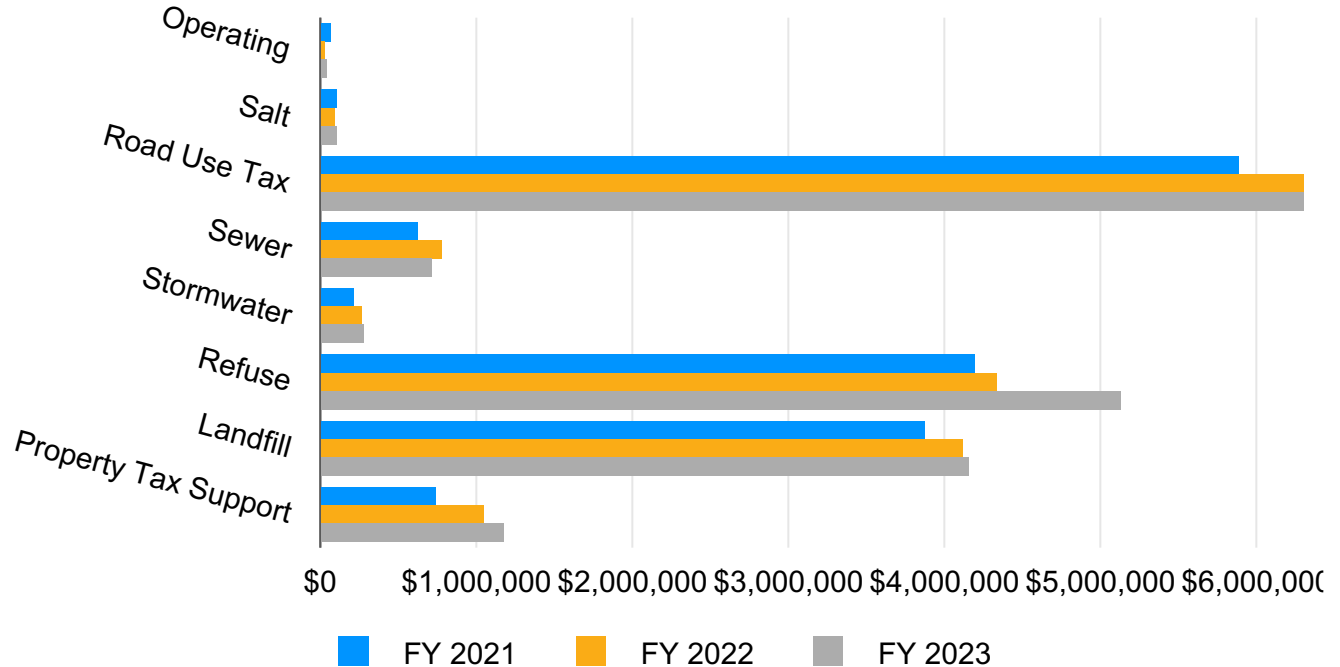
## SUCCESS IS ABOUT PLANNING, PARTNERSHIPS AND PEOPLE LEADING TO OUTCOMES



# PUBLIC WORKS

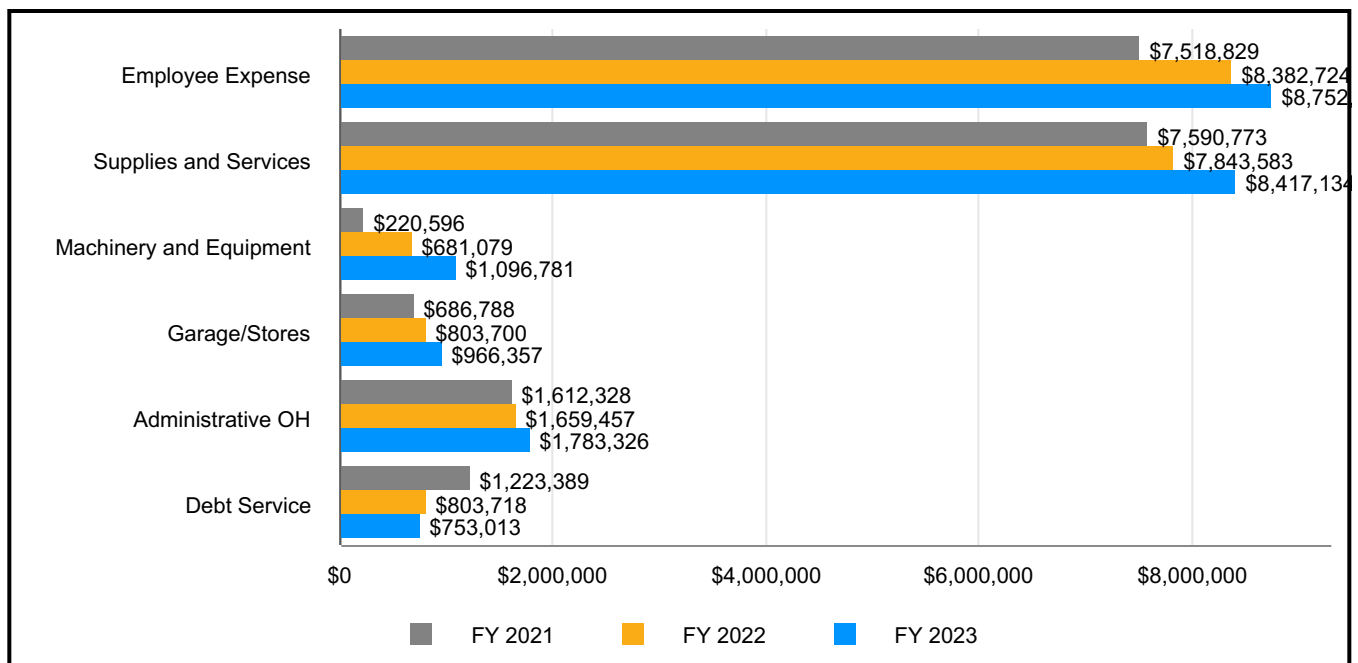
	FY 2021	FY 2022	FY 2023
Full-Time Equivalent	93.28	93.28	93.43

## Resources



The Public Works Department is supported by 93.43 full-time equivalent employees, which accounts for 47% of the department expense as seen below. Overall, the department's expenses are expected to decrease by 9% in FY 2023 compared to FY 2022.

## Expenditures by Category by Fiscal Year



# PUBLIC WORKS

## Public Works Administration

### Mission & Services





Public works administration provides support for citizens and supervisors of employees of the department who are responsible for: maintaining and cleaning Dubuque's streets, alleys, sanitary sewers, storm sewers, retaining walls, sidewalks, steps and riverfront, street and traffic sign repairs, traffic signal and street light maintenance, utility location support, refuse collection, floodwall operations, landfill operations, yard waste collection, DMASWA administrative and education support, large item collection, curbside recycling collection, curb side electronic recycling collection, e-scrap recycling, rural recycling drop-off facilities, composting operations, household hazardous materials regional collection center, landfill methane management, Port of Dubuque facility maintenance, and City-wide fleet maintenance.

Administration Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$(11,326)	\$3,185	\$93,755
Resources	\$1,809	\$63	\$26

Administration Position Summary	
	FY 2023
Public Works Director	1.00
Assistant Public Works Director	1.00
Lead Administrative Assistant	1.00
Secretary	2.00
<b>Total FT Equivalent Employees</b>	<b>5.67</b>

### Performance Measures

#### City Council Goal: Financially Responsible, High-Performance Organization

	Performance Measure (KPI)	Target	FY 2019 Actual	FY 2020 Actual	FY 2021 Estimated	Performance Indicator
1	<b>Activity Objective: Provide effective and timely response to resident requests for information and service to avoid disruption in residents' daily lives.</b>					
	% of phone support answer rate	> 95%	N/A	66.3%	70%	
	Avg. time service requests are resolved: High Priority	<10 days	19.00	13.58	11.64	
	Avg. time service requests are resolved: Medium Priority	<14 days	6.51	7.67	9.65	
	Avg. time service requests are resolved: Low Priority	<30 days	1.96	59.55	15.13	

*Citizens frequently assume that the many essential services provided by the Public Works Department are supported by 24/7 staffing. Since that is not the case, responses to citizen inquiries and requests for non-essential service can take longer than 96 hours to complete.*



# PUBLIC WORKS

## Street Maintenance

### Mission & Services

Provide for the safe and efficient movement of motor vehicles on City streets and alleys and the safe movement of pedestrians on public sidewalks and steps maintained by the department. Also, safeguard public health and provide for the general welfare of residents and visitors to the community through street sweeping and weed-cutting on City-owned properties and along City right-of-way. Responsibilities include [street maintenance](#), street cleaning, [snow and ice control](#), [street light and traffic light maintenance](#), and [street signs and markings](#).


Street Maintenance Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$5,658,573	\$6,343,478	\$6,967,292
Resources	\$3,140,404	\$3,459,392	\$3,847,084

Street Maintenance Position Summary	
	FY 2023
Foreman - Maintenance	3.20
Foreman - Snow and Ice	0.98
Field Supervisor - Maintenance	0.73
Field Supervisor - Snow and Ice	0.17
Truck Driver - Maintenance	—
Truck Driver - Snow and Ice	—
Truck Driver - Street Cleaning	—
Utility Worker - Maintenance	6.46
Utility Worker - Snow and Ice	1.85
Equipment Operator I - Street Signs	0.82
Equipment Operator I - Maintenance	4.11
Equipment Operator I - Snow & Ice	1.98
Equipment Operator I - Street Clean	0.83
Equipment Operator II - Traffic	—
Equipment Operator II - Street Signs	0.40
Equipment Operator II - Maint.	1.94
Equipment Operator II - Snow & Ice	1.17
Equipment Operator II - Street Clean	1.77
Assistant Horticulturist - Maint.	0.25
Assistant Horticulturist - Snow and Ice	0.17
Custodian I	0.38
Laborer - Street Signs	—
Utility Worker Apprentice	0.83
Laborer - Street Cleaning	0.27
Maintenance Worker - Maintenance	—
Maintenance Worker - Snow	—
Traffic Signal Technician II - Street Sign	0.01
Traffic Signal Technician II - Snow	0.12
Traffic Signal Technician II - Traffic	2.86
<b>Total FT Equivalent Employees</b>	<b>31.30</b>


# PUBLIC WORKS

## Performance Measures

### City Council Goal: Connected Community

Performance Measure (KPI)	Target	FY 2019 Actual	FY 2020 Actual	FY 2021 Estimated	Performance Indicator
<b>1 Activity Objective: Provide an effective and efficient road transportation network</b>					
# of centerline miles of asphalt overlay projects completed per year	5	5.17	4.72	10.01	

### City Council Goal: Sustainable Environment

<b>3 Activity Objective: Replace City-owned high-pressure sodium street lights with more energy-efficient, longer lifespan LED lights.</b>					
% of City-owned LED lights	1% increase	50%	50%	52%	



### DID YOU KNOW?

Studies show that for every \$1 spent on street pavement preventive maintenance projects, it would cost \$4 to \$5 more if those preventive maintenance projects were delayed and more extensive pavement rehabilitation is needed at a later time.

Winter Season	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
<b>Number of Storms</b>	15	12	25	26	22	17
<b>Total Seasonal Snowfall (inches)</b>	34.18	27.10	38.20	55.20	36.20	59.30
<b>Type of Season</b>	Strong EN	Weak LN	Weak LN	Weak EN	Neutral	Moderate LN
<b>Salt Used for Deicing</b>	3,242	3,474	5,749	5,401	5,135	3,990

# PUBLIC WORKS

## Sewer Maintenance

### Mission & Services




Sewer Maintenance provides for a safe and clean municipal environment by inspecting, cleaning and repairing Dubuque's sanitary and storm water sewers. Dubuque's sanitary sewer system 309 miles of gravity-flow pipe and 7,642 manholes. Department workers also inspect, clean and repair Dubuque's stormwater sewer system, which consists of 152 miles of pipe, 6,301 catch basins, and 1,997 manholes.

Sewer Maintenance Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$846,151	\$1,052,707	\$1,000,423
Resources	\$846,151	\$1,052,707	\$1,000,423


Sewer Maintenance Position Summary	
	FY 2023
Foreman - Sanitary	0.92
Foreman - Storm	0.82
Equipment Operator I - Sanitary	2.97
Equipment Operator I - Storm	1.12
Equipment Operator II - Sanitary	0.87
Equipment Operator II - Storm	0.10
Utility Worker - Sanitary	0.30
<b>Total FT Equivalent Employees</b>	<b>7.10</b>

### Performance Measures

#### City Council Goal: Sustainable Environment

	Performance Measure (KPI)	Target	FY 2019 Actual	FY 2020 Actual	FY 2021 Estimated	Performance Indicator
1	<b>Activity Objective: Reduce the number of sanitary sewer basement back-ups and non-basement sanitary sewer overflows attributed to compromised City sewer lines.</b>					
	# of miles of sanitary sewer pipe cleaned or inspected	75	42.2	99.19	92.93	
	# of City sewer problems responded to (# of private sewer problems responded to)	0 (50)	15 (76)	7 (53)	8 (61)	
	total sanitary sewer pipe treated for intrusive root control (feet)	10,000	12,643	13,218	14,914	

#### City Council Goal: Financially Responsible, High Performance Organization

2	<b>Activity Objective: Ensure contractors' and developers' compliance with City specifications by completing post-construction inspection of new or repaired sanitary and storm sewer infrastructure using City Media Service technology</b>					
	Total sewer pipe inspection footage using CMS equipment	35,000	22,067	42,844	48,000	

# PUBLIC WORKS

## Riverfront Maintenance and Operations

### Mission & Services

Riverfront Maintenance and Operations provides for the Public Works Department's maintenance of riverfront shoreline, two public boat ramps, accessible and aesthetically-attractive municipal waterfront areas, Dubuque's flood control system, and maintenance for American Trust River's Edge Plaza, the Alliant Energy Amphitheater, the Mississippi Riverwalk, the Port of Dubuque's parking lots, the Riverwalk boat-mooring quay, the Port's shoreline, and other City-owned infrastructure in the Port of Dubuque. Lighting, sweeping, watering, landscaping, mowing, snow clearing, and other maintenance along Dubuque's entire riverfront are also provided as needed and required.

Riverfront Maintenance and Operations Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$327,233	\$447,717	\$510,387
Resources	\$4,038	\$15,605	\$12,969

Riverfront Maintenance and Operations Position Summary	
	FY 2023
Foreman	0.08
Field Supervisor - Floodwall	0.10
Equipment Operator I	0.10
Equipment Operator I	0.73
Equipment Operator II - Riverfront	0.10
Equipment Operator II - Floodwall	0.12
Laborer - Riverfront	0.08
Laborer - Floodwall	0.10
Laborer - POD	0.45
Traffic Signal Technician	0.01
<b>Total FT Equivalent Employees</b>	<b>1.87</b>

# PUBLIC WORKS

## Vehicle Maintenance

### Mission & Services

Vehicle Maintenance maintains and repairs the City's fleet of 584 trucks, buses, heavy equipment, automobiles, and other machinery. Machinery, vehicles, and equipment maintained include the major fleets belonging to the Public Works, Police, Fire, and Water departments, along with the buses of The Jule public transit system.

