



# METRO WATER RECOVERY

**2024 Annual Budget  
Volume I**



6450 York Street  
Denver, CO 80229-7499  
Phone (303) 286-3000  
Fax (303) 286-3030  
[www.Metrowaterrecovery.com](http://www.Metrowaterrecovery.com)

# 2024 Operating Budget

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**MEMORANDUM**

**TO:** Board of Directors  
Member Municipalities  
Special Connectors

**DATE:** August 15, 2023

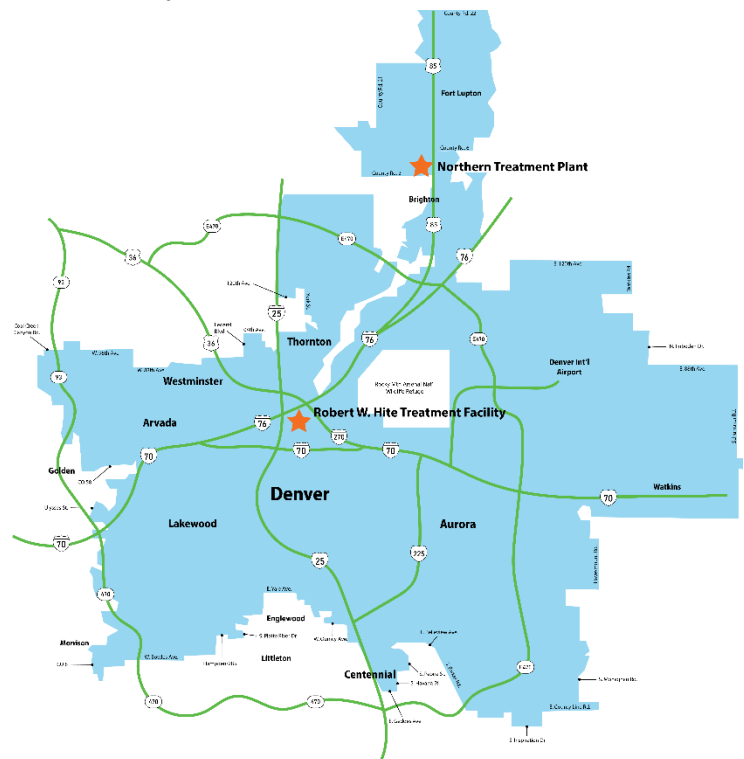
**FROM:** Mickey Conway, Chief Executive Officer

**RE:** 2024 Operating Budget Message

I am pleased to present the adopted 2024 Operating Budget for Metro Water Recovery (Metro), as required by the *Sewage Treatment and Disposal Agreement (Service Contract)*. The 2024 Operating Budget is a balanced budget with a seven percent increase in Annual Charges for Services. The total operating budget appropriation, including debt service, for 2024 is \$178,730,098, which is \$17 million more than the total operating budget appropriation for 2023. The total operating budget appropriation does not include capital project expenditures, which are appropriated separately on a project-by-project basis; however, the capital project expenses are projected and included in the statements for each fund.

**ABOUT METRO WATER RECOVERY**

Metro, a political entity authorized by the State of Colorado, was organized on May 15, 1961, for the purpose of constructing and operating a wastewater transmission and disposal system in the greater Denver metropolitan area. Metro’s 23 municipal and special district members (Member Municipalities) collect wastewater and deliver it to Metro’s interceptor lines. An additional 37 municipalities and sanitation districts (Special Connectors), and one corporate connector which collect and deliver wastewater to Metro’s interceptor system have been added since Metro’s inception. Metro treats an average of 135 million gallons per day (mgd) of wastewater for the Member Municipalities and Special Connectors at the Robert W. Hite Treatment Facility (RWHTF), located in Denver and the Northern Treatment Plant (NTP), located in Brighton. Most of Metro’s biosolids are land applied as a soil amendment on more than 300 permitted sites, including Metro’s own 52,000-acre METROGRO Farm.



Metro’s service area totals approximately 805 square miles, located in all or part of six counties: Adams, Arapahoe, Denver, Douglas, Jefferson, and Weld. The six-county area has an estimated total population of 3.2 million of which Metro estimates it serves an approximate population of 2.2 million.

## METHOD OF ACCOUNTING

Metro uses an accrual basis of accounting for proprietary funds and pension trust funds (revenues are recognized when they are earned, and expenses are recognized when they are incurred). The budgeting and accounting policies of Metro conform to generally accepted accounting principles applicable to governments. The basis of budgeting is on a cash basis (transactions are recognized only when cash is received or disbursed, and noncash expenses, such as depreciation, are not budgeted).

## DEVELOPMENT OF THE 2024 OPERATING BUDGET

### Strategic Planning

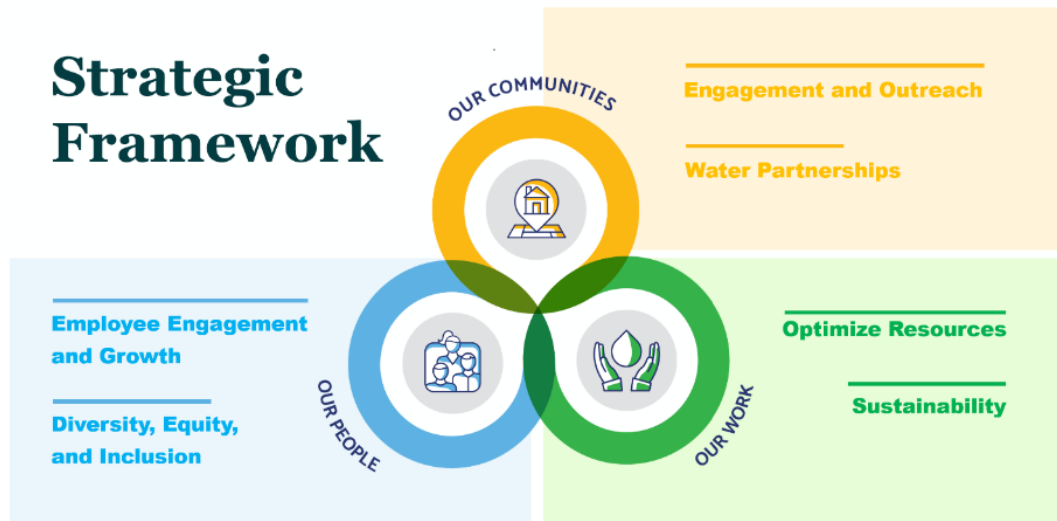
Metro updated its Strategic Plan (Plan) to be sustainable and enhance its value to the organization and provide strategic direction for the future. This update focuses on organizational values and strategic pillars that will guide Metro's work in the next several years.

The strategic planning process is designed to establish a shared vision of Metro's goals and a common understanding of the resource needs, commitments, working environment, and principles upon which the strategies were based. The process also promotes acceptance of the Plan for achieving Metro's goals and the integration of strategic planning, direction, and implementation into Metro's day-to-day operating activities.



The strategic framework of the updated Plan is guided by Metro's vision to be a leader, an innovative clean water partner, and a great place to work.

In pursuing Metro's mission, to protect the region's health and environment by cleaning water and recovering resources, Metro has established three pillars providing the foundation on which decisions are made.



## Our People:

### Employee Engagement and Growth

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### Diversity, Equity, and Inclusion

1. To continue to be a leader in developing and engaging top talent, *Employee Engagement and Growth* is a focus area put in place to support employees in all stages of their Metro careers. This will promote ongoing training and career development, as well as targeted recruitment and retention efforts.
2. Diverse backgrounds, skills, experience, and ideas foster *Diversity, Equity, and Inclusion* at Metro. A productive work environment that encourages individuals to be their authentic selves allows them to contribute to the organization in valuable ways, promoting innovation and creativity which leads to Metro's ongoing success.

## Our Work:

### Optimize Resources

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### Sustainability

1. While providing high-quality services, *Resource Optimization* is critical through the effective utilization of Metro's human, financial, technological, and other resources. Through effective project prioritization and continuous improvement, Metro extends the value of finite resources.

2. Metro is dedicated to identifying and reducing waste and inefficiency to improve our environmental practices and reduce our impact. *Sustainability* is a focus of Metro's looking for enhancements for current and future practices surrounding energy and waste.

**Our Communities:**

**Engagement and Outreach**

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**Water Partnerships**

1. As Metro provides services to more than 2.2 million residents of Colorado, maintaining strong relationships, communicating effectively, and aligning communities' environmental priorities through community *Engagement and Outreach* is an ongoing priority.
2. As an integral collaborator in various *Water Partnerships*, Metro is responsible for returning clean water to the South Platte River and will continue to invest in water quantity and quality initiatives.

**STRATEGIC ORGANIZATION METRICS**

Metro is in the process of establishing primary metrics to evaluate the success of Metro's efforts in achieving its mission. The metrics are intended to be at an organizational level with the purpose of being used to guide decision making. These metrics will be developed, and measurement will begin in 2024.

**ECONOMIC CONDITION AND OUTLOOK**

Metro is located in the largest metropolitan area in the State of Colorado. Metropolitan Denver (Metro Denver) is composed of Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, and Jefferson counties. The economic region has experienced significant population and economic growth in the past ten plus years.

Economic indicators as of December 2022 expected Metro Denver to grow slightly, with an anticipated decrease in inflation. As a result of the COVID-19 national pandemic, Metro continues to adopt an agile approach to meet the emergent needs of an ever-changing work environment.

Given the continued economic uncertainty, the budget is carefully reviewed, and remains conservative. Though Metro Denver continues to grow, it is difficult to predict when growth may decline or increase, and how the recent inflationary and supply chain challenges will continue to impact expenses.

Metro had to adjust for procuring items with long lead times, fluctuating expenses associated with chemicals, fuel, and utility costs, and a tight labor market. As a result of workplace changes, Metro rolled out a robust work-from-home policy, while still placing importance on a healthy and safe work environment for those working in the office and on the plant site.

Residential building permits remained strong in 2022. In 2021 and 2022, revenue from Sewer Connection Charges (SCC) was not affected by the ripple effect of the pandemic. Additionally, Metro received SCC revenue from a new connector buy-in that was not initially anticipated in the 2023 Budget. Therefore, the SCC revenue received outpaced projections for 2022 by approximately \$25 million.

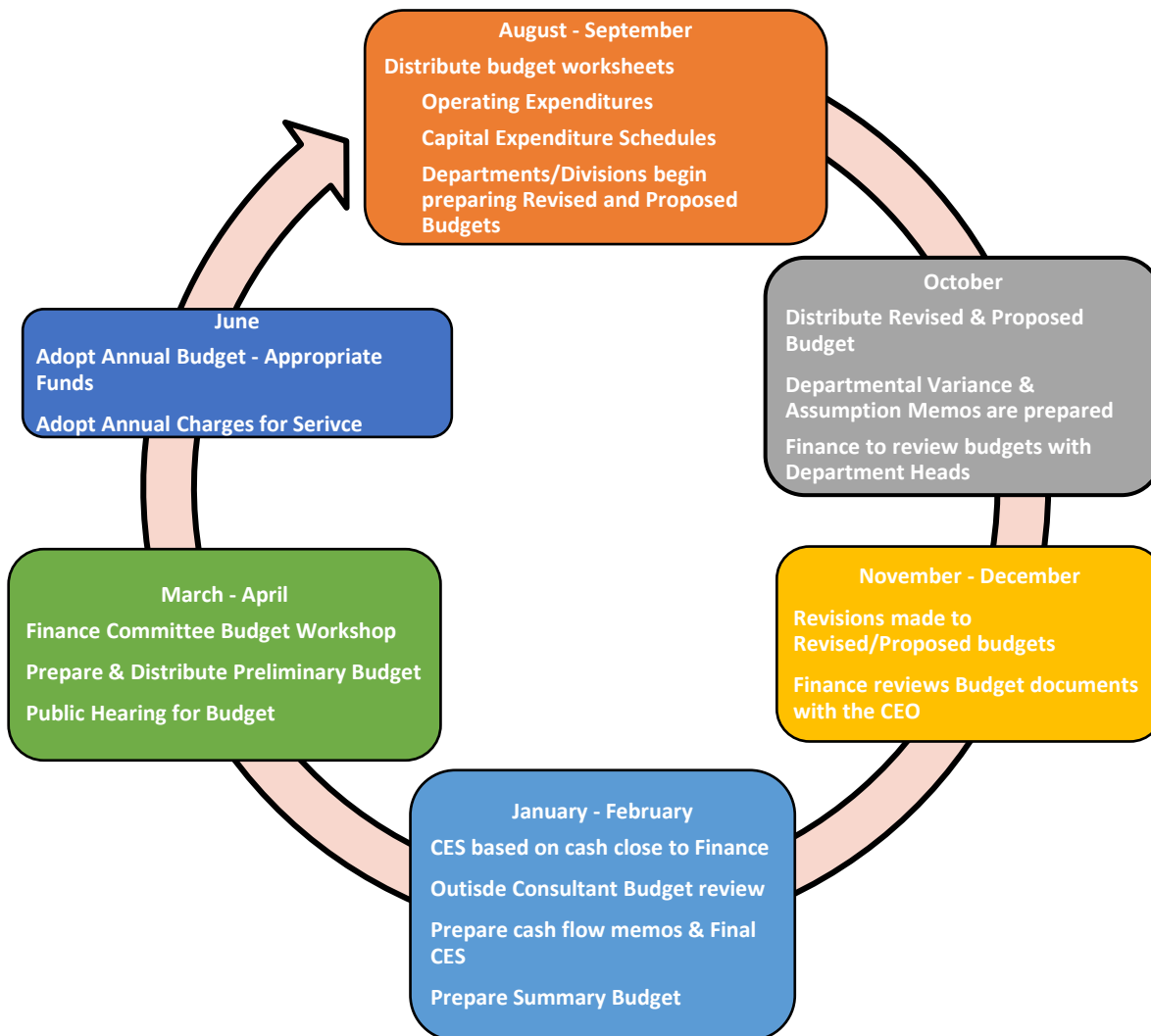
Metro continues to track a variety of economic conditions which may affect future operations and budget projections. 2022 saw unprecedented turnover of employment, and Metro's turnover rate at times, was above the strategic target. Metro was able to successfully fill skilled positions which had previously been challenging to fill. Wages and benefits are increasing at a rate higher than has been experienced in quite some time, and being proactive in an already tight labor market, Metro approved a salary structure to stay competitive at a prevailing rate. Metro is also watching prices of chemicals, utilities, and maintenance contracts as supply chain and inflationary pressures continue throughout the region.

## **BUDGET PROCESS AND MANAGEMENT IMPROVEMENTS**

The annual operating budget process, which takes almost a full year to complete, involves gathering input and data from departments, engaging in thoughtful discussions on identified needs, and reviewing various budget versions with the CEO and Executive Leadership Team. The capital budget process lines up with the annual operating budget process to ensure both are ready to be used together in the Cash Flow Schedule as the Consulting Engineer reviews the operating budget mid-January. The Cash Flow Schedule is used to develop the Annual Charges for Services. The operating budget, capital budget, and Annual Charges for Services are presented in various Board meetings during the Spring leading to the adoption of the operating budget and Annual Charges for Services in June.

Over the years, Metro staff have improved the annual budget process, presenting budgets more accurately, reflecting projected expenditures, and providing relatively stable Annual Charges for Service. These improvements include the following:

- Preparation and adoption of a revised budget for the current year to reflect what staff expects to spend relative to the budgeted amounts.
- Incorporation of a vacancy rate adjustment in projected operating expenditures, on the assumption savings will occur during the year due to unanticipated staff turnover, and the amount of time it takes to fill vacant positions.
- Implementation of a Phase Gates process to support the Enterprise Plan, which prioritizes capital and non-capital projects to optimize Cash Flow requirements, resource allocation, and organizational flexibility, while maintaining prudent Annual Charges for Service rate increases.
- Development of an Asset Management Program. Includes creating governance documents, and a Strategic Asset Management Plan (SAMP) to provide a roadmap for implementing the program.
- Use of capital project probability factors to estimate capital expenditures for cash flow purposes over the planning period.



**2024 OPERATING BUDGET DETAILS**

**Revenues**

Metro has two main revenue sources. The primary operating revenue is the Annual Charges for Services. The primary non-operating revenue source is the Sewer Connection Charge.

Annual Charges for Services (Annual Charges) is a fee Connectors pay to fund the annual operating budget, debt service costs, capital needs, and other financial requirements. Annual Charges are calculated and charged to Connectors based on each Connector’s flow (amount contributed to the system) and load (the concentration of the flow). The Annual Charges rate is set by the Metro Board of Directors in June of each year, and the allocation to each Connector is set in August of each year for the following calendar year. The Annual Charges for 2024 are budgeted at \$155,211,122, which is seven (7) percent higher than the 2023 Annual Charges. This is based on the 2024 Budget Cash Flow Schedule for 2023–2033. Annual Charges are projected into the future each year; however, they are only adopted for the next calendar year. A

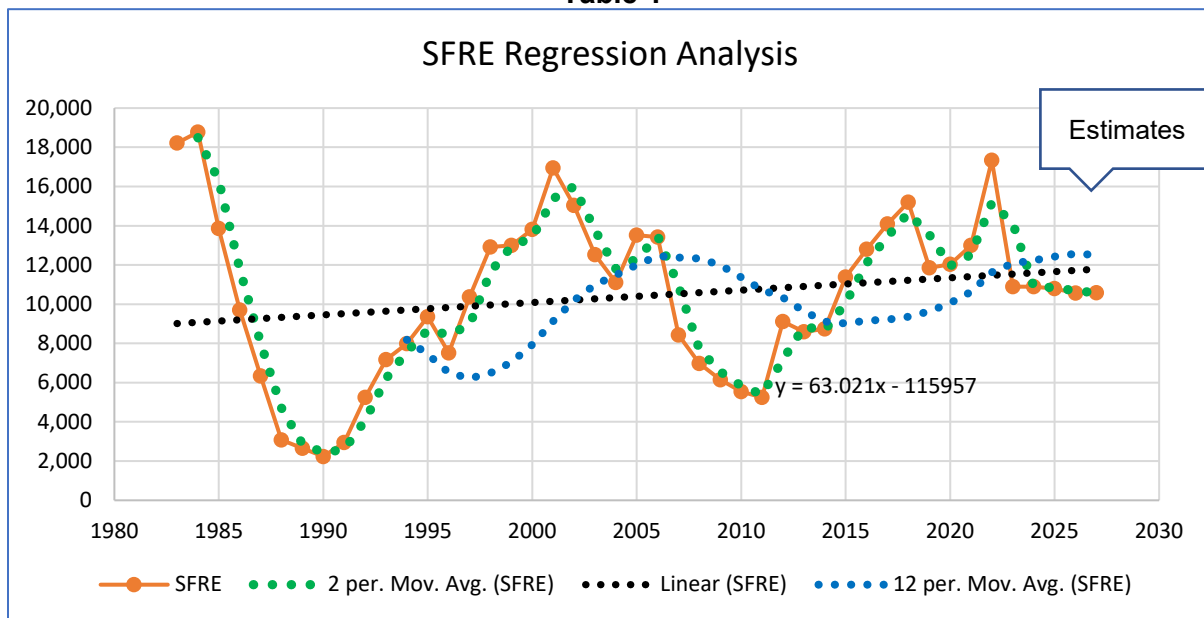
comparison of projected Annual Charges percentage increases this year, versus the projection done last year during the 2023 Budget process is included in the following table.

Annual Charges for Service Revenue Increases		
Year	Adopted 2024 Budget	Adopted 2023 Budget
2024	7.0%	5.0%
2025	6.0%	5.0%
2026-2032	5.0%	4.0%
2033	5.0%	5.0%

Sewer Connection Charges (SCC) are the other primary revenue source for Metro. SCC are collected from Connectors for the purpose of defraying the capital and debt service costs for each new connection to the treatment system. The SCC for 2024 is \$5,520 per single-family resident equivalent (SFRE).

For 2024, Metro staff updated the analysis and reviewed all the SFRE history over the last 40 years. The linear regression line was hovering around 10,300 SFRE (Table 1). Therefore, staff recommends SCC revenues be based on an average of 10,300 SFRE per year. This approach was more conservative than those used in the past and helped to mitigate the risk of over-projecting revenues in the Cash Flow Schedule. A summary of projected SCC revenues and assumptions can be found in Table 2.

**Table 1**



A summary of SCC revenue projections and assumptions is provided below.

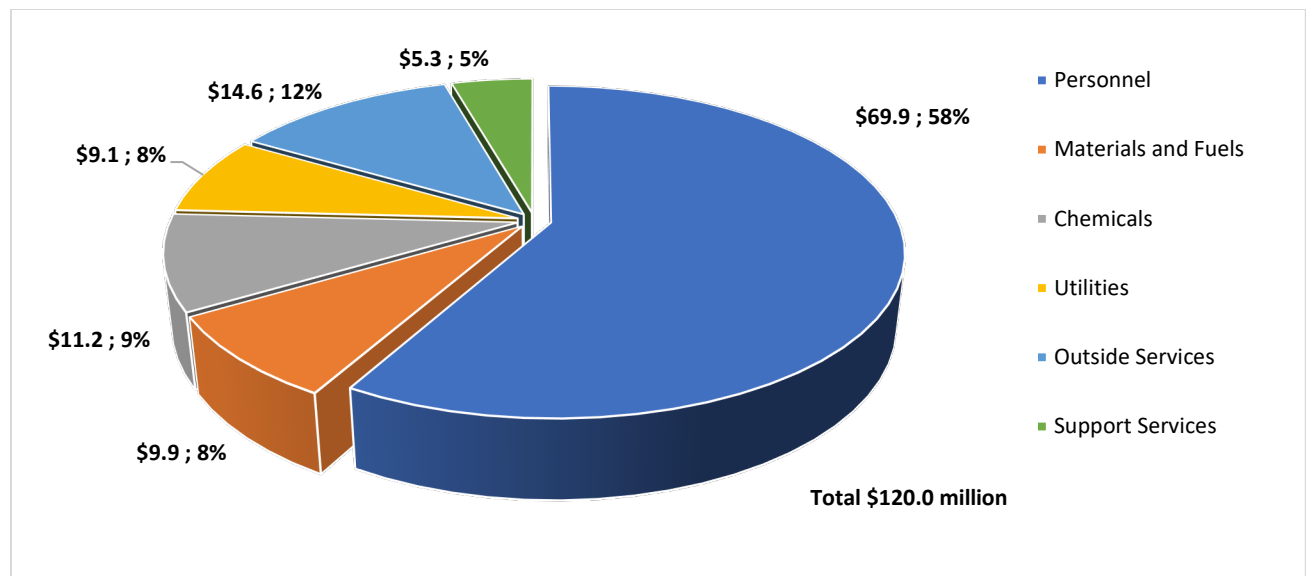
**Table 2**

Budget Year	Average used for Revenue Projection	SCC Revenue Projection	SCC Revenue Actual	Total SFREs actual and projected	SFREs Variance from prior year	% Variance from prior year	AC Rate change actual and projected
2014	5-year	27,391,508	34,639,804	8,747	n/a	n/a	4.5%
2015	5-year	30,836,520	45,098,049	11,388	2,641	30.2%	4.5%
2016	4-year	40,185,873	54,064,758	12,812	1,424	12.5%	3.8%
2017	4-year	42,951,570	59,490,896	14,097	1,285	10.0%	2.0%
2018	5-year	48,432,601	64,159,892	15,204	1,107	7.9%	2.0%
2019	5-year	49,890,267	50,654,566	11,893	(3,311)	-21.8%	2.0%
2020	37-year reduced 50%	23,005,850	52,282,954	12,047	154	1.3%	2.5%
2021	38-year reduced 50%	30,259,250	59,170,492	13,005	958	8.0%	0.0%
2022	39-year	50,377,050	81,668,331	17,339	4,334	33.3%	2.0%
2023*	40-year	55,750,600	n/a	10,889	(6,450)	-37.2%	5.0%
2024*	40-year	56,358,710	n/a	10,901	12	0.1%	7.0%
2025*	40-year	56,396,894	n/a	10,804	(97)	-0.9%	6.0%
2026*	40-year	55,718,954	n/a	10,573	(231)	-2.1%	5.0%
2027*	40-year	56,325,294	n/a	10587	14	0.1%	5.0%

\*projected

**Expenses**

The adopted 2024 Budget of \$119,986,098 is \$10,548,247, or 9.6 percent higher, than the adopted 2023 Operating Budget (2023 Budget). Of the increase, \$6,117,613, or 58 percent of the total increase, results primarily from wage increases and increases in employee benefit costs, including Metro’s required contribution to the Defined Benefit Retirement Plan, and the cost of medical insurance and the addition of seven new budgeted positions. The remaining increase of \$4,440,634, or 42 percent, results primarily from an increase in the amount, and cost of treatment chemicals, utilities, materials and fuels, as well as an increase in outside services – Information Technology, and property insurance.