Vehicle Maintenance Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$ 1,842,182	\$ 2,080,475	\$ 2,235,603
Resources	\$ 1,958,030	\$ 2,082,375	\$ 1,957,267

Vehicle Maintenance Position Summary	
	FY 2023
Equipment Maintenance Supervisor	1.00
Lead Mechanic	2.00
Mechanic	7.00
Stock Clerk	1.00
Inventory Accounting Clerk	1.00
Custodian I	0.15
<b>Total FT Equivalent Employees</b>	<b>12.15</b>

### Performance Measures

#### City Council Goal: Financially Responsible, High-Performance Organization

	Performance Measure (KPI)	Target	FY 2019 Actual	FY 2020 Actual	FY 2021 Estimated	Performance Indicator
1	<b>Activity Objective: Ensure City vehicles and heavy equipment are always ready to provide timely service to the public in a cost-effective manner</b>					
	# of City-owned vehicles with extended life expectancy of at least one year due to annual inspection	N/A	9	9	10	N/A

# PUBLIC WORKS

## Solid Waste Resource Management

### Mission & Services





The Solid Waste Resource Management Activity provides City [curbside collection](#) services that reduce public health risks and improve community livability, while seeking to optimize materials' diversion away from the landfill. The [Public Works Department](#) provides equitable refuse collection and disposal service to over 20,000 residential and small business customers through the City's Pay-As-You Throw (PAYT) program. Other responsibilities include: monitoring City compliance with all collection-related environmental and safety regulations, facilitating community aesthetic improvements, providing for efficient [collection of recyclable materials](#), [large item collection](#), curbside collection of [yard debris](#) materials (grass, leaves and brush), [food scraps](#), and compostable paper.

Resource Management Funding Summary			
	FY 2021 Actual	FY 2022 Budget	FY 2023 Requested
Expenditures	\$4,209,958	\$4,352,692	\$5,148,917
Resources	\$4,391,424	\$4,646,667	\$5,690,986

Resource Management Position Summary	
	FY 2023
Resource Management Coordinator	1.00
Lead Sanitation Driver	1.00
Sanitation Driver	18.00
Custodial I	0.08
Seasonal Sanitation Driver	0.08
<b>Total FT Equivalent Employees</b>	<b>20.16</b>

### Performance Measures

#### City Council Goal: Sustainable Environment

	Performance Measure (KPI)	Target	FY 2019 Actual	FY 2020 Actual	FY 2021 Estimated	Performance Indicator
<b>1</b>	<b>Activity Objective: Increase overall waste diversion rate of City collection materials by 1% per capita per day.</b>					
	% change in refuse as the total municipal materials collected curbside per capita per day	-1% Annually	N/A	9.9%	(4.1)%	
	% change in recycling as the total municipal materials collected curbside per capita per day	Maintain	N/A	(3.0)%	0.9%	
	% change in yard waste and food scraps as the total municipal materials collected curbside per capita per day	+1% Annually	N/A	(13.5)%	3.7%	
<b>2</b>	<b>Activity Objective: Increase expanded use of City-owned wheeled collection carts.</b>					
	% of service-provided households subscribe to a refuse-wheeled cart	>90%	17.0%	21.0%	25.0%	

*Total municipal waste tonnages collected curbside increased 5.34% from FY2020 to FY2021.*

## Recommended Operating Revenue Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Revenue	FY21 Actual Revenue	FY22 Adopted Budget	FY23 Recomm'd Budget
670	43110	INVESTMENT EARNINGS	27,158	14,295	10,000	14,295
<b>43</b>	<b>USE OF MONEY AND PROPERTY - Total</b>		<b>27,158</b>	<b>14,295</b>	<b>10,000</b>	<b>14,295</b>
670	44175	FEDERAL STIMULUS GRANTS	0	0	0	582,698
<b>44</b>	<b>INTERGOVERNMENTAL - Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>582,698</b>
940	45701	STATE GRANTS	0	1,470	0	1,470
<b>45</b>	<b>STATE GRANTS - Total</b>		<b>0</b>	<b>1,470</b>	<b>0</b>	<b>1,470</b>
810	46105	FUEL SALES, COUNTY	57,788	22,218	57,788	22,218
<b>46</b>	<b>LOCAL GRANT AND REIMBURSE - Total</b>		<b>57,788</b>	<b>22,218</b>	<b>57,788</b>	<b>22,218</b>
670	51215	LATE PAYMENT PENALTY	41,138	1,885	41,162	1,878
610	51250	SEWER TV SERVICE CHARGES	0	4,762	1,500	4,762
670	51605	SOLID WASTE MONTHLY FEE	3,363,425	3,067,771	3,444,696	3,551,154
670	51606	SOLID WASTE VACANT CREDIT	(46,762)	(40,557)	(46,762)	(40,557)
670	51610	TIPPER CARTS	683,959	875,245	766,615	1,020,799
670	51615	EXTRA/OVERSIZE CAN SUBSCR	58,842	49,689	58,842	49,689
670	51620	REFUSE SINGLE USE REFUSE	109,486	122,875	109,486	122,875
670	51630	YARD WASTE STICKER ANNUAL	23,954	26,412	23,954	26,412
670	51635	YARD WASTE SINGLE USE STI	99,442	102,916	99,442	102,916
670	51640	YARD WASTE BRUSH TIE SALE	2,205	2,131	2,205	2,131
670	51641	SUBSCRIPTION RECYCLING	6,196	6,543	6,196	6,543
670	51642	FOOD SCRAP	10,647	9,131	10,647	9,131
940	51644	GAS SALES	0	0	0	70,000
670	51645	LEAF RAKE OUT FEES	5,915	7,205	5,915	7,205
670	51650	LARGE ITEM PICKUP FEES	58,982	78,408	58,982	78,408
940	51660	SOLID WASTE AGENCY PMT	0	0	4,700,138	6,170,419
670	51665	RECYCABLE SALES	762	10,941	762	96,000
100	51910	STATE HIGHWAY MAINT	27,972	22,896	3,748	14,098
100	51956	PAVILION FEES	5,263	4,038	6,860	5,969
250	51975	SALE OF SALT	211,083	0	0	0
680	51975	SALE OF SALT	266,914	120,416	88,755	97,665
680	51976	SALT HANDLING FEE	44,693	0	9,060	9,240
680	51977	SALT STORAGE FEE	35,146	4,773	6,637	6,000
670	54647	ROW VIOLATION - COLLECT.	646	1,092	646	1,092
<b>51</b>	<b>CHARGES FOR SERVICES - Total</b>		<b>5,009,907</b>	<b>4,478,571</b>	<b>9,399,486</b>	<b>11,413,829</b>
670	53102	PRIVATE PARTICIPANT	0	87	0	0
100	53201	REFUNDS	0	455	0	0
250	53201	REFUNDS	0	134	0	0
610	53201	REFUNDS	0	3,803	0	0
670	53201	REFUNDS	2,287	0	2,287	0
810	53204	IOWA FUEL TAX REFUND	55,493	26,818	55,493	26,818
810	53530	SPECIALIZED SERVICES	1,091,041	1,168,278	1,224,924	1,168,278
810	53570	FUEL/PARTS INTERNAL SVC	793,181	736,442	741,491	736,442
100	53605	MISCELLANEOUS REVENUE	591	630	591	630
250	53610	INSURANCE CLAIMS	0	395	0	0
100	53615	DAMAGE CLAIMS	15,152	18,851	18,400	14,309
100	53620	REIMBURSEMENTS-GENERAL	9,382	32,738	9,410	12,412

## Recommended Operating Revenue Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Revenue	FY21 Actual Revenue	FY22 Adopted Budget	FY23 Recomm'd Budget
250	53620	REIMBURSEMENTS-GENERAL	5,686	61,858	13,848	16,504
610	53620	REIMBURSEMENTS-GENERAL	768	2,637	768	0
620	53620	REIMBURSEMENTS-GENERAL	60	0	60	0
670	53620	REIMBURSEMENTS-GENERAL	525	8,097	525	8,097
810	53620	REIMBURSEMENTS-GENERAL	50	763	0	0
940	53620	REIMBURSEMENTS-GENERAL	1,000	121	0	121
670	53630	SALES TAX COLLECTION	7,206	6,702	7,207	7,220
<b>53</b>	<b>MISCELLANEOUS</b>	<b>- Total</b>	<b>1,982,424</b>	<b>2,068,808</b>	<b>2,075,004</b>	<b>1,990,831</b>
250	54106	EQUIPMENT SALES	0	41,000	0	0
100	54109	SALVAGE SALES	584	348	444	355
610	54109	SALVAGE SALES	1,293	1,959	1,293	1,959
810	54109	SALVAGE SALES	2,679	3,511	2,679	3,511
100	54110	SALE OF SIGNS AND MARKING	443	350	362	350
400	54210	GO BOND PROCEEDS	0	406,346	0	0
400	54220	BOND DISCOUNT	0	16,765	0	0
<b>54</b>	<b>OTHER FINANCING SOURCES</b>	<b>- Total</b>	<b>4,998</b>	<b>470,279</b>	<b>4,778</b>	<b>6,175</b>
670	59100	FR GENERAL	0	40,557	43,860	43,000
400	59250	FR ROAD USE TAX	35,474	36,207	38,406	39,415
400	59300	FR STREET CONSTRUCTION	85,052	83,029	83,046	31,276
400	59350	FR SALES TAX CONSTRUCTION	13,890	12,829	13,173	12,959
<b>59</b>	<b>TRANSFER IN AND INTERNAL</b>	<b>- Total</b>	<b>134,416</b>	<b>172,622</b>	<b>178,485</b>	<b>126,650</b>
<b>PUBLIC WORKS - Total</b>			<b>7,216,692</b>	<b>7,228,264</b>	<b>11,725,541</b>	<b>14,158,166</b>



## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
100	61010	FULL-TIME EMPLOYEES	597,022	620,788	695,267	775,067
250	61010	FULL-TIME EMPLOYEES	1,290,635	1,302,012	1,657,401	1,678,291
610	61010	FULL-TIME EMPLOYEES	304,762	274,537	290,661	300,195
620	61010	FULL-TIME EMPLOYEES	108,891	91,084	120,358	124,961
630	61010	FULL-TIME EMPLOYEES	5,002	2,091	—	—
670	61010	FULL-TIME EMPLOYEES	1,110,119	1,096,672	1,172,906	1,213,316
810	61010	FULL-TIME EMPLOYEES	606,787	616,239	716,152	744,471
940	61010	FULL-TIME EMPLOYEES	569,973	601,720	682,936	701,888
100	61020	PART-TIME EMPLOYEES	6,487	—	—	26,314
250	61020	PART-TIME EMPLOYEES	17,545	19,827	18,789	19,400
670	61020	PART-TIME EMPLOYEES	2,619	3,027	3,956	4,084
810	61020	PART-TIME EMPLOYEES	6,023	6,679	7,417	7,658
100	61030	SEASONAL EMPLOYEES	19,047	974	37,452	20,922
250	61030	SEASONAL EMPLOYEES	2,040	719	8,915	8,913
610	61030	SEASONAL EMPLOYEES	79	—	—	—
620	61030	SEASONAL EMPLOYEES	56	—	—	—
630	61030	SEASONAL EMPLOYEES	821	—	—	—
670	61030	SEASONAL EMPLOYEES	9,309	3,114	22,061	2,719
940	61030	SEASONAL EMPLOYEES	1,146	—	24,696	25,494
100	61050	OVERTIME PAY	53,310	31,284	35,241	35,241
250	61050	OVERTIME PAY	134,739	181,547	156,000	156,000
610	61050	OVERTIME PAY	10,529	4,353	10,250	10,250
620	61050	OVERTIME PAY	2,347	1,223	2,050	2,050
630	61050	OVERTIME PAY	—	40	—	—
670	61050	OVERTIME PAY	24,207	28,418	21,400	21,400
810	61050	OVERTIME PAY	45,235	45,901	28,250	28,250
940	61050	OVERTIME PAY	74,793	32,970	71,200	71,200
100	61070	HOLIDAY PAY	114	—	—	3,056
100	61071	HOLIDAY PAY-OVERTIME	3,831	1,846	4,100	4,100
250	61071	HOLIDAY PAY-OVERTIME	23,354	37,288	13,050	22,362
610	61071	HOLIDAY PAY-OVERTIME	334	—	750	1,900
620	61071	HOLIDAY PAY-OVERTIME	349	35	—	479
670	61071	HOLIDAY PAY-OVERTIME	23,806	28,418	19,700	33,034
810	61071	HOLIDAY PAY-OVERTIME	3,211	3,832	3,000	7,232
940	61071	HOLIDAY PAY-OVERTIME	13,731	15,074	16,500	23,540
100	61081	COVID19 SCHOOL/DAYCARE CL	1,438	—	—	—
250	61081	COVID19 SCHOOL/DAYCARE CL	736	—	—	—
940	61081	COVID19 SCHOOL/DAYCARE CL	228	—	—	—
250	61083	COVID19 EMP NON-WORK	14,550	—	—	—
610	61083	COVID19 EMP NON-WORK	849	—	—	—
620	61083	COVID19 EMP NON-WORK	228	—	—	—
670	61083	COVID19 EMP NON-WORK	1,868	—	—	—
810	61083	COVID19 EMP NON-WORK	684	—	—	—
940	61083	COVID19 EMP NON-WORK	3,860	—	—	—
250	61085	SELF QUARANTINE HEALTH	2,081	8,189	—	—

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
610	61085	SELF QUARANTINE HEALTH	—	1,873	—	—
670	61085	SELF QUARANTINE HEALTH	—	12,648	—	—
810	61085	SELF QUARANTINE HEALTH	—	6,198	—	—
940	61085	SELF QUARANTINE HEALTH	—	2,283	—	—
100	61091	SICK LEAVE PAYOFF	15,793	14,262	435	4,362
250	61091	SICK LEAVE PAYOFF	12,611	11,503	3,309	5,127
610	61091	SICK LEAVE PAYOFF	686	—	—	—
620	61091	SICK LEAVE PAYOFF	5,789	5,789	5,784	4,460
670	61091	SICK LEAVE PAYOFF	8,767	11,653	14,332	12,327
810	61091	SICK LEAVE PAYOFF	716	—	—	—
940	61091	SICK LEAVE PAYOFF	2,945	4,107	1,881	1,696
250	61092	VACATION PAYOFF	1,271	2,387	—	—
610	61092	VACATION PAYOFF	8,298	—	—	—
670	61092	VACATION PAYOFF	3,414	9,514	—	—
810	61092	VACATION PAYOFF	326	—	—	—
940	61092	VACATION PAYOFF	683	—	—	—
670	61095	PARENTAL LEAVE	2,359	—	—	—
100	61096	50% SICK LEAVE PAYOUT	3,294	4,079	4,140	4,079
250	61096	50% SICK LEAVE PAYOUT	1,301	1,632	1,301	1,632
100	61310	IPERS	63,127	61,730	72,885	82,883
250	61310	IPERS	140,107	146,213	175,027	176,665
610	61310	IPERS	29,968	26,366	28,476	29,377
620	61310	IPERS	10,555	8,717	11,557	11,991
630	61310	IPERS	472	201	—	—
670	61310	IPERS	110,097	110,358	117,058	120,411
810	61310	IPERS	62,487	64,083	71,255	73,952
940	61310	IPERS	62,539	61,553	75,075	79,282
100	61320	SOCIAL SECURITY	51,511	48,938	60,041	67,822
250	61320	SOCIAL SECURITY	107,568	112,712	142,098	144,402
610	61320	SOCIAL SECURITY	23,192	20,059	23,076	23,807
620	61320	SOCIAL SECURITY	8,398	7,049	9,808	10,058
630	61320	SOCIAL SECURITY	419	152	—	—
670	61320	SOCIAL SECURITY	86,172	86,452	95,572	99,496
810	61320	SOCIAL SECURITY	48,490	49,447	57,743	59,930
940	61320	SOCIAL SECURITY	48,646	47,364	60,984	64,567
100	61410	HEALTH INSURANCE	96,248	150,258	133,581	148,059
250	61410	HEALTH INSURANCE	295,894	350,336	376,689	382,997
610	61410	HEALTH INSURANCE	65,106	63,345	65,941	67,919
620	61410	HEALTH INSURANCE	21,110	25,072	26,584	27,382
630	61410	HEALTH INSURANCE	1,587	633	—	—
670	61410	HEALTH INSURANCE	216,719	258,216	260,639	275,977
810	61410	HEALTH INSURANCE	130,032	147,552	156,384	161,076
940	61410	HEALTH INSURANCE	119,189	135,262	143,354	164,561
100	61415	WORKMENS' COMPENSATION	16,031	16,350	15,273	13,548
250	61415	WORKMENS' COMPENSATION	126,541	136,323	115,111	112,397

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
610	61415	WORKMENS' COMPENSATION	7,924	8,206	6,306	7,594
620	61415	WORKMENS' COMPENSATION	2,597	2,661	2,557	3,107
670	61415	WORKMENS' COMPENSATION	102,426	105,752	98,732	116,942
810	61415	WORKMENS' COMPENSATION	17,953	18,800	16,280	17,476
940	61415	WORKMENS' COMPENSATION	64,574	69,484	60,662	72,054
100	61416	LIFE INSURANCE	488	493	602	561
250	61416	LIFE INSURANCE	920	948	1,597	1,318
610	61416	LIFE INSURANCE	209	191	284	234
620	61416	LIFE INSURANCE	81	71	116	96
630	61416	LIFE INSURANCE	4	2	—	—
670	61416	LIFE INSURANCE	802	802	1,105	951
810	61416	LIFE INSURANCE	454	470	660	552
940	61416	LIFE INSURANCE	408	444	614	610
670	61417	UNEMPLOYMENT INSURANCE	—	—	647	—
100	61640	SAFETY EQUIPMENT	1,143	697	1,097	1,097
250	61640	SAFETY EQUIPMENT	7,486	3,642	3,408	3,408
610	61640	SAFETY EQUIPMENT	2,713	1,588	1,003	1,003
620	61640	SAFETY EQUIPMENT	492	341	334	334
670	61640	SAFETY EQUIPMENT	4,112	3,338	3,018	3,018
810	61640	SAFETY EQUIPMENT	2,212	2,131	1,604	1,604
940	61640	SAFETY EQUIPMENT	4,395	5,702	4,540	4,540
810	61645	TOOL ALLOWANCE	1,800	1,600	1,800	1,800
940	61645	TOOL ALLOWANCE	200	200	200	200
100	61650	MEAL ALLOWANCE	846	120	846	120
250	61650	MEAL ALLOWANCE	3,234	4,116	3,234	4,116
610	61650	MEAL ALLOWANCE	126	30	126	30
620	61650	MEAL ALLOWANCE	54	42	54	42
670	61650	MEAL ALLOWANCE	—	6	—	6
810	61650	MEAL ALLOWANCE	1,536	1,416	1,536	1,416
940	61650	MEAL ALLOWANCE	1,026	408	1,026	408
250	61651	MEALS NO OVERNIGHT	50	—	—	—
610	61651	MEALS NO OVERNIGHT	12	—	—	—
620	61651	MEALS NO OVERNIGHT	8	—	—	—
940	61651	MEALS NO OVERNIGHT	24	—	—	—
250	61660	EMPLOYEE PHYSICALS	1,516	—	1,516	—
610	61660	EMPLOYEE PHYSICALS	604	274	604	274
620	61660	EMPLOYEE PHYSICALS	252	—	252	—
670	61660	EMPLOYEE PHYSICALS	105	167	105	167
810	61660	EMPLOYEE PHYSICALS	42	808	42	808
940	61660	EMPLOYEE PHYSICALS	366	412	366	412
100	61680	EMPLOYEE MOVING EXPENSE	6,600	900	—	—
<b>61 - WAGES AND BENEFITS</b>			<b>7,349,030</b>	<b>7,518,829</b>	<b>8,382,724</b>	<b>8,752,327</b>
100	62010	OFFICE SUPPLIES	2,476	2,598	2,476	2,598
250	62010	OFFICE SUPPLIES	5	114	—	114
610	62010	OFFICE SUPPLIES	130	44	133	44

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
620	62010	OFFICE SUPPLIES	—	22	—	22
670	62010	OFFICE SUPPLIES	50	140	50	140
810	62010	OFFICE SUPPLIES	473	628	473	628
940	62010	OFFICE SUPPLIES	2,191	1,872	2,304	1,872
100	62011	UNIFORM PURCHASES	912	1,440	912	1,441
250	62011	UNIFORM PURCHASES	5,268	8,755	5,268	5,268
610	62011	UNIFORM PURCHASES	776	1,185	776	1,185
620	62011	UNIFORM PURCHASES	321	916	321	916
670	62011	UNIFORM PURCHASES	2,334	4,850	2,351	4,851
810	62011	UNIFORM PURCHASES	517	431	—	431
940	62011	UNIFORM PURCHASES	1,068	1,122	1,068	1,122
810	62013	UNIFORM MAINTENANCE	1,634	4,290	3,580	4,290
940	62013	UNIFORM MAINTENANCE	734	312	734	312
100	62030	POSTAGE AND SHIPPING	832	1,367	865	1,395
250	62030	POSTAGE AND SHIPPING	245	—	255	—
670	62030	POSTAGE AND SHIPPING	36	230	36	236
810	62030	POSTAGE AND SHIPPING	1	9	—	10
940	62030	POSTAGE AND SHIPPING	693	1,044	707	1,065
100	62033	HAND TOOLS/EQUIPMENT	30	29	30	30
250	62033	HAND TOOLS/EQUIPMENT	4,208	5,569	4,371	5,681
610	62033	HAND TOOLS/EQUIPMENT	1,931	1,390	1,200	1,418
620	62033	HAND TOOLS/EQUIPMENT	641	377	666	384
670	62033	HAND TOOLS/EQUIPMENT	37	—	38	—
810	62033	HAND TOOLS/EQUIPMENT	2,534	—	3,500	—
940	62033	HAND TOOLS/EQUIPMENT	3,445	10,522	3,514	20,732
100	62034	REPAIR PARTS/SUPPLIES	14,086	4,140	14,655	10,915
250	62034	REPAIR PARTS/SUPPLIES	18,291	13,870	20,132	40,445
610	62034	REPAIR PARTS/SUPPLIES	32,551	15,205	26,586	15,509
620	62034	REPAIR PARTS/SUPPLIES	7,577	12,553	7,884	12,804
670	62034	REPAIR PARTS/SUPPLIES	845	796	861	812
810	62034	REPAIR PARTS/SUPPLIES	718	1,111	868	1,134
940	62034	REPAIR PARTS/SUPPLIES	34,365	19,320	98,556	23,567
250	62036	CONSTRUCTION SUPPLIES	46,322	58,867	48,193	60,044
810	62050	OFFICE EQUIPMENT MAINT	522	—	532	—
100	62061	DP EQUIP. MAINT CONTRACTS	6,558	10,241	10,241	9,568
810	62061	DP EQUIP. MAINT CONTRACTS	3,378	5,276	5,276	4,929
250	62062	JANITORIAL SUPPLIES	6,181	5,632	6,430	5,745
670	62062	JANITORIAL SUPPLIES	1,166	1,063	1,190	1,084
810	62062	JANITORIAL SUPPLIES	2,216	2,019	2,880	2,059
940	62062	JANITORIAL SUPPLIES	953	643	972	656
250	62063	SAFETY RELATED SUPPLIES	—	3,145	—	—
940	62063	SAFETY RELATED SUPPLIES	—	290	—	296
100	62064	ELECTRICAL SUPPLIES	1,668	1,201	1,735	1,225
250	62064	ELECTRICAL SUPPLIES	164	1,982	171	2,021
670	62064	ELECTRICAL SUPPLIES	31	374	32	381

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
810	62064	ELECTRICAL SUPPLIES	59	710	60	725
940	62064	ELECTRICAL SUPPLIES	218	—	222	—
100	62090	PRINTING & BINDING	18	200	19	112
250	62090	PRINTING & BINDING	2,442	956	2,541	2,491
670	62090	PRINTING & BINDING	20,517	20,991	20,927	20,927
810	62090	PRINTING & BINDING	—	288	—	—
940	62090	PRINTING & BINDING	257	170	312	262
100	62110	COPYING/REPRODUCTION	1,370	1,349	1,370	1,349
250	62110	COPYING/REPRODUCTION	—	—	—	—
610	62110	COPYING/REPRODUCTION	—	—	—	—
670	62110	COPYING/REPRODUCTION	153	37	153	37
810	62110	COPYING/REPRODUCTION	149	162	149	162
940	62110	COPYING/REPRODUCTION	1,455	833	1,455	833
100	62130	LEGAL NOTICES & ADS	—	281	—	172
250	62130	LEGAL NOTICES & ADS	2,419	471	2,419	366
610	62130	LEGAL NOTICES & ADS	—	252	—	252
620	62130	LEGAL NOTICES & ADS	—	46	—	—
670	62130	LEGAL NOTICES & ADS	3,284	1,896	3,284	1,271
810	62130	LEGAL NOTICES & ADS	1,135	581	5,300	581
940	62130	LEGAL NOTICES & ADS	1,767	823	1,767	823
670	62140	PROMOTION	10,126	5,573	14,452	14,452
940	62140	PROMOTION	5,566	29,140	66,580	18,580
100	62170	SUBSCRIPTIONS-BOOKS-MAPS	2,146	1,293	2,232	1,319
670	62170	SUBSCRIPTIONS-BOOKS-MAPS	14	—	14	—
940	62170	SUBSCRIPTIONS-BOOKS-MAPS	32	—	33	—
100	62190	DUES & MEMBERSHIPS	1,893	1,451	1,969	1,480
250	62190	DUES & MEMBERSHIPS	416	430	1,061	439
670	62190	DUES & MEMBERSHIPS	223	293	227	299
810	62190	DUES & MEMBERSHIPS	202	208	206	212
940	62190	DUES & MEMBERSHIPS	4,754	3,549	4,535	3,603
100	62204	REFUNDS	75	75	—	75
610	62204	REFUNDS	—	500	1,000	500
670	62204	REFUNDS	2,676	2,294	2,676	2,294
940	62204	REFUNDS	66	168	66	168
100	62206	PROPERTY INSURANCE	6,659	2,169	1,596	5,872
250	62206	PROPERTY INSURANCE	19,201	16,643	32,800	20,336
670	62206	PROPERTY INSURANCE	1,423	1,563	1,694	1,856
810	62206	PROPERTY INSURANCE	3,578	3,168	3,433	3,761
940	62206	PROPERTY INSURANCE	75,801	49,097	52,189	87,817
100	62208	GENERAL LIABILITY INSURAN	13,432	13,170	13,887	19,601
250	62208	GENERAL LIABILITY INSURAN	33,580	32,946	34,739	49,031
610	62208	GENERAL LIABILITY INSURAN	7,743	7,594	8,007	11,301
620	62208	GENERAL LIABILITY INSURAN	9,380	9,185	9,685	13,670
670	62208	GENERAL LIABILITY INSURAN	20,322	19,920	21,005	29,648
810	62208	GENERAL LIABILITY INSURAN	13,026	13,031	13,728	3,040

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
940	62208	GENERAL LIABILITY INSURAN	34,214	35,410	37,184	44,192
670	62210	SALES TAX	7,219	6,771	7,219	7,220
940	62210	SALES TAX	65,004	92,379	65,004	92,379
940	62211	PROPERTY TAX	2,264	—	2,309	—
100	62310	TRAVEL-CONFERENCES	8,417	1,219	22,200	22,200
250	62310	TRAVEL-CONFERENCES	—	829	—	—
670	62310	TRAVEL-CONFERENCES	870	—	6,900	2,250
810	62310	TRAVEL-CONFERENCES	367	926	3,840	3,840
940	62310	TRAVEL-CONFERENCES	2,613	(504)	9,470	10,970
100	62320	TRAVEL-CITY BUSINESS	198	—	286	286
250	62320	TRAVEL-CITY BUSINESS	145	—	—	—
670	62320	TRAVEL-CITY BUSINESS	256	—	373	373
810	62320	TRAVEL-CITY BUSINESS	—	—	1,186	1,186
940	62320	TRAVEL-CITY BUSINESS	4,162	11	3,828	3,828
100	62340	MILEAGE/LOCAL TRANSP	245	220	307	307
940	62340	MILEAGE/LOCAL TRANSP	1,024	794	3,036	3,036
100	62360	EDUCATION & TRAINING	3,928	1,910	5,952	5,952
250	62360	EDUCATION & TRAINING	7,409	2,211	10,727	41,327
610	62360	EDUCATION & TRAINING	4,507	437	8,000	8,000
620	62360	EDUCATION & TRAINING	190	295	300	300
670	62360	EDUCATION & TRAINING	21	595	1,200	1,200
810	62360	EDUCATION & TRAINING	628	1,835	7,500	7,500
940	62360	EDUCATION & TRAINING	5,473	2,200	13,810	23,110
940	62363	GREEN VISION - EDUC/TRAIN	46,810	33,229	12,000	12,000
100	62411	UTILITY EXP-ELECTRICITY	57,350	20,889	52,057	57,558
250	62411	UTILITY EXP-ELECTRICITY	64,414	55,008	71,017	54,245
620	62411	UTILITY EXP-ELECTRICITY	2,853	1,996	3,146	1,818
670	62411	UTILITY EXP-ELECTRICITY	11,153	9,610	11,711	9,321
810	62411	UTILITY EXP-ELECTRICITY	21,191	18,259	23,363	17,711
940	62411	UTILITY EXP-ELECTRICITY	24,354	26,069	25,571	23,510
250	62412	UTILITY EXP-GAS	28,593	18,435	28,593	27,287
670	62412	UTILITY EXP-GAS	3,442	1,633	3,442	2,605
810	62412	UTILITY EXP-GAS	6,540	3,102	6,540	4,950
940	62412	UTILITY EXP-GAS	8,112	10,873	8,112	14,304
100	62415	UTILITY EXPENSE STORMWATR	—	1,234	—	1,338
250	62415	UTILITY EXPENSE STORMWATR	963	1,543	1,050	1,674
670	62415	UTILITY EXPENSE STORMWATR	—	109	—	118
810	62415	UTILITY EXPENSE STORMWATR	—	207	—	224
940	62415	UTILITY EXPENSE STORMWATR	6,800	6,822	7,264	7,399
100	62419	UTILITY EXP-ELEC ST LTNG	32,674	30,184	34,280	30,921
250	62419	UTILITY EXP-ELEC ST LTNG	815,124	743,646	835,020	760,221
100	62421	TELEPHONE	5,933	6,794	6,804	6,795
250	62421	TELEPHONE	2,468	2,453	2,467	2,453
610	62421	TELEPHONE	172	159	172	159
670	62421	TELEPHONE	1,783	1,867	1,783	1,867