### **Personnel**

Regular wages and benefits budgeted for 2024 are \$69,876,750, which is \$6,117,613, or 9.6 percent, higher than the adopted 2023 Budget. This increase in wages and benefits is primarily attributable to a budgeted wage increase of five percent, an anticipated increase in Metro's contribution to the Defined Benefit Retirement Plan, an increase in the cost of the medical insurance and other benefits and a net increase of seven positions. The total budgeted positions in 2024 is 479, an increase of seven positions from the adopted 2023 Budget of 471.75. Detailed descriptions of the changes in positions for 2024 are included in the staffing section below.

### **Materials and Fuels**

The adopted 2024 Budget for materials and fuels is \$9,900,440, which is \$775,094, or 8.5 percent, higher than the adopted 2023 Budget. This is primarily due to increases in materials and supplies, diesel fuel, and IT devices.

### **Materials and Supplies**

The adopted 2024 Budget for materials and supplies is \$8,117,940, which is \$277,344, or 3.5 percent, higher than the adopted 2023 Budget. This increase reflects anticipated increases in materials and supplies needed to maintain the increased number of assets under management. Additionally, staff anticipates materials and supplies prices to increase due to inflationary pressures.

### **Diesel Fuel**

The adopted 2024 Budget for diesel fuel is \$990,000, which is \$231,000, or 30.4 percent, higher than the adopted 2023 Budget. This increase is due to price increases in fuel due to inflationary pressures.

### **IT Devices**

The adopted 2024 Budget for IT devices is \$200,000, which is \$200,000 higher than the adopted 2023 Budget. This is a new category of expense which was previously lumped together with materials and supplies, making these items more difficult to track. This category includes devices used by individuals, such as laptops and keyboards, as well as IT infrastructure devices such as servers and switches which are not considered capital equipment.

### **Chemicals**

The adopted 2024 Budget for all chemicals is \$11,186,000, which is \$1,211,500, or 12.1 percent, higher than the adopted 2023 Budget. This is primarily due to increases in usage and unit prices.

### **Peracetic Acid**

The adopted 2024 Budget for peracetic acid (PAA) is \$3,541,000, which is \$641,000, or 22.1 percent, higher than the adopted 2023 Budget. This increase reflects actual anticipated utilization of the disinfectant in addition to anticipated higher unit costs for PAA.

## **Polymer**

The adopted 2024 Budget for polymer is \$4,200,000, which is \$480,000, or 12.9 percent, higher than the adopted 2023 Budget. This increase is due to an anticipated increase in the unit price of polymer.

## **METROGRO Farm Chemicals**

The adopted 2024 Budget for farm chemicals is \$1,645,000, which is \$195,000, or 10.6 percent, lower than the adopted 2023 Budget. This decrease reflects the anticipated reduction in the utilization of chemicals at the farm.

## **Utilities**

The adopted 2024 Budget for all utilities is \$9,071,000, which is \$1,041,000, or 13.0 percent, higher than the adopted 2023 Budget. This change is primarily due to anticipated increases in usage as well as the unit price for electrical power and natural gas.

## **Natural Gas/Propane**

The adopted 2024 Budget for natural gas/propane is \$1,091,000, which is \$364,000, or 50.1 percent, higher than the adopted 2023 Budget. This change is primarily due to anticipated increases in the unit price and usage of natural gas.

## **Electrical Power**

The adopted 2024 Budget for electrical power is \$7,175,000, which is \$630,000, or 9.6 percent, higher than the adopted 2023 Budget. This change is primarily due to anticipated increases in usage and the unit price for electrical power.

## **Outside Services**

The adopted 2024 Budget for all 2024 outside services is \$14,590,239, which is \$846,760, or 6.2 percent, higher than the adopted 2023 Budget. This increase is a result of additional costs in Outside Services – IT Agreements netted with the reduction in Outside Services – Maintenance due to the movement of IT Agreements to its own category.

## **Outside Services – IT Agreements**

The adopted 2024 Budget for Outside Services – IT Agreements is \$2,693,280, which is \$266,000, or 10.96 percent, higher than what was formally in Outside Services – Maintenance for IT in the adopted 2023 Budget. The adopted 2024 Budget for Outside Services – IT Agreements reflects an increase in licensing fees and utilization of cloud-based software services.

## **Outside Services – Maintenance**

The adopted 2024 Budget for Outside Services – Maintenance is \$3,709,380, which is \$2,050,428, or 36.1 percent, lower than the adopted 2023 Budget. The adopted 2024 Budget for Outside Services – Maintenance reflects a decrease due to a budgetary change for IT related maintenance costs. Maintenance costs associated with the Maintenance Department specifically

does reflect an increase of approximately \$425,000, or 23.9 percent, associated with an increase in maintenance of the digesters.

### **Support Expenses**

The adopted 2024 Budget for all support expenses is \$5,361,669, which is \$556,280, or 11.6 percent, higher than the adopted 2023 Budget. This is primarily due to increases in employee development programs, such as training and conferences and property and workers compensation insurances.

### **Staffing**

The following position changes are needed due to changes in Metro's operations. The adopted 2024 Budget includes a net increase of 7.25 additional positions as compared to the adopted 2023 Budget, as listed below.

#### **Engineering Department**

In the revised 2023 Budget, the principal permitting engineer was updated from .75 headcount to 1.0 headcount to support additional workload associated with project permitting.

In the adopted 2024 Budget, one additional engineer electrical I&C associate position has been added to support the increase in electrical work on the plant site and in capital projects.

#### **Operations Department**

In the adopted 2024 Budget, three additional plant operator I positions were added to provide additional support to operations at the RWHTF.

#### **Resource Recovery and Reuse Department**

In the adopted 2024 Budget, two positions have been added. The two positions include the following: one collections system technician to support the increase in line locates program; and one Resource Recovery and Reuse operator to support the hauling and application of biosolids for beneficial use.

#### **Strategy and Communication Department**

In the adopted 2024 Budget, one administrative assistant was added to support strategic and process improvement work.

### **CONCLUSION**

Thank you for your time, attention, and guidance in preparing Metro's 2024 Operating Budget as this is a critical annual operating guidance document for Metro. The preparation of the 2024 Operating Budget was made possible through the dedication and efforts of many staff members throughout the organization. Metro is looking forward to working together to implement this budget and provide an important essential service to the Connectors of Metro.

If you have any comments or questions, please contact Laura Cook, Senior Budget Manager, at 303.286.3226 or by email at [lcook@metrowaterrecovery.com](mailto:lcook@metrowaterrecovery.com).

## 2024 Budget Appropriation Summary

This budget sets forth the anticipated 2024 operations and maintenance expenses; the anticipated 2024 capital equipment and vehicle expenses greater than \$10,000 and less than or equal to \$500,000; the anticipated 2024 small project expenditures; and the 2024 debt service requirements on the 2009B Sewer Improvement Bonds, 2019A&B Sewer Refunding and 2020A Sewer Improvement Bonds.

Adoption of the 2024 Budget will require an appropriation resolution to be approved by the Board of Directors as follows:

### OPERATIONS AND MAINTENANCE REVENUE FUND

Operations and Maintenance (O&M) Expenses	\$119,986,098
O&M Capital Outlay	<u>280,000</u>
Total O&M Expense Requirements	120,266,098

### FIXED ASSET REPLACEMENT FUND

Fixed Asset Replacement Fund (FARF) Capital Outlay	<u>2,733,000</u>
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Total O&M and FARF Expense Requirements \$122,999,098

### DEBT SERVICE FUND

2009B Sewer Improvement Bonds – Interest	5,440,000
2019A&B Sewer Refunding Bonds – Principal	29,440,000
2019A&B Sewer Refunding Bonds – Interest	8,951,000
2020A Sewer Improvement Bonds – Interest	4,650,000
Future Sewer Improvement Bonds – Interest	<u>3,750,000</u>

Total Debt Service Expenditure Requirements 52,231,000

### SMALL PROJECT EXPENDITURES

General Fund	2,500,000
Fixed Asset Replacement Fund	<u>1,000,000</u>

Total Small Project Expenditures 3,500,000

### **TOTAL 2024 APPROPRIATION**

**\$178,730,098**

**CHANGES IN TRUST FUND BALANCE  
2023 and 2024**

**Operations and Maintenance Revenue Fund**

	2023		2024
	Budget	Revised	Adopted
<b>BALANCE, January 1</b>	<b>\$ 28,374,462</b>	<b>28,374,463</b>	<b>31,066,524</b>
Required Reserve	(1,000,000)	(1,000,000)	(1,000,000)
<b>RECEIPTS:</b>			
Annual Charges	145,057,123	145,057,122	155,211,122
Interest and Other Income	2,929,681	4,142,340	4,358,332
Land Application Income	232,000	104,000	104,000
<b>TOTAL RECEIPTS</b>	<b>148,218,804</b>	<b>149,303,462</b>	<b>159,673,454</b>
<b>TOTAL AVAILABLE FOR DISBURSEMENT</b>	<b>175,593,266</b>	<b>176,677,925</b>	<b>189,739,978</b>
<b>DISBURSEMENTS:</b>			
Operating Expenses	108,210,712	114,291,851	118,742,587
Operating Capital	60,000	582,000	280,000
<b>TOTAL DISBURSEMENTS</b>	<b>108,270,712</b>	<b>114,873,851</b>	<b>119,022,587</b>
<b>TRANSFERS (TO)/FROM OTHER FUNDS:</b>			
Debt Service Fund, Principal & Interest	(23,780,185)	(23,657,481)	(30,077,635)
General Fund	(17,143,487)	(12,627,308)	(11,251,397)
Debt Service Fund, Investment Income	318,810	159,908	321,645
General Fund, Investment Income	1,864,878	4,387,331	1,721,349
<b>NET FUND TRANSFERS</b>	<b>(38,739,984)</b>	<b>(31,737,550)</b>	<b>(39,286,038)</b>
<b>REQUIRED RESERVE</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>
<b>BALANCE, December 31</b>	<b>\$ 29,582,570</b>	<b>31,066,524</b>	<b>32,431,353</b>

## Operations and Maintenance Revenue Fund

### Revenues and Expenses 2022 Through 2024

	2022 Actual	2023 Budget      Revised		2024 Adopted
<b>OPERATING REVENUES</b>				
Connector Annual Charges	\$ 138,149,640	145,057,122	145,057,122	155,211,122
Land Application Income	95,276	232,000	104,000	104,000
Farming Income	1,417,202	2,115,000	1,960,000	1,960,000
Other Income *	1,355,367	450,000	2,000,000	2,000,000
<b>TOTAL OPERATING REVENUES</b>	<b>141,017,485</b>	<b>147,854,122</b>	<b>149,121,122</b>	<b>159,275,122</b>
<b>OPERATING EXPENSES **</b>				
Maintenance Department	14,960,132	14,827,900	15,820,300	16,165,100
Northern Treatment Plant	6,631,512	7,222,900	7,234,800	7,605,450
Operations Department	24,119,944	22,760,100	24,573,100	25,800,900
Resource Recovery & Reuse	14,097,718	15,098,550	15,718,200	16,318,700
Administrative Services	5,800,176	5,992,100	6,558,975	6,687,140
Comprehensive Planning	965,443	1,081,800	1,125,200	1,167,800
Engineering	7,859,771	8,246,200	8,804,850	9,305,100
Environmental Services	10,644,315	12,565,375	12,723,339	13,196,329
Human Resources	2,612,712	2,779,850	2,888,800	2,983,760
Information Technology	7,874,167	8,937,475	9,018,880	9,395,980
Office of the General Counsel	999,799	1,576,100	1,806,400	1,895,000
Office of the Chief Executive Officer	2,013,236	2,440,675	2,530,275	2,477,600
Strategy and Communication	1,614,984	1,899,200	2,327,900	2,560,450
Technology and Innovation	3,246,772	4,009,626	4,296,080	4,426,789
<b>TOTAL OPERATING EXPENSES***</b>	<b>103,440,681</b>	<b>109,437,851</b>	<b>115,427,099</b>	<b>119,986,098</b>
 <b>OPERATING REVENUES OVER EXPENSES ****</b>	 <b>37,576,804</b>	 <b>38,416,271</b>	 <b>33,694,023</b>	 <b>39,289,024</b>
 <b>NON-OPERATING REVENUES</b>				
Interest	3,532,018	2,548,369	4,729,579	2,441,326
 <b>NON-OPERATING EXPENSES</b>				
Capital*****	243,421	60,000	582,000	280,000
 <b>REVENUES OVER EXPENSES</b>	 <b>\$ 40,865,401</b>	 <b>40,904,640</b>	 <b>37,841,602</b>	 <b>41,450,350</b>

\* Includes income from septic haulers.

\*\* The vacancy rate adjustment is included in budgeted operating expenses

\*\*\*\* Excludes any depreciation and/or amortization

\*\*\*\*\* Replacement equipment and vehicles ≥ \$10,000 ≤ \$250,000 are funded from the Fixed Asset Replacement Fund

**Calculation of Annual Charges  
2022 Through 2024**

	2022 Adopted	2023 Adopted	2024 Adopted	2023-2024 Variance	
				Dollars	Percent
<b>OPERATING EXPENSES *</b>					
Maintenance	\$ 14,145,235	14,827,900	16,165,100	1,337,200	9.0%
Operations	21,421,768	22,760,100	7,605,450	(15,154,650)	-66.6%
Northern Treatment Plant	5,900,139	7,222,900	25,800,900	18,578,000	257.2%
Resource Recovery & Reuse	14,461,151	15,098,550	16,318,700	1,220,150	8.1%
Administrative Services	13,060,594	5,992,100	6,687,140	695,040	11.6%
Comprehensive Planning	975,531	1,081,800	1,167,800	86,000	7.9%
Engineering	7,968,549	8,246,200	9,305,100	1,058,900	12.8%
Environmental Services	12,652,784	12,565,375	13,196,329	630,954	5.0%
Human Resources	2,451,858	2,779,850	2,983,760	203,910	7.3%
Information Technology	0	8,937,475	9,395,980	458,505	5.1%
Office of the General Counsel	1,057,261	1,576,100	1,895,000	318,900	20.2%
Office of the Chief Executive Officer	1,411,739	2,440,675	2,477,600	36,925	1.5%
Strategy and Communication	1,473,415	1,899,200	2,560,450	661,250	34.8%
Technology and Innovation	1,746,199	4,009,626	4,426,789	417,163	10.4%
Subtotal	98,726,223	109,437,851	119,986,098	10,548,247	9.6%
Less Net Revenues over Expenses Adjustment	1,308,260	1,227,139	1,243,511	16,372	1.3%
<b>Total Operating Expenses **</b>	<b>97,417,963</b>	<b>108,210,712</b>	<b>118,742,587</b>	<b>10,531,875</b>	<b>9.7%</b>
<b>DEBT SERVICE</b>					
Principal and Interest					
2009A&B Sewer Improvement Bonds	3,644,369	3,644,369	3,644,369	-	0.0%
2012A Sewer Improvement Bonds	10,798,375	-	-	-	0.0%
2019A&B Sewer Refunding Bonds	28,029,332	38,577,786	38,390,425	(187,361)	-0.5%
2020A Sewer Improvement Bonds	4,646,706	4,646,706	4,646,706	-	0.0%
Future Sewer Improvement Bonds	-	-	3,750,000	3,750,000	0.0%
	47,118,782	46,868,861	50,431,500	3,562,639	7.6%
Less Sewer Connection Charge Transfer	23,559,391	23,434,430	25,215,750	1,781,320	7.6%
<b>Total Debt Service</b>	<b>23,559,391</b>	<b>23,434,431</b>	<b>25,215,750</b>	<b>1,781,319</b>	<b>7.6%</b>
<b>CAPITAL EXPENDITURES</b>					
Appropriated O&M Fund	418,000	60,000	280,000	220,000	366.7%
Cash Flow Fund Requirements	21,357,546	18,697,349	17,478,111	(1,219,238)	-6.5%
<b>Total Capital Expenditures</b>	<b>21,775,546</b>	<b>18,757,349</b>	<b>17,758,111</b>	<b>(999,238)</b>	<b>-5.3%</b>
<b>OTHER REQUIREMENTS AND REVENUES</b>					
General Fund Requirement	20,230,711	17,143,487	11,251,397	(5,892,090)	-34.4%
Investment and Other Income	(4,603,260)	(5,345,369)	(6,505,326)	(1,159,957)	21.7%
General Fund Transfer	(20,230,711)	(17,143,487)	(11,251,397)	5,892,090	-34.4%
<b>Total Other Requirements &amp; Revenues</b>	<b>(4,603,260)</b>	<b>(5,345,369)</b>	<b>(6,505,326)</b>	<b>(1,159,957)</b>	<b>21.7%</b>
<b>TOTAL ANNUAL CHARGES</b>	<b>\$ 138,149,640</b>	<b>145,057,123</b>	<b>155,211,122</b>	<b>10,153,999</b>	<b>7.00%</b>
<b>Percent Increase/(Decrease) in Annual Charges from prior years</b>	<b>2.00%</b>	<b>5.00%</b>	<b>7.00%</b>		

\* The vacancy rate is included in operating expenses

\*\* Excludes depreciation and amortization

# Metro Water Recovery

## *Description of Operations*

Metro’s mission is to protect the region’s health and environment by cleaning water and recovering resources. The primary responsibility is to provide wastewater transmission and treatment services to Member Municipalities and Special Connectors in compliance with federal, state, and county laws in the most efficient and cost-effective means possible. Recovering resources such as heat and energy which are used for the treatment facilities and nutrients in the form of an organic soil conditioner and fertilizer for agricultural use have proven to be cost-effective, sustainable strategies.

Metro’s 2023 Revised Budget increased by 5.5% compared to the 2023 Budget. The 2024 Budget is increasing by 9.6% compared to the 2023 Budget. This is due to a budgeted increase in personnel, chemicals, utilities, and outside services and support services.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 63,759,137	\$ 66,429,850	\$ 2,670,713	\$ 69,876,750	\$ 6,117,613
Materials & Fuels	9,125,346	9,743,986	618,640	9,900,440	775,094
Chemicals	9,974,500	10,474,000	499,500	11,186,000	1,211,500
Utilities	8,030,000	8,758,000	728,000	9,071,000	1,041,000
Outside Services	13,743,479	14,753,104	1,009,625	14,590,239	846,760
Support Expenses	4,805,389	5,268,159	462,770	5,361,669	556,280
Total Administrative Services	\$ 109,437,851	\$ 115,427,099	\$ 5,989,248	\$ 119,986,098	\$ 10,548,247

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total District Staff	471.75	472.00	0.25	479.00	7.25

## *2022 Highlights*

- 2.2 million people served daily
- 805-square mile service area
- 61 connectors
- 40-member Board of Directors
- ~410 employees
- \$1.7 billion in assets
- 2 advanced treatment plants with total 248.8 million gallons per day capacity
- 52,000-acre dryland farm on Eastern Plains
- 56 years of regional wastewater treatment

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

		2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
						Dollars	Percent
5101	REGULAR WAGES	34,867,550	41,480,100	42,580,900	45,173,400	3,693,300	8.9%
5103	TEMPORARY WAGES	41,371	79,000	80,000	88,000	9,000	11.4%
5104	ON-CALL WAGES	389,446	332,495	441,000	424,000	91,505	27.5%
5105	OVERTIME WAGES	1,567,712	1,177,943	1,238,550	1,348,050	170,107	14.4%
5106	INTERN WAGES	46,350	75,000	145,000	135,000	60,000	80.0%
5108	EMPLOYEE INCENTIVE PAY	467,450	214,000	259,000	271,000	57,000	26.6%
5109	BENEFITS	18,834,957	20,320,199	21,603,800	22,355,700	2,035,501	10.0%
5110	CAR ALLOWANCE	80,600	80,400	81,600	81,600	1,200	1.5%
Total PERSONNEL		56,295,436	63,759,137	66,429,850	69,876,750	6,117,613	9.6%
5213	MATERIALS & SUPPLIES	8,475,430	7,840,596	8,052,486	8,117,940	277,344	3.5%
5215	TIRES & TUBES	205,634	220,000	220,000	240,000	20,000	9.1%
5220	UNIFORMS	154,851	160,000	160,000	160,000	-	0.0%
5225	GASOLINE	186,697	145,750	181,500	192,500	46,750	32.1%
5230	DIESEL FUEL	1,102,730	759,000	930,000	990,000	231,000	30.4%
5245	IT DEVICES	-	-	200,000	200,000	200,000	0.0%
Total MATERIALS & FUELS		10,125,341	9,125,346	9,743,986	9,900,440	775,094	8.5%
5320	FERRIC CHLORIDE	368,184	380,000	435,000	491,000	111,000	29.2%
5329	POLYMER - WAS	29,437	30,000	35,000	40,000	10,000	33.3%
5330	POLYMER - DAF	618,599	530,000	600,000	600,000	70,000	13.2%
5332	POLYMER - DEWATERING	103,717	160,000	160,000	170,000	10,000	6.3%
5335	POLYMER - CENTRIFUGE	2,538,288	3,000,000	3,000,000	3,390,000	390,000	13.0%
5338	ACETIC ACID	78,846	26,500	35,000	40,000	13,500	50.9%
5339	PERACETIC ACID	4,698,516	2,900,000	3,500,000	3,541,000	641,000	22.1%
5341	SODIUM BISULFITE	114,245	150,000	150,000	160,000	10,000	6.7%
5342	SODIUM HYPOCHLORITE	131,966	50,000	50,000	150,000	100,000	200.0%
5346	HERBICIDE/PESTICIDE	-	50,000	50,000	55,000	5,000	10.0%
5347	MAGNESIUM CHLORIDE	940,237	700,000	700,000	735,000	35,000	5.0%
5348	FARM CHEMICALS	1,460,682	1,840,000	1,600,000	1,645,000	(195,000)	-10.6%
5351	CALCIUM HYDROXIDE	50,956	62,500	62,500	66,000	3,500	5.6%
5355	MINERAL OIL	10,269	10,000	16,000	16,000	6,000	60.0%
5358	ALUM	11,120	30,500	30,500	33,000	2,500	8.2%
5361	DEFOAMENT	46,386	30,000	50,000	54,000	24,000	80.0%
5365	SCALING INHIBITOR	18,258	25,000	-	-	(25,000)	-100.0%
Total CHEMICALS		11,219,706	9,974,500	10,474,000	11,186,000	1,211,500	12.1%

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

		2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
						Dollars	Percent
5410	NATURAL GAS/PROPANE	1,142,779	727,000	1,000,000	1,091,000	364,000	50.1%
5411	NATURAL GAS - COGEN	69,727	140,000	140,000	150,000	10,000	7.1%
5415	POTABLE WATER	544,774	618,000	618,000	655,000	37,000	6.0%
5420	ELECTRICAL POWER	7,210,395	6,545,000	7,000,000	7,175,000	630,000	9.6%
Total UTILITIES		8,967,675	8,030,000	8,758,000	9,071,000	1,041,000	13.0%
5515	OS - AUDIT	100,688	70,000	73,500	76,500	6,500	9.3%
5520	OS - TRUSTEE	289,696	315,000	317,250	323,250	8,250	2.6%
5525	OS - LEGAL	345,848	500,000	500,000	550,000	50,000	10.0%
5530	OS - ENGINEERING	118,500	140,000	176,000	182,000	42,000	30.0%
5535	OS - IT AGREEMENTS	-	-	2,546,280	2,693,280	2,693,280	0.0%
5536	OS - IT CONTRACTS	-	-	75,000	75,000	75,000	0.0%
5540	OS - RENTAL	3,681	193,400	253,600	260,600	67,200	34.7%
5549	OS - OTHER	3,969,155	4,625,089	4,958,110	4,748,815	123,726	2.7%
5550	OS - ENGIE	1,355,947	1,750,000	1,750,000	1,500,000	(250,000)	-14.3%
5556	OS - MAINTENANCE	5,853,931	5,679,628	3,629,200	3,709,380	(1,970,248)	-34.7%
5560	APPLICATION FEES	281,069	223,000	223,000	240,000	17,000	7.6%
5565	REGULATORY FEES	106,731	167,362	151,164	131,414	(35,948)	-21.5%
5570	DIRECTORS ALLOWANCE	78,170	80,000	100,000	100,000	20,000	25.0%
Total OUTSIDE SERVICES		12,503,416	13,743,479	14,753,104	14,590,239	846,760	6.2%
5610	MEMBERSHIPS	261,127	314,531	323,985	296,885	(17,646)	-5.6%
5615	TELECOMMUNICATIONS	464,065	486,000	515,200	515,200	29,200	6.0%
5620	POSTAGE & FREIGHT	10,966	11,000	12,000	12,000	1,000	9.1%
5625	PRINTING & ADVERTISING	71,104	63,800	64,100	64,100	300	0.5%
5635	COPYING EXPENSE	114,400	140,000	148,000	148,000	8,000	5.7%
5645	INSURANCE	2,137,353	2,061,600	2,382,300	2,328,100	266,500	12.9%
5655	EMPLOYEE TUITION REIMBURSEM	32,469	45,000	45,000	45,000	-	0.0%
5656	EMPLOYEE EVENTS	101,599	97,150	98,500	101,760	4,610	4.7%
5657	HEALTH & FITNESS	52,561	45,000	80,000	80,000	35,000	77.8%
5658	RECOGNITION	112,509	133,000	137,500	142,500	9,500	7.1%
5659	DISTRICT-WIDE TRAINING	51,865	150,000	146,000	146,000	(4,000)	-2.7%
5660	CATERING SERVICES	33,171	22,000	35,000	40,000	18,000	81.8%
5685	MEETINGS & CONFERENCES	482,643	594,466	609,325	651,475	57,009	9.6%
5686	TRAINING & DEVELOPMENT	330,595	570,296	597,549	707,249	136,953	24.0%
5687	SUBSCRIPTIONS/PUBLICATIONS	72,681	71,546	73,700	83,400	11,854	16.6%
Total SUPPORT SERVICES		4,329,108	4,805,389	5,268,159	5,361,669	556,280	11.6%
<b>Total METRO</b>		<b>\$ 103,440,682</b>	<b>\$ 109,437,851</b>	<b>\$ 115,427,099</b>	<b>\$ 119,986,098</b>	<b>\$ 10,548,247</b>	<b>9.6%</b>

METRO WATER RECOVERY

OBJECT SUMMARY BY DEPARTMENT

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget	
					*** Variance *** Dollars	Percent
<b>RWHTF MAINTENANCE</b>						
PERSONNEL	8,675,290	9,946,200	10,152,700	10,480,500	534,300	5.4%
MATERIALS & FUELS	3,774,658	2,900,500	3,255,600	3,255,600	355,100	12.2%
CHEMICALS	18,258	25,000	-	-	(25,000)	-100.0%
OUTSIDE SERVICES	2,318,343	1,825,000	2,280,000	2,285,000	460,000	25.2%
SUPPORT EXPENSES	173,583	131,200	132,000	144,000	12,800	9.8%
<b>TOTAL RWHTF MAINTENANCE</b>	<b>14,960,132</b>	<b>14,827,900</b>	<b>15,820,300</b>	<b>16,165,100</b>	<b>1,337,200</b>	<b>9.0%</b>
<b>RWHTF OPERATIONS</b>						
PERSONNEL	5,114,341	5,517,600	5,899,600	6,471,100	953,500	17.3%
MATERIALS & FUELS	97,902	156,000	156,000	163,800	7,800	5.0%
CHEMICALS	9,362,105	7,670,000	8,416,000	9,046,000	1,376,000	17.9%
UTILITIES	7,064,887	6,290,000	6,960,000	7,142,000	852,000	13.5%
OUTSIDE SERVICES	2,422,720	3,015,000	3,030,000	2,857,000	(158,000)	-5.2%
SUPPORT EXPENSES	57,989	111,500	111,500	121,000	9,500	8.5%
<b>TOTAL RWHTF OPERATIONS</b>	<b>24,119,944</b>	<b>22,760,100</b>	<b>24,573,100</b>	<b>25,800,900</b>	<b>3,040,800</b>	<b>13.4%</b>
<b>NTP OPERATIONS &amp; MAINTENANCE</b>						
PERSONNEL	2,614,717	3,583,400	3,428,800	3,581,900	(1,500)	0.0%
MATERIALS & FUELS	909,097	745,000	760,000	810,000	65,000	8.7%
CHEMICALS	378,661	389,500	408,000	440,000	50,500	13.0%
UTILITIES	1,722,703	1,535,000	1,588,000	1,697,000	162,000	10.6%
OUTSIDE SERVICES	959,512	916,000	996,000	1,005,550	89,550	9.8%
SUPPORT EXPENSES	46,822	54,000	54,000	71,000	17,000	31.5%
<b>TOTAL NTP OPERATIONS &amp; MAINTENANCE</b>	<b>6,631,512</b>	<b>7,222,900</b>	<b>7,234,800</b>	<b>7,605,450</b>	<b>382,550</b>	<b>5.3%</b>
<b>RESOURCE RECOVERY AND REUSE</b>						
PERSONNEL	7,476,096	8,014,800	8,598,200	9,217,200	1,202,400	15.0%
MATERIALS & FUELS	3,566,637	3,259,750	3,523,500	3,622,500	362,750	11.1%
CHEMICALS	1,460,682	1,890,000	1,650,000	1,700,000	(190,000)	-10.1%
UTILITIES	180,085	205,000	210,000	232,000	27,000	13.2%
OUTSIDE SERVICES	1,332,101	1,595,000	1,602,500	1,400,000	(195,000)	-12.2%
SUPPORT EXPENSES	82,116	134,000	134,000	147,000	13,000	9.7%
<b>TOTAL RESOURCE RECOVERY AND REUSE</b>	<b>14,097,718</b>	<b>15,098,550</b>	<b>15,718,200</b>	<b>16,318,700</b>	<b>1,220,150</b>	<b>8.1%</b>
<b>ADMINISTRATIVE SERVICES</b>						
PERSONNEL	2,899,943	3,196,900	3,386,300	3,523,600	326,700	10.2%
MATERIALS & FUELS	263,159	237,200	247,680	248,600	11,400	4.8%
OUTSIDE SERVICES	458,368	426,900	463,350	505,850	78,950	18.5%
SUPPORT EXPENSES	2,178,706	2,131,100	2,461,645	2,409,090	277,990	13.0%
<b>TOTAL ADMINISTRATIVE SERVICES</b>	<b>5,800,176</b>	<b>5,992,100</b>	<b>6,558,975</b>	<b>6,687,140</b>	<b>695,040</b>	<b>11.6%</b>

METRO WATER RECOVERY

OBJECT SUMMARY BY DEPARTMENT

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget	
					*** Variance *** Dollars	Percent
COMPREHENSIVE PLANNING						
PERSONNEL	943,631	994,000	1,020,700	1,063,300	69,300	7.0%
MATERIALS & FUELS	1,909	8,000	7,000	7,000	(1,000)	-12.5%
OUTSIDE SERVICES	8,946	60,000	75,000	75,000	15,000	25.0%
SUPPORT EXPENSES	10,957	19,800	22,500	22,500	2,700	13.6%
<b>TOTAL COMPREHENSIVE PLANNING</b>	<b>965,443</b>	<b>1,081,800</b>	<b>1,125,200</b>	<b>1,167,800</b>	<b>86,000</b>	<b>7.9%</b>
ENGINEERING						
PERSONNEL	7,635,520	7,976,700	8,426,000	8,907,700	931,000	11.7%
MATERIALS & FUELS	16,952	15,000	15,750	16,500	1,500	10.0%
OUTSIDE SERVICES	140,100	170,000	261,600	272,100	102,100	60.1%
SUPPORT EXPENSES	67,199	84,500	101,500	108,800	24,300	28.8%
<b>TOTAL ENGINEERING</b>	<b>7,859,771</b>	<b>8,246,200</b>	<b>8,804,850</b>	<b>9,305,100</b>	<b>1,058,900</b>	<b>12.8%</b>
ENVIRONMENTAL SERVICES						
PERSONNEL	8,682,080	10,005,088	10,088,200	10,498,000	492,912	4.9%
MATERIALS & FUELS	663,185	1,054,122	957,576	937,576	(116,546)	-11.1%
OUTSIDE SERVICES	1,156,780	1,319,299	1,469,874	1,540,884	221,585	16.8%
SUPPORT EXPENSES	142,270	186,866	207,689	219,869	33,003	17.7%
<b>TOTAL ENVIRONMENTAL SERVICES</b>	<b>10,644,315</b>	<b>12,565,375</b>	<b>12,723,339</b>	<b>13,196,329</b>	<b>630,954</b>	<b>5.0%</b>
HUMAN RESOURCES						
PERSONNEL	1,823,209	1,929,150	1,975,750	2,057,450	128,300	6.7%
MATERIALS & FUELS	55,967	65,000	65,000	65,000	-	0.0%
OUTSIDE SERVICES	226,540	179,000	196,000	196,000	17,000	9.5%
SUPPORT EXPENSES	506,997	606,700	652,050	665,310	58,610	9.7%
<b>TOTAL HUMAN RESOURCES</b>	<b>2,612,713</b>	<b>2,779,850</b>	<b>2,888,800</b>	<b>2,983,760</b>	<b>203,910</b>	<b>7.3%</b>
INFORMATION TECHNOLOGY						
PERSONNEL	4,003,832	5,327,300	5,255,900	5,471,000	143,700	2.7%
MATERIALS & FUELS	467,984	300,000	354,000	354,000	54,000	18.0%
OUTSIDE SERVICES	2,795,663	2,527,280	2,621,280	2,783,280	256,000	10.1%
SUPPORT EXPENSES	606,688	782,895	787,700	787,700	4,805	0.6%
<b>TOTAL INFORMATION TECHNOLOGY</b>	<b>7,874,167</b>	<b>8,937,475</b>	<b>9,018,880</b>	<b>9,395,980</b>	<b>458,505</b>	<b>5.1%</b>

METRO WATER RECOVERY

OBJECT SUMMARY BY DEPARTMENT

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget	
					*** Variance *** Dollars	Percent
OFFICE OF THE CEO						
PERSONNEL	1,581,291	1,635,500	1,709,400	1,780,100	144,600	8.8%
MATERIALS & FUELS	11,599	27,600	15,500	15,500	(12,100)	-43.8%
OUTSIDE SERVICES	105,322	385,000	400,000	300,000	(85,000)	-22.1%
SUPPORT EXPENSES	315,024	392,575	405,375	382,000	(10,575)	-2.7%
<b>TOTAL OFFICE OF THE CEO</b>	<b>2,013,236</b>	<b>2,440,675</b>	<b>2,530,275</b>	<b>2,477,600</b>	<b>36,925</b>	<b>1.5%</b>
OFFICE OF THE GENERAL COUNSEL						
PERSONNEL	614,743	639,200	863,200	898,500	259,300	40.6%
MATERIALS & FUELS	2,403	700	700	1,000	300	42.9%
OUTSIDE SERVICES	346,052	900,000	900,000	950,000	50,000	5.6%
SUPPORT EXPENSES	36,601	36,200	42,500	45,500	9,300	25.7%
<b>TOTAL OFFICE OF THE GENERAL COUNSEL</b>	<b>999,799</b>	<b>1,576,100</b>	<b>1,806,400</b>	<b>1,895,000</b>	<b>318,900</b>	<b>20.2%</b>
STRATEGY & COMMUNICATION						
PERSONNEL	1,378,245	1,657,400	2,045,100	2,200,500	543,100	32.8%
MATERIALS & FUELS	9,066	9,500	12,000	11,000	1,500	15.8%
OUTSIDE SERVICES	202,074	170,000	191,000	191,000	21,000	12.4%
SUPPORT EXPENSES	25,599	62,300	79,800	157,950	95,650	153.5%
<b>TOTAL STRATEGY &amp; COMMUNICATION</b>	<b>1,614,984</b>	<b>1,899,200</b>	<b>2,327,900</b>	<b>2,560,450</b>	<b>661,250</b>	<b>34.8%</b>
TECHNOLOGY & INNOVATION						
PERSONNEL	2,852,498	3,335,899	3,580,000	3,725,900	390,001	11.7%
MATERIALS & FUELS	284,823	346,974	373,680	392,364	45,390	13.1%
OUTSIDE SERVICES	30,896	255,000	266,500	228,575	(26,425)	-10.4%
SUPPORT EXPENSES	78,555	71,753	75,900	79,950	8,197	11.4%
<b>TOTAL TECHNOLOGY &amp; INNOVATION</b>	<b>3,246,772</b>	<b>4,009,626</b>	<b>4,296,080</b>	<b>4,426,789</b>	<b>417,163</b>	<b>10.4%</b>
<b>TOTAL METRO</b>	<b>\$ 103,440,682</b>	<b>\$ 109,437,851</b>	<b>\$ 115,427,099</b>	<b>\$ 119,986,098</b>	<b>\$ 10,548,247</b>	<b>9.6%</b>

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<b>TRANSMISSION OF WASTEWATER</b>						
<i>TRANSMISSION - LIFT STATIONS</i>						
PERSONNEL	57,254	73,300.00	77,800	88,400	15,100	20.60%
MATERIALS & FUELS	9,659	10,000	10,000	14,000	4,000	40.00%
UTILITIES	101,824	103,000	105,000	112,000	9,000	8.74%
Subtotal	168,736	186,300	192,800	214,400	28,100	15.08%
<i>TRANSMISSION - ANNUAL CHARGES METERING/SAMPLING</i>						
PERSONNEL	46,786	47,500	69,600	72,000	24,500	51.58%
MATERIALS & FUELS	16,392	70,000	72,000	75,000	5,000	7.14%
UTILITIES	44,813	46,000	46,000	50,000	4,000	8.70%
OUTSIDE SERVICES	17,460	20,000	21,000	22,000	2,000	10.00%
Subtotal	125,450	183,500	208,600	219,000	35,500	19.35%
<i>TRANSMISSION - PLANT METERING/SAMPLING</i>						
PERSONNEL	1,993	11,100	13,800	15,900	4,800	43.24%
MATERIALS & FUELS	7,696	5,000	5,000	6,000	1,000	20.00%
Subtotal	9,689	16,100	18,800	21,900	5,800	36.02%
<i>TRANSMISSION - INDUSTRIAL WASTE METERING/SAMPLING</i>						
PERSONNEL	9,610	46,500	62,250	68,400	21,900	47.10%
MATERIALS & FUELS	1,743	-	-	-	-	0.00%
Subtotal	11,353	46,500	62,250	68,400	21,900	47.10%
<i>TRANSMISSION - OTHER METERING/SAMPLING</i>						
PERSONNEL	5,640	20,700	28,550	30,600	9,900	47.83%
MATERIALS & FUELS	1,395	-	-	-	-	0.00%
Subtotal	7,035	20,700	28,550	30,600	9,900	47.83%
<i>TRANSMISSION - INTERCEPTORS</i>						
PERSONNEL	1,113,926	925,600	931,800	1,044,300	118,700	12.82%
MATERIALS & FUELS	118,144	190,000	195,000	190,000	-	0.00%
UTILITIES	15,928	18,000	21,000	25,000	7,000	38.89%
OUTSIDE SERVICES	35,288	12,000	13,000	15,000	3,000	25.00%
SUPPORT SERVICES	5,511	17,200	17,500	20,000	2,800	16.28%
Subtotal	1,288,796	1,162,800	1,178,300	1,294,300	131,500	11.31%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>TRANSMISSION - LINE LOCATE</i>						
PERSONNEL	43,668	-	-	-	-	0.00%
MATERIALS & FUELS	9,277	-	-	-	-	0.00%
OUTSIDE SERVICES	22,731	-	-	-	-	0.00%
Subtotal	75,675	-	-	-		
<b>TOTAL TRANSMISSION OF WASTEWATER</b>	<b>1,686,735</b>	<b>1,615,900</b>	<b>1,689,300</b>	<b>1,848,600</b>	<b>232,700</b>	<b>14.40%</b>
<i>RWHTF TREATMENT OF WASTEWATER</i>						
<i>NORTH PRIMARY</i>						
PERSONNEL	634,209	725,346	730,400	786,400	61,054	8.42%
MATERIALS & FUELS	215,803	207,000	177,000	177,100	(29,900)	-14.44%
UTILITIES	69,083	250,000	250,000	262,500	12,500	5.00%
OUTSIDE SERVICES	218	50,000	40,000	40,000	(10,000)	-20.00%
Subtotal	919,313	1,232,346	1,197,400	1,266,000	33,654	2.73%
<i>SOUTH PRIMARY</i>						
PERSONNEL	469,641	639,346	640,000	691,800	52,454	8.20%
MATERIALS & FUELS	187,664	48,000	177,000	177,100	129,100	268.96%
UTILITIES	69,083	70,000	100,000	105,000	35,000	50.00%
OUTSIDE SERVICES	15,062	25,000	40,000	40,000	15,000	60.00%
Subtotal	741,450	782,346	957,000	1,013,900	231,554	29.60%
<i>NORTH SECONDARY</i>						
PERSONNEL	757,317	936,076	916,200	971,500	35,424	3.78%
MATERIALS & FUELS	452,844	323,000	183,000	183,400	(139,600)	-43.22%
UTILITIES	2,245,207	1,400,000	1,500,000	1,515,000	115,000	8.21%
OUTSIDE SERVICES	80,597	12,000	40,000	40,000	28,000	233.33%
Subtotal	3,535,965	2,671,076	2,639,200	2,709,900	38,824	1.45%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>SOUTH SECONDARY</i>						
PERSONNEL	650,510	827,613	814,300	877,000	49,387	5.97%
MATERIALS & FUELS	306,994	202,000	185,000	185,500	(16,500)	-8.17%
UTILITIES	1,819,193	1,100,000	1,200,000	1,260,000	160,000	14.55%
OUTSIDE SERVICES	49,043	7,000	40,000	40,000	33,000	471.43%
Subtotal	2,825,740	2,136,613	2,239,300	2,362,500	225,887	10.57%
<i>DISINFECTION</i>						
PERSONNEL	341,024	349,849	354,500	381,200	31,351	8.96%
MATERIALS & FUELS	214,575	69,000	179,000	179,200	110,200	159.71%
CHEMICALS	4,944,727	3,100,000	3,700,000	3,851,000	751,000	24.23%
UTILITIES	253,305	70,000	100,000	105,000	35,000	50.00%
OUTSIDE SERVICES	17,534	15,000	40,000	40,000	25,000	166.67%
Subtotal	5,771,166	3,603,849	4,373,500	4,556,400	952,551	26.43%
<i>GREASE PROCESSING</i>						
PERSONNEL	247,388	267,398	279,700	304,400	37,002	13.84%
MATERIALS & FUELS	19,562	45,500	175,500	175,525	130,025	285.77%
UTILITIES	-	100,000	142,553	161,149	61,149	61.15%
OUTSIDE SERVICES	-	10,000	40,000	40,000	30,000	300.00%
Subtotal	266,951	422,898	637,753	681,074	258,176	61.05%
<i>SUPPORT</i>						
PERSONNEL	6,025,429	5,530,847	5,790,800	5,974,300	443,453	8.02%
MATERIALS & FUELS	421,719	347,800	855,000	859,000	511,200	146.98%
UTILITIES	1,497,598	2,020,000	2,334,894	2,319,702	299,702	14.84%
OUTSIDE SERVICES	141,794	15,000	485,000	525,000	510,000	3400.00%
SUPPORT SERVICES	214,516	205,450	195,750	210,000	4,550	2.21%
Subtotal	8,301,057	8,119,097	9,661,444	9,888,002	1,768,905	21.79%
<i>PROCESS CONTROL OPS</i>						
PERSONNEL	451,811	571,300	554,200	633,000	61,700	10.80%
MATERIALS & FUELS	11,871	5,000	5,000	5,250	250	5.00%
Subtotal	463,682	576,300	559,200	638,250	61,950	10.75%
<b>TOTAL RWHTF TREATMENT OF WASTEWATER</b>	<b>22,825,324</b>	<b>19,544,525</b>	<b>22,264,797</b>	<b>23,116,026</b>	<b>3,571,501</b>	<b>18.27%</b>

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<b>RWHTF PROCESSING OF SOLIDS</b>						
<i>DISSOLVED AIR FLOTATION</i>						
PERSONNEL	355,536	452,632	426,100	470,900	18,268	4.04%
MATERIALS & FUELS	138,417	53,500	175,500	175,525	122,025	228.08%
CHEMICALS	618,599	530,000	600,000	600,000	70,000	13.21%
UTILITIES	391,472	140,000	150,000	157,500	17,500	12.50%
OUTSIDE SERVICES	-	5,000	40,000	40,000	35,000	700.00%
Subtotal	1,504,024	1,181,132	1,391,600	1,443,925	262,793	22.25%
<i>ANAEROBIC DIGESTION</i>						
PERSONNEL	684,660	894,479	794,100	840,400	(54,079)	-6.05%
MATERIALS & FUELS	517,508	416,000	176,000	176,050	(239,950)	-57.68%
CHEMICALS	958,494	875,000	875,000	935,000	60,000	6.86%
UTILITIES	172,708	200,000	242,553	266,149	66,149	33.07%
OUTSIDE SERVICES	535,215	500,000	945,000	890,000	390,000	78.00%
Subtotal	2,868,584	2,885,479	3,032,653	3,107,599	222,120	7.70%
<i>COGENERATION</i>						
PERSONNEL	194,299	95,954	84,900	89,600	(6,354)	-6.62%
MATERIALS & FUELS	16,244	37,000	175,000	175,000	138,000	372.97%
UTILITIES	6,084	640,000	640,000	675,000	35,000	5.47%
OUTSIDE SERVICES	1,385,191	1,760,000	1,790,000	1,540,000	(220,000)	-12.50%
Subtotal	1,601,819	2,532,954	2,689,900	2,479,600	(53,354)	-2.11%
<i>CENTRIFUGATION</i>						
PERSONNEL	684,093	1,074,793	997,800	1,080,600	5,807	0.54%
MATERIALS & FUELS	388,338	367,000	180,000	180,250	(186,750)	-50.89%
CHEMICALS	2,858,542	3,190,000	3,241,000	3,660,000	470,000	14.73%
UTILITIES	541,152	300,000	300,000	315,000	15,000	5.00%
OUTSIDE SERVICES	23,122	55,000	40,000	40,000	(15,000)	-27.27%
Subtotal	4,495,248	4,986,793	4,758,800	5,275,850	289,057	5.80%
<b>TOTAL RWHTF PROCESSING OF SOLIDS</b>	<b>10,469,676</b>	<b>11,586,358</b>	<b>11,872,953</b>	<b>12,306,974</b>	<b>720,616</b>	<b>6.22%</b>