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
810	62421	TELEPHONE	1,648	2,284	1,648	2,284
940	62421	TELEPHONE	2,519	4,184	2,519	3,470
100	62424	RADIO/PAGER FEE	2,842	2,174	3,172	2,304
250	62424	RADIO/PAGER FEE	12,816	10,120	14,360	10,727
610	62424	RADIO/PAGER FEE	1,895	1,449	2,128	1,536
620	62424	RADIO/PAGER FEE	947	725	1,064	768
670	62424	RADIO/PAGER FEE	5,368	4,107	5,691	4,353
810	62424	RADIO/PAGER FEE	947	725	1,064	768
940	62424	RADIO/PAGER FEE	4,132	3,114	4,643	3,300
100	62431	PROPERTY MAINTENANCE	11,497	1,524	5,000	3,595
250	62431	PROPERTY MAINTENANCE	31,595	38,654	74,405	38,653
670	62431	PROPERTY MAINTENANCE	5,428	6,459	13,266	6,459
810	62431	PROPERTY MAINTENANCE	18,650	25,597	25,206	25,597
940	62431	PROPERTY MAINTENANCE	74,747	147,137	83,974	99,980
250	62434	HVAC MAINTENANCE	11,608	9,505	11,608	9,505
670	62434	HVAC MAINTENANCE	1,449	1,519	1,449	1,519
810	62434	HVAC MAINTENANCE	2,079	2,887	2,079	2,887
940	62434	HVAC MAINTENANCE	508	—	508	—
250	62435	ELEVATOR MAINTENANCE	856	856	856	856
670	62435	ELEVATOR MAINTENANCE	162	162	162	162
810	62435	ELEVATOR MAINTENANCE	238	307	238	307
100	62436	RENTAL OF SPACE	660	660	660	660
940	62436	RENTAL OF SPACE	—	3,877	1,950	3,877
100	62437	BARRICADE RENTAL	505	—	450	—
250	62437	BARRICADE RENTAL	6,332	—	6,332	6,332
610	62437	BARRICADE RENTAL	520	—	520	—
250	62438	FIRE SUPPRESSION	2,892	1,634	2,892	1,634
670	62438	FIRE SUPPRESSION	546	241	546	241
810	62438	FIRE SUPPRESSION	1,037	459	1,037	459
100	62511	FUEL, MOTOR VEHICLE	12,079	9,390	11,082	12,190
250	62511	FUEL, MOTOR VEHICLE	118,303	130,090	113,561	124,917
610	62511	FUEL, MOTOR VEHICLE	13,564	11,793	9,010	9,911
620	62511	FUEL, MOTOR VEHICLE	3,938	3,167	14,948	16,443
670	62511	FUEL, MOTOR VEHICLE	107,998	105,359	85,590	89,869
810	62511	FUEL, MOTOR VEHICLE	2,865	2,102	3,227	3,550
940	62511	FUEL, MOTOR VEHICLE	2,239	2,438	2,215	2,436
100	62512	FUEL, OFF ROAD VEHICLE	601	—	601	—
810	62512	FUEL, OFF ROAD VEHICLE	371	352	371	352
940	62512	FUEL, OFF ROAD VEHICLE	116,738	106,587	116,738	106,587
100	62521	MOTOR VEHICLE MAINT.	16,008	18,075	16,605	15,710
250	62521	MOTOR VEHICLE MAINT.	106,222	123,545	110,008	126,016
610	62521	MOTOR VEHICLE MAINT.	33,094	21,959	34,430	22,399
620	62521	MOTOR VEHICLE MAINT.	7,497	4,339	7,800	4,426
670	62521	MOTOR VEHICLE MAINT.	205,855	237,069	209,972	241,811
810	62521	MOTOR VEHICLE MAINT.	4,387	5,408	4,565	5,516

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
940	62521	MOTOR VEHICLE MAINT.	5,981	2,595	6,101	2,647
250	62522	VEHICLE MAINT., ACCIDENT	1,816	4,031	—	1,949
670	62522	VEHICLE MAINT., ACCIDENT	—	17,054	—	5,688
100	62528	MOTOR VEH. MAINT. OUTSOUR	10,773	6,881	6,086	6,086
250	62528	MOTOR VEH. MAINT. OUTSOUR	52,237	42,756	42,275	42,275
610	62528	MOTOR VEH. MAINT. OUTSOUR	11,717	3,784	1,909	1,909
620	62528	MOTOR VEH. MAINT. OUTSOUR	2,073	1,164	922	922
670	62528	MOTOR VEH. MAINT. OUTSOUR	110,199	57,408	53,979	53,979
810	62528	MOTOR VEH. MAINT. OUTSOUR	380	1,366	279	279
940	62528	MOTOR VEH. MAINT. OUTSOUR	9,107	7,127	6,035	6,035
620	62608	MAINSTREAM VOUCHERS HAP	—	74	—	—
100	62611	MACH/EQUIP MAINTENANCE	35,269	6,069	25,756	17,684
250	62611	MACH/EQUIP MAINTENANCE	399,252	513,049	399,252	513,049
610	62611	MACH/EQUIP MAINTENANCE	2,696	3,428	2,696	3,428
620	62611	MACH/EQUIP MAINTENANCE	3,905	1,104	3,905	1,104
810	62611	MACH/EQUIP MAINTENANCE	20,879	43,838	20,879	43,838
940	62611	MACH/EQUIP MAINTENANCE	197,137	168,832	197,137	168,832
100	62614	EQUIP MAINT CONTRACT	3,343	4,168	3,343	4,168
250	62614	EQUIP MAINT CONTRACT	10,956	13,287	10,956	13,288
610	62614	EQUIP MAINT CONTRACT	590	1,172	590	1,172
620	62614	EQUIP MAINT CONTRACT	295	586	295	586
670	62614	EQUIP MAINT CONTRACT	1,888	3,745	1,887	3,745
680	62614	EQUIP MAINT CONTRACT	940	1,634	940	1,634
810	62614	EQUIP MAINT CONTRACT	403	1,279	403	1,279
940	62614	EQUIP MAINT CONTRACT	7,674	9,278	7,674	9,278
100	62615	MACH/EQUIP MAINT. OUTSOUR	17,053	17,887	17,053	17,887
250	62615	MACH/EQUIP MAINT. OUTSOUR	30,679	53,938	30,679	27,490
610	62615	MACH/EQUIP MAINT. OUTSOUR	8,784	7,431	8,784	7,431
620	62615	MACH/EQUIP MAINT. OUTSOUR	4,096	40	3,738	40
810	62615	MACH/EQUIP MAINT. OUTSOUR	601	686	601	686
940	62615	MACH/EQUIP MAINT. OUTSOUR	42,523	28,194	42,523	35,253
100	62616	TRAFFIC & ST LT COMPONENT	43,251	46,075	43,251	46,075
250	62616	TRAFFIC & ST LT COMPONENT	14	—	14	—
100	62617	TRAFFIC CONTROLLER REPAIR	—	357	1,128	357
250	62618	ASPHALT	667,543	780,225	706,307	1,110,685
610	62618	ASPHALT	6,301	8,917	6,301	8,917
620	62618	ASPHALT	6,400	2,124	6,400	2,124
940	62618	ASPHALT	2,224	—	2,224	—
100	62619	CONCRETE	—	2,633	1,108	2,633
250	62619	CONCRETE	152,187	113,258	125,774	125,715
610	62619	CONCRETE	15,070	8,463	15,070	8,463
620	62619	CONCRETE	11,662	14,437	11,662	14,437
940	62619	CONCRETE	—	2,330	7,010	2,330
100	62620	STONE	1,091	—	1,238	—
250	62620	STONE	21,912	34,557	23,664	34,557



## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
610	62620	STONE	1,471	96	1,471	96
620	62620	STONE	933	607	933	607
670	62620	STONE	—	28	—	28
940	62620	STONE	81,227	45,447	81,227	45,447
100	62627	CAMERA MAINTENANCE	960	—	912	—
250	62627	CAMERA MAINTENANCE	144	144	144	144
940	62627	CAMERA MAINTENANCE	2,567	—	2,567	2,567
250	62636	DE-ICING PRODUCTS	3,508	4,404	11,164	4,404
940	62636	DE-ICING PRODUCTS	2,967	2,070	2,967	2,070
100	62637	LANDSCAPE/FERT/PLANTS	10,294	1,267	10,294	10,655
250	62640	SALT	470,947	262,670	339,103	384,750
680	62640	SALT	248,305	103,272	88,755	96,750
940	62649	BEVERAGE/ICE	781	632	781	632
100	62663	SOFTWARE LICENSE EXP	13,764	10,135	13,763	16,175
250	62663	SOFTWARE LICENSE EXP	22,166	31,029	22,166	31,029
610	62663	SOFTWARE LICENSE EXP	24,090	24,898	24,170	24,898
670	62663	SOFTWARE LICENSE EXP	9,054	9,137	9,180	18,918
810	62663	SOFTWARE LICENSE EXP	11,468	9,307	8,335	9,307
940	62663	SOFTWARE LICENSE EXP	19,284	26,946	5,410	10,642
810	62664	LICENSE/PERMIT FEES	435	675	435	675
940	62664	LICENSE/PERMIT FEES	670	34	700	284
670	62666	CREDIT CARD CHARGE	—	96	—	96
940	62666	CREDIT CARD CHARGE	24,123	30,212	24,123	30,212
100	62667	DATA SERVICES	755	1,182	995	1,182
250	62667	DATA SERVICES	365	350	365	—
610	62667	DATA SERVICES	486	469	486	469
620	62667	DATA SERVICES	162	163	162	163
670	62667	DATA SERVICES	285	293	285	292
810	62667	DATA SERVICES	162	146	175	146
940	62667	DATA SERVICES	690	642	1,380	642
810	62669	PROGRAMMING	1,847	1,847	1,847	1,847
670	62674	BRUSH TIES	17	487	17	487
610	62680	MANHOLE COMPONENTS	57,301	72,910	57,301	92,910
100	62685	SIGN SUPPLIES	39,927	38,498	39,927	38,498
940	62685	SIGN SUPPLIES	2,393	—	2,393	—
250	62686	CRACKSEAL MATERIALS	29,957	33,861	29,957	33,861
250	62687	TAC OIL	7,158	6,771	5,129	6,771
250	62692	LANDFILL FEES	65,043	51,071	63,747	51,071
670	62692	LANDFILL FEES	486,249	541,025	513,359	532,816
100	62696	OUTSIDE COLLECTOR EXPENSE	47	233	47	233
670	62696	OUTSIDE COLLECTOR EXPENSE	1,741	383	892	383
940	62699	CASH SHORT AND OVER	(1,018)	192	—	—
100	62706	SNOW - PLOWING	19,950	33,837	18,408	26,894
100	62710	CONTRACTOR SERVICES	33,073	9,341	33,073	25,094
250	62710	CONTRACTOR SERVICES	10,685	26,580	9,448	23,537

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
610	62710	CONTRACTOR SERVICES	12,059	—	12,059	—
670	62710	CONTRACTOR SERVICES	—	368	—	368
810	62710	CONTRACTOR SERVICES	1,190	1,183	1,190	1,183
940	62710	CONTRACTOR SERVICES	6,770	22,473	6,770	22,474
100	62712	CONSULTING ENGINEERS	3,360	900	3,360	26,900
610	62712	CONSULTING ENGINEERS	900	—	900	—
670	62712	CONSULTING ENGINEERS	—	—	—	25,000
940	62712	CONSULTING ENGINEERS	213,548	416,133	213,548	240,750
940	62713	LEGAL SERVICES	2,340	—	—	—
250	62715	FORECASTING SERVICE	6,890	5,340	6,890	5,340
940	62716	CONSULTANT SERVICES	10,120	9,326	10,120	9,326
400	62721	FINANCIAL CONSULTANT	—	733	—	—
940	62721	FINANCIAL CONSULTANT	450	15,450	7,500	7,950
940	62726	AUDIT SERVICES	5,200	5,800	4,180	5,974
940	62727	FINANCIAL SERVICE FEES	1,139	959	3,139	959
400	62731	MISCELLANEOUS SERVICES	—	1,078	—	—
940	62731	MISCELLANEOUS SERVICES	2,000	—	—	—
100	62732	TEMP HELP/CONTRACT SERV.	—	9,865	—	—
940	62732	TEMP HELP/CONTRACT SERV.	27,190	28,351	5,000	15,000
940	62737	CONTRACT ADM SERVICE	86,393	99,445	126,808	140,111
100	62746	ONE CALL OPERATION	6,722	7,758	5,028	7,758
100	62747	MACH/EQUIPMENT RENTAL	3,092	3,079	1,762	1,762
250	62747	MACH/EQUIPMENT RENTAL	6,204	4,230	10,000	10,000
610	62747	MACH/EQUIPMENT RENTAL	1,710	—	—	—
940	62747	MACH/EQUIPMENT RENTAL	790	401	27,100	27,100
670	62748	APPLIANCE RECYCLING	—	—	1,500	1,500
940	62748	APPLIANCE RECYCLING	12,537	10,260	13,500	13,500
670	62750	TIRE RECYCLING	571	568	610	610
940	62750	TIRE RECYCLING	53,353	80,305	82,500	82,500
670	62761	PAY TO OTHER AGENCY	91,427	36,909	93,255	36,908
940	62761	PAY TO OTHER AGENCY	204,711	231,455	377,462	377,462
940	62763	PAYMENT TO IOWA DNR	343,685	315,982	304,500	304,500
940	62767	ENVIRON. TESTING/MON.	29,827	25,059	26,631	28,131
940	62770	GRIND/COMPOST SERVICE	64,757	90,140	92,605	91,000
940	62778	SERVICES - OTHER DEPTS	1,695	2,888	—	—
250	62780	HAULING SERVICES	—	—	50,000	50,000
940	62780	HAULING SERVICES	24,668	38,471	3,027	3,027
100	62781	LAWN CARE SERVICES	18,968	22,407	19,679	19,679
250	62782	HANDLING FEES	20,236	26,878	34,615	35,112
680	62782	HANDLING FEES	50,653	9,305	9,060	9,240
940	62784	ASPHALT SHINGLE RECYCLING	—	—	13,129	—
100	62811	ENG. DIVISION SERVICES	—	—	32,548	32,548
100	62833	SERVICE FROM WPC	—	—	2,000	2,000
<b>62 - SUPPLIES AND SERVICES</b>			<b>7,667,239</b>	<b>7,588,323</b>	<b>7,843,583</b>	<b>8,414,684</b>
940	62724	BOND PAYING AGENT FEE	—	2,450	—	2,450

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
<b>627 - CONTRACTUAL SERVICES</b>			—	2,450	—	2,450
810	63210	STORES-GARAGE	776,350	686,788	803,700	936,357
100	63311	ADMIN. OVERHEAD	54,098	62,414	61,950	65,314
250	63311	ADMIN. OVERHEAD	223,771	258,167	256,245	270,165
610	63311	ADMIN. OVERHEAD	29,508	34,044	33,791	35,626
620	63311	ADMIN. OVERHEAD	14,754	17,022	16,895	17,813
670	63311	ADMIN. OVERHEAD	68,852	79,436	78,845	83,127
680	63311	ADMIN. OVERHEAD	4,918	5,674	5,632	5,938
810	63311	ADMIN. OVERHEAD	24,590	28,370	28,159	29,688
940	63311	ADMIN. OVERHEAD	71,313	82,273	81,658	86,097
100	63312	LESS ADMIN. RECHARGES	(491,804)	(567,400)	(563,175)	(563,768)
<b>63 - ADMIN/OVERHEAD/STORES GAR</b>			<b>776,350</b>	<b>686,788</b>	<b>803,700</b>	<b>966,357</b>
100	71117	TIME CLOCK	—	200	—	—
100	71120	PERIPHERALS, COMPUTER	10	—	1,820	—
670	71120	PERIPHERALS, COMPUTER	878	—	—	—
610	71122	PRINTER	—	—	—	250
940	71122	PRINTER	342	—	600	—
940	71123	SOFTWARE	3,250	—	—	—
100	71124	COMPUTER	—	—	—	4,500
940	71125	SERVERS	—	26,344	—	—
100	71211	DESKS/CHAIRS	928	—	—	—
940	71211	DESKS/CHAIRS	211	587	—	—
670	71221	CARTS	67,841	52,107	96,240	692,134
100	71226	ACCOUSTICAL COVER	—	—	3,185	—
250	71314	TRUCK-REPLACEMENT	59,765	—	175,000	—
610	71314	TRUCK-REPLACEMENT	—	—	57,760	—
620	71314	TRUCK-REPLACEMENT	45,498	—	—	—
670	71314	TRUCK-REPLACEMENT	80,487	—	—	—
810	71314	TRUCK-REPLACEMENT	—	—	25,500	—
940	71314	TRUCK-REPLACEMENT	—	—	40,000	—
250	71318	HEAVY EQUIP-REPLACEMENT	73,825	—	56,000	56,000
940	71318	HEAVY EQUIP-REPLACEMENT	—	59,730	77,842	23,416
250	71320	HEAVY EQUIP-ADDITIONAL	—	—	—	30,000
250	71323	ASPHALT ROLLER	—	—	—	40,000
100	71328	TRAILERS	—	7,000	—	—
250	71328	TRAILERS	—	20,990	27,000	—
250	71329	VEHICLE ACCESSORIES	—	—	—	19,000
610	71329	VEHICLE ACCESSORIES	—	—	—	3,500
670	71329	VEHICLE ACCESSORIES	—	—	—	9,000
100	71410	SHOP EQUIPMENT	1,856	1,419	2,000	4,000
810	71410	SHOP EQUIPMENT	6,678	5,011	5,000	5,000
940	71410	SHOP EQUIPMENT	686	—	2,000	2,000
100	71411	TRAFFIC CONTROL EQUIPMENT	17,352	47	12,000	16,100
100	71414	AIR HAMMER/DRILL	—	3,834	—	—
250	71414	AIR HAMMER/DRILL	—	—	—	2,000