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<b>RWHTF RECYCLING OF SOLIDS</b>						
<i>METROGRO AG TRANSPORT</i>						
PERSONNEL	2,100,481	1,232,400	1,642,400	1,761,900	529,500	42.96%
MATERIALS & FUELS	1,691,889	693,850	784,500	805,500	111,650	16.09%
OUTSIDE SERVICES	32,498	25,000	26,000	28,000	3,000	12.00%
Subtotal	3,824,868	1,951,250	2,452,900	2,595,400	644,150	33.01%
<i>METROGRO FARM AG TRANSPORT</i>						
PERSONNEL	417,325	629,500	674,600	721,300	91,800	14.58%
MATERIALS & FUELS	(31,581)	143,370	159,900	179,700	36,330	25.34%
OUTSIDE SERVICES	31,804	13,000	13,500	14,000	1,000	7.69%
Subtotal	417,547	785,870	848,000	915,000	129,130	16.43%
<i>METROGRO AG DISTRIBUTION</i>						
PERSONNEL	819,748	1,095,100	1,082,600	1,158,000	62,900	5.74%
MATERIALS & FUELS	602,922	477,220	526,400	534,200	56,980	11.94%
OUTSIDE SERVICES	37,427	88,000	88,500	94,500	6,500	7.39%
Subtotal	1,460,097	1,660,320	1,697,500	1,786,700	126,380	7.61%
<i>METROGRO FARM AG DISTRIBUTION</i>						
PERSONNEL	339,447	655,900	680,100	721,300	65,400	9.97%
MATERIALS & FUELS	71,854	157,890	168,300	175,900	18,010	11.41%
OUTSIDE SERVICES	4,214	51,000	51,500	55,000	4,000	7.84%
Subtotal	415,516	864,790	899,900	952,200	87,410	10.11%
<i>RECYCLE SUPPORT</i>						
PERSONNEL	9,040	24,065	21,400	22,000	(2,065)	-8.58%
MATERIALS & FUELS	3,773	10,200	115,000	115,000	104,800	1027.45%
OUTSIDE SERVICES	3,500	5,000	20,000	20,000	15,000	300.00%
Subtotal	16,313	39,265	156,400	157,000	117,735	299.85%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>METROGRO FARM ACTIVITIES</i>						
PERSONNEL	534,843	970,800	978,800	1,039,100	68,300	7.04%
MATERIALS & FUELS	458,805	928,670	968,900	984,700	56,030	6.03%
CHEMICALS	1,460,682	1,890,000	1,650,000	1,700,000	(190,000)	-10.05%
UTILITIES	11,666	33,000	33,000	39,000	6,000	18.18%
OUTSIDE SERVICES	718,835	1,318,000	1,319,000	1,091,500	(226,500)	-17.19%
SUPPORT SERVICES	2,259	-	-	-	-	0.00%
Subtotal	3,187,090	5,140,470	4,949,700	4,854,300	(286,170)	-5.57%
<i>STROMO COMPOSTING TRANSPORT</i>						
PERSONNEL	354	-	-	-	-	0.00%
OUTSIDE SERVICES	100,735	3,000	3,000	5,000	2,000	66.67%
Subtotal	101,089	3,000	3,000	5,000	2,000	66.67%
<i>BUILDING SUPPORT</i>						
PERSONNEL	48,721	78,000	69,300	72,700	(5,300)	-6.79%
MATERIALS & FUELS	17,328	25,000	25,000	26,000	1,000	4.00%
UTILITIES	5,855	5,000	5,000	6,000	1,000	20.00%
OUTSIDE SERVICES	22,269	15,000	15,500	17,000	2,000	13.33%
Subtotal	94,173	123,000	114,800	121,700	(1,300)	-1.06%
<b>TOTAL RWHTF RECYCLING OF SOLIDS</b>	<b>9,516,692</b>	<b>10,567,965</b>	<b>11,122,200</b>	<b>11,387,300</b>	<b>819,335</b>	<b>7.75%</b>
<i>NTP TREATMENT OF WASTEWATER</i>						
<i>HEADWORKS</i>						
PERSONNEL	115,251	156,000	155,400	162,400	6,400	4.10%
MATERIALS & FUELS	31,097	34,314	-	-	(34,314)	-100.00%
UTILITIES	108,819	134,200	135,000	148,000	13,800	10.28%
OUTSIDE SERVICES	1,105	8,000	8,000	8,400	400	5.00%
Subtotal	256,272	332,514	298,400	318,800	(13,714)	-4.12%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>PRIMARY TREATMENT</i>						
PERSONNEL	84,177	144,200	129,200	133,800	(10,400)	-7.21%
MATERIALS & FUELS	33,167	11,495	-	-	(11,495)	-100.00%
UTILITIES	29,345	34,200	35,000	43,000	8,800	25.73%
OUTSIDE SERVICES	-	1,000	1,000	1,050	50	5.00%
Subtotal	146,689	190,895	165,200	177,850	(13,045)	-6.83%
<i>SECONDARY TREATMENT</i>						
PERSONNEL	112,798	106,400	112,800	116,900	10,500	9.87%
MATERIALS & FUELS	26,331	99,221	-	-	(99,221)	-100.00%
CHEMICALS	78,846	26,500	35,000	40,000	13,500	50.94%
UTILITIES	267,768	224,200	225,000	243,000	18,800	8.39%
OUTSIDE SERVICES	4,811	2,000	2,000	2,100	100	5.00%
Subtotal	490,554	458,321	374,800	402,000	(56,321)	-12.29%
<i>TERTIARY TREATMENT</i>						
PERSONNEL	100,943	157,100	154,500	161,500	4,400	2.80%
MATERIALS & FUELS	48,489	12,001	-	-	(12,001)	-100.00%
CHEMICALS	11,120	30,500	30,500	33,000	2,500	8.20%
UTILITIES	165,587	204,200	205,000	218,000	13,800	6.76%
OUTSIDE SERVICES	1,250	1,000	1,000	1,050	50	5.00%
Subtotal	327,389	404,801	391,000	413,550	8,749	2.16%
<i>DISINFECTION &amp; EFFLUENT TRANSFER</i>						
PERSONNEL	99,670	145,800	143,200	149,400	3,600	2.47%
MATERIALS & FUELS	49,463	33,300	-	-	(33,300)	-100.00%
UTILITIES	108,819	124,200	125,000	138,000	13,800	11.11%
OUTSIDE SERVICES	50,472	16,000	16,000	16,800	800	5.00%
Subtotal	308,424	319,300	284,200	304,200	(15,100)	-4.73%
<i>PROCESS CONTROL OPS</i>						
PERSONNEL	162,489	254,900	142,700	148,600	(106,300)	-41.70%
MATERIALS & FUELS	16,249	3,333	-	-	(3,333)	-100.00%
Subtotal	178,738	258,233	142,700	148,600	(109,633)	-42.46%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>SUPPORT</i>						
PERSONNEL	399,971	619,600	665,900	699,700	80,100	12.93%
MATERIALS & FUELS	124,568	-	700,000	740,000	740,000	0.00%
OUTSIDE SERVICES	494,412	480,000	40,000	45,000	(435,000)	-90.63%
SUPPORT SERVICES	14,900	7,000	7,000	9,000	2,000	28.57%
Subtotal	1,033,850	1,106,600	1,412,900	1,493,700	387,100	34.98%
<b>TOTAL NTP TREATMENT OF WASTEWATER</b>	<b>2,741,916</b>	<b>3,070,664</b>	<b>3,069,200</b>	<b>3,258,700</b>	<b>188,036</b>	<b>6.12%</b>
<i>NTP PROCESSING OF SOLIDS</i>						
<i>GRAVITY THICKENING</i>						
PERSONNEL	98,679	149,700	147,500	154,100	4,400	2.94%
MATERIALS & FUELS	24,732	35,328	-	-	(35,328)	-100.00%
UTILITIES	29,345	24,200	25,000	33,000	8,800	36.36%
OUTSIDE SERVICES	-	1,000	1,000	1,050	50	5.00%
Subtotal	152,756	210,228	173,500	188,150	(22,078)	-10.50%
<i>WAS THICKENING</i>						
PERSONNEL	96,519	149,700	147,500	154,100	4,400	2.94%
MATERIALS & FUELS	22,840	24,172	-	-	(24,172)	-100.00%
CHEMICALS	29,437	30,000	35,000	40,000	10,000	33.33%
UTILITIES	17,991	14,200	15,000	23,000	8,800	61.97%
OUTSIDE SERVICES	-	1,000	1,000	1,050	50	5.00%
Subtotal	166,788	219,072	198,500	218,150	(922)	-0.42%
<i>ANAEROBIC DIGESTION</i>						
PERSONNEL	119,291	152,800	154,500	161,500	8,700	5.69%
MATERIALS & FUELS	110,139	92,123	-	-	(92,123)	-100.00%
CHEMICALS	56,041	78,500	82,500	89,000	10,500	13.38%
UTILITIES	145,092	144,200	145,000	158,000	13,800	9.57%
OUTSIDE SERVICES	22,369	25,000	60,000	66,250	41,250	165.00%
Subtotal	452,933	492,623	442,000	474,750	(17,873)	-3.63%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>DIGESTED SOLIDS DEWATERING</i>						
PERSONNEL	126,381	177,800	183,100	190,800	13,000	7.31%
MATERIALS & FUELS	50,354	43,442	-	-	(43,442)	-100.00%
CHEMICALS	203,218	224,000	225,000	238,000	14,000	6.25%
UTILITIES	17,991	14,200	15,000	23,000	8,800	61.97%
OUTSIDE SERVICES	1,250	30,000	30,000	31,500	1,500	5.00%
Subtotal	399,194	489,442	453,100	483,300	(6,142)	-1.25%
<i>DIGESTED SOLIDS DEWATERING</i>						
PERSONNEL	84,879	106,400	112,800	116,900	10,500	9.87%
MATERIALS & FUELS	86,310	29,243	-	-	(29,243)	-100.00%
UTILITIES	129,495	102,500	105,000	115,000	12,500	12.20%
OUTSIDE SERVICES	68,612	325,000	325,000	316,250	(8,750)	-2.69%
Subtotal	369,296	563,143	542,800	548,150	(14,993)	-2.66%
<b>TOTAL NTP PROCESSING OF SOLIDS</b>	<b>1,540,966</b>	<b>1,974,508</b>	<b>1,809,900</b>	<b>1,912,500</b>	<b>(62,008)</b>	<b>-3.14%</b>
NTP RECYCLING OF SOLIDS						
<i>METROGRO FARM AG TRANSPORT</i>						
PERSONNEL	26,799	123,900	102,600	112,400	(11,500)	-9.28%
MATERIALS & FUELS	-	1,000	1,000	2,000	1,000	100.00%
Subtotal	26,799	124,900	103,600	114,400	(10,500)	-8.41%
<i>METROGRO FARM AG DISTRIBUTION</i>						
PERSONNEL	25,695	128,700	107,700	117,900	(10,800)	-8.39%
MATERIALS & FUELS	-	1,000	1,000	2,000	1,000	100.00%
Subtotal	25,901	129,700	108,700	119,900	(9,800)	-7.56%
<i>PRIVATE COMPOSTER</i>						
PERSONNEL	13,601	-	-	-	-	0.00%
OUTSIDE SERVICES	29,628	-	-	-	-	0.00%
Subtotal	43,229	-	-	-	-	0.00%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>NTP SUPPORT</i>						
PERSONNEL	31,195	102,500	104,500	109,200	6,700	6.54%
MATERIALS & FUELS	896	40,000	41,000	45,000	5,000	12.50%
OUTSIDE SERVICES	6,957	15,000	15,500	16,000	1,000	6.67%
Subtotal	39,048	157,500	161,000	170,200	12,700	8.06%
<i>DISTRICT VEHICLES (NTP)</i>						
PERSONNEL	53,037	120,200	127,900	132,700	12,500	10.40%
MATERIALS & FUELS	13,189	23,000	24,000	30,000	7,000	30.43%
Subtotal	66,226	143,200	151,900	162,700	19,500	13.62%
<b>TOTAL NTP RECYCLING OF SOLIDS</b>	<b>201,203</b>	<b>555,300</b>	<b>525,200</b>	<b>567,200</b>	<b>11,900</b>	<b>2.14%</b>
TECHNICAL MANAGEMENT SUPPORT						
<i>TRANS MANAGEMENT</i>						
PERSONNEL	257,087	581,200	773,100	817,400	236,200	40.64%
MATERIALS & FUELS	22,104	-	-	-	-	0.00%
SUPPORT SERVICES	14,531	31,500	-	-	(31,500)	-100.00%
Subtotal	293,723	612,700	773,100	817,400	204,700	33.41%
<i>RWHTF MANAGEMENT</i>						
PERSONNEL	936,928	827,800	1,552,800	1,614,000	786,200	94.97%
MATERIALS & FUELS	27,296	16,500	26,600	27,400	10,900	66.06%
OUTSIDE SERVICES	111,622	65,000	65,000	72,000	7,000	10.77%
SUPPORT SERVICES	13,454	30,250	41,250	46,500	16,250	53.72%
Subtotal	1,089,300	939,550	1,685,650	1,759,900	820,350	87.31%
<i>NTP MANAGEMENT</i>						
PERSONNEL	250,631	506,600	273,600	285,400	(221,200)	-43.66%
MATERIALS & FUELS	73,322	15,000	15,000	20,000	5,000	33.33%
OUTSIDE SERVICES	17,737	25,000	30,000	35,000	10,000	40.00%
SUPPORT SERVICES	23,301	17,500	17,500	24,000	6,500	37.14%
Subtotal	364,991	564,100	336,100	364,400	(199,700)	-35.40%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>GROUNDS</i>						
PERSONNEL	508,903	419,461	497,500	551,700	132,239	31.53%
MATERIALS & FUELS	115,698	289,975	275,000	275,000	(14,975)	-5.16%
OUTSIDE SERVICES	323,554	100,000	780,000	799,000	699,000	699.00%
SUPPORT SERVICES	2,461	2,000	2,000	3,000	1,000	50.00%
Subtotal	950,616	811,436	1,554,500	1,628,700	817,264	100.72%
<i>EQUIPMENT</i>						
PERSONNEL	72,219	206,648	200,000	212,300	5,652	2.74%
MATERIALS & FUELS	386,245	261,275	115,000	115,000	(146,275)	-55.99%
OUTSIDE SERVICES	86,809	36,000	61,000	61,050	25,050	69.58%
Subtotal	545,273	503,923	376,000	388,350	(115,573)	-22.93%
<i>SUPPORT TO FACILITIES</i>						
PERSONNEL	460,554	855,108	827,500	862,800	7,692	0.90%
MATERIALS & FUELS	494,296	490,000	100,000	100,000	(390,000)	-79.59%
OUTSIDE SERVICES	1,242,289	935,000	30,000	25,000	(910,000)	-97.33%
Subtotal	2,197,139	2,280,108	957,500	987,800	(1,292,308)	-56.68%
<i>SUPPORT TO TRANSMISSION</i>						
PERSONNEL	226,031	455,285	476,000	495,900	40,615	8.92%
MATERIALS & FUELS	137,200	150,000	115,000	115,000	(35,000)	-23.33%
OUTSIDE SERVICES	3,745	6,000	40,000	40,000	34,000	566.67%
Subtotal	366,976	611,285	631,000	650,900	39,615	6.48%
<i>RR&amp;R MANAGEMENT</i>						
PERSONNEL	1,026,829	626,500	590,300	619,000	(7,500)	-1.20%
MATERIALS & FUELS	76,292	13,000	14,000	20,000	7,000	53.85%
OUTSIDE SERVICES	247,037	10,000	10,000	12,000	2,000	20.00%
SUPPORT SERVICES	59,815	85,300	116,500	127,000	41,700	48.89%
Subtotal	1,409,973	734,800	730,800	778,000	43,200	5.88%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>SUPPORT</i>						
PERSONNEL	429,553	544,100	605,100	635,300	91,200	16.76%
MATERIALS & FUELS	48,262	42,778	81,000	90,000	47,222	110.39%
UTILITIES	702,450	514,700	558,000	555,000	40,300	7.83%
OUTSIDE SERVICES	58,107	-	-	-	-	0.00%
SUPPORT SERVICES	8,621	27,500	27,500	35,000	7,500	27.27%
Subtotal	1,246,992	1,129,078	1,271,600	1,315,300	186,222	16.49%
<i>SUPPORT TO PROCESS CONTROL</i>						
PERSONNEL	112,069	367,200	255,600	266,000	(101,200)	-27.56%
Subtotal	112,069	367,200	255,600	266,000	(101,200)	-27.56%
<i>DISTRICT VEHICLES</i>						
PERSONNEL	461,094	409,200	339,800	355,900	(53,300)	-13.03%
MATERIALS & FUELS	452,292	445,750	491,500	492,500	46,750	10.49%
OUTSIDE SERVICES	25,014	25,000	26,000	30,000	5,000	20.00%
Subtotal	938,400	879,950	857,300	878,400	(1,550)	-0.18%
<i>ANALYTICAL SERVICES MANAGEMENT</i>						
PERSONNEL	3,977,042	4,900,893	4,142,800	4,314,200	(586,693)	-11.97%
MATERIALS & FUELS	496,379	895,067	800,000	780,000	(115,067)	-12.86%
OUTSIDE SERVICES	307,010	351,848	287,250	351,975	127	0.04%
SUPPORT SERVICES	60,731	72,806	82,250	90,000	17,194	23.62%
Subtotal	4,841,162	6,220,614	5,312,300	5,536,175	(684,439)	-11.00%
<i>ENGINEERING MANAGEMENT</i>						
PERSONNEL	4,022,313	4,492,200	5,402,900	5,760,200	1,268,000	28.23%
MATERIALS & FUELS	16,952	15,000	15,750	16,500	1,500	10.00%
OUTSIDE SERVICES	126,780	150,000	186,600	193,100	43,100	28.73%
SUPPORT SERVICES	67,198	84,500	101,500	108,800	24,300	28.76%
Subtotal	4,233,243	4,741,700	5,706,750	6,078,600	1,336,900	28.19%
<i>INTERCEPTOR DIVISION</i>						
PERSONNEL	129,951	105,700	-	-	(105,700)	-100.00%
Subtotal	129,951	105,700	-	-	(105,700)	-100.00%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>TREATMENT PLANT DIVISION</i>						
PERSONNEL	1,595,409	1,308,200	1,021,500	1,063,800	(244,400)	-18.68%
Subtotal	1,595,409	1,308,200	1,021,500	1,063,800	(244,400)	-18.68%
<i>FACILITIES MODIFICATIONS</i>						
PERSONNEL	230,515	437,200	357,200	371,200	(66,000)	-15.10%
Subtotal	230,515	437,200	357,200	371,200	(66,000)	-15.10%
<i>LAND MANAGEMENT</i>						
PERSONNEL	64,619	3,500	-	-	(3,500)	-100.00%
Subtotal	64,619	3,500	-	-	(3,500)	-100.00%
<i>FACILITIES DRAWINGS</i>						
PERSONNEL	377,196	178,800	81,400	85,100	(93,700)	-52.40%
Subtotal	377,196	178,800	81,400	85,100	(93,700)	-52.40%
<i>TECHNOLOGY AND INNOVATION</i>						
PERSONNEL	2,852,498	3,335,899	3,490,200	3,636,100	300,201	9.00%
MATERIALS & FUELS	284,421	346,974	373,680	392,364	45,390	13.08%
OUTSIDE SERVICES	29,209	255,000	25,000	25,000	(230,000)	-90.20%
SUPPORT SERVICES	64,976	71,753	-	-	(71,753)	-100.00%
Subtotal	3,231,103	4,009,626	3,888,880	4,053,464	43,838	1.09%
<i>CAPITAL PLANNING</i>						
PERSONNEL	943,631	994,000	1,020,700	1,063,300	69,300	6.97%
MATERIALS & FUELS	1,909	8,000	7,000	7,000	(1,000)	-12.50%
OUTSIDE SERVICES	8,946	60,000	75,000	75,000	15,000	25.00%
SUPPORT SERVICES	10,957	19,800	22,500	22,500	2,700	13.64%
Subtotal	965,443	1,081,800	1,125,200	1,167,800	86,000	7.95%
<b>TOTAL TECHNICAL MANAGEMENT</b>	<b>25,184,093</b>	<b>27,521,270</b>	<b>26,922,380</b>	<b>28,191,289</b>	<b>670,019</b>	<b>2.43%</b>

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<b>ADMINISTRATIVE SUPPORT</b>						
<i>ENVIRONMENTAL SVCS MGMT</i>						
PERSONNEL	261,180	293,700	374,300	380,400	86,700	29.52%
MATERIALS & FUELS	19,586	2,205	15,000	15,000	12,795	580.27%
OUTSIDE SERVICES	1,341	110,000	60,000	75,000	(35,000)	-31.82%
SUPPORT SERVICES	12,464	36,607	34,269	37,869	1,262	3.45%
Subtotal	294,571	442,512	483,569	508,269	65,757	14.86%
<i>PRTRTMNT/INDSTRL WASTE</i>						
PERSONNEL	2,161,936	2,979,100	3,512,800	3,657,100	678,000	22.76%
MATERIALS & FUELS	58,704	11,025	11,576	11,576	551	5.00%
OUTSIDE SERVICES	2,767	15,100	3,100	3,255	(11,845)	-78.44%
SUPPORT SERVICES	16,354	24,525	32,665	32,965	8,440	34.41%
Subtotal	2,239,760	3,029,750	3,560,141	3,704,896	675,146	22.28%
<i>REGULATORY COMPLIANCE</i>						
PERSONNEL	1,583,732	999,095	1,303,700	1,361,300	362,205	36.25%
MATERIALS & FUELS	68,515	111,825	94,000	94,000	(17,825)	-15.94%
OUTSIDE SERVICES	680,719	496,101	741,574	739,404	243,303	49.04%
SUPPORT SERVICES	40,920	30,803	32,480	32,710	1,907	6.19%
Subtotal	2,373,887	1,637,824	2,171,754	2,227,414	589,590	36.00%
<i>SAFETY</i>						
PERSONNEL	386,895	401,250	427,650	445,950	44,700	11.14%
MATERIALS & FUELS	43,725	60,000	60,000	60,000	-	0.00%
OUTSIDE SERVICES	62,842	40,000	40,000	40,000	-	0.00%
SUPPORT SERVICES	21,638	25,600	28,600	28,600	3,000	11.72%
Subtotal	515,100	526,850	556,250	574,550	47,700	9.05%
<i>GOVTL AFFAIRS/WATER QUALITY</i>						
PERSONNEL	698,190	832,300	754,600	785,000	(47,300)	-5.68%
MATERIALS & FUELS	20,001	34,000	37,000	37,000	3,000	8.82%
OUTSIDE SERVICES	164,944	346,250	377,950	371,250	25,000	7.22%
SUPPORT SERVICES	11,801	22,125	26,025	26,325	4,200	18.98%
Subtotal	894,936	1,234,675	1,195,575	1,219,575	(15,100)	-1.22%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>STRATEGY AND COMMUNICATION</i>						
PERSONNEL	1,378,245	1,657,400	2,045,100	2,200,500	543,100	32.77%
MATERIALS & FUELS	9,066	9,500	12,000	11,000	1,500	15.79%
OUTSIDE SERVICES	202,074	170,000	191,000	191,000	21,000	12.35%
SUPPORT SERVICES	25,599	62,300	79,800	157,950	95,650	153.53%
Subtotal	1,614,984	1,899,200	2,327,900	2,560,450	661,250	34.82%
<i>OFFICE OF THE MANAGER</i>						
PERSONNEL	1,581,290	1,635,500	1,709,400	1,780,100	144,600	8.84%
MATERIALS & FUELS	11,599	27,600	15,500	15,500	(12,100)	-43.84%
OUTSIDE SERVICES	27,152	305,000	300,000	200,000	(105,000)	-34.43%
SUPPORT SERVICES	267,893	354,575	354,375	326,000	(28,575)	-8.06%
Subtotal	1,887,934	2,322,675	2,379,275	2,321,600	(1,075)	-0.05%
<i>TECHNOLOGY AND INNOVATION</i>						
MATERIALS & FUELS	402	-	-	-	-	0.00%
OUTSIDE SERVICES	1,688	-	241,500	203,575	203,575	0.00%
SUPPORT SERVICES	13,580	-	75,900	79,950	79,950	0.00%
Subtotal	15,669	-	407,200	373,325	373,325	0.00%
<i>BOARD OF DIRECTORS</i>						
OUTSIDE SERVICES	78,170	80,000	100,000	100,000	20,000	25.00%
SUPPORT SERVICES	47,132	38,000	51,000	56,000	18,000	47.37%
Subtotal	125,302	118,000	151,000	156,000	38,000	32.20%
<i>HUMAN RESOURCES</i>						
PERSONNEL	1,436,313	1,527,900	1,548,100	1,611,500	83,600	5.47%
MATERIALS & FUELS	12,242	5,000	5,000	5,000	-	0.00%
OUTSIDE SERVICES	163,698	139,000	156,000	156,000	17,000	12.23%
SUPPORT SERVICES	485,359	581,100	623,450	636,710	55,610	9.57%
Subtotal	2,097,613	2,253,000	2,332,550	2,409,210	156,210	6.93%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>LEGAL SERVICES</i>						
PERSONNEL	614,743	639,200	863,200	898,500	259,300	40.57%
MATERIALS & FUELS	2,403	700	700	1,000	300	42.86%
OUTSIDE SERVICES	346,052	900,000	900,000	950,000	50,000	5.56%
SUPPORT SERVICES	36,601	36,200	42,500	45,500	9,300	25.69%
Subtotal	999,799	1,576,100	1,806,400	1,895,000	318,900	20.23%
<i>INFORMATION SERVICES</i>						
PERSONNEL	4,003,832	5,327,300	5,255,900	5,471,000	143,700	2.70%
MATERIALS & FUELS	467,984	300,000	354,000	354,000	54,000	18.00%
OUTSIDE SERVICES	2,795,663	2,527,280	2,621,280	2,783,280	256,000	10.13%
SUPPORT SERVICES	606,688	782,895	787,700	787,700	4,805	0.61%
Subtotal	7,874,168	8,937,475	9,018,880	9,395,980	458,505	5.13%
<i>FINANCE</i>						
PERSONNEL	1,329,808	1,423,800	1,512,000	1,571,200	147,400	10.35%
MATERIALS & FUELS	5,340	9,200	9,600	9,600	400	4.35%
OUTSIDE SERVICES	421,486	400,900	427,850	454,850	53,950	13.46%
SUPPORT SERVICES	24,461	25,800	29,255	30,900	5,100	19.77%
Subtotal	1,781,096	1,859,700	1,978,705	2,066,550	206,850	11.12%
<i>PROCUREMENT</i>						
PERSONNEL	1,570,135	1,773,100	1,874,300	1,952,400	179,300	10.11%
MATERIALS & FUELS	257,819	228,000	238,080	239,000	11,000	4.82%
OUTSIDE SERVICES	2,381	1,000	1,000	1,000	-	0.00%
SUPPORT SERVICES	16,893	43,700	50,090	50,090	6,390	14.62%
Subtotal	1,847,227	2,045,800	2,163,470	2,242,490	196,690	9.61%
<i>INSURANCE</i>						
OUTSIDE SERVICES	34,500	25,000	34,500	50,000	25,000	100.00%
SUPPORT SERVICES	2,137,353	2,061,600	2,382,300	2,328,100	266,500	12.93%
Subtotal	2,171,853	2,086,600	2,416,800	2,378,100	291,500	13.97%