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
100	71415	SAWS	180	—	—	—
250	71415	SAWS	1,203	—	—	23,000
620	71415	SAWS	—	—	—	1,000
250	71416	PLOWS	—	—	10,000	—
250	71420	EARTH COMPACTOR	—	—	—	12,500
620	71420	EARTH COMPACTOR	—	—	—	11,000
250	71425	CURB FORMS	—	—	—	2,000
610	71511	PUMPS	—	—	20,000	—
250	71512	COMPRESSORS	—	—	—	17,000
940	71520	HVAC	374	—	—	—
940	71530	SCALE	3,465	—	—	—
100	71550	MISCELLANEOUS EQUIPMENT	6,616	—	—	—
250	71550	MISCELLANEOUS EQUIPMENT	—	—	—	19,500
940	71550	MISCELLANEOUS EQUIPMENT	—	5,491	—	—
100	71611	MOWING EQUIPMENT	—	300	550	—
250	71611	MOWING EQUIPMENT	120	—	—	8,600
100	71612	WEED WHIPS/SICKLE BAR	—	—	—	250
250	71612	WEED WHIPS/SICKLE BAR	—	290	600	250
100	71615	LEAF BLOWER	—	500	—	—
250	71615	LEAF BLOWER	—	—	350	600
250	71616	SNOW BLOWER	—	—	—	1,200
100	71619	OTHER MAINT. EQUIPMENT	—	—	4,000	—
250	71619	OTHER MAINT. EQUIPMENT	174,712	8,616	—	—
610	71619	OTHER MAINT. EQUIPMENT	3,095	—	5,000	1,500
670	71619	OTHER MAINT. EQUIPMENT	—	—	5,000	—
940	71619	OTHER MAINT. EQUIPMENT	—	—	—	59,547
610	72111	GAS SAFETY MONITOR	859	1,019	1,500	1,500
610	72114	CONFINED SPACE EQUIPMENT	—	—	2,000	2,000
940	72217	CARD READERS	—	—	700	700
250	72414	TELEVISION	—	—	1,000	1,000
670	72415	ELECTRONIC DATA COLLECTOR	—	—	8,268	—
680	72417	CAMERA RELATED EQUIPMENT	1,101	—	—	—
940	72417	CAMERA RELATED EQUIPMENT	1,099	500	—	—
100	72418	TELEPHONE RELATED	149	100	—	—
610	72418	TELEPHONE RELATED	—	—	5,300	—
670	72418	TELEPHONE RELATED	13	—	350	—
810	72418	TELEPHONE RELATED	—	170	—	—
940	72418	TELEPHONE RELATED	225	220	900	—
100	72515	TEST EQUIPMENT, OTHER	—	—	12,400	—
610	72816	JET FLUSHER HOSE	3,500	3,703	6,000	5,250
670	72818	RECYCLING CONTAINER	11,435	18,084	11,814	18,084
<b>71 - EQUIPMENT</b>			<b>567,752</b>	<b>216,261</b>	<b>677,679</b>	<b>1,093,381</b>
250	72115	BARRICADES/WARN SIGNALS	—	4,335	3,400	3,400
<b>72 - EQUIPMENT</b>			<b>—</b>	<b>4,335</b>	<b>3,400</b>	<b>3,400</b>
400	74111	PRINCIPAL PAYMENT	103,957	525,196	109,930	66,830

## Recommended Operating Expenditure Budget - Department Total

### 54 - PUBLIC WORKS

Fund	Account	Account Title	FY20 Actual Expense	FY21 Actual Expense	FY22 Adopted Budget	FY 23 Recomm'd Budget
670	74111	PRINCIPAL PAYMENT	5,222	5,351	5,780	6,038
940	74111	PRINCIPAL PAYMENT	410,000	425,000	435,000	450,000
400	74112	INTEREST PAYMENT	30,459	27,558	24,695	16,820
670	74112	INTEREST PAYMENT	2,064	1,925	2,704	2,866
940	74112	INTEREST PAYMENT	251,109	238,359	225,609	210,459
<b>74 - DEBT SERVICE</b>			<b>802,811</b>	<b>1,223,389</b>	<b>803,718</b>	<b>753,013</b>
670	91100	TO GENERAL	1,055,920	1,191,482	1,219,202	1,305,346
940	91100	TO GENERAL	387,593	420,846	440,255	477,980
<b>91 - TRANSFER TO</b>			<b>1,443,513</b>	<b>1,612,328</b>	<b>1,659,457</b>	<b>1,783,326</b>
<b>54 - PUBLIC WORKS TOTAL</b>			<b>18,606,695</b>	<b>18,852,703</b>	<b>20,174,261</b>	<b>21,768,938</b>

## Recommended Expenditure Budget Report by Activity & Funding Source

### 54 - PUBLIC WORKS

#### ADMINISTRATION - 54100

##### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	(567,400)	(563,175)	(563,768)
DEBT SERVICE	7,276	8,484	8,904
EQUIPMENT	260	3,185	4,500
SUPPLIES AND SERVICES	42,844	57,374	83,810
TRANSFER TO	1,191,482	1,219,202	1,305,346
WAGES AND BENEFITS	512,970	505,801	569,213
<b>ADMINISTRATION</b>	<b>1,187,432</b>	<b>1,230,871</b>	<b>1,408,005</b>
<b>PARKS ASSISTANCE</b>	<b>- 54150</b>		

##### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
WAGES AND BENEFITS	474	—	0
<b>PARKS ASSISTANCE</b>	<b>474</b>	<b>—</b>	<b>0</b>
<b>LANDFILL</b>	<b>- 54200</b>		

##### FUNDING SOURCE: DMASWA-GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	45,392	45,054	47,501
CONTRACTUAL SERVICES	2,450	—	2,450
DEBT SERVICE	663,359	660,609	660,459
EQUIPMENT	92,872	122,042	85,663
SUPPLIES AND SERVICES	1,642,827	1,548,641	1,576,121
TRANSFER TO	420,846	440,255	477,980
WAGES AND BENEFITS	859,417	872,028	903,975
<b>LANDFILL</b>	<b>3,727,163</b>	<b>3,688,629</b>	<b>3,754,149</b>
<b>COMPOSTING LANDFILL</b>	<b>- 54210</b>		

##### FUNDING SOURCE: DMASWA-GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	5,674	5,631	5,938
SUPPLIES AND SERVICES	95,517	100,388	111,399
WAGES AND BENEFITS	15,035	45,836	47,452
<b>COMPOSTING LANDFILL</b>	<b>116,226</b>	<b>151,855</b>	<b>164,789</b>
<b>HOUSEHOLD HAZ. MAT. R.C.C-</b>	<b>54220</b>		

## Recommended Expenditure Budget Report by Activity & Funding Source

### 54 - PUBLIC WORKS

#### FUNDING SOURCE: DMASWA-GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	5,674	5,631	5,938
EQUIPMENT	—	—	0
SUPPLIES AND SERVICES	95,760	113,629	117,780
WAGES AND BENEFITS	53,955	88,995	103,158
<b>HOUSEHOLD HAZ. MAT. R.C.C</b>	<b>155,389</b>	<b>208,255</b>	<b>226,876</b>
<b>DMASWA EDUCATION &amp; COMM. - 54230</b>			

#### FUNDING SOURCE: DMASWA-GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	5,674	5,631	5,938
EQUIPMENT	—	—	0
SUPPLIES AND SERVICES	169,725	201,241	170,820
WAGES AND BENEFITS	1,904	15,693	16,335
<b>DMASWA EDUCATION &amp; COMM.</b>	<b>177,303</b>	<b>222,565</b>	<b>193,093</b>
<b>E-WASTE</b>		<b>- 54240</b>	

#### FUNDING SOURCE: DMASWA-GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	5,674	5,631	5,938
SUPPLIES AND SERVICES	56,172	77,919	78,700
WAGES AND BENEFITS	21,770	62,685	77,039
<b>E-WASTE</b>	<b>83,616</b>	<b>146,235</b>	<b>161,677</b>
<b>RURAL RECYCLING</b>		<b>- 54250</b>	

#### FUNDING SOURCE: DMASWA-GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	2,837	2,816	2,969
SUPPLIES AND SERVICES	208,665	262,729	206,893
WAGES AND BENEFITS	3,557	22,272	23,786
<b>RURAL RECYCLING</b>	<b>215,059</b>	<b>287,817</b>	<b>233,648</b>
<b>LANDFILL GAS SYSTEM</b>		<b>- 54260</b>	

#### FUNDING SOURCE: DMASWA-GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
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## Recommended Expenditure Budget Report by Activity & Funding Source

### 54 - PUBLIC WORKS

ADMIN/OVERHEAD/STORES			
GAR	11,348	11,264	11,875
SUPPLIES AND SERVICES	42,288	38,373	41,008
WAGES AND BENEFITS	21,345	36,525	38,707
<b>LANDFILL GAS SYSTEM</b>	<b>74,980</b>	<b>86,162</b>	<b>91,590</b>
<b>SAN- SEWER MNTNCE</b>	<b>- 54300</b>		

#### FUNDING SOURCE: SEWAGE FACILITY OPERATION

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	34,044	33,791	35,626
EQUIPMENT	4,722	97,560	14,000
SUPPLIES AND SERVICES	193,538	223,699	221,907
WAGES AND BENEFITS	400,821	427,477	442,583
<b>SAN- SEWER MNTNCE</b>	<b>633,125</b>	<b>782,527</b>	<b>714,116</b>
<b>STORM SEWER MAINT</b>	<b>- 54310</b>		

#### FUNDING SOURCE: STORM WATER OPERATION

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	17,022	16,895	17,813
EQUIPMENT	—	—	12,000
SUPPLIES AND SERVICES	53,920	73,831	71,534
WAGES AND BENEFITS	142,084	179,454	184,960
<b>STORM SEWER MAINT</b>	<b>213,027</b>	<b>270,180</b>	<b>286,307</b>
<b>RIVERFRONT MANAGEMNT.</b>	<b>- 54330</b>		

#### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	5,674	5,632	5,938
EQUIPMENT	800	1,050	1,000
SUPPLIES AND SERVICES	19,446	32,424	28,433
WAGES AND BENEFITS	27,182	15,949	20,386
<b>RIVERFRONT MANAGEMNT.</b>	<b>53,102</b>	<b>55,055</b>	<b>55,757</b>
<b>FLOODWALL OPER./MAINT.</b>	<b>- 54340</b>		

#### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	17,022	16,895	17,813
SUPPLIES AND SERVICES	68,813	139,511	136,241



## Recommended Expenditure Budget Report by Activity & Funding Source

### 54 - PUBLIC WORKS

WAGES AND BENEFITS	12,763	52,687	53,480
FLOODWALL OPER./MAINT.	98,598	209,093	207,534
<b>STREET MAINTENANCE</b>	<b>- 54400</b>		

#### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	113,480	112,635	118,754
EQUIPMENT	33,981	255,220	223,400
SUPPLIES AND SERVICES	1,528,688	1,461,773	1,890,857
WAGES AND BENEFITS	1,421,331	1,614,776	1,598,037
<b>STREET MAINTENANCE</b>	<b>3,097,479</b>	<b>3,444,404</b>	<b>3,831,048</b>
<b>SUBDIVISION INSPECTION</b>	<b>- 54406</b>		

#### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
WAGES AND BENEFITS	607	—	0
<b>SUBDIVISION INSPECTION</b>	<b>607</b>	<b>—</b>	<b>0</b>
<b>STREET CLEANING</b>	<b>- 54410</b>		

#### FUNDING SOURCE: ROAD USE TAX

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	34,044	33,791	35,626
EQUIPMENT	290	9,950	11,450
SUPPLIES AND SERVICES	277,972	307,803	314,797
WAGES AND BENEFITS	273,225	367,518	367,557
<b>STREET CLEANING</b>	<b>585,530</b>	<b>719,062</b>	<b>729,430</b>
<b>SNOW &amp; ICE CONTROL</b>	<b>- 54420</b>		

#### FUNDING SOURCE: ROAD USE TAX

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	110,643	109,819	115,785
EQUIPMENT	—	10,000	1,200
SUPPLIES AND SERVICES	745,927	758,748	936,980
WAGES AND BENEFITS	624,837	695,151	751,433
<b>SNOW &amp; ICE CONTROL</b>	<b>1,481,407</b>	<b>1,573,718</b>	<b>1,805,398</b>
<b>SALT OPS - PURINA DRIVE</b>	<b>- 54425</b>		

#### FUNDING SOURCE: SALT OPERATIONS

## Recommended Expenditure Budget Report by Activity & Funding Source

### 54 - PUBLIC WORKS

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	5,674	5,632	5,938
EQUIPMENT	—	—	0
SUPPLIES AND SERVICES	114,211	98,755	107,624
<b>SALT OPS - PURINA DRIVE</b>	<b>119,885</b>	<b>104,387</b>	<b>113,562</b>
<b>ST. &amp; TRAFFIC LTNG</b>	<b>- 54430</b>		

#### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	11,348	11,264	11,875
EQUIPMENT	8,217	25,400	18,600
SUPPLIES AND SERVICES	824,053	916,266	846,344
WAGES AND BENEFITS	225,952	286,180	295,121
<b>ST. &amp; TRAFFIC LTNG</b>	<b>1,069,570</b>	<b>1,239,110</b>	<b>1,171,940</b>
<b>ST. PARKING METERS</b>	<b>- 54433</b>		

#### FUNDING SOURCE: PARKING OPERATION

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
WAGES AND BENEFITS	3,119	—	0
<b>ST. PARKING METERS</b>	<b>3,119</b>	<b>—</b>	<b>0</b>
<b>ST. SIGNS &amp; MARKINGS</b>	<b>- 54435</b>		

#### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES			
GAR	11,348	11,264	11,875
EQUIPMENT	4,083	4,500	750
SUPPLIES AND SERVICES	56,892	66,648	68,352
WAGES AND BENEFITS	96,054	121,673	108,719
<b>ST. SIGNS &amp; MARKINGS</b>	<b>168,376</b>	<b>204,085</b>	<b>189,696</b>
<b>ONE CALL LOCATION SERVICE-</b>	<b>54440</b>		

#### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
SUPPLIES AND SERVICES	7,758	26,576	29,306
<b>ONE CALL LOCATION SERVICE</b>	<b>7,758</b>	<b>26,576</b>	<b>29,306</b>

## Recommended Expenditure Budget Report by Activity & Funding Source

### 54 - PUBLIC WORKS

#### PORT OF DUB. MAINTENANCE - 54450

##### FUNDING SOURCE: GENERAL

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	17,022	16,895	17,813
SUPPLIES AND SERVICES	81,794	88,004	88,971
WAGES AND BENEFITS	76,717	78,670	140,312
<b>PORT OF DUB. MAINTENANCE</b>	<b>175,533</b>	<b>183,569</b>	<b>247,096</b>
<b>DEBT SERVICE</b>		<b>- 54490</b>	

##### FUNDING SOURCE: DEBT SERVICE

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
DEBT SERVICE	552,754	134,625	83,650
SUPPLIES AND SERVICES	1,810	—	0
<b>DEBT SERVICE</b>	<b>554,565</b>	<b>134,625</b>	<b>83,650</b>
<b>REFUSE COLLECTION</b>		<b>- 54500</b>	