METRO WASTEWATER RECLAMATION DISTRICT

SUMMARY OF EXPENSES BY ACTIVITY

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted	Adopted to Budget *** Variance ***	
					Dollars	Percent
<i>SECURITY</i>						
PERSONNEL	342,416	291,100	280,200	296,100	5,000	1.72%
MATERIALS & FUELS	6,629	22,000	22,000	23,100	1,100	5.00%
OUTSIDE SERVICES	961,157	1,240,000	1,255,000	1,330,000	90,000	7.26%
SUPPORT SERVICES	1,141	7,000	6,500	8,500	1,500	21.43%
Subtotal	1,311,343	1,560,100	1,563,700	1,657,700	97,600	6.26%
<i>CONTROL SYSTEMS</i>						
PERSONNEL	1,215,519	1,451,100	1,563,000	1,627,400	176,300	12.15%
OUTSIDE SERVICES	13,320	20,000	75,000	79,000	59,000	295.00%
Subtotal	1,228,839	1,471,100	1,638,000	1,706,400	235,300	15.99%
<b>TOTAL ADMINISTRATIVE SUPPORT</b>	<b>29,274,079</b>	<b>33,001,361</b>	<b>36,151,169</b>	<b>37,397,509</b>	<b>4,396,148</b>	<b>13.32%</b>
<b>TOTAL DISTRICT</b>	<b>103,440,682</b>	<b>109,437,851</b>	<b>115,427,099</b>	<b>119,986,098</b>	<b>10,548,247</b>	<b>9.64%</b>

**CAPITAL EQUIPMENT EXPENDITURES**  
**For individual items ≥ \$10,000 & ≤ \$500,000**

**2024 Budget**

<b><u>SPECIALIZED SUPPORT EQUIPMENT</u></b>	(O&M) New	(FAR) Replacement	<b>Total</b>
<b>MAINTENANCE DEPARTMENT</b>			
Pump - 6" (26947)	\$ -	\$ 60,000	\$ 60,000
Mower (26920)	-	25,000	25,000
<b>Total Maintenance</b>	-	85,000	85,000
<b>RR&amp;R DEPARTMENT</b>			
<b>OPERATIONS DIVISION</b>			
Rotary Cutter (16647)	-	60,000	60,000
Pump - 4" (16678)	-	65,000	65,000
Trailer Mount (16855)	-	30,000	30,000
Live Bottom Trailer (26441, 26442, 26443, 26452)	-	560,000	560,000
<b>Total Resource Recovery &amp; Reuse</b>	-	715,000	715,000
<b>NORTHERN TREATMENT PLANT</b>			
<b>MAINTENANCE DIVISION</b>			
Skidsteer	75,000	-	75,000
<b>Total Northern Treatment Plant</b>	75,000	-	75,000
<b>ADMINISTRATIVE SERVICES DEPARTMENT</b>			
<b>PROCUREMENT</b>			
Stock Picker (26685)	-	25,000	25,000
<b>Total Administrative Services</b>	-	25,000	25,000
<b>ENVIRONMENTAL SERVICES DEPARTMENT</b>			
Nutrient Analyzer	60,000	-	60,000
Inductively Coupled Plasma Mass Spec.	-	175,000	175,000
High Pressure Liquid Chromatograph	-	75,000	75,000
Gas Chromatography w/ Mass Spec.	-	150,000	150,000
Glassware Furnace	-	45,000	45,000
H2 Gas Generator	-	16,000	16,000
GC Purge and Trap Autosampler	-	100,000	100,000
Electrofisher System	-	20,000	20,000
<b>Total Environmental Services</b>	60,000	581,000	641,000

**CAPITAL EQUIPMENT EXPENDITURES**  
**For individual items ≥ \$10,000 & ≤ \$500,000**

**2024 Budget**

	(O&M) New	(FAR) Replacement	<b>Total</b>
<b>TECHNOLOGY &amp; INNOVATION</b>			
Instrumentation - In-Situ Analyzer (3)	-	45,000	45,000
Instrumentation - Extrative Analyzer	-	105,000	105,000
Instrumentation - Microwave Density	-	45,000	45,000
<b>Total Technology &amp; Innovation</b>	-	195,000	195,000
<b>TOTAL SPECIALIZED SUPPORT EQUIPMENT</b>	<b>135,000</b>	<b>1,601,000</b>	<b>1,736,000</b>
<b><u>VEHICLES</u></b>			
<b>MAINTENANCE DEPARTMENT</b>			
Electric Cart (26084, 26085, 26086)	-	85,000	85,000
Gas Cart (26088 & 26089)	-	60,000	60,000
Tractor (26705)	-	100,000	100,000
<b>Total Maintenance</b>	-	245,000	245,000
<b>OPERATIONS</b>			
Pickup (26124)	-	65,000	65,000
<b>Total Operations</b>	-	65,000	65,000
<b>RR&amp;R DEPARTMENT</b>			
<b>OPERATIONS DIVISION</b>			
Pickup (26149)	-	65,000	65,000
Road Tractor (26479 & 26480)	-	340,000	340,000
<b>Total RR&amp;R</b>	-	405,000	405,000
<b>NORTHERN TREATMENT PLANT</b>			
<b>MAINTENANCE DIVISION</b>			
Forklift (26970)	-	75,000	75,000
<b>Total Northern Treatment Plant</b>	-	75,000	75,000
<b>ENGINEERING DEPARTMENT</b>			
SUV (16115)	-	45,000	45,000
<b>Total Engineering</b>	-	45,000	45,000

**CAPITAL EQUIPMENT EXPENDITURES**  
**For individual items ≥ \$10,000 & ≤ \$500,000**

**2024 Budget**

	(O&M) New	(FAR) Replacement	Total
<b>ENVIRONMENTAL SERVICES DEPARTMENT</b>			
Service Truck (26138)	-	70,000	70,000
Service Truck (26142)	-	70,000	70,000
SUV (26174)	-	47,000	47,000
Service Truck (26451)	-	60,000	60,000
<b>Total Environmental Services</b>	-	247,000	247,000
<b>HUMAN RESOURCES</b>			
Pickup Truck	65,000	-	65,000
<b>Total Human Resources</b>	65,000	-	65,000
<b>STRATEGY &amp; COMMUNICATION</b>			
Tour Van	80,000	-	80,000
<b>Total Strategy &amp; Communication</b>	80,000	-	80,000
<b>TECHNOLOGY &amp; INNOVATION</b>			
SUV	-	50,000	50,000
<b>Total Technology &amp; Innovation</b>	-	50,000	50,000
<hr/>			
<b>TOTAL VEHICLES</b>	<b>145,000</b>	<b>1,132,000</b>	<b>1,277,000</b>
<hr/>			
<b>TOTAL CAPITAL EQUIPMENT EXPENDITURES</b>	<b>\$ 280,000</b>	<b>\$ 2,733,000</b>	<b>\$ 3,013,000</b>

**CAPITAL EQUIPMENT EXPENDITURES**

For individual items  $\geq$  \$500,000

2024 Budget

	(Gen) New	(FAR) Replacement	Total
<b><u>SPECIALIZED SUPPORT EQUIPMENT</u></b>			
<b>ENVIRONMENTAL SERVICES DEPARTMENT</b>			
LC-MS/MS Resolution Mass Spec QTOF	\$ -	\$ 650,000	\$ 650,000
<b>TOTAL SPECIALIZED SUPPORT EQUIPMENT</b>	<b>-</b>	<b>650,000</b>	<b>650,000</b>
 <b><u>VEHICLES</u></b>			
None			
<b>TOTAL VEHICLES</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CAPITAL EQUIPMENT EXPENDITURES</b>	<b>\$ -</b>	<b>\$ 650,000</b>	<b>\$ 650,000</b>

**CAPITAL EQUIPMENT EXPENDITURES**  
**For individual items ≥ \$10,000 & ≤ \$500,000**  
**2023 Revised Budget**

	Appropriation			Revised			New Total		
	(O&M)	(FAR)	Total	(O&M)	(FAR)	Revised Total	(O&M)	(FAR)	New Total
	New	Replacement		New	Replacement		New	Replacement	
<b><u>SPECIALIZED SUPPORT EQUIPMENT</u></b>									
<b>MAINTENANCE DEPARTMENT</b>									
Trailer Mounted Pressure Washer (26682)	-	15,000	15,000	-	-	-	-	15,000	15,000
Pump (16679)	-	-	-	-	100,000	100,000	-	100,000	100,000
Stationary Air Compressor (2)	-	-	-	-	64,772	64,772	-	64,772	64,772
<b>Total Maintenance</b>	-	15,000	15,000	-	164,772	164,772	-	179,772	179,772
<b>RR&amp;R DEPARTMENT</b>									
<b>OPERATIONS DIVISION</b>									
6" Trash Pump (16966)	-	60,000	60,000	-	-	-	-	60,000	60,000
Emission Analyzer (26850)	-	25,000	25,000	-	-	-	-	25,000	25,000
Live Bottom Trailer (26424)	-	125,000	125,000	-	-	-	-	125,000	125,000
Live Bottom Trailer (26431)	-	125,000	125,000	-	-	-	-	125,000	125,000
Rock Picker (16643)	-	-	-	-	46,500	46,500	-	46,500	46,500
<b>Total Resource Recovery &amp; Reuse</b>	-	335,000	335,000	-	46,500	46,500	-	381,500	381,500
<b>ENGINEERING DEPARTMENT</b>									
Lidar Scanner	-	60,000	60,000	-	-	-	-	60,000	60,000
<b>Total Engineering</b>	-	60,000	60,000	-	-	-	-	60,000	60,000
<b>ENVIRONMENTAL SERVICES DEPARTMENT</b>									
Glassware Asher	-	40,000	40,000	-	(40,000)	(40,000)	-	-	-
Incubator, Biomonitoring	-	21,000	21,000	-	(21,000)	(21,000)	-	-	-
Steam Sterilizer	-	84,000	84,000	-	(84,000)	(84,000)	-	-	-
ICPMS	-	175,000	175,000	-	(175,000)	(175,000)	-	-	-
Auto Titrator	-	35,000	35,000	-	-	-	-	35,000	35,000
Temperature monitoring for equipment	25,000	-	25,000	-	-	-	25,000	-	25,000
Microwave Digestion Oven (2)	35,000	-	35,000	21,000	-	21,000	56,000	-	56,000
Nutrient Analyzer (2)	-	-	-	120,000	-	120,000	120,000	-	120,000
DI Water Unit	-	-	-	-	12,000	12,000	-	12,000	12,000
Dishwasher	-	-	-	-	27,000	27,000	-	27,000	27,000
Ion Chromatograph	-	-	46	120,000	-	120,000	120,000	-	120,000
Fume Hood	-	-	-	25,000	-	25,000	25,000	-	25,000

**CAPITAL EQUIPMENT EXPENDITURES**  
**For individual items ≥ \$10,000 & ≤ \$500,000**  
2023 Revised Budget

	Appropriation			Revised			New Total		
	(O&M)	(FAR)	Total	(O&M)	(FAR)	Revised Total	(O&M)	(FAR)	New Total
	New	Replacement		New	Replacement		New	Replacement	
Automated Sample Prep Extractor	-	-	-	-	12,000	12,000	-	12,000	12,000
Ultra-Pure Water Purifier	-	-	-	-	12,500	12,500	-	12,500	12,500
Microscope: Phase Contrast/Digital Camera	-	-	-	36,000	-	36,000	36,000	-	36,000
Bench Top FlowCam 8100	-	-	-	-	67,000	67,000	-	67,000	67,000
<b>Total Environmental Services</b>	<b>60,000</b>	<b>355,000</b>	<b>415,000</b>	<b>322,000</b>	<b>(189,500)</b>	<b>132,500</b>	<b>382,000</b>	<b>165,500</b>	<b>547,500</b>
<b>TECHNOLOGY &amp; INNOVATION</b>									
Instrumentation - In-situ Analyzer (3)	-	40,050	40,050	-	4,950	4,950	-	45,000	45,000
Instrumentation - Extractive Analyzer	-	100,000	100,000	-	(100,000)	(100,000)	-	-	-
Instrumentation - Microwave Density	-	35,000	35,000	-	7,500	7,500	-	42,500	42,500
Instrumentation - Extractive Analyzer	-	-	-	100,000	-	100,000	100,000	-	100,000
<b>Total Technology &amp; Innovation</b>	<b>-</b>	<b>175,050</b>	<b>175,050</b>	<b>100,000</b>	<b>(87,550)</b>	<b>12,450</b>	<b>100,000</b>	<b>87,500</b>	<b>187,500</b>
<b>TOTAL SPECIALIZED SUPPORT EQUIPMENT</b>	<b>\$ 60,000</b>	<b>940,050</b>	<b>1,000,050</b>	<b>422,000</b>	<b>(65,778)</b>	<b>356,222</b>	<b>482,000</b>	<b>874,272</b>	<b>1,356,272</b>
<b>VEHICLES</b>									
<b>MAINTENANCE DEPARTMENT</b>									
Electric Cart (26073, 26090, & 26093)	-	60,000	60,000	-	15,000	15,000	-	75,000	75,000
John Deere Gator (26296)	-	20,000	20,000	-	5,000	5,000	-	25,000	25,000
<b>Total Maintenance</b>	<b>-</b>	<b>80,000</b>	<b>80,000</b>	<b>-</b>	<b>20,000</b>	<b>20,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>
<b>NORTHERN TREATMENT PLANT</b>									
<b>MAINTENANCE DIVISION</b>									
Electric Cart (2)	-	-	-	50,000	-	50,000	50,000	-	50,000
Pickup	-	-	-	50,000	-	50,000	50,000	-	50,000
<b>Total Northern Treatment Plant</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>-</b>	<b>100,000</b>
<b>ENGINEERING</b>									
SUV (16140)	-	40,000	40,000	-	5,000	5,000	-	45,000	45,000
<b>Total Engineering</b>	<b>-</b>	<b>40,000</b>	<b>40,000</b>	<b>-</b>	<b>5,000</b>	<b>5,000</b>	<b>-</b>	<b>45,000</b>	<b>45,000</b>

**CAPITAL EQUIPMENT EXPENDITURES**  
**For individual items ≥ \$10,000 & ≤ \$500,000**  
**2023 Revised Budget**

	Appropriation			Revised			New Total		
	(O&M)	(FAR)	Total	(O&M)	(FAR)	Revised Total	(O&M)	(FAR)	New Total
	New	Replacement		New	Replacement		New	Replacement	
<b>ENVIRONMENTAL SERVICES DEPARTMENT</b>									
Pickup (26138)	-	-	-	-	70,000	70,000	-	70,000	70,000
<b>Total Enviromental Services</b>	-	-	-	-	70,000	70,000	-	70,000	70,000
<b>INFORMATION TECHNOLOGY</b>									
Gas Cart	-	-	-	25,000	-	25,000	25,000	-	25,000
<b>Total Information Technology</b>	-	-	-	25,000	-	25,000	25,000	-	25,000
<b>STRATEGY &amp; COMMUNICATION</b>									
Gas Cart	-	-	-	25,000	-	25,000	25,000	-	25,000
<b>Total Strategy &amp; Communication</b>	-	-	-	25,000	-	25,000	25,000	-	25,000
<b>TECHNOLOGY &amp; INNOVATION</b>									
Gas Cart (2)	-	-	-	50,000	-	50,000	50,000	-	50,000
<b>Total Technology &amp; Innovation</b>	-	-	-	50,000	-	50,000	50,000	-	50,000
<b>TOTAL VEHICLES</b>	-	120,000	120,000	200,000	95,000	295,000	200,000	215,000	315,000
<b>TOTAL CAPITAL EQUIPMENT EXPENDITURES</b>	<b>\$ 60,000</b>	<b>1,060,050</b>	<b>1,120,050</b>	<b>622,000</b>	<b>29,222</b>	<b>651,222</b>	<b>682,000</b>	<b>1,089,272</b>	<b>1,671,272</b>

**CAPITAL EQUIPMENT EXPENDITURES**  
**For individual items ≥ \$500,000**  
**2023 Revised Budget**

	Appropriation			Revised			New Total		
	(Gen) New	(FAR) Replacement	Total	(Gen) New	(FAR) Replacement	Revised Total	(Gen) New	(FAR) Replacement	New Total
<b><u>SPECIALIZED SUPPORT EQUIPMENT</u></b>									
<b>ENVIRONMENTAL SERVICES</b>									
Liquid Chromatograph Triple Quad Mass Spectrom	\$ -	450,000	450,000	-	(450,000)	(450,000)	-	-	-
GC High Resolution Mass Spec-QTOF	-	-	-	550,000	-	550,000	550,000	-	550,000
<b>TOTAL SPECIALIZED SUPPORT EQUIPMENT</b>	<b>-</b>	<b>450,000</b>	<b>450,000</b>	<b>550,000</b>	<b>(450,000)</b>	<b>100,000</b>	<b>550,000</b>	<b>-</b>	<b>550,000</b>
<b><u>VEHICLES</u></b>									
None	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
<b>TOTAL VEHICLES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CAPITAL EQUIPMENT EXPENDITURES</b>	<b>\$ -</b>	<b>450,000</b>	<b>450,000</b>	<b>550,000</b>	<b>(450,000)</b>	<b>100,000</b>	<b>550,000</b>	<b>-</b>	<b>550,000</b>

**PERSONNEL SUMMARY**

**2022 Through 2024**

**By Department at Year End**

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>Administrative Services</b>	<b>61.00</b>	<b>30.00</b>	<b>29.00</b>	<b>30.00</b>	<b>31.00</b>	<b>31.00</b>
<b>Comprehensive Planning</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>
<b>Engineering</b>	<b>48.75</b>	<b>48.75</b>	<b>49.75</b>	<b>48.75</b>	<b>49.00</b>	<b>50.00</b>
<b>Environmental Services</b>	<b>90.00</b>	<b>78.00</b>	<b>78.00</b>	<b>79.00</b>	<b>76.00</b>	<b>76.00</b>
<b>Human Resources</b>	<b>12.00</b>	<b>13.00</b>	<b>12.00</b>	<b>13.00</b>	<b>13.00</b>	<b>13.00</b>
<b>Information Technology</b>	<b>0.00</b>	<b>30.00</b>	<b>25.00</b>	<b>32.00</b>	<b>32.00</b>	<b>32.00</b>
<b>Maintenance</b>	<b>86.00</b>	<b>83.00</b>	<b>72.00</b>	<b>83.00</b>	<b>81.00</b>	<b>81.00</b>
<b>Northern Treatment Plant</b>	<b>23.00</b>	<b>25.00</b>	<b>21.00</b>	<b>28.00</b>	<b>28.00</b>	<b>28.00</b>
<b>Office of the CEO</b>	<b>5.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>
<b>Office of the General Counsel</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>4.00</b>	<b>4.00</b>
<b>Operations</b>	<b>41.00</b>	<b>41.00</b>	<b>38.00</b>	<b>42.00</b>	<b>42.00</b>	<b>45.00</b>
<b>Resource Recovery and Reuse</b>	<b>66.00</b>	<b>66.00</b>	<b>62.00</b>	<b>68.00</b>	<b>69.00</b>	<b>71.00</b>
<b>Strategy and Communication</b>	<b>9.00</b>	<b>10.00</b>	<b>9.00</b>	<b>11.00</b>	<b>13.00</b>	<b>14.00</b>
<b>Technology and Innovation</b>	<b>8.00</b>	<b>21.00</b>	<b>19.00</b>	<b>22.00</b>	<b>22.00</b>	<b>22.00</b>
<b>Total Metro Personnel</b>	<b>457.75</b>	<b>460.75</b>	<b>429.75</b>	<b>471.75</b>	<b>472.00</b>	<b>479.00</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>ADMINISTRATIVE SERVICES</b>						
<b>Finance</b>						
5100 - Accounts Payable Technician	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Connection Charge Analyst	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Director of Admin Services	1.00	0.00	0.00	0.00	0.00	0.00
5100 - Financial Accountant I	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Financial Accountant II	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Internal Auditor	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Payroll Administrator	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Senior Accounting Manager	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Utility Charge Manager	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Finance</b>	<b>10.00</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>
<b>Procurement</b>						
5300 - Administrative Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5300 - Chief Procurement Officer	1.00	0.00	0.00	0.00	0.00	0.00
5300 - Inventory Control Specialist	1.00	1.00	1.00	1.00	1.00	1.00
5300 - MRO Specialist	1.00	1.00	2.00	1.00	1.00	1.00
5300 - Purchasing Manager	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Senior MRO Specialist	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Senior Strategic Sourcing Specialist	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Sourcing Technician	1.00	1.00	0.00	1.00	1.00	1.00
5300 - Strategic Sourcing Lead	1.00	1.00	0.00	1.00	1.00	1.00
5300 - Strategic Sourcing Specialist	2.00	3.00	3.00	3.00	3.00	3.00
5300 - Warehouse Operation Supervisor	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Warehouse Operations Lead	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Warehouse Operations Technician	6.00	5.00	5.00	5.00	6.00	6.00
<b>Total Procurement</b>	<b>19.00</b>	<b>17.00</b>	<b>16.00</b>	<b>17.00</b>	<b>18.00</b>	<b>18.00</b>
<b>Information Technology</b>						
5500 - Administrative Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Database Administrator	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Application Specialist Senior	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Business Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Infrastructure Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Security Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Senior Support Analyst	3.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Service Delivery Analyst Senior	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Service Delivery Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Support Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Systems Architect	2.00	0.00	0.00	0.00	0.00	0.00
5500 - Programming/Application Support Supvr	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Records Mgmt Administrator	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Records Mgmt Specialist I	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Records Mgmt Specialist II	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior Business Intell Solution Architect	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior IT Manager	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior IT Systems Architect	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior Programmer Analyst	5.00	0.00	0.00	0.00	0.00	0.00
5500 - Systems Administrator	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Systems Administrator Senior	1.00	0.00	0.00	0.00	0.00	0.00
<b>Total Information Technology</b>	<b>28.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>Budget</b>						
5600 - Administrative Assistant	2.00	2.00	2.00	2.00	2.00	2.00
5600 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	1.00	1.00
5600 - Senior Budget Manager	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Budget</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>
<b>Total Administrative Services Department</b>	<b>61.00</b>	<b>30.00</b>	<b>29.00</b>	<b>30.00</b>	<b>31.00</b>	<b>31.00</b>
<b>COMPREHENSIVE PLANNING</b>						
0090 - Director of Comprehensive Planning	1.00	1.00	1.00	1.00	1.00	1.00
0090 - Senior Engineer	4.00	0.00	0.00	0.00	0.00	0.00
0090 - Senior Wastewater Infrastructure Planner	0.00	4.00	4.00	4.00	4.00	4.00
<b>Total Comprehensive Planning Department</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>
<b>ENGINEERING</b>						
0001 - Administrative Assistant	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Associate Modeler	0.00	0.00	1.00	0.00	1.00	1.00
0001 - BIM Supervisor	1.00	1.00	1.00	1.00	2.00	2.00
0001 - BIM/CAD Manager	1.00	1.00	1.00	1.00	0.00	0.00
0001 - CAD Operator II	1.00	1.00	1.00	1.00	0.00	0.00
0001 - CAD Operator III	1.00	1.00	1.00	1.00	0.00	0.00
0001 - CAD Supervisor	1.00	1.00	1.00	1.00	0.00	0.00
0001 - Deputy CEO/Director of Engineering	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Designer I	1.00	1.00	1.00	1.00	0.00	0.00
0001 - Director of Engineering	0.00	1.00	1.00	1.00	1.00	1.00
0001 - Engineer Associate	1.00	2.00	2.00	2.00	5.00	5.00
0001 - Engineer Electrical I&C Associate	1.00	0.00	0.00	0.00	1.00	2.00
0001 - Engineering Electrical I&C Technician II	1.00	1.00	0.00	1.00	0.00	0.00
0001 - Engineering Technician I	0.00	1.00	0.00	1.00	0.00	0.00
0001 - Engineering Technician II	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Geospatial Manager	0.00	0.00	1.00	0.00	1.00	1.00
0001 - GIS Specialist	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Principal Engineer	5.00	6.00	6.00	6.00	6.00	6.00
0001 - Principal Engineer Elec I&C	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Principal Permitting Engineer	0.00	0.75	0.75	0.75	1.00	1.00
0001 - Real Property/QC Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Electrical/I&C Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Engineer	6.75	5.00	4.00	5.00	4.00	4.00
0001 - Senior Engineer Elec I&C	1.00	1.00	0.00	1.00	1.00	1.00
0001 - Senior Quality Control Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Transmission Systems Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Treatment Plant Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Staff Engineer	4.00	3.00	3.00	3.00	3.00	3.00
0001 - Staff Engineer Elect I&C	4.00	5.00	5.00	5.00	4.00	4.00
0001 - Staff Modeler	0.00	0.00	3.00	0.00	2.00	2.00
5550 - Control Systems Engineering Technician	1.00	1.00	1.00	1.00	1.00	1.00
5550 - Principal Control Systems Engineer	1.00	1.00	1.00	1.00	2.00	2.00
5550 - Senior Control Systems Engineer	4.00	5.00	5.00	5.00	4.00	4.00
5550 - Staff Control Systems Engineer	2.00	1.00	1.00	1.00	1.00	1.00
<b>Total Engineering</b>	<b>48.75</b>	<b>48.75</b>	<b>49.75</b>	<b>48.75</b>	<b>49.00</b>	<b>50.00</b>
<b>ENVIRONMENTAL SERVICES</b>						
0001 - Administrative Assistant	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Administrative Assistant Senior	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Analytical Chemist I	2.00	0.00	0.00	0.00	0.00	0.00
0001 - Analytical Chemist II	2.00	0.00	0.00	0.00	0.00	0.00
0001 - Analytical Services Administrator	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Chemist Supervisor	1.00	0.00	0.00	0.00	0.00	0.00

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
0001 - In-Line Instrument Spec I	2.00	0.00	0.00	0.00	0.00	0.00
0001 - In-Line Instrument Spec II	4.00	0.00	0.00	0.00	0.00	0.00
0001 - In-Line Instrument Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Analyst I	18.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Analyst II	8.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Supervisor	4.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Support Specialist	3.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Support Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
0001 - QAQC Specialist I	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Quality Assurance Manager	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Senior Laboratory Manager	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Director of Environmental Services	1.00	1.00	1.00	1.00	1.00	1.00
0049 - Administrative Analyst	1.00	0.00	0.00	0.00	0.00	0.00
0049 - Biosolids Administrator	1.00	1.00	1.00	1.00	0.00	0.00
0049 - Environmental Sampling Field Specialist	0.00	0.00	2.00	0.00	2.00	2.00
0049 - Environmental Sampling Field Technician	0.00	0.00	4.00	0.00	4.00	4.00
0049 - Environmental Sampling Lead	0.00	0.00	1.00	0.00	1.00	1.00
0049 - Environmental Sampling Supervisor	0.00	0.00	1.00	0.00	1.00	1.00
0049 - Regulatory Compliance Associate	1.00	2.00	2.00	2.00	2.00	2.00
0049 - Regulatory Compliance Manager	0.00	0.00	0.00	0.00	1.00	1.00
0049 - Regulatory Compliance Specialist Senior	2.00	2.00	2.00	2.00	2.00	2.00
0049 - Regulatory Compliance Specialist	1.00	1.00	1.00	1.00	1.00	1.00
0049 - Regulatory Compliance Technician	0.00	0.00	0.00	0.00	1.00	1.00
0049 - Sampling and Data Quality Coordinator	0.00	1.00	0.00	1.00	1.00	1.00
0049 - Senior Regulatory Affairs Manager	1.00	1.00	1.00	1.00	1.00	1.00
0050 - Administrative Analyst	0.00	0.00	0.00	0.00	1.00	1.00
0050 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	0.00	0.00
0050 - Engineer Associate	0.00	1.00	1.00	1.00	5.00	5.00
0050 - Environmental Sampling Field Specialist	2.00	2.00	2.00	2.00	0.00	0.00
0050 - Environmental Sampling Field Technician	5.00	4.00	4.00	4.00	0.00	0.00
0050 - Environmental Sampling Lead	1.00	1.00	1.00	1.00	0.00	0.00
0050 - Environmental Sampling Supervisor	1.00	1.00	1.00	1.00	0.00	0.00
0050 - Industrial Pretreatment Manager	2.00	2.00	2.00	2.00	2.00	2.00
0050 - Industrial Pretreatment Program Lead	0.00	0.00	0.00	0.00	1.00	1.00
0050 - Industrial Pretreatment Program Specialist I	3.00	3.00	3.00	3.00	1.00	1.00
0050 - Industrial Pretreatment Program Specialist II	4.00	4.00	4.00	4.00	4.00	4.00
0050 - Industrial Pretreatment Supervisor	0.00	0.00	0.00	0.00	1.00	1.00
0050 - Industrial Pretreatment Sector Investigator I	1.00	1.00	0.00	1.00	2.00	2.00
0050 - Industrial Pretreatment Sector Investigator II	3.00	3.00	3.00	3.00	2.00	2.00
0050 - Sampling and Data Quality Coordinator	1.00	0.00	0.00	0.00	0.00	0.00
0050 - Senior Pretreatment and Sampling Manager	1.00	1.00	1.00	1.00	1.00	1.00
0051 - Senior Water Quality Manager	1.00	1.00	1.00	1.00	1.00	1.00
0051 - Water Quality Scientist	2.00	2.00	2.00	2.00	2.00	2.00
0051 - Water Quality Scientist Senior	0.00	2.00	2.00	2.00	2.00	2.00
0051 - Water Quality Scientist Associate	0.00	0.00	0.00	1.00	0.00	0.00
0051 - Water Quality Specialist	2.00	0.00	0.00	0.00	0.00	0.00
0060 - Administrative Assistant Senior	0.00	1.00	1.00	1.00	1.00	1.00
0060 - Analytical Chemist I	0.00	3.00	3.00	3.00	3.00	3.00
0060 - Analytical Chemist II	0.00	1.00	1.00	1.00	1.00	1.00
0060 - Analytical Services Administrator	0.00	1.00	0.00	1.00	1.00	1.00
0060 - Chemist Supervisor	0.00	1.00	0.00	1.00	0.00	0.00
0060 - Laboratory Analyst I	0.00	18.00	15.00	18.00	10.00	10.00
0060 - Laboratory Analyst II	0.00	8.00	8.00	8.00	10.00	10.00
0060 - Laboratory Analyst III	0.00	0.00	0.00	0.00	1.00	1.00
0060 - Laboratory Supervisor	0.00	4.00	4.00	4.00	4.00	4.00
0060 - QA/QC Specialist I	0.00	1.00	1.00	1.00	1.00	1.00
0060 - Quality Assurance Manager	0.00	1.00	0.00	1.00	0.00	0.00
0060 - Senior Laboratory Manager	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Environmental Services</b>	<b>90.00</b>	<b>78.00</b>	<b>78.00</b>	<b>79.00</b>	<b>76.00</b>	<b>76.00</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>HUMAN RESOURCES</b>						
5200 - Administrative Assistant Senior	1.00	0.00	0.00	0.00	0.00	0.00
5200 - Director of Human Resources	1.00	1.00	1.00	1.00	1.00	1.00
5200 - Employment Manager	1.00	1.00	0.00	1.00	0.00	0.00
5200 - Human Resources Technician	0.00	1.00	0.00	1.00	1.00	1.00
5200 - Organizational Development & Learning Manager	0.00	0.00	1.00	0.00	1.00	1.00
5200 - Organizational Development Spec	1.00	1.00	1.00	1.00	0.00	0.00
5200 - Organizational Training Specialist	0.00	1.00	1.00	1.00	1.00	1.00
5200 - Senior Human Resources Manager	1.00	1.00	1.00	1.00	1.00	1.00
5200 - Talent Acquisition Specialist	0.00	1.00	1.00	1.00	2.00	2.00
5200 - Technical Training Specialist	1.00	0.00	0.00	0.00	0.00	0.00
5250 - Benefits Administrator	1.00	1.00	0.00	1.00	0.00	0.00
5250 - HRIS and Compensation Analyst	1.00	1.00	1.00	1.00	1.00	1.00
5250 - Senior Benefits Administrator	0.00	0.00	1.00	0.00	1.00	1.00
5250 - Senior Compensation & Benefits Manager	1.00	1.00	1.00	1.00	1.00	1.00
5900 - Environmental Health & Safety Specialist Senior	1.00	1.00	1.00	1.00	1.00	1.00
5900 - Environmental Health And Safety Technician	1.00	1.00	1.00	1.00	1.00	1.00
5900 - Senior Environmental Health and Safety Manager	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Human Resources</b>	<b>12.00</b>	<b>13.00</b>	<b>12.00</b>	<b>13.00</b>	<b>13.00</b>	<b>13.00</b>
<b>INFORMATION TECHNOLOGY</b>						
5501 - Administrative Assistant	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Database Administrator	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Director of IT	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Infrastructure Manager	0.00	0.00	1.00	0.00	1.00	1.00
5501 - IT Applications Manager	0.00	1.00	1.00	1.00	1.00	1.00
5501 - IT Application Specialist Senior	0.00	1.00	0.00	1.00	0.00	0.00
5501 - IT Customer Experience Analyst	0.00	0.00	0.00	0.00	1.00	1.00
5501 - IT Infrastructure Analyst	0.00	1.00	1.00	1.00	1.00	1.00
5501 - IT Project Manager	0.00	0.00	0.00	0.00	1.00	1.00
5501 - IT Senior Support Analyst	0.00	3.00	2.00	3.00	2.00	2.00
5501 - IT Service Delivery Analyst Senior	0.00	1.00	0.00	1.00	0.00	0.00
5501 - IT Service Delivery Manager	0.00	1.00	1.00	1.00	1.00	1.00
5501 - IT Support Analyst	0.00	1.00	3.00	1.00	3.00	3.00
5501 - Programmer/Analyst	0.00	0.00	1.00	0.00	1.00	1.00
5501 - Records Mgmt Administrator	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Records Mgmt Specialist I	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Records Mgmt Specialist II	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Senior Business Intell Solution Architect	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Senior IT Operations Manager	0.00	0.00	1.00	0.00	1.00	1.00
5501 - Senior IT Programmer/Analyst	0.00	5.00	1.00	5.00	2.00	2.00
5501 - Systems Administrator	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Systems Administrator Senior	0.00	0.00	0.00	1.00	1.00	1.00
5502 - Infrastructure and Cybersecurity Manager	0.00	1.00	0.00	1.00	0.00	0.00
5502 - IT Cybersecurity Analyst	0.00	1.00	1.00	2.00	2.00	2.00
5502 - IT Systems Architect	0.00	2.00	0.00	2.00	0.00	0.00
5502 - Senior Cybersecurity Manager	0.00	0.00	0.00	0.00	1.00	1.00
5502 - Senior IT Systems Architect	0.00	1.00	0.00	1.00	1.00	1.00
5503 - Administrative Analyst	0.00	1.00	1.00	1.00	1.00	1.00
5503 - Administrative Assistant	0.00	0.00	1.00	0.00	1.00	1.00
5503 - IT Business Analyst	0.00	1.00	1.00	1.00	1.00	1.00
5503 - Senior IT Enterprise Architect Manager	0.00	0.00	1.00	0.00	1.00	1.00
5505 - Senior IT Manager	0.00	1.00	0.00	1.00	0.00	0.00
<b>Total Information Technology</b>	<b>0.00</b>	<b>30.00</b>	<b>25.00</b>	<b>32.00</b>	<b>32.00</b>	<b>32.00</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>MAINTENANCE</b>						
0001 - Administrative Analyst	0.00	0.00	1.00	0.00	1.00	1.00
0001 - Administrative Assistant	0.00	1.00	0.00	1.00	0.00	0.00
0001 - Administrative Assistant Senior	0.00	0.00	1.00	0.00	1.00	1.00
0001 - Capital Project Coordinator	1.00	1.00	0.00	1.00	1.00	1.00
0001 - Director Of Maintenance	1.00	1.00	1.00	1.00	1.00	1.00
0001 - EAM Administrator	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Maintenance Scheduler	1.00	1.00	1.00	1.00	1.00	1.00
0609 - Facilities Maintenance Lead	1.00	2.00	3.00	2.00	4.00	4.00
0609 - Facilities Maintenance Manager	1.00	1.00	1.00	1.00	1.00	1.00
0609 - Facilities Maintenance Supervisor	2.00	2.00	3.00	2.00	4.00	4.00
0609 - FM Equipment Operator Senior	3.00	3.00	3.00	3.00	3.00	3.00
0609 - Maintenance Planner	0.00	0.00	1.00	0.00	1.00	1.00
0609 - Maintenance Worker FM	3.00	4.00	5.00	4.00	5.00	5.00
0609 - Maintenance Worker II	3.00	3.00	2.00	3.00	3.00	3.00
0609 - Painter	1.00	1.00	0.00	1.00	0.00	0.00
0609 - Painter Trainee	1.00	0.00	0.00	0.00	0.00	0.00
0609 - Senior Maint Worker-Maint	2.00	6.00	9.00	6.00	10.00	10.00
0609 - Utility Repairman	2.00	0.00	1.00	0.00	2.00	2.00
0709 - EIT Journeyman Trainee	1.00	1.00	4.00	1.00	4.00	4.00
0709 - Electrical and Instrumentation Supervisor	2.00	2.00	2.00	2.00	2.00	2.00
0709 - Electrical Maintenance Manager	0.00	1.00	1.00	1.00	1.00	1.00
0709 - Electrician Instrument Tech	8.00	8.00	7.00	8.00	7.00	7.00
0709 - Electrician Instrument Tech Associate	2.00	1.00	0.00	1.00	0.00	0.00
0709 - Electrician Instrument Tech Senior	5.00	5.00	2.00	5.00	4.00	4.00
0709 - Maintenance Planner	0.00	0.00	1.00	0.00	1.00	1.00
0809 - Facilities Maintenance Lead	2.00	2.00	0.00	2.00	0.00	0.00
0809 - Facilities Maintenance Supervisor	2.00	2.00	0.00	2.00	0.00	0.00
0809 - Maintenance Contract Specialist	1.00	1.00	0.00	1.00	0.00	0.00
0809 - Maintenance Planner	3.00	3.00	1.00	3.00	1.00	1.00
0809 - Maintenance Worker Fm	4.00	0.00	0.00	0.00	0.00	0.00
0809 - Maintenance Worker II	4.00	0.00	0.00	0.00	0.00	0.00
0809 - Mechanical Industrial Tech Associate	2.00	1.00	0.00	1.00	0.00	0.00
0809 - Mechanical Industrial Tech Senior	2.00	4.00	5.00	4.00	6.00	6.00
0809 - Mechanical Industrial Technician	14.00	11.00	8.00	11.00	8.00	8.00
0809 - Mechanical Maintenance Manager	0.00	1.00	1.00	1.00	1.00	1.00
0809 - Mechanical Maintenance Supv	2.00	2.00	2.00	2.00	2.00	2.00
0809 - MIT Journeyman Trainee	1.00	5.00	5.00	5.00	5.00	5.00
0809 - Process Maintenance Superintendent	1.00	0.00	0.00	0.00	0.00	0.00
0809 - Senior Maint Worker-Maint	4.00	6.00	0.00	6.00	0.00	0.00
0809 - Senior Process Maintenance Manager	1.00	0.00	0.00	0.00	0.00	0.00
0809 - Technical Training Specialist	1.00	0.00	0.00	0.00	0.00	0.00
0809 - Utility Repairman Senior	1.00	0.00	0.00	0.00	0.00	0.00
<b>Total Maintenance</b>	<b>86.00</b>	<b>83.00</b>	<b>72.00</b>	<b>83.00</b>	<b>81.00</b>	<b>81.00</b>

**NORTHERN TREATMENT PLANT**

0200 - NTP Director of Operations and Maintenance	0.00	1.00	1.00	1.00	1.00	1.00
0200 - Senior NTP O&M Manager	1.00	0.00	0.00	0.00	0.00	0.00
0309 - Administrative Analyst	0.00	1.00	1.00	1.00	1.00	1.00
0309 - Administrative Assistant	1.00	1.00	0.00	1.00	0.00	0.00
0309 - Administrative Assistant Senior	1.00	0.00	1.00	0.00	1.00	1.00
0309 - Department Budget Administrator	1.00	0.00	0.00	0.00	0.00	0.00
0309 - NTP Superintendent	1.00	0.00	0.00	0.00	0.00	0.00
0309 - Operations Supervisor	1.00	1.00	2.00	2.00	2.00	2.00
0309 - Operator Technician	1.00	2.00	1.00	2.00	1.00	1.00
0309 - Plant Operator I	3.00	3.00	4.00	4.00	7.00	7.00
0309 - Plant Operator II	2.00	2.00	0.00	2.00	0.00	0.00
0309 - Plant Operator Lead	2.00	2.00	1.00	2.00	2.00	2.00
1708 - Electrician Instrument Tech	2.00	2.00	0.00	3.00	3.00	3.00

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
1708 - Facilities Maintenance Lead	0.00	1.00	1.00	1.00	1.00	1.00
1708 - Maintenance Worker FM	1.00	1.00	2.00	1.00	2.00	2.00
1708 - Mechanical Industrial Tech Associate	0.00	0.00	1.00	0.00	1.00	1.00
1708 - Mechanical Industrial Tech Senior	0.00	2.00	1.00	2.00	1.00	1.00
1708 - Mechanical Industrial Technician	1.00	1.00	1.00	1.00	1.00	1.00
1708 - NTP Facilities Maintenance Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
1708 - Senior Maint Worker-Maint	2.00	1.00	0.00	1.00	0.00	0.00
1708 - Utility Repairman	1.00	1.00	1.00	1.00	1.00	1.00
1709 - NTP Electrical & Instrumentation Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
1709 - NTP Maintenance Supervisor	2.00	0.00	0.00	0.00	0.00	0.00
1709 - NTP Mechanical Maintenance Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Northern Treatment Plant</b>	<b>23.00</b>	<b>25.00</b>	<b>21.00</b>	<b>28.00</b>	<b>28.00</b>	<b>28.00</b>

**OFFICE OF THE CEO**

0055 - Administrative Assistant	1.00	0.00	0.00	0.00	0.00	0.00
0055 - Administrative Assistant Senior	0.00	1.00	1.00	1.00	1.00	1.00
0055 - Assistant to the CEO	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Chief Executive Officer	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Chief Technical Officer	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Executive Assistant	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Chief Financial Officer	0.00	1.00	1.00	1.00	1.00	1.00
0055 - Deputy CEO/Chief Operating Officer	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Office of the CEO</b>	<b>5.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>

**OFFICE OF THE GENERAL COUNSEL**

0900 - Administrative Analyst	1.00	1.00	1.00	1.00	1.00	1.00
0900 - Associate General Counsel	1.00	1.00	1.00	1.00	2.00	2.00
0900 - General Counsel	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Office of the General Counsel</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>4.00</b>	<b>4.00</b>

**OPERATIONS**

0001 - Administrative Assistant Senior	0.00	1.00	0.00	1.00	0.00	0.00
0001 - Coordinated Operations Administrative Manager	1.00	1.00	0.00	1.00	0.00	0.00
0001 - Coordinated Ooperations Business Analyst	0.00	0.00	1.00	0.00	1.00	1.00
0001 - Director of Operations	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Chief Operating Officer	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Senior Coordinated Operations Administrative Mgr	0.00	0.00	1.00	0.00	1.00	1.00
1009 - Administrative Analyst	0.00	1.00	1.00	1.00	1.00	1.00
1009 - Administrative Assistant Senior	1.00	0.00	0.00	0.00	0.00	0.00
1009 - Operations Manager - RWHTF	0.00	0.00	1.00	0.00	1.00	1.00
1009 - Operations Supervisor	4.00	4.00	3.00	5.00	5.00	5.00
1009 - Operations Work Planner	0.00	0.00	1.00	0.00	1.00	1.00
1009 - Operations Work Planner Senior	2.00	2.00	2.00	2.00	2.00	2.00
1009 - Operator Technician	3.00	2.00	0.00	2.00	1.00	1.00
1009 - Plant Operator I	11.00	12.00	14.00	12.00	14.00	17.00
1009 - Plant Operator II	9.00	9.00	4.00	9.00	6.00	6.00
1009 - Plant Operator Lead	5.00	5.00	5.00	5.00	5.00	5.00
1009 - Senior RWHTF Operations Manager	1.00	1.00	1.00	1.00	1.00	1.00
5800 - Security Manager	1.00	1.00	2.00	1.00	1.00	1.00
5800 - Security Specialist Senior	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Operations Department</b>	<b>41.00</b>	<b>41.00</b>	<b>38.00</b>	<b>42.00</b>	<b>42.00</b>	<b>45.00</b>

**RESOURCE RECOVERY & REUSE**

0001 - Director of RR&R	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Fleet Maintenance Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Metrogro Farm Administrator	1.00	1.00	1.00	1.00	1.00	1.00
0001 - RR&R Operations Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - RR&R Work Planner	1.00	1.00	1.00	1.00	1.00	1.00
0001 - RR&R Work Planner Senior	1.00	1.00	2.00	1.00	2.00	2.00

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
0401 - Transmission Work Planner	1.00	1.00	1.00	1.00	1.00	1.00
0407 - Collections System Operator I	3.00	4.00	4.00	4.00	4.00	4.00
0407 - Collections System Operator II	1.00	1.00	1.00	1.00	1.00	1.00
0407 - Collections System Operator Lead	2.00	2.00	1.00	2.00	2.00	2.00
0407 - Collections System Technician	6.00	3.00	2.00	4.00	6.00	7.00
0407 - Maintenance Worker RR&R	0.00	2.00	0.00	2.00	0.00	0.00
0407 - Transmission Operations Manager	1.00	1.00	1.00	1.00	1.00	1.00
0407 - Transmission Operations Supervisor	2.00	2.00	2.00	2.00	2.00	2.00
0412 - Administrative Assistant	1.00	0.00	0.00	0.00	0.00	0.00
0412 - Administrative Assistant Senior	0.00	1.00	1.00	1.00	1.00	1.00
2230 - Administrative Analyst	0.00	0.00	1.00	0.00	1.00	1.00
2230 - Administrative Assistant Senior	2.00	1.00	0.00	1.00	0.00	0.00
2230 - Maintenance Worker - RR&R	0.00	0.00	1.00	0.00	1.00	1.00
2230 - RR&R Heavy Equipment/AG Operator	0.00	1.00	1.00	1.00	1.00	1.00
2230 - RR&R Operations Supervisor	2.00	2.00	2.00	2.00	2.00	2.00
2230 - RR&R Operator I	14.00	14.00	13.00	15.00	14.00	15.00
2230 - RR&R Operator II	6.00	6.00	7.00	6.00	7.00	7.00
2230 - RR&R Operator Lead	2.00	1.00	0.00	1.00	1.00	1.00
2230 - Senior Maint Worker-RR&R	1.00	1.00	0.00	1.00	0.00	0.00
2232 - Land Application Coordinator	1.00	1.00	1.00	1.00	1.00	1.00
2430 - Equipment & Transp Tech I	3.00	3.00	2.00	3.00	2.00	2.00
2430 - Equipment & Transp Tech II	5.00	5.00	7.00	5.00	7.00	7.00
2430 - Equipment & Transportation Tech Associate	0.00	1.00	3.00	1.00	3.00	3.00
2430 - Fleet Maint Supv	2.00	2.00	2.00	2.00	2.00	2.00
2609 - Senior Maint Worker-RR&R	1.00	1.00	0.00	1.00	0.00	0.00
2610 - Administrative Assistant	0.00	1.00	1.00	1.00	1.00	1.00
2610 - Equipment & Transp Tech I	1.00	1.00	0.00	1.00	0.00	0.00
2610 - Fleet Maintenance Technician	2.00	2.00	0.00	2.00	0.00	0.00
2610 - Maintenance Worker RR&R	1.00	0.00	0.00	0.00	0.00	0.00
2610 - Senior Maintenance Worker RR&R	0.00	0.00	1.00	0.00	1.00	1.00
<b>Total Resource Recovery &amp; Reuse Department</b>	<b>66.00</b>	<b>66.00</b>	<b>62.00</b>	<b>68.00</b>	<b>69.00</b>	<b>71.00</b>

**STRATEGY & COMMUNICATION**

0080 - Communication Analyst	0.00	0.00	0.00	1.00	1.00	1.00
0080 - Communication Specialist	2.00	1.00	1.00	1.00	1.00	1.00
0080 - Communications Specialist Senior	0.00	1.00	1.00	1.00	1.00	1.00
0080 - Senior Communications Manager	1.00	1.00	1.00	1.00	1.00	1.00
0081 - Public Information Specialist	2.00	2.00	2.00	2.00	2.00	2.00
0081 - Senior Public Information Manager	1.00	1.00	1.00	1.00	1.00	1.00
0082 - Governmental Affairs Liaison	1.00	1.00	1.00	1.00	1.00	1.00
0083 - Continuous Improvement Analyst	0.00	0.00	0.00	0.00	1.00	1.00
0083 - Continuous Improvement Specialist	0.00	1.00	0.00	1.00	1.00	1.00
0083 - Senior Continuous Improvement Manager	0.00	0.00	1.00	0.00	1.00	1.00
0200 - Administrative Assistant	0.00	0.00	0.00	0.00	0.00	1.00
0200 - Business Process Improvement Lead	1.00	1.00	0.00	1.00	0.00	0.00
0200 - Community Relations Liaison	0.00	0.00	0.00	0.00	1.00	1.00
0200 - Director of Strategy and Communication	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Strategy &amp; Communication Department</b>	<b>9.00</b>	<b>10.00</b>	<b>9.00</b>	<b>11.00</b>	<b>13.00</b>	<b>14.00</b>

**TECHNOLOGY & INNOVATION**

0070 - Administrative Analyst	0.00	2.00	1.00	1.00	1.00	1.00
0070 - Associate Data Analytics Engineer	0.00	2.00	2.00	2.00	2.00	2.00
0070 - Director of Technology and Innovation	1.00	1.00	1.00	1.00	1.00	1.00
0070 - Engineer Associate	1.00	1.00	1.00	1.00	1.00	1.00
0070 - Principal Engineer	0.00	0.00	1.00	1.00	1.00	1.00
0070 - Senior Analytical Solutions Manager	0.00	0.00	0.00	1.00	1.00	1.00
0070 - Senior Data Analytics Engineer	0.00	1.00	1.00	1.00	1.00	1.00
0070 - Senior Engineer	5.00	2.00	2.00	2.00	3.00	3.00
0070 - Senior Wastewater Process Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
0070 - Staff Engineer	0.00	0.00	1.00	1.00	1.00	1.00
0071 - In-Line Instrument Spec I	0.00	2.00	2.00	2.00	2.00	2.00
0071 - In-Line Instrument Spec II	0.00	4.00	4.00	4.00	4.00	4.00
0071 - In-Line Instrument Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
0071 - Laboratory Support Specialist	0.00	3.00	0.00	2.00	1.00	1.00
0071 - Wastewater Process Analytical Support Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Technology &amp; Innovation Department</b>	<b>8.00</b>	<b>21.00</b>	<b>19.00</b>	<b>22.00</b>	<b>22.00</b>	<b>22.00</b>
<b>TOTAL METRO PERSONNEL</b>	<b>457.75</b>	<b>460.75</b>	<b>429.75</b>	<b>471.75</b>	<b>472.00</b>	<b>479.00</b>

# Maintenance Department

## *Description of Operations*

The Maintenance Department is responsible for providing preventive, corrective, and predictive maintenance at the Robert W. Hite Treatment Facility (RWHTF) to meet reliability requirements and operational demands for liquid treatment, solids processing, and energy cogeneration. This includes maintaining Metro offices, support facility buildings and maintaining facility support utilities such as water, electrical, and natural gas systems. The Maintenance Department coordinates capital and operational project activities at facilities in collaboration with other departments.