##### FUNDING SOURCE: REFUSE COLLECTION

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	28,370	28,159	29,688
EQUIPMENT	33,997	83,618	661,698
SUPPLIES AND SERVICES	738,207	720,590	764,285
WAGES AND BENEFITS	924,950	993,275	1,042,589
<b>REFUSE COLLECTION</b>	<b>1,725,524</b>	<b>1,825,642</b>	<b>2,498,260</b>
<b>YARD WASTE COLLECTION</b>		<b>- 54510</b>	

##### FUNDING SOURCE: REFUSE COLLECTION

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	11,348	11,264	11,875
EQUIPMENT	2,107	3,240	9,276
SUPPLIES AND SERVICES	71,488	76,780	79,629
WAGES AND BENEFITS	147,652	143,802	159,612
<b>YARD WASTE COLLECTION</b>	<b>232,595</b>	<b>235,086</b>	<b>260,392</b>
<b>LARGE ITEM COLLECTION</b>		<b>- 54520</b>	

##### FUNDING SOURCE: REFUSE COLLECTION

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
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## Recommended Expenditure Budget Report by Activity & Funding Source

### 54 - PUBLIC WORKS

ADMIN/OVERHEAD/STORES GAR	17,022	16,895	17,813
SUPPLIES AND SERVICES	47,484	24,463	44,553
WAGES AND BENEFITS	10,466	16,716	15,991
<b>LARGE ITEM COLLECTION</b>	<b>74,972</b>	<b>58,074</b>	<b>78,357</b>
<b>RECYCLING COLL. PROG. - 54530</b>			

#### FUNDING SOURCE: REFUSE COLLECTION

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	22,696	22,527	23,751
EQUIPMENT	34,087	34,814	48,244
SUPPLIES AND SERVICES	245,840	271,425	240,007
WAGES AND BENEFITS	675,487	677,438	685,656
<b>RECYCLING COLL. PROG.</b>	<b>978,110</b>	<b>1,006,204</b>	<b>997,658</b>
<b>PUBLIC WORKS GARAGE - 54600</b>			

#### FUNDING SOURCE: GARAGE SERVICE

Account	FY21 Actual Expense	FY22 Adopted Budget	FY23 Recomm'd Budget
ADMIN/OVERHEAD/STORES GAR	715,158	831,859	966,045
EQUIPMENT	5,181	30,500	5,000
SUPPLIES AND SERVICES	156,687	155,993	158,333
WAGES AND BENEFITS	965,156	1,062,123	1,106,225
<b>PUBLIC WORKS GARAGE</b>	<b>\$1,842,182</b>	<b>\$2,080,475</b>	<b>\$2,235,603</b>
<b>PUBLIC WORKS TOTAL</b>	<b>\$18,852,703</b>	<b>\$20,174,261</b>	<b>\$21,768,938</b>

CITY OF DUBUQUE, IOWA  
DEPARTMENT DETAIL - PERSONNEL COMPLEMENT  
54 PUBLIC WORKS DEPARTMENT

FD	JC	WP-GR	JOB CLASS	FY 2021		FY 2022		FY 2023	
				FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
61010 Full Time Employee Expense									
100	3325	GE-41	PUBLIC WORKS DIRECTOR	1.00	\$ 121,305	1.00	\$ 123,103	1.00	\$ 127,093
100	1490	GE-38	ASST PUBLIC WORKS DIRECTOR	1.00	\$ 82,809	1.00	\$ 88,727	1.00	\$ 97,669
100	3100	GE-37	STREET MAINTENANCE SUPERVISOR	—	\$ —	—	\$ —	—	\$ —
810	3225	GE-35	EQUIP MAINT. SUPERVISOR	1.00	\$ 75,299	1.00	\$ 80,601	1.00	\$ 87,654
670	6100	GE-35	RESOURCE MANAGEMENT COORD.	1.00	\$ 83,666	1.00	\$ 85,640	1.00	\$ 70,824
940	2625	GE-36	DMASWA ADMINISTRATOR	1.00	\$ 73,269	1.00	\$ 78,456	1.00	\$ 85,034
940	2625	GE-35	LANDFILL SUPERVISOR	1.00	\$ 84,504	1.00	\$ 86,101	1.00	\$ 89,409
100	2925	GD-12	TRAFFIC SIGNAL TECHNICIAN II	2.88	\$ 187,211	2.88	\$ 193,444	2.88	\$ 201,776
250	2925	GD-12	TRAFFIC SIGNAL TECH II	0.12	\$ 8,085	0.12	\$ 8,059	0.12	\$ 8,408
100		GE-28	LEAD ADMINISTRATIVE ASSISTANT	—	\$ —	—	\$ —	1.00	\$ 60,904
100	225	GE-25	SECRETARY	2.00	\$ 90,279	2.00	\$ 94,112	2.00	\$ 99,712
100	2655	GD-11	FOREMAN	0.08	\$ 4,887	0.08	\$ 5,073	0.08	\$ 5,224
250	2655	GD-11	FOREMAN	4.18	\$ 257,796	4.18	\$ 262,992	4.18	\$ 270,568
610	2655	GD-11	FOREMAN	0.92	\$ 54,841	0.92	\$ 56,451	0.92	\$ 60,208
620	2655	GD-11	FOREMAN	0.82	\$ 49,473	0.82	\$ 52,156	0.82	\$ 54,122
820	2655	GD-11	FOREMAN	—	\$ —	—	\$ —	—	\$ —
940	2655	GD-11	FOREMAN	1.00	\$ 60,488	1.00	\$ 61,903	1.00	\$ 64,176
100		GE-35	FIELD SUPERVISOR	0.10	\$ 7,097	0.10	\$ 7,202	0.10	\$ 7,436
250		GE-35	FIELD SUPERVISOR	0.90	\$ 63,872	0.90	\$ 64,818	0.90	\$ 82,833
620		GE-35	FIELD SUPERVISOR	—	\$ —	—	\$ —	—	\$ —
670	2655	GD-11	LEAD SANITATION DRIVER	1.00	\$ 63,514	1.00	\$ 64,610	1.00	\$ 66,716
810	7250	GD-11	LEAD MECHANIC	2.00	\$ 123,268	2.00	\$ 125,738	2.00	\$ 130,103
810	2525	GD-10	MECHANIC	7.00	\$ 414,299	7.00	\$ 409,485	7.00	\$ 428,559
940	2525	GD-11	MECHANIC	1.00	\$ 59,299	1.00	\$ 63,810	1.00	\$ 66,070
100	2300	GD-08	EQUIPMENT OPERATOR II	0.57	\$ 32,663	0.54	\$ 31,389	1.25	\$ 75,718
250	2300	GD-08	EQUIPMENT OPERATOR II	5.56	\$ 319,934	5.61	\$ 326,428	4.88	\$ 288,482
610	2300	GD-08	EQUIPMENT OPERATOR II	0.87	\$ 46,825	0.87	\$ 48,044	0.87	\$ 52,347
620	2300	GD-08	EQUIPMENT OPERATOR II	0.10	\$ 5,757	0.10	\$ 5,487	0.10	\$ 6,047
820	2300	GD-08	EQUIPMENT OPERATOR II	—	\$ —	—	\$ —	—	\$ —
940	2300	GD-08	EQUIPMENT OPERATOR II	2.00	\$ 117,393	1.00	\$ 60,291	1.00	\$ 62,242
940		GD-08	LANDFILL EQUIP OPERATOR	3.00	\$ 170,877	4.00	\$ 231,402	4.00	\$ 229,224
810		GE-27	INVENTORY/ACCOUNT CLERK	—	\$ —	—	\$ —	1.00	\$ 46,082
250		GD-05	UTILITY WORKER	6.80	\$ 344,839	6.80	\$ 360,827	9.87	\$ 539,283
610		GD-05	UTILITY WORKER	0.20	\$ 10,558	0.20	\$ 11,029	0.30	\$ 16,092
250		NA-48	UTILITY WORKER APPRENTICE	1.00	\$ 40,051	1.00	\$ 42,235	1.00	\$ 41,196
670		GD-04	SANITATION LABORER	1.00	\$ 55,818	1.00	\$ 56,783	—	\$ —
670		GD-06	YARD WASTE & SNOWFIGHTER	—	\$ —	—	\$ —	0.67	\$ 34,861
250		GD-06	YARD WASTE & SNOWFIGHTER	—	\$ —	—	\$ —	0.33	\$ 17,430
810	835	GD-03	STOCK CLERK	2.00	\$ 98,148	2.00	\$ 100,328	1.00	\$ 52,073
100	2375	GD-06	EQUIPMENT OPERATOR I	1.67	\$ 91,650	1.65	\$ 92,956	1.72	\$ 99,535
250	2375	GD-06	EQUIPMENT OPERATOR I	5.14	\$ 284,721	6.14	\$ 346,847	6.92	\$ 401,934
610	2375	GD-06	EQUIPMENT OPERATOR I	2.97	\$ 167,251	2.97	\$ 169,427	2.97	\$ 171,548
620	2375	GD-06	EQUIPMENT OPERATOR I	1.12	\$ 61,814	1.12	\$ 62,715	1.12	\$ 64,792
670	1300	GD-06	SANITATION DRIVER	17.00	\$ 949,696	17.00	\$ 965,873	18.00	\$ 1,045,608
100	2205	GD-06	MAINTENANCE WORKER	0.02	\$ 1,157	—	\$ —	—	\$ —
250	2205	GD-06	MAINTENANCE WORKER	0.98	\$ 56,721	—	\$ —	—	\$ —

CITY OF DUBUQUE, IOWA  
DEPARTMENT DETAIL - PERSONNEL COMPLEMENT

54 PUBLIC WORKS DEPARTMENT

FD	JC	WP-GR	JOB CLASS	FY 2021		FY 2022		FY 2023	
				FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
250		GD-06	ASSISTANT HORTICULTURALIST	0.42	\$ 20,652	0.42	\$ 22,154	0.42	\$ 23,463
100	1475	GD-05	TRUCK DRIVER	0.05	\$ 2,711	—	\$ —	—	\$ —
250	1475	GD-05	TRUCK DRIVER	0.10	\$ 5,609	3.90	\$ 219,660	—	\$ —
610	1475	GD-05	TRUCK DRIVER	3.85	\$ 212,633	0.10	\$ 5,710	—	\$ —
620	1475	GD-05	TRUCK DRIVER	—	\$ —	—	\$ —	—	\$ —
940	870	GD-04	SCALE HOUSE OPERATOR	2.00	\$ 102,363	2.00	\$ 100,973	2.00	\$ 105,733
100	811	NA-50	ACCOUNT CLERK II	1.00	\$ 58,383	1.00	\$ 59,261	—	\$ —
<b>TOTAL FULL TIME EMPLOYEES</b>				89.42	\$ 5,223,485	89.42	\$ 5,332,300	90.42	\$ 5,538,188
<b>61020 Part Time Employee Expense</b>									
250		GD-03	CUSTODIAN I	0.38	\$ 18,463	0.38	\$ 18,789	0.38	\$ 19,400
670		GD-03	CUSTODIAN I	0.08	\$ 3,887	0.08	\$ 3,956	0.08	\$ 4,084
810		GD-03	CUSTODIAN I	0.15	\$ 7,288	0.15	\$ 7,417	0.15	\$ 7,658
100		GE-25	SECRETARY	—	\$ —	—	\$ —	0.67	\$ 26,314
<b>TOTAL PART TIME EMPLOYEES</b>				0.61	\$ 29,638	0.61	\$ 30,162	1.28	\$ 57,456
<b>61030 Seasonal Employee Expense</b>									
670	1325	NA-26	SANITATION DRIVER	0.67	\$ 21,684	0.67	\$ 22,061	0.08	\$ 2,719
940	1325	GD-26	EQUIPMENT OPERATOR	0.75	\$ 24,273	0.75	\$ 24,696	0.75	\$ 25,494
100	898	GD-21	LABORER-ST/W/WW-SEASONAL	1.47	\$ 36,838	1.47	\$ 37,452	0.63	\$ 20,922
250	898	GD-21	LABORER-ST/W/WW-SEASONAL	0.36	\$ 8,765	0.36	\$ 8,915	0.27	\$ 8,913
<b>TOTAL SEASONAL EMPLOYEES</b>				3.25	\$ 91,560	3.25	\$ 93,124	1.73	\$ 58,048
<b>TOTAL PUBLIC WORKS DEPARTMENT</b>				<b>93.28</b>	<b>\$ 5,344,683</b>	<b>93.28</b>	<b>\$ 5,455,586</b>	<b>93.43</b>	<b>\$ 5,653,692</b>

**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023			
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET		
Public Works Administration-FT												
10054100	61010	100	3325	GE-41	PUBLIC WORKS DIRECTOR	1.00	\$ 121,305	1.00	\$ 123,103	1.00	\$ 127,093	
10054100	61010	100	1490	GE-38	ASST PUBLIC WORKS DIRECTOR	1.00	\$ 82,809	1.00	\$ 88,727	1.00	\$ 97,669	
10054100	61010	100		GE-28	LEAD ADMINISTRATIVE ASSISTANT	—	\$ —	—	\$ —	1.00	\$ 60,904	
10054100	61010	100	225	GE-25	SECRETARY	2.00	\$ 90,279	2.00	\$ 94,112	2.00	\$ 99,712	
10054100	61010	100	811	NA-50	ACCOUNT CLERK II	1.00	\$ 58,383	1.00	\$ 59,261	—	\$ —	
Total						5.00	\$ 352,776	5.00	\$ 365,203	5.00	\$ 385,378	
Public Works Administration-Part-Time												
10054100	61030	100	225	GE-25	SECRETARY	—	\$ —	—	\$ —	0.67	\$ 26,314	
Total						—	\$ —	—	\$ —	0.67	\$ 26,314	
Riverfront Management-FT General Fund												
10054330	61010	100	1475	GD-05	TRUCK DRIVER	0.05	\$ 2,711	—	\$ —	—	\$ —	
10054330	61010	100	2375	GD-08	EQUIPMENT OPERATOR II	0.05	\$ 2,878	—	\$ —	0.10	\$ 6,106	
10054330	61010	100		GD-06	EQUIPMENT OPERATOR I	0.10	\$ 5,670	0.10	\$ 5,776	0.05	\$ 2,853	
Total						0.20	\$ 11,259	0.10	\$ 5,776	0.15	\$ 8,959	
Riverfront Management-Seasonal General Fund												
10054330	61030	100	898	GD-21	LABORER-ST/W/WW-SEASONAL	0.10	\$ 2,591	0.10	\$ 2,633	0.08	\$ 2,766	
Total						0.10	\$ 2,591	0.10	\$ 2,633	0.08	\$ 2,766	
Floodwall Oper./Maintenance												
10054340	61010	100	2205	GD-06	MAINTENANCE WORKER	0.02	\$ 1,157	—	\$ —	—	\$ —	
10054340	61010	100	2300	GD-08	EQUIPMENT OPERATOR II	0.17	\$ 9,781	0.12	\$ 7,005	0.12	\$ 7,257	
10054340	61010	100	2655	GD-11	FOREMAN	0.08	\$ 4,887	0.08	\$ 5,073	0.08	\$ 5,224	
10054340	61010	100		GE-31	FIELD SUPERVISOR	0.10	\$ 7,097	0.10	\$ 7,202	0.10	\$ 7,436	
10054340	61010	100	2375	GD-06	EQUIPMENT OPERATOR I	0.10	\$ 5,525	0.10	\$ 5,674	0.10	\$ 5,779	
Total						0.47	\$ 28,447	0.40	\$ 24,954	0.40	\$ 25,696	
Floodwall Oper./Maintenance-Seasonal												
10054340	61030	100	898	GD-21	LABORER SEASONAL	0.13	\$ 3,165	0.13	\$ 3,219	0.10	\$ 3,301	
Total						0.13	\$ 3,165	0.13	\$ 3,219	0.10	\$ 3,301	
Street & Traffic Lighting-FT General Fund												
10054430	61010	100	2300	GD-08	EQUIPMENT OPERATOR II	0.02	\$ 1,065	0.02	\$ 1,100	—	\$ —	
10054430	61010	100		GD-06	EQUIPMENT OPERATOR I	—	\$ —	—	\$ —	0.02	\$ 1,158	
10054430	61010	100	2925	GD-12	TRAFFIC SIGNAL TECHNICIAN II	2.86	\$ 185,851	2.86	\$ 192,010	2.86	\$ 200,284	
Total						2.88	\$ 186,916	2.88	\$ 193,110	2.88	\$ 201,442	
Street Signs & Markings-FT General Fund												
10054435	61010	100	2925	GD-12	TRAFFIC SIGNAL TECHNICIAN II	0.01	\$ 680	0.01	\$ 717	0.01	\$ 746	
10054435	61010	100	2375	GD-06	EQUIPMENT OPERATOR I	0.82	\$ 43,667	0.82	\$ 45,113	0.82	\$ 47,478	
10054435	61010	100	2300	GD-08	EQUIPMENT OPERATOR II	0.35	\$ 20,004	0.40	\$ 23,284	0.40	\$ 23,890	
Total						1.18	\$ 64,351	1.23	\$ 69,114	1.23	\$ 72,114	