The Maintenance Department 2023 Revised Budget increased by 6.7% compared to the 2023 Budget. The 2024 Budget is increasing by 9.0% compared to the 2023 Budget. This is due to an increase in personnel costs, materials and supplies, and outside services.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 9,946,200	\$ 10,152,700	\$ 206,500	\$ 10,480,500	\$ 534,300
Materials & Fuels	2,900,500	3,255,600	355,100	3,255,600	355,100
Chemicals	25,000	-	(25,000)	-	(25,000)
Outside Services	1,825,000	2,280,000	455,000	2,285,000	460,000
Support Expenses	131,200	132,000	800	144,000	12,800
<b>Total Maintenance</b>	<b>\$ 14,827,900</b>	<b>\$ 15,820,300</b>	<b>\$ 992,400</b>	<b>\$ 16,165,100</b>	<b>\$ 1,337,200</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Maintenance Staff	83	81	(2)	81	(2)

## *2022 Highlights*

- ~6,000 major pieces of processing equipment
- ~10,000 pieces of active equipment at RWHTF
- 106 call-in events
- 14,855 work orders completed
- 70 buildings on 160 acres
- 800,000 square feet of parking lots
- 8 miles of facility streets

METRO WATER RECOVERY  
DEPARTMENT SUMMARY

**MAINTENANCE DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
MANAGEMENT	441,401	403,550	1,009,850	1,052,200
FACILITIES MAINTENANCE - GROUNDS	3,874,214	5,273,288	5,655,850	5,766,200
ELECTRICAL MAINTENANCE - GROUNDS	-	-	4,339,600	4,418,900
MECHANICAL MAINTENANCE - GROUNDS	10,644,517	9,151,062	4,815,000	4,927,800
<b>Total MAINTENANCE</b>	<b>14,960,132</b>	<b>14,827,900</b>	<b>15,820,300</b>	<b>16,165,100</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**MAINTENANCE DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>				
5101 REGULAR WAGES	5,213,447	6,402,600	6,384,800	6,705,200
5105 OVERTIME WAGES	243,906	170,000	225,000	190,000
5104 ON-CALL WAGES	147,583	125,000	190,000	150,000
5103 TEMPORARY WAGES	15,057	45,000	46,000	50,000
5109 BENEFITS	2,963,747	3,136,800	3,240,100	3,318,500
5108 EMPLOYEE INCENTIVE PAY	86,750	62,000	62,000	62,000
5110 CAR ALLOWANCE	4,800	4,800	4,800	4,800
Total PERSONNEL	8,675,290	9,946,200	10,152,700	10,480,500
<b>MATERIALS &amp; FUELS</b>				
5213 MATERIALS & SUPPLIES	3,774,658	2,900,500	3,255,600	3,255,600
Total MATERIALS & FUELS	3,774,658	2,900,500	3,255,600	3,255,600
<b>CHEMICALS</b>				
5365 SCALING INHIBITOR	18,258	25,000	-	-
Total CHEMICALS	18,258	25,000	-	-
<b>OUTSIDE SERVICES</b>				
5540 OS - RENTAL	-	10,000	30,000	25,000
5549 OS - OTHER	30,316	40,000	50,000	60,000
5556 OS - MAINTENANCE	2,288,027	1,775,000	2,200,000	2,200,000
Total OUTSIDE SERVICES	2,318,343	1,825,000	2,280,000	2,285,000
<b>SUPPORT SERVICES</b>				
5610 MEMBERSHIPS	5,684	7,500	7,500	7,500
5685 MEETINGS & CONFERENCES	41,488	26,000	26,000	30,000
5686 TRAINING & DEVELOPMENT	126,411	97,000	98,500	106,500
5687 SUBSCRIPTIONS/PUBLICATIONS	-	700	-	-
Total SUPPORT EXPENSES	173,583	131,200	132,000	144,000
<b>TOTAL MAINTENANCE</b>	<b>14,960,132</b>	<b>14,827,900</b>	<b>15,820,300</b>	<b>16,165,100</b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY ACTIVITY

**MAINTENANCE DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<i>MANAGEMENT</i>				
5101 Regular Wages	218,275	192,900	581,700	609,300
5108 Employee Incentive Pay	86,750	62,000	62,000	62,000
5109 Benefits	94,992	94,600	294,500	301,500
5110 Car Allowance	4,800	4,800	4,800	4,800
<b>Total PERSONNEL</b>	<b>404,817</b>	<b>354,300</b>	<b>943,000</b>	<b>977,600</b>
5213 Materials & Supplies	15,817	500	10,600	10,600
<b>Total MATERIALS &amp; FUELS</b>	<b>15,817</b>	<b>500</b>	<b>10,600</b>	<b>10,600</b>
5549 Os - Other	10,231	40,000	40,000	45,000
<b>Total OUTSIDE SERVICES</b>	<b>10,231</b>	<b>40,000</b>	<b>40,000</b>	<b>45,000</b>
5610 Memberships	175	500	7,500	7,500
5685 Meetings & Conferences	9,473	6,000	6,000	8,500
5686 Training & Development	888	2,000	2,750	3,000
5687 Subscriptions/Publications	-	250	-	-
<b>Total SUPPORT EXPENSES</b>	<b>10,536</b>	<b>8,750</b>	<b>16,250</b>	<b>19,000</b>
<b>Total MANAGEMENT</b>	<b>441,401</b>	<b>403,550</b>	<b>1,009,850</b>	<b>1,052,200</b>
<i>HITE GROUNDS</i>				
5101 Regular Wages	117,102	185,200	195,400	204,800
5103 Temporary Wages	-	22,500	23,000	50,000
5105 Overtime Wages	-	11,961	-	-
5109 Benefits	79,136	91,500	97,800	100,500
<b>Total PERSONNEL</b>	<b>196,238</b>	<b>311,161</b>	<b>316,200</b>	<b>355,300</b>
5213 Materials & Supplies	45,598	77,000	275,000	275,000
<b>Total MATERIALS &amp; FUELS</b>	<b>45,598</b>	<b>77,000</b>	<b>275,000</b>	<b>275,000</b>
5556 Os - Maintenance	140,519	100,000	300,000	320,000
<b>Total OUTSIDE SERVICES</b>	<b>140,519</b>	<b>100,000</b>	<b>300,000</b>	<b>320,000</b>
5685 Meetings & Conferences	2,461	-	-	-
<b>Total SUPPORT EXPENSES</b>	<b>2,461</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total HITE GROUNDS</b>	<b>384,816</b>	<b>488,161</b>	<b>891,200</b>	<b>950,300</b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY ACTIVITY

**MAINTENANCE DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<i>HITE EQUIPMENT</i>				
5101 Regular Wages	22,054	73,200	73,500	77,800
5105 Overtime Wages	-	4,448	-	-
5109 Benefits	33,181	35,700	36,700	37,800
<b>Total PERSONNEL</b>	<b>55,235</b>	<b>113,348</b>	<b>110,200</b>	<b>115,600</b>
5213 Materials & Supplies	266,229	170,000	115,000	115,000
<b>Total MATERIALS &amp; FUELS</b>	<b>266,229</b>	<b>170,000</b>	<b>115,000</b>	<b>115,000</b>
5556 Os - Maintenance	30,457	35,000	60,000	60,000
<b>Total OUTSIDE SERVICES</b>	<b>30,457</b>	<b>35,000</b>	<b>60,000</b>	<b>60,000</b>
<b>Total HITE EQUIPMENT</b>	<b>351,921</b>	<b>318,348</b>	<b>285,200</b>	<b>290,600</b>
<i>HITE SUPPORT TO FACILITIES</i>				
5101 Regular Wages	200,424	572,000	548,700	576,800
5105 Overtime Wages	180	3,908	-	-
5109 Benefits	259,950	279,200	278,800	286,000
<b>Total PERSONNEL</b>	<b>460,554</b>	<b>855,108</b>	<b>827,500</b>	<b>862,800</b>
5213 Materials & Supplies	494,296	490,000	100,000	100,000
<b>Total MATERIALS &amp; FUELS</b>	<b>494,296</b>	<b>490,000</b>	<b>100,000</b>	<b>100,000</b>
5540 Os - Rental	-	10,000	30,000	25,000
5556 Os - Maintenance	1,242,289	925,000	-	-
<b>Total OUTSIDE SERVICES</b>	<b>1,242,289</b>	<b>935,000</b>	<b>30,000</b>	<b>25,000</b>
<b>Total HITE SUPPORT TO FACILITIES</b>	<b>2,197,139</b>	<b>2,280,108</b>	<b>957,500</b>	<b>987,800</b>
<i>HITE SUPPORT TO TRANSMISSIONS</i>				
5101 Regular Wages	86,934	302,600	315,200	331,500
5105 Overtime Wages	1,162	3,985	-	-
5109 Benefits	137,935	148,700	160,800	164,400
<b>Total PERSONNEL</b>	<b>226,031</b>	<b>455,285</b>	<b>476,000</b>	<b>495,900</b>
5213 Materials & Supplies	137,200	150,000	115,000	115,000
<b>Total MATERIALS &amp; FUELS</b>	<b>137,200</b>	<b>150,000</b>	<b>115,000</b>	<b>115,000</b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY ACTIVITY

**MAINTENANCE DEPARTMENT**

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
5556 Os - Maintenance	3,745	6,000	40,000	40,000
Total OUTSIDE SERVICES	3,745	6,000	40,000	40,000
<b>Total HITE SUPPORT TO TRANSMISSIONS</b>	<b>366,976</b>	<b>611,285</b>	<b>631,000</b>	<b>650,900</b>
<i>HITE NORTH PRIMARY</i>				
5101 Regular Wages	267,473	338,200	346,200	363,700
5105 Overtime Wages	3,520	20,046	-	-
5109 Benefits	153,763	165,200	175,800	180,000
Total PERSONNEL	424,755	523,446	522,000	543,700
5213 Materials & Supplies	215,803	205,000	175,000	175,000
Total MATERIALS & FUELS	215,803	205,000	175,000	175,000
5556 Os - Maintenance	218	50,000	40,000	40,000
Total OUTSIDE SERVICES	218	50,000	40,000	40,000
<b>Total HITE NORTH PRIMARY</b>	<b>640,776</b>	<b>778,446</b>	<b>737,000</b>	<b>758,700</b>
<i>HITE SOUTH PRIMARY</i>				
5101 Regular Wages	130,869	279,200	286,000	299,900
5105 Overtime Wages	2,187	21,246	-	-
5109 Benefits	127,131	137,000	145,600	149,200
Total PERSONNEL	260,187	437,446	431,600	449,100
5213 Materials & Supplies	184,656	46,000	175,000	175,000
Total MATERIALS & FUELS	184,656	46,000	175,000	175,000
5556 Os - Maintenance	15,062	25,000	40,000	40,000
Total OUTSIDE SERVICES	15,062	25,000	40,000	40,000
<b>Total HITE SOUTH PRIMARY</b>	<b>459,906</b>	<b>508,446</b>	<b>646,600</b>	<b>664,100</b>
<i>HITE NORTH SECONDARY</i>				
5101 Regular Wages	327,210	440,000	424,900	439,600
5105 Overtime Wages	528	12,776	-	-
5109 Benefits	200,380	216,700	214,900	217,900
Total PERSONNEL	528,118	669,476	639,800	657,500

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY ACTIVITY

**MAINTENANCE DEPARTMENT**

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
5213 Materials & Supplies	452,844	315,000	175,000	175,000
Total MATERIALS & FUELS	452,844	315,000	175,000	175,000
5556 Os - Maintenance	80,597	12,000	40,000	40,000
Total OUTSIDE SERVICES	80,597	12,000	40,000	40,000
<b>Total HITE NORTH SECONDARY</b>	<b>1,061,559</b>	<b>996,476</b>	<b>854,800</b>	<b>872,500</b>
<i>HITE SOUTH SECONDARY</i>				
5101 Regular Wages	249,456	370,400	356,700	375,800
5105 Overtime Wages	3,220	9,713	-	-
5109 Benefits	168,635	180,900	181,200	187,200
Total PERSONNEL	421,311	561,013	537,900	563,000
5213 Materials & Supplies	306,994	192,000	175,000	175,000
Total MATERIALS & FUELS	306,994	192,000	175,000	175,000
5556 Os - Maintenance	49,043	7,000	40,000	40,000
Total OUTSIDE SERVICES	49,043	7,000	40,000	40,000
<b>Total HITE SOUTH SECONDARY</b>	<b>777,347</b>	<b>760,013</b>	<b>752,900</b>	<b>778,000</b>
<i>HITE DISINFECTION</i>				
5101 Regular Wages	87,671	168,700	169,900	178,400
5105 Overtime Wages	678	6,249	-	-
5109 Benefits	76,786	82,500	86,100	88,300
Total PERSONNEL	165,134	257,449	256,000	266,700
5213 Materials & Supplies	214,575	65,000	175,000	175,000
Total MATERIALS & FUELS	214,575	65,000	175,000	175,000
5556 Os - Maintenance	17,534	15,000	40,000	40,000
Total OUTSIDE SERVICES	17,534	15,000	40,000	40,000
<b>Total HITE DISINFECTION</b>	<b>397,243</b>	<b>337,449</b>	<b>471,000</b>	<b>481,700</b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY ACTIVITY

**MAINTENANCE DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<i>HITE GREASE PROCESSING</i>				
5101 Regular Wages	18,952	115,600	119,800	126,500
5105 Overtime Wages	-	2,998	-	-
5109 Benefits	52,546	56,400	61,400	63,400
<b>Total PERSONNEL</b>	<b>71,498</b>	<b>174,998</b>	<b>181,200</b>	<b>189,900</b>
5213 Materials & Supplies	19,562	45,000	175,000	175,000
<b>Total MATERIALS &amp; FUELS</b>	<b>19,562</b>	<b>45,000</b>	<b>175,000</b>	<b>175,000</b>
5556 Os - Maintenance	-	10,000	40,000	40,000
<b>Total OUTSIDE SERVICES</b>	<b>-</b>	<b>10,000</b>	<b>40,000</b>	<b>40,000</b>
<b>Total HITE GREASE PROCESSING</b>	<b>91,060</b>	<b>229,998</b>	<b>396,200</b>	<b>404,900</b>
<i>HITE SUPPORT</i>				
5101 Regular Wages	2,919,736	2,266,000	1,978,200	2,079,000
5103 Temporary Wages	15,057	22,500	23,000	-
5105 Overtime Wages	222,851	20,147	225,000	190,000
5104 On-Call Wages	147,230	125,000	190,000	150,000
5109 Benefits	1,079,871	1,110,500	1,005,300	1,028,500
<b>Total PERSONNEL</b>	<b>4,384,745</b>	<b>3,544,147</b>	<b>3,421,500</b>	<b>3,447,500</b>
5213 Materials & Supplies	364,323	267,800	775,000	775,000
<b>Total MATERIALS &amp; FUELS</b>	<b>364,323</b>	<b>267,800</b>	<b>775,000</b>	<b>775,000</b>
5549 Os - Other	20,085	-	10,000	15,000
5556 Os - Maintenance	117,482	15,000	475,000	510,000
<b>Total OUTSIDE SERVICES</b>	<b>137,568</b>	<b>15,000</b>	<b>485,000</b>	<b>525,000</b>
5610 Memberships	5,509	7,000	-	-
5685 Meetings & Conferences	29,554	20,000	20,000	21,500
5686 Training & Development	125,523	95,000	95,750	103,500
5687 Subscriptions/Publications	-	450	-	-
<b>Total SUPPORT EXPENSES</b>	<b>160,586</b>	<b>122,450</b>	<b>115,750</b>	<b>125,000</b>
<b>Total HITE SUPPORT</b>	<b>5,047,223</b>	<b>3,949,397</b>	<b>4,797,250</b>	<b>4,872,500</b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY ACTIVITY

**MAINTENANCE DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<i>HITE DISSOLVED AIR FLOTATION</i>				
5101 Regular Wages	69,967	115,500	101,400	108,300
5105 Overtime Wages	-	1,132	-	-
5109 Benefits	52,688	56,400	51,600	52,200
<b>Total PERSONNEL</b>	<b>122,655</b>	<b>173,032</b>	<b>153,000</b>	<b>160,500</b>
5213 Materials & Supplies	138,417	53,000	175,000	175,000
<b>Total MATERIALS &amp; FUELS</b>	<b>138,417</b>	<b>53,000</b>	<b>175,000</b>	<b>175,000</b>
5556 Os - Maintenance	-	5,000	40,000	40,000
<b>Total OUTSIDE SERVICES</b>	<b>-</b>	<b>5,000</b>	<b>40,000</b>	<b>40,000</b>
<b>Total HITE DISSOLVED AIR FLOTATION</b>	<b>261,072</b>	<b>231,032</b>	<b>368,000</b>	<b>375,500</b>

<i>HITE ANAEROBIC DIGESTION</i>				
5101 Regular Wages	268,513	461,400	410,700	431,400
5105 Overtime Wages	4,641	28,479	-	-
5109 Benefits	209,367	226,500	208,300	213,600
<b>Total PERSONNEL</b>	<b>482,521</b>	<b>716,379</b>	<b>619,000</b>	<b>645,000</b>
5213 Materials & Supplies	517,508	415,000	175,000	175,000
<b>Total MATERIALS &amp; FUELS</b>	<b>517,508</b>	<b>415,000</b>	<b>175,000</b>	<b>175,000</b>
5365 Scaling Inhibitor	18,258	25,000	-	-
<b>Total SCALING INHIBITOR</b>	<b>18,258</b>	<b>25,000</b>	<b>-</b>	<b>-</b>
5556 Os - Maintenance	535,215	500,000	945,000	890,000
<b>Total OUTSIDE SERVICES</b>	<b>535,215</b>	<b>500,000</b>	<b>945,000</b>	<b>890,000</b>
<b>Total HITE ANAEROBIC DIGESTION</b>	<b>1,553,501</b>	<b>1,656,379</b>	<b>1,739,000</b>	<b>1,710,000</b>

<i>HITE COGENERATION</i>				
5101 Regular Wages	17,705	54,000	47,200	51,200
5105 Overtime Wages	273	2,354	-	-
5109 Benefits	24,719	26,600	23,800	24,100
<b>Total PERSONNEL</b>	<b>42,697</b>	<b>82,954</b>	<b>71,000</b>	<b>75,300</b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY ACTIVITY