**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023			
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET		
Street Signs & Markings-Seasonal General Fund												
10054435	61030	100	898	NA-01	LABORER-ST/W/WW-SEASONAL	0.67	\$ 16,312	0.67	\$ 16,592	—	\$ —	
Total						0.67	\$ 16,312	0.67	\$ 16,592	—	\$ —	
Port of Dubuque Maintenance-FT												
10054450	61010	100	2925	GD-12	TRAFFIC SIGNAL TECHNICIAN II	0.01	\$ 680	0.01	\$ 717	0.01	\$ 746	
10054450	61010	100	2300	GD-08	EQUIPMENT OPERATOR II	—	\$ —	—	\$ —	0.63	\$ 38,465	
10054450	61010	100	1475	GD-06	EQUIPMENT OPERATOR I	0.63	\$ 35,723	0.63	\$ 36,393	0.73	\$ 42,267	
Total						0.64	\$ 36,403	0.64	\$ 37,110	1.37	\$ 81,478	
Port of Dubuque Maintenance-Seasonal												
10054450	61030	100	898	GD-21	LABORER-SEASONAL	0.57	\$ 14,770	0.57	\$ 15,008	0.45	\$ 14,855	
Total						0.57	\$ 14,770	0.57	\$ 15,008	0.45	\$ 14,855	
Street Maintenance-FT Road Use Tax Fund												
25054400	61010	250		GD-06	ASSISTANT HORTICULTURALIST	0.25	\$ 12,293	0.25	\$ 13,187	0.25	\$ 13,966	
25054400	61010	100	2205	GD-06	MAINTENANCE WORKER	0.10	\$ 5,788	—	\$ —	—	\$ —	
25054400	61010	250		GD-05	UTILITY WORKER	5.63	\$ 285,427	5.63	\$ 298,518	6.46	\$ 349,307	
25054400	61010			NA-48	UTILITY WORKER APPRENTICE	0.83	\$ 33,243	0.83	\$ 35,054	0.83	\$ 34,193	
25054400	61010	250	2300	GD-08	EQUIPMENT OPERATOR II	1.89	\$ 107,311	2.68	\$ 154,876	1.94	\$ 116,180	
25054400	61010	250	2375	GD-06	EQUIPMENT OPERATOR I	3.32	\$ 184,081	3.32	\$ 186,829	4.11	\$ 239,973	
25054400	61010	250	2655	GD-11	FOREMAN	3.20	\$ 197,926	3.20	\$ 201,343	3.20	\$ 206,847	
25054400	61010	250		GE-35	FIELD SUPERVISOR	0.73	\$ 51,807	0.73	\$ 52,575	0.73	\$ 67,187	
25054400	61010	250	1475	GD-05	TRUCK DRIVER	1.61	\$ 88,869	1.66	\$ 93,437	—	\$ —	
Total						17.56	\$ 966,745	18.30	\$ 1,035,819	17.52	\$ 1,027,653	
Street Maintenance-PT Road Use Tax Fund												
25054400	61020	250		GD-03	CUSTODIAN I	0.38	\$ 18,463	0.38	\$ 18,789	0.38	\$ 19,400	
Total						0.38	\$ 18,463	0.38	\$ 18,789	0.38	\$ 19,400	
Street Cleaning-Full Time Road Use Tax Fund												
25054410	61010	250	1475	GD-05	TRUCK DRIVER	1.56	\$ 86,125	1.56	\$ 87,906	—	\$ —	
25054410	61010	250		GD-05	UTILITY WORKER	—	\$ —	—	\$ —	1.56	\$ 89,254	
25054410	61010	250	2205	GD-06	MAINTENANCE WORKER	0.73	\$ 42,252	—	\$ —	—	\$ —	
25054410	61010	250	2375	GD-06	EQUIPMENT OPERATOR I	—	\$ —	0.83	\$ 47,480	0.83	\$ 48,057	
25054410	61010	250	2300	GD-08	EQUIPMENT OPERATOR II	2.51	\$ 145,911	1.77	\$ 104,149	1.77	\$ 102,603	
Total						4.80	\$ 274,288	4.16	\$ 239,535	4.16	\$ 239,914	
Street Cleaning-Seasonal-Road Use Tax Fund												
25054410	61030	250	898	GD-21	LABORER-ST/W/WW-SEASONAL	0.36	\$ 8,765	0.36	\$ 8,915	0.27	\$ 8,913	
Total						0.36	\$ 8,765	0.36	\$ 8,915	0.27	\$ 8,913	
Snow Removal-FT												
25054420	61010	250	2925	GD-12	TRAFFIC SIGNAL TECH II	0.12	\$ 8,085	0.12	\$ 8,059	0.12	\$ 8,408	



**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023	
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
25054420	61010	250		GD-05 UTILITY WORKER	1.17	\$ 59,412	1.17	\$ 62,309	1.85	\$ 100,722
25054400	61010			NA-48 UTILITY WORKER APPRENTICE	0.17	\$ 6,808	0.17	\$ 7,181	0.17	\$ 7,003
25054420	61010	250		GD-06 ASSISTANT HORTICULTURALIST	0.17	\$ 8,359	0.17	\$ 8,967	0.17	\$ 9,497
25054420	61010	250	2205	GD-06 MAINTENANCE WORKER	0.15	\$ 8,681	—	\$ —	—	\$ —
25054420	61010	250	2655	GD-11 FOREMAN	0.98	\$ 59,870	0.98	\$ 61,649	0.98	\$ 63,721
25054420	61010	250		GE-35 FIELD SUPERVISOR	0.17	\$ 12,065	0.17	\$ 12,243	0.17	\$ 15,646
25054420	61010	250	2300	GD-08 EQUIPMENT OPERATOR II	1.16	\$ 66,712	1.16	\$ 67,403	1.17	\$ 69,699
25054420	61010	250	2375	GD-06 EQUIPMENT OPERATOR I	1.82	\$ 100,640	1.99	\$ 112,538	1.98	\$ 113,904
25054420	61010	250		GD-06 YARD WASTE & SNOWFIGHTER	—	\$ —	—	\$ —	0.42	\$ 22,124
25054420	61010	250	1475	GD-05 TRUCK DRIVER	0.68	\$ 37,639	0.68	\$ 38,317	—	\$ —
<b>Total</b>					<b>6.59</b>	<b>\$ 368,271</b>	<b>6.61</b>	<b>\$ 378,666</b>	<b>7.03</b>	<b>\$ 410,724</b>
<b>Sanitary Sewer Maintenance-FT Sewer Use Fund</b>										
61054300	61010	610	2375	GD-06 EQUIPMENT OPERATOR I	2.97	\$ 167,251	2.97	\$ 169,427	2.97	\$ 171,548
61054300	61010	610		GD-05 UTILITY WORKER	0.20	\$ 10,558	0.20	\$ 11,029	0.30	\$ 16,092
61054300	61010	610	2300	GD-08 EQUIPMENT OPERATOR II	0.87	\$ 46,825	0.87	\$ 48,044	0.87	\$ 52,347
61054300	61010	610	1475	GD-05 TRUCK DRIVER	0.10	\$ 5,609	0.10	\$ 5,710	—	\$ —
61054300	61010	610	2655	GD-11 FOREMAN	0.92	\$ 54,841	0.92	\$ 56,451	0.92	\$ 60,208
<b>Total</b>					<b>5.06</b>	<b>\$ 285,084</b>	<b>5.06</b>	<b>\$ 290,661</b>	<b>5.06</b>	<b>\$ 300,195</b>
<b>Storm Sewer Maintenance-FT Stormwater Fund</b>										
62054310	61010	620	2300	GD-08 EQUIPMENT OPERATOR II	0.10	\$ 5,757	0.10	\$ 5,487	0.10	\$ 6,047
62054310	61010	620	2375	GD-06 EQUIPMENT OPERATOR I	1.12	\$ 61,814	1.12	\$ 62,715	1.12	\$ 64,792
62054310	61010	620	2655	GD-11 FOREMAN	0.82	\$ 49,473	0.82	\$ 52,156	0.82	\$ 54,122
<b>Total</b>					<b>2.04</b>	<b>\$ 117,044</b>	<b>2.04</b>	<b>\$ 120,358</b>	<b>2.04</b>	<b>\$ 124,961</b>
<b>Refuse Collection-FT Refuse Fund</b>										
67054500	61010	670	6100	GE-35 RESOURCE MGMT COORDINATOR	0.40	\$ 33,466	0.40	\$ 34,257	0.40	\$ 28,330
67054500	61010	670	2655	GD-11 LEAD SANITATION DRIVER	0.40	\$ 25,406	0.40	\$ 25,844	0.40	\$ 26,686
67054500	61010	670		GD-04 SANITATION LABORER	1.00	\$ 55,818	1.00	\$ 56,783	—	\$ —
67054500	61010	670	1300	GD-06 SANITATION DRIVER	8.95	\$ 504,444	9.15	\$ 522,048	10.15	\$ 595,359
<b>Total</b>					<b>10.75</b>	<b>\$ 619,134</b>	<b>10.95</b>	<b>\$ 638,932</b>	<b>10.95</b>	<b>\$ 650,375</b>
<b>Refuse Collection-PT</b>										
67054500	61020	670		GD-03 CUSTODIAN I	0.08	\$ 3,887	0.08	\$ 3,956	0.08	\$ 4,084
<b>Total</b>					<b>0.08</b>	<b>\$ 3,887</b>	<b>0.08</b>	<b>\$ 3,956</b>	<b>0.08</b>	<b>\$ 4,084</b>
<b>Refuse Collection-Seasonal Refuse Fund</b>										
67054500	61030	670	898	NA-01 LABORER-ST/WWW-SEASONAL	0.09	\$ 2,913	0.09	\$ 2,963	—	\$ —
<b>Total</b>					<b>0.09</b>	<b>\$ 2,913</b>	<b>0.09</b>	<b>\$ 2,963</b>	<b>—</b>	<b>\$ —</b>
<b>Yard Waste Collection-FT Refuse Fund</b>										
67054510	61010	670	2655	GD-11 LEAD SANITATION DRIVER	0.10	\$ 6,351	0.10	\$ 6,461	0.10	\$ 6,672
67054510	61010	670	1300	GD-06 SANITATION DRIVER	1.30	\$ 72,812	1.15	\$ 65,359	1.15	\$ 67,796

**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023	
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
67054510	61010	670		GD-06	YARD WASTE & SNOWFIGHTER	—	\$ —	—	\$ —	0.58 \$ 30,168
67054510	61010	670	6100	GE-35	RESOURCE MGMT COORDINATOR	0.10	\$ 8,367	0.10	\$ 8,563	0.10 \$ 7,082
<b>Total</b>					1.50	\$ 87,530	1.35	\$ 80,383	1.93	\$ 111,718
<b>Yard Waste Collection-Seasonal Refuse Fund</b>										
67054510	61030	670	1325	NA-26	SANITATION DRIVER	0.50	\$ 16,182	0.50	\$ 16,464	— \$ —
<b>Total</b>					0.50	\$ 16,182	0.50	\$ 16,464	—	\$ —
<b>Large Item Collection-FT Refuse Fund</b>										
67054520	61010	670	2655	GD-11	LEAD SANITATION DRIVER	0.10	\$ 6,351	0.10	\$ 6,461	0.10 \$ 6,672
67054520	61010	670	6100	GE-35	RESOURCE MGMT COORDINATOR	0.06	\$ 5,020	0.06	\$ 5,139	0.06 \$ 4,249
<b>Total</b>					0.16	\$ 11,371	0.16	\$ 11,600	0.16	\$ 10,921
<b>Recycling Collection Program-FT Refuse Fund</b>										
67054530	61010	670	6100	GE-35	RESOURCE MGMT COORDINATOR	0.44	\$ 36,813	0.44	\$ 37,681	0.44 \$ 31,163
67054530	61010	670	2655	GD-11	LEAD SANITATION DRIVER	0.40	\$ 25,406	0.40	\$ 25,844	0.40 \$ 26,686
67054530	61010	670	1300	GD-06	SANITATION DRIVER	6.75	\$ 372,440	6.70	\$ 378,466	6.70 \$ 382,453
<b>Total</b>					7.59	\$ 434,659	7.54	\$ 441,991	7.54	\$ 440,302
<b>Recycling Collection Program-Seasonal Refuse Fund</b>										
67054530	61030	670	898	GD-26	SANITATION DRIVER-SEASONAL	0.08	\$ 2,589	0.08	\$ 2,634	0.08 \$ 2,719
<b>Total</b>					0.08	\$ 2,589	0.08	\$ 2,634	0.08	\$ 2,719
<b>City Garage-FT Service Fund</b>										
81054600	61010	810	3225	GE-35	EQUIP MAINT. SUPERVISOR	1.00	\$ 75,299	1.00	\$ 80,601	1.00 \$ 87,654
81054600	61010	810	2525	GD-10	MECHANIC	7.00	\$ 414,299	7.00	\$ 409,485	7.00 \$ 428,559
81054600	61010	810		GE-27	INVENTORY/ACCOUNT CLERK	—	\$ —	—	\$ —	1.00 \$ 46,082
81054600	61010	810	835	GD-03	STOCK CLERK	2.00	\$ 98,148	2.00	\$ 100,328	1.00 \$ 52,073
81054600	61010	810	7250	GD-11	LEAD MECHANIC	2.00	\$ 123,268	2.00	\$ 125,738	2.00 \$ 130,103
<b>Total</b>					12.00	\$ 711,014	12.00	\$ 716,152	12.00	\$ 744,471
<b>City Garage-PT Service Fund</b>										
81054600	61020	810	3056	GD-03	CUSTODIAN I	0.15	\$ 7,288	0.15	\$ 7,417	0.15 \$ 7,658
<b>Total</b>					0.15	\$ 7,288	0.15	\$ 7,417	0.15	\$ 7,658
<b>Landfill-FT</b>										
94054200	61010	940	2625	GE-36	DMASWA ADMINISTRATOR	0.40	\$ 29,309	0.45	\$ 35,308	0.45 \$ 38,469
94054200	61010	940	2625	GE-35	LANDFILL SUPERVISOR	0.60	\$ 50,702	0.60	\$ 51,661	0.60 \$ 53,645
94054200	61010	620	2655	GD-11	FOREMAN	0.60	\$ 36,294	0.60	\$ 37,289	0.60 \$ 38,504
94054200	61010	940	2525	GD-11	MECHANIC	1.00	\$ 59,299	1.00	\$ 63,810	1.00 \$ 66,070
94054200	61010	940	2300	GD-08	EQUIPMENT OPERATOR II	1.40	\$ 82,513	1.00	\$ 60,291	1.00 \$ 62,242
94054200	61010	940	2948	GD-08	LANDFILL EQUIP OPERATOR	2.75	\$ 156,788	3.15	\$ 182,480	3.15 \$ 182,220
94054200	61010	940	870	GD-04	SCALE HOUSE OPERATOR	1.40	\$ 70,467	1.40	\$ 71,165	1.40 \$ 75,127

**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023		
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET	
Total					8.15	\$ 485,372	8.20	\$ 502,004	8.20	\$ 516,277	
Landfill-Seasonal											
94054200	61030	940	1325	GD-26	EQUIPMENT OPERATOR	0.75	\$ 24,273	0.75	\$ 24,696	0.75	\$ 25,494
Total					0.75	\$ 24,273	0.75	\$ 24,696	0.75	\$ 25,494	
Composting-Landfill Program-FT											
94054210	61010	940	2625	GE-36	DMASWA ADMINISTRATOR	0.10	\$ 7,327	0.10	\$ 7,845	0.10	\$ 8,547
94054210	61010	620	2655	GD-11	FOREMAN	0.05	\$ 3,024	0.05	\$ 3,077	0.05	\$ 3,209
94054210	61010	940	2948	GD-08	LANDFILL EQUIP OPERATOR	0.10	\$ 5,700	0.20	\$ 11,599	0.20	\$ 10,824
94054210	61010	940	2625	GE-35	LANDFILL SUPERVISOR	0.10	\$ 8,451	0.10	\$ 8,610	0.10	\$ 8,940
Total					0.35	\$ 24,502	0.45	\$ 31,131	0.45	\$ 31,520	
HHMRCC-Landfill Program-FT											
94054220	61010	940	2625	GE-36	DMASWA ADMINISTRATOR	0.15	\$ 10,989	0.10	\$ 7,845	0.10	\$ 8,547
94054220	61010	940	2625	GE-35	LANDFILL SUPERVISOR	0.05	\$ 4,225	0.05	\$ 4,305	0.05	\$ 4,471
94054220	61010	620	2655	GD-11	FOREMAN	0.05	\$ 3,024	0.05	\$ 3,077	0.05	\$ 3,209
94054220	61010	940	2300	GD-08	EQUIPMENT OPERATOR II	0.30	\$ 17,440	—	\$ —	—	\$ —
94054220	61010	940	2948	GD-08	LANDFILL EQUIP OPERATOR	0.10	\$ 5,567	0.30	\$ 17,226	0.30	\$ 16,608
94054220	61010	940	870	GD-04	SCALE HOUSE OPERATOR	0.55	\$ 29,238	0.50	\$ 24,840	0.50	\$ 25,505
Total					1.20	\$ 70,483	1.00	\$ 57,293	1.00	\$ 58,340	
Education & Communication-Landfill Program-FT											
94054230	61010	940	2625	GE-36	DMASWA ADMINISTRATOR	0.05	\$ 3,663	0.05	\$ 3,923	0.05	\$ 4,126
94054230	61010	940	2625	GE-35	LANDFILL SUPERVISOR	0.05	\$ 4,225	0.05	\$ 4,305	0.05	\$ 4,471
94054230	61010	620	2655	GD-11	FOREMAN	0.05	\$ 3,024	0.05	\$ 3,077	0.05	\$ 3,209
Total					0.15	\$ 10,912	0.15	\$ 11,305	0.15	\$ 11,806	
E-Scrap Recycling-Landfill Program-FT											
94054240	61010	940	2625	GE-36	DMASWA ADMINISTRATOR	0.10	\$ 7,327	0.10	\$ 7,845	0.10	\$ 8,251
94054240	61010	940	2625	GE-35	LANDFILL SUPERVISOR	0.05	\$ 4,225	0.05	\$ 4,305	0.05	\$ 4,471
94054240	61010	620	2655	GD-11	FOREMAN	0.10	\$ 6,049	0.10	\$ 6,153	0.10	\$ 6,418
94054240	61010	940	2948	GD-08	LANDFILL EQUIP OPERATOR	—	\$ —	0.30	\$ 17,226	0.30	\$ 16,608
94054240	61010	940	870	GD-04	SCALE HOUSE OPERATOR	0.05	\$ 2,658	0.10	\$ 4,968	0.10	\$ 5,101
94054240	61010	940	2300	GD-08	EQUIPMENT OPERATOR II	0.30	\$ 17,440	—	\$ —	—	\$ —
Total					0.60	\$ 37,699	0.65	\$ 40,497	0.65	\$ 40,849	
DMASWA Rural Recycling Program - FT											
94054250	61010	940	2625	GE-36	DMASWA ADMINISTRATOR	0.10	\$ 7,327	0.10	\$ 7,845	0.10	\$ 8,547
94054250	61010	620	2655	GD-11	FOREMAN	0.05	\$ 3,024	0.05	\$ 3,077	0.05	\$ 3,209
94054250	61010	940	2625	GE-35	LANDFILL SUPERVISOR	0.05	\$ 4,225	0.05	\$ 4,305	0.05	\$ 4,471
Total					0.20	\$ 14,576	0.20	\$ 15,227	0.20	\$ 16,227	
DMASWA Gas Collection - FT											
94054260	61010	940	2625	GE-36	DMASWA ADMINISTRATOR	0.10	\$ 7,327	0.10	\$ 7,845	0.10	\$ 8,547

**CITY OF DUBUQUE, IOWA**  
**ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2021		FY 2022		FY 2023	
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
94054260	61010	940	2625	GE-35	LANDFILL SUPERVISOR	0.10	\$ 8,451	0.10	\$ 8,610	0.10 \$ 8,940
94054260	61010	620	2655	GD-11	FOREMAN	0.10	\$ 6,049	0.10	\$ 6,153	0.10 \$ 6,418
94054240	61010	940	2948	GD-08	LANDFILL EQUIP OPERATOR	0.05	\$ 2,822	0.05	\$ 2,871	0.05 \$ 2,964
94054260	61010	940	2300	GD-08	EQUIPMENT OPERATOR II	—	\$ —	—	\$ —	— \$ —
<b>Total</b>						0.35	\$ 24,649	0.35	\$ 25,479	0.35 \$ 26,869
<b>TOTAL PUBLIC WORKS DEPT.</b>						<b>93.28</b>	<b>\$5,344,683</b>	<b>93.28</b>	<b>\$ 5,455,586</b>	<b>93.43 \$ 5,653,693</b>

Capital Improvement Projects by Department/Division					
PUBLIC WORKS					
CIP Number	Capital Improvement Project Title	FY 20 Actual Expense	FY 21 Actual Expense	FY 22 Adopted Budget	FY 23 Recomm'd Budget
1012477	MSC AIR QUALITY	32,750	—	—	—
1022938	ROOF - CENTRAL STORAGE	—	—	29,600	28,000
2501209	ST SWEEPER REPL PROJECT	—	—	—	—
2501227	CURB RAMP PROGRAM	547,761	9,142	—	799,492
2501230	ASPHALT MILLING PROGRAM	687	403	—	—
2501839	AERIAL BUCKET TRUCK	—	—	325,000	—
2501936	ENDLOADER PURCHASES	—	—	—	103,000
2502039	DUMP TRUCK REPLACEMENT	—	214,234	—	—
2602775	STREET OVERLAYS	—	—	—	—
3001006	CONCRETE SECTION REPAIR	32,000	—	25,000	25,000
3001209	ST SWEEPER REPL PROJECT	—	—	—	269,067
3001226	CURB REPLACEMENT PROGRAM	8,100	11,909	20,000	50,000
3001227	CURB RAMP PROGRAM	1,205	199,189	342,265	38,595
3001230	ASPHALT MILLING PROGRAM	75,461	88,475	83,092	172,832
3001432	STEPS, RAILINGS, FENCING	—	—	—	10,000
3001445	FLOODWALL POST FLOOD REPA	4,471	17,163	25,000	25,000
3001839	AERIAL BUCKET TRUCK	125,876	—	—	—
3001936	ENDLOADER PURCHASES	—	—	—	—
3001938	DT SIGN POST REPLAC PROJ	46,938	—	10,000	15,000
3002038	PORT AMENITIES MAINT	5,157	—	—	—
3002039	DUMP TRUCK REPLACEMENT	285,409	182,930	—	—
3002151	WAYFINDING SIGN REPLACE	22,432	—	—	—
3002221	TRUCK-MOUNTED NEW CONCEPT	19,254	—	—	—
3002539	DUMP TRK REPLC	136,959	—	504,800	—
3002541	MSC LED LIGHTING	—	—	—	36,950
3002789	HAWTHORNE BOAT RAMP	1,600	—	—	—
3002815	BEE BRANCH TRANSFORMER	—	115,575	—	—
3002908	EV CHARGING MUNIC SERVICE	—	—	15,602	—
3502222	ICE HARBOR GATES TIMBER	—	—	—	145,000
3502480	PURINA DRIVE FLOODWALL	—	—	—	—
64054755	WATER MAIN REPLACEMENTS	6,600	8,700	—	—
6701533	DUAL PACKER RECYCLE VEH	—	—	452,275	542,154
7101341	SANITARY SEWER ROOT FOAM	29,530	—	30,000	—
7102405	HIGH PRESSURE SEWER JET	274,642	—	—	—
7102909	SMART COVERS	—	—	30,000	—
7201209	ST SWEEPER REPL PROJECT	—	—	—	185,000
7202155	FLOOD CONTROL LEVEE CERT	11,382	8,258	—	—
7202335	HESCO FLOOD CONTROL UNITS	—	—	366,667	—
7202405	HIGH PRESSURE JETVAC	69,438	—	—	—
7202480	PURINA DRIVE FLOODWALL	—	742	—	—
7202790	SURFACE DEEP CLEAN UNIT	—	—	—	—
7202792	ICE HARBOR ABUTMENT REP	13,896	80,493	—	—
7202845	SANDBAG EQUIPMENT	—	—	—	—
8102907	VEHICLE MAINT LUBE SYSTEM	—	—	40,000	60,000
8102908	EV CHARGING MUNIC SERVICE	—	—	—	88,405
9402685	SHORT-TERM FACILITIES	—	—	—	—
9402770	SWISS VALLEY LAND ACQUIS	18,499	—	—	—
9402820	CELL 9 PHASE 4	2,833,020	862,760	—	—
9402868	LANDFILL FLARE RELOCATE	—	130,000	—	—

Capital Improvement Projects by Department/Division					
PUBLIC WORKS					
CIP Number	Capital Improvement Project Title	FY 20 Actual Expense	FY 21 Actual Expense	FY 22 Adopted Budget	FY 23 Recomm'd Budget
9402956	LANDFILL HAUL TRUCK REPL	—	—	—	601,000
9402957	LANDFILL SEWER LINE EXT	—	—	—	250,000
9402958	LANDFILL LITTER FENCING	—	—	—	300,000
9402959	LANDFILL SVC BUILD DESIGN	—	—	—	225,000
<b>PUBLIC WORKS</b>	<b>TOTAL</b>	<b>4,603,066</b>	<b>1,929,973</b>	<b>2,299,301</b>	<b>3,969,495</b>

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL	PAG E
<b>PUBLIC WORKS</b>								
<b>Public Works</b>								
	Asphalt Milling Program	\$ 172,832	\$ 88,144	\$ 89,907	\$ 91,705	\$ 93,539	\$ 536,127	195
	Curb Ramp Program	\$ 838,087	\$ 443,778	\$ 481,720	\$ 522,908	\$ 533,366	\$2,819,859	196
	Curb Replacement Program	\$ 50,000	\$ —	\$ 75,000	\$ 50,000	\$ 50,000	\$ 225,000	197
	Concrete Street Section Repair Program	\$ 25,000	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 175,000	198
	Street Sign and Post Replacement	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000	199
	Floodwall Post-Flood Repair Program	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	200
	Steps, Hand Railings and Wall-Top Fencing	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000	201
	Ice Harbor Gates Fender Replacement Project	\$ 145,000	\$ —	\$ —	\$ —	\$ —	\$ 145,000	202
	Central Storage Building Roof Repair Project	\$ 28,000	\$ —	\$ —	\$ —	\$ —	\$ 28,000	203
	Vacuum Street Sweeper Replacement Project	\$ 269,067	\$ —	\$ —	\$ —	\$ —	\$ 269,067	204
	58,000 Gross Vehicle Weight (GVW) Dump Truck Replacement	\$ —	\$ 506,932	\$ —	\$ 268,902	\$ —	\$ 775,834	205
	44,000 GVW Dump Truck Replacement	\$ —	\$0	\$191,176	\$ 390,000	\$ 397,798	\$ 978,974	206
	Sprinkler System - Central Storage	\$ —	\$ —	\$ 18,500	\$ —	\$ —	\$ 18,500	207
	Mechanical Sweeper Replacement Project	\$ —	\$ —	\$ —	\$ —	\$ 230,000	\$ 230,000	208
	Hawthorne Street Boat Ramp Repair	\$ —	\$ —	\$ —	\$ —	\$ 41,410	\$ 41,410	209
	Backhoe Loader Purchase	\$ 103,000	\$ —	\$ —	\$ —	\$ —	\$ 103,000	210
	Municipal Services Center Roof Mounted HVAC Replacement Unit	\$ —	\$ —	\$ —	\$ 20,000	\$ 75,000	\$ 95,000	211
	Municipal Service Center Vehicle Access Doors Replacement Project	\$ 36,950	\$ 38,058	\$ —	\$ —	\$ —	\$ 75,008	212
<b>PUBLIC WORKS</b>								
<b>Business Type</b>								
	Smart Lid Manhole Project	\$ —	\$ —	\$ 35,000	\$ 35,000	\$ 35,000	\$ 105,000	213
	Sanitary Sewer Root Foaming	\$ —	\$ 30,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 135,000	214
	Replacement of Main Line CCTV Inspection Unit	\$ —	\$ —	\$ 295,000	\$ —	\$ —	\$ 295,000	215
	High Pressure Sewer Jet Cleaner Replacement	\$ —	\$ 210,000	\$ —	\$ —	\$ —	\$ 210,000	216
	Street Vacuum/Flush Unit Replacement Project	\$ 185,000	\$ —	\$ —	\$ —	\$ —	\$ 185,000	217
	Bee Branch Flood Control Pumping Station Camera Project	\$ —	\$ 55,000	\$ —	\$ —	\$ —	\$ 55,000	218

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL	PAGE
<b>PUBLIC WORKS</b>								
	Cab-Over Solid Waste Vehicles	\$ 542,154	\$ 462,454	\$ 463,004	\$ 343,703	\$ 355,732	\$2,167,047	219
	Electric Vehicle Charging Infrastructure Located at the Municipal Services Center	\$ 88,405	\$ 20,139	\$ 114,120	\$ —	\$ —	\$ 222,664	220
	Municipal Service Center Vehicle Maintenance Area Oil Lubrication System	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ 60,000	221
	Municipal Service Center Vehicle Maintenance Area Wall Cleaning and Painting Project	\$ —	\$ —	\$ 5,000	\$ 57,500	\$ —	\$ 62,500	222
	Heavy Vehicle Maintenance Lift Replacement Project	\$ —	\$ —	\$ 156,279	\$ —	\$ —	\$ 156,279	223
	Purina Drive Load Scanner System	\$ —	\$ 69,471	\$ —	\$ —	\$ —	\$ 69,471	224
	Landfill Service Building Design	\$ 225,000	\$ —	\$ —	\$ —	\$ —	\$ 225,000	225
	Landfill Litter Fencing	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 300,000	226
	Landfill Sewer Line Extension	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ 250,000	227
	Landfill Haul Truck Replacement	\$ 601,000	\$ —	\$ —	\$ —	\$ —	\$ 601,000	228
	<b>TOTAL</b>	<b>\$3,969,495</b>	<b>\$1,973,976</b>	<b>\$2,059,706</b>	<b>\$1,914,718</b>	<b>\$1,946,845</b>	<b>\$11,864,740</b>	