**MAINTENANCE DEPARTMENT**

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
5213 Materials & Supplies	16,244	37,000	175,000	175,000
<b>Total MATERIALS &amp; FUELS</b>	<b>16,244</b>	<b>37,000</b>	<b>175,000</b>	<b>175,000</b>
5556 Os - Maintenance	29,244	10,000	40,000	40,000
<b>Total OUTSIDE SERVICES</b>	<b>29,244</b>	<b>10,000</b>	<b>40,000</b>	<b>40,000</b>
<b>Total HITE COGENERATION</b>	<b>88,185</b>	<b>129,954</b>	<b>286,000</b>	<b>290,300</b>
<i>HITE CENTRIFUGATION</i>				
5101 Regular Wages	209,382	451,600	415,100	436,400
5104 On-Call Wages	352	-	-	-
5105 Overtime Wages	4,667	20,093	-	-
5109 Benefits	205,352	220,900	210,300	216,700
<b>Total PERSONNEL</b>	<b>419,753</b>	<b>692,593</b>	<b>625,400</b>	<b>653,100</b>
5213 Materials & Supplies	380,819	362,000	175,000	175,000
<b>Total MATERIALS &amp; FUELS</b>	<b>380,819</b>	<b>362,000</b>	<b>175,000</b>	<b>175,000</b>
5556 Os - Maintenance	23,122	55,000	40,000	40,000
<b>Total OUTSIDE SERVICES</b>	<b>23,122</b>	<b>55,000</b>	<b>40,000</b>	<b>40,000</b>
<b>Total HITE CENTRIFUGATION</b>	<b>823,693</b>	<b>1,109,593</b>	<b>840,400</b>	<b>868,100</b>
<i>HITE COMPOSTING</i>				
5101 Regular Wages	1,725	16,100	14,200	14,800
5105 Overtime Wages	-	465	-	-
5109 Benefits	7,315	7,500	7,200	7,200
<b>Total PERSONNEL</b>	<b>9,040</b>	<b>24,065</b>	<b>21,400</b>	<b>22,000</b>
5213 Materials & Supplies	3,773	10,200	115,000	115,000
<b>Total MATERIALS &amp; FUELS</b>	<b>3,773</b>	<b>10,200</b>	<b>115,000</b>	<b>115,000</b>
5556 Os - Maintenance	3,500	5,000	20,000	20,000
<b>Total OUTSIDE SERVICES</b>	<b>3,500</b>	<b>5,000</b>	<b>20,000</b>	<b>20,000</b>
<b>Total HITE COMPOSTING</b>	<b>16,313</b>	<b>39,265</b>	<b>156,400</b>	<b>157,000</b>
<b>Total MAINTENANCE</b>	<b>14,960,132</b>	<b>14,827,900</b>	<b>15,820,300</b>	<b>16,165,100</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>MAINTENANCE</b>						
0001 - Administrative Analyst	0.00	0.00	1.00	0.00	1.00	1.00
0001 - Administrative Assistant	0.00	1.00	0.00	1.00	0.00	0.00
0001 - Administrative Assistant Senior	0.00	0.00	1.00	0.00	1.00	1.00
0001 - Capital Project Coordinator	1.00	1.00	0.00	1.00	1.00	1.00
0001 - Director Of Maintenance	1.00	1.00	1.00	1.00	1.00	1.00
0001 - EAM Administrator	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Maintenance Scheduler	1.00	1.00	1.00	1.00	1.00	1.00
0609 - Facilities Maintenance Lead	1.00	2.00	3.00	2.00	4.00	4.00
0609 - Facilities Maintenance Manager	1.00	1.00	1.00	1.00	1.00	1.00
0609 - Facilities Maintenance Supervisor	2.00	2.00	3.00	2.00	4.00	4.00
0609 - FM Equipment Operator Senior	3.00	3.00	3.00	3.00	3.00	3.00
0609 - Maintenance Planner	0.00	0.00	1.00	0.00	1.00	1.00
0609 - Maintenance Worker FM	3.00	4.00	5.00	4.00	5.00	5.00
0609 - Maintenance Worker II	3.00	3.00	2.00	3.00	3.00	3.00
0609 - Painter	1.00	1.00	0.00	1.00	0.00	0.00
0609 - Painter Trainee	1.00	0.00	0.00	0.00	0.00	0.00
0609 - Senior Maint Worker-Maint	2.00	6.00	9.00	6.00	10.00	10.00
0609 - Utility Repairman	2.00	0.00	1.00	0.00	2.00	2.00
0709 - EIT Journeyman Trainee	1.00	1.00	4.00	1.00	4.00	4.00
0709 - Electrical and Instrumentation Supervisor	2.00	2.00	2.00	2.00	2.00	2.00
0709 - Electrical Maintenance Manager	0.00	1.00	1.00	1.00	1.00	1.00
0709 - Electrician Instrument Tech	8.00	8.00	7.00	8.00	7.00	7.00
0709 - Electrician Instrument Tech Associate	2.00	1.00	0.00	1.00	0.00	0.00
0709 - Electrician Instrument Tech Senior	5.00	5.00	2.00	5.00	4.00	4.00
0709 - Maintenance Planner	0.00	0.00	1.00	0.00	1.00	1.00
0809 - Facilities Maintenance Lead	2.00	2.00	0.00	2.00	0.00	0.00
0809 - Facilities Maintenance Supervisor	2.00	2.00	0.00	2.00	0.00	0.00
0809 - Maintenance Contract Specialist	1.00	1.00	0.00	1.00	0.00	0.00
0809 - Maintenance Planner	3.00	3.00	1.00	3.00	1.00	1.00
0809 - Maintenance Worker Fm	4.00	0.00	0.00	0.00	0.00	0.00
0809 - Maintenance Worker II	4.00	0.00	0.00	0.00	0.00	0.00
0809 - Mechanical Industrial Tech Associate	2.00	1.00	0.00	1.00	0.00	0.00
0809 - Mechanical Industrial Tech Senior	2.00	4.00	5.00	4.00	6.00	6.00
0809 - Mechanical Industrial Technician	14.00	11.00	8.00	11.00	8.00	8.00
0809 - Mechanical Maintenance Manager	0.00	1.00	1.00	1.00	1.00	1.00
0809 - Mechanical Maintenance Supv	2.00	2.00	2.00	2.00	2.00	2.00
0809 - MIT Journeyman Trainee	1.00	5.00	5.00	5.00	5.00	5.00
0809 - Process Maintenance Superintendent	1.00	0.00	0.00	0.00	0.00	0.00
0809 - Senior Maint Worker-Maint	4.00	6.00	0.00	6.00	0.00	0.00
0809 - Senior Process Maintenance Manager	1.00	0.00	0.00	0.00	0.00	0.00
0809 - Technical Training Specialist	1.00	0.00	0.00	0.00	0.00	0.00
0809 - Utility Repairman Senior	1.00	0.00	0.00	0.00	0.00	0.00
<b>Total Maintenance</b>	<b>86.00</b>	<b>83.00</b>	<b>72.00</b>	<b>83.00</b>	<b>81.00</b>	<b>81.00</b>

# RWHTF Operations Department

## *Description of RWHTF Operations*

The RWHTF Operations Department is responsible for operating the liquid treatment, solids processing, and cogeneration facilities at the plant while maintaining compliance with all federal and state regulations. The RWHTF Operations Department strives to operate the facility in a cost-effective and efficient manner.

The RWHTF Operations Department 2023 Revised Budget increased by 8% compared to the 2023 Budget. The 2024 Budget is increasing by 13.4% compared to the 2023 Budget. These changes are due to an increase in personnel, chemicals, and utilities, and a decrease in Outside Services.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 5,517,600	\$ 5,899,600	\$ 382,000	\$ 6,471,100	\$ 953,500
Materials & Fuels	156,000	156,000	-	163,800	7,800
Chemicals	7,670,000	8,416,000	746,000	9,046,000	1,376,000
Utilities	6,290,000	6,960,000	670,000	7,142,000	852,000
Outside Services	3,015,000	3,030,000	15,000	2,857,000	(158,000)
Support Expenses	111,500	111,500	-	121,000	9,500
<b>Total RWHTF Operations</b>	<b>\$ 22,760,100</b>	<b>\$ 24,573,100</b>	<b>\$ 1,813,000</b>	<b>\$ 25,800,900</b>	<b>\$ 3,040,800</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total RWHTF Operations Staff	42.00	42.00	-	45.00	3.00

## *2022 Highlights*

- 120 million gallons/day reclaimed water
  - 84 tons per day dewatered biosolids
  - 12.8 million BTU\*/hour heat recovered
  - 4.5 megawatts/hour energy recovered
  - 24/7/365 staffed operations
- \*British thermal units

DEPARTMENT SUMMARY

**OPERATIONS DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
MANAGEMENT	647,898	536,000	675,800	707,700
HITE OPERATIONS	22,160,703	20,664,000	22,333,600	23,435,500
SECURITY	1,311,343	1,560,100	1,563,700	1,657,700
<b>Total OPERATIONS</b>	<b><u>24,119,944</u></b>	<b><u>22,760,100</u></b>	<b><u>24,573,100</u></b>	<b><u>25,800,900</u></b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY OBJECT

**OPERATIONS DEPARTMENT**

		<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>					
5101	REGULAR WAGES	2,897,987	3,371,600	3,583,400	3,955,600
5105	OVERTIME WAGES	625,948	421,000	421,000	475,000
5104	ON-CALL WAGES	520	3,000	3,000	3,500
5108	EMPLOYEE INCENTIVE PAY	72,000	65,000	70,000	75,000
5109	BENEFITS	1,513,086	1,652,200	1,817,400	1,957,200
5110	CAR ALLOWANCE	4,800	4,800	4,800	4,800
	<b>Total PERSONNEL</b>	<b>5,114,341</b>	<b>5,517,600</b>	<b>5,899,600</b>	<b>6,471,100</b>
<b>MATERIALS &amp; FUELS</b>					
5213	MATERIALS & SUPPLIES	97,902	156,000	156,000	163,800
	<b>Total MATERIALS &amp; FUELS</b>	<b>97,902</b>	<b>156,000</b>	<b>156,000</b>	<b>163,800</b>
<b>CHEMICALS</b>					
5320	FERRIC CHLORIDE	263,599	300,000	350,000	400,000
5330	POLYMER - DAF	618,599	530,000	600,000	600,000
5335	POLYMER - CENTRIFUGE	2,538,288	3,000,000	3,000,000	3,390,000
5339	PERACETIC ACID	4,698,516	2,900,000	3,500,000	3,541,000
5341	SODIUM BISULFITE	114,245	150,000	150,000	160,000
5342	SODIUM HYPOCHLORITE	131,966	50,000	50,000	150,000
5347	MAGNESIUM CHLORIDE	940,237	700,000	700,000	735,000
5355	MINERAL OIL	10,269	10,000	16,000	16,000
5361	DEFOAMENT	46,386	30,000	50,000	54,000
	<b>Total CHEMICALS</b>	<b>9,362,105</b>	<b>7,670,000</b>	<b>8,416,000</b>	<b>9,046,000</b>
<b>UTILITIES</b>					
5410	NATURAL GAS/PROPANE	680,680	450,000	670,000	752,000
5411	NATURAL GAS - COGEN	69,727	140,000	140,000	150,000
5415	POTABLE WATER	399,311	500,000	500,000	525,000
5420	ELECTRICAL POWER	5,915,169	5,200,000	5,650,000	5,715,000
	<b>Total UTILITIES</b>	<b>7,064,887</b>	<b>6,290,000</b>	<b>6,960,000</b>	<b>7,142,000</b>
<b>OUTSIDE SERVICES</b>					
5549	OS - OTHER	1,013,639	1,205,000	1,205,000	1,267,000
5550	OS - ENGIE	1,355,947	1,750,000	1,750,000	1,500,000
5556	OS - MAINTENANCE	53,134	60,000	75,000	90,000
	<b>Total OUTSIDE SERVICES</b>	<b>2,422,720</b>	<b>3,015,000</b>	<b>3,030,000</b>	<b>2,857,000</b>
<b>SUPPORT SERVICES</b>					
5610	MEMBERSHIPS	1,260	3,500	3,500	3,500
5685	MEETINGS & CONFERENCES	43,545	38,000	38,000	41,000
5686	TRAINING & DEVELOPMENT	13,014	69,000	70,000	76,500
5687	SUBSCRIPTIONS/PUBLICATIONS	170	1,000	-	-
	<b>Total SUPPORT EXPENSES</b>	<b>57,989</b>	<b>111,500</b>	<b>111,500</b>	<b>121,000</b>
	<b>Total OPERATIONS</b>	<b>24,119,944</b>	<b>22,760,100</b>	<b>24,573,100</b>	<b>25,800,900</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**OPERATIONS DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<i>MANAGEMENT</i>				
5101 Regular Wages	327,469	270,600	354,900	372,200
5105 Overtime Wages	138	-	-	-
5108 Employee Incentive Pay	72,000	65,000	70,000	75,000
5109 Benefits	127,705	133,100	180,100	184,400
5110 Car Allowance	4,800	4,800	4,800	4,800
<b>Total PERSONNEL</b>	<b>532,111</b>	<b>473,500</b>	<b>609,800</b>	<b>636,400</b>
5213 Materials & Supplies	11,479	16,000	16,000	16,800
<b>Total MATERIALS &amp; FUELS</b>	<b>11,479</b>	<b>16,000</b>	<b>16,000</b>	<b>16,800</b>
5549 Os - Other	101,391	25,000	25,000	27,000
<b>Total OUTSIDE SERVICES</b>	<b>101,391</b>	<b>25,000</b>	<b>25,000</b>	<b>27,000</b>
5610 Memberships	455	500	3,500	3,500
5685 Meetings & Conferences	2,103	15,000	15,000	16,000
5686 Training & Development	360	5,500	6,500	8,000
5687 Subscriptions/Publications	-	500	-	-
<b>Total SUPPORT EXPENSES</b>	<b>2,918</b>	<b>21,500</b>	<b>25,000</b>	<b>27,500</b>
<b>Total MANAGEMENT</b>	<b>647,898</b>	<b>536,000</b>	<b>675,800</b>	<b>707,700</b>
<i>HITE TREATMENT - SUPPORT</i>				
5101 Regular Wages	1,019,596	1,055,200	1,296,300	1,379,100
5105 Overtime Wages	175,095	415,000	415,000	465,000
5109 Benefits	445,994	516,500	658,000	682,700
<b>Total PERSONNEL</b>	<b>1,640,684</b>	<b>1,986,700</b>	<b>2,369,300</b>	<b>2,526,800</b>
5213 Materials & Supplies	57,396	80,000	80,000	84,000
<b>Total MATERIALS &amp; FUELS</b>	<b>57,396</b>	<b>80,000</b>	<b>80,000</b>	<b>84,000</b>
5410 Natural Gas/Propane	680,680	250,000	384,894	429,702
5411 Natural Gas - Cogen	69,727	-	-	-
5415 Potable Water	399,311	500,000	500,000	525,000
5420 Electrical Power	347,880	1,270,000	1,450,000	1,365,000
<b>Total UTILITIES</b>	<b>1,497,598</b>	<b>2,020,000</b>	<b>2,334,894</b>	<b>2,319,702</b>
5549 Os - Other	3,806	-	-	-
5556 Os - Maintenance	420	-	-	-
<b>Total OUTSIDE SERVICES</b>	<b>4,226</b>	<b>-</b>	<b>-</b>	<b>-</b>
5610 Memberships	580	2,500	-	-
5685 Meetings & Conferences	40,526	20,000	20,000	21,000
5686 Training & Development	12,654	60,000	60,000	64,000
5687 Subscriptions/Publications	170	500	-	-
<b>Total SUPPORT EXPENSES</b>	<b>53,930</b>	<b>83,000</b>	<b>80,000</b>	<b>85,000</b>
<b>Total HITE TREATMENT SUPPORT</b>	<b>3,253,834</b>	<b>4,169,700</b>	<b>4,864,194</b>	<b>5,015,502</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

OPERATIONS DEPARTMENT

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
<i>HITE TREATMENT - PRIMARY NORTH</i>				
5101 Regular Wages	110,254	135,700	138,200	162,700
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	62,115	66,200	70,200	80,000
Total PERSONNEL	209,454	201,900	208,400	242,700
5213 Materials & Supplies	-	2,000	2,000	2,100
Total MATERIALS & FUELS	-	2,000	2,000	2,100
5420 Electrical Power	69,083	250,000	250,000	262,500
Total UTILITIES	69,083	250,000	250,000	262,500
<b>Total HITE TREATMENT - PRIMARY NORTH</b>	<b>278,537</b>	<b>453,900</b>	<b>460,400</b>	<b>507,300</b>
<i>HITE TREATMENT - PRIMARY SOUTH</i>				
5101 Regular Wages	110,254	135,700	138,200	162,700
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	62,115	66,200	70,200	80,000
Total PERSONNEL	209,454	201,900	208,400	242,700
5213 Materials & Supplies	3,008	2,000	2,000	2,100
Total MATERIALS & FUELS	3,008	2,000	2,000	2,100
5420 Electrical Power	69,083	70,000	100,000	105,000
Total UTILITIES	69,083	70,000	100,000	105,000
<b>Total HITE TREATMENT - PRIMARY SOUTH</b>	<b>281,545</b>	<b>273,900</b>	<b>310,400</b>	<b>349,800</b>
<i>HITE TREATMENT - SECONDARY NORTH</i>				
5101 Regular Wages	110,254	179,000	183,500	210,400
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	81,861	87,600	92,900	103,600
Total PERSONNEL	229,200	266,600	276,400	314,000
5213 Materials & Supplies	-	8,000	8,000	8,400
Total MATERIALS & FUELS	-	8,000	8,000	8,400
5420 Electrical Power	2,245,207	1,400,000	1,500,000	1,515,000
Total UTILITIES	2,245,207	1,400,000	1,500,000	1,515,000
<b>Total HITE TREATMENT - SECONDARY NORTH</b>	<b>2,474,406</b>	<b>1,674,600</b>	<b>1,784,400</b>	<b>1,837,400</b>
<i>HITE TREATMENT - SECONDARY SOUTH</i>				
5101 Regular Wages	110,254	179,000	183,500	210,400
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	81,861	87,600	92,900	103,600
Total PERSONNEL	229,200	266,600	276,400	314,000

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**OPERATIONS DEPARTMENT**

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
5213 Materials & Supplies	-	10,000	10,000	10,500
Total MATERIALS & FUELS	-	10,000	10,000	10,500
5420 Electrical Power	1,819,193	1,100,000	1,200,000	1,260,000
Total UTILITIES	1,819,193	1,100,000	1,200,000	1,260,000
<b>Total HITE TREATMENT - SECONDARY SOUTH</b>	<b>2,048,393</b>	<b>1,376,600</b>	<b>1,486,400</b>	<b>1,584,500</b>
<i>HITE TREATMENT - CHLORINATION/DECHLORINATION</i>				
5101 Regular Wages	110,254	61,900	65,300	76,600
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	28,552	30,500	33,200	37,900
Total PERSONNEL	175,890	92,400	98,500	114,500
5213 Materials & Supplies	-	4,000	4,000	4,200
Total MATERIALS & FUELS	-	4,000	4,000	4,200
5339 Peracetic Acid	4,698,516	2,900,000	3,500,000	3,541,000
5341 Sodium Bisulfite	114,245	150,000	150,000	160,000
5342 Sodium Hypochlorite	131,966	50,000	50,000	150,000
Total CHEMICALS	4,944,727	3,100,000	3,700,000	3,851,000
5420 Electrical Power	253,305	70,000	100,000	105,000
Total UTILITIES	253,305	70,000	100,000	105,000
<b>Total HITE TREATMENT - CHLORINATION/DECHLORINATION</b>	<b>5,373,923</b>	<b>3,266,400</b>	<b>3,902,500</b>	<b>4,074,700</b>
<i>HITE TREATMENT - GREASE PROCESSING</i>				
5101 Regular Wages	110,254	61,900	65,300	76,600
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	28,552	30,500	33,200	37,900
Total PERSONNEL	175,890	92,400	98,500	114,500
5213 Materials & Supplies	-	500	500	525
Total MATERIALS & FUELS	-	500	500	525
5410 Natural Gas/Propane	-	100,000	142,553	161,149
Total UTILITIES	-	100,000	142,553	161,149
<b>Total HITE TREATMENT - GREASE PROCESSING</b>	<b>175,890</b>	<b>192,900</b>	<b>241,553</b>	<b>276,174</b>
<i>HITE TREATMENT - DISSOLVED AIR FLOTATION</i>				
5101 Regular Wages	110,254	187,900	181,300	207,600
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	85,543	91,700	91,800	102,800
Total PERSONNEL	232,881	279,600	273,100	310,400

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**OPERATIONS DEPARTMENT**

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
5213 Materials & Supplies	-	500	500	525
Total MATERIALS & FUELS	-	500	500	525
5330 Polymer - Daf	618,599	530,000	600,000	600,000
Total CHEMICALS	618,599	530,000	600,000	600,000
5420 Electrical Power	391,472	140,000	150,000	157,500
Total UTILITIES	391,472	140,000	150,000	157,500
<b>Total HITE TREATMENT - DISSOLVED AIR FLOTATION</b>	<b>1,242,952</b>	<b>950,100</b>	<b>1,023,600</b>	<b>1,068,425</b>

*HITE TREATMENT - ANAEROBIC DIGESTION*

5101 Regular Wages	110,254	119,400	116,300	130,800
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	54,800	58,700	58,800	64,600
Total PERSONNEL	202,138	178,100	175,100	195,400
5213 Materials & Supplies	-	1,000	1,000	1,050
Total MATERIALS & FUELS	-	1,000	1,000	1,050
5320 Ferric Chloride	-	150,000	175,000	200,000
5347 Magnesium Chloride	940,237	700,000	700,000	735,000
Total CHEMICALS	940,237	850,000	875,000	935,000
5410 Natural Gas/Propane	-	100,000	142,553	161,149
5420 Electrical Power	172,708	100,000	100,000	105,000
Total UTILITIES	172,708	200,000	242,553	266,149
<b>Total HITE TREATMENT - ANAEROBIC DIGESTION</b>	<b>1,315,083</b>	<b>1,229,100</b>	<b>1,293,653</b>	<b>1,397,599</b>

*HITE TREATMENT - COGENERATION*

5101 Regular Wages	110,254	8,700	9,100	9,500
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	4,264	4,300	4,800	4,800
Total PERSONNEL	151,602	13,000	13,900	14,300
5411 Natural Gas - Cogen	-	140,000	140,000	150,000
5420 Electrical Power	6,084	500,000	500,000	525,000
Total UTILITIES	6,084	640,000	640,000	675,000
5550 Os - Engie	1,355,947	1,750,000	1,750,000	1,500,000
Total OUTSIDE SERVICES	1,355,947	1,750,000	1,750,000	1,500,000
<b>Total HITE TREATMENT - COGENERATION</b>	<b>1,513,633</b>	<b>2,403,000</b>	<b>2,403,900</b>	<b>2,189,300</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

OPERATIONS DEPARTMENT

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
<i>TREATMENT - CENTRIFUGATION</i>				
5101 Regular Wages	110,254	256,500	247,300	285,600
5105 Overtime Wages	37,085	-	-	-
5109 Benefits	117,002	125,700	125,100	141,900
<b>Total PERSONNEL</b>	<b>264,341</b>	<b>382,200</b>	<b>372,400</b>	<b>427,500</b>
5213 Materials & Supplies	7,520	5,000	5,000	5,250
<b>Total MATERIALS &amp; FUELS</b>	<b>7,520</b>	<b>5,000</b>	<b>5,000</b>	<b>5,250</b>
5320 Ferric Chloride	263,599	150,000	175,000	200,000
5335 Polymer - Centrifuge	2,538,288	3,000,000	3,000,000	3,390,000
5355 Mineral Oil	10,269	10,000	16,000	16,000
5361 Defoamant	46,386	30,000	50,000	54,000
<b>Total CHEMICALS</b>	<b>2,858,542</b>	<b>3,190,000</b>	<b>3,241,000</b>	<b>3,660,000</b>
5420 Electrical Power	541,152	300,000	300,000	315,000
<b>Total UTILITIES</b>	<b>541,152</b>	<b>300,000</b>	<b>300,000</b>	<b>315,000</b>
<b>Total TREATMENT - CENTRIFUGATION</b>	<b>3,671,555</b>	<b>3,877,200</b>	<b>3,918,400</b>	<b>4,407,750</b>
<i>HITE TREATMENT - PROCESS CONTROL OPS</i>				
5101 Regular Wages	207,022	383,300	367,600	423,100
5105 Overtime Wages	69,629	-	-	-
5109 Benefits	175,160	188,000	186,600	209,900
<b>Total PERSONNEL</b>	<b>451,811</b>	<b>571,300</b>	<b>554,200</b>	<b>633,000</b>
5213 Materials & Supplies	11,871	5,000	5,000	5,250
<b>Total MATERIALS &amp; FUELS</b>	<b>11,871</b>	<b>5,000</b>	<b>5,000</b>	<b>5,250</b>
<b>Total HITE TREATMENT - PROCESS CONTROL OPS</b>	<b>463,682</b>	<b>576,300</b>	<b>559,200</b>	<b>638,250</b>
<i>HITE TREATMENT - SPRT TO PROCESS CONTROL</i>				
5101 Regular Wages	-	147,800	56,600	59,200
5109 Benefits	67,270	72,500	28,400	29,600
<b>Total PERSONNEL</b>	<b>67,270</b>	<b>220,300</b>	<b>85,000</b>	<b>88,800</b>
<b>Total HITE TREATMENT - SPRT TO PROCESS CONTROL</b>	<b>67,270</b>	<b>220,300</b>	<b>85,000</b>	<b>88,800</b>
<i>SECURITY</i>				
5101 Regular Wages	241,363	189,000	180,000	189,100
5104 On-Call Wages	520	3,000	2,500	2,800
5105 Overtime Wages	10,242	3,000	3,000	5,000
5109 Benefits	90,292	93,100	91,200	93,500
<b>Total PERSONNEL</b>	<b>342,416</b>	<b>288,100</b>	<b>276,700</b>	<b>290,400</b>
5213 Materials & Supplies	6,629	17,000	17,000	17,850
<b>Total MATERIALS &amp; FUELS</b>	<b>6,629</b>	<b>17,000</b>	<b>17,000</b>	<b>17,850</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**OPERATIONS DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5549 Os - Other	887,564	950,000	950,000	1,000,000
5556 Os - Maintenance	41,748	45,000	60,000	75,000
<b>Total OUTSIDE SERVICES</b>	<b>929,311</b>	<b>995,000</b>	<b>1,010,000</b>	<b>1,075,000</b>
5610 Memberships	225	500	-	-
5685 Meetings & Conferences	916	3,000	3,000	4,000
5686 Training & Development	-	3,000	3,000	3,500
<b>Total SUPPORT EXPENSES</b>	<b>1,141</b>	<b>6,500</b>	<b>6,000</b>	<b>7,500</b>
<b>Total SECURITY</b>	<b>1,279,497</b>	<b>1,306,600</b>	<b>1,309,700</b>	<b>1,390,750</b>
<i>NTP SECURITY</i>				
5104 On-Call Wages	-	-	500	700
5105 Overtime Wages	-	3,000	3,000	5,000
<b>Total PERSONNEL</b>	<b>-</b>	<b>3,000</b>	<b>3,500</b>	<b>5,700</b>
5213 Materials & Supplies	-	5,000	5,000	5,250
<b>Total MATERIALS &amp; FUELS</b>	<b>-</b>	<b>5,000</b>	<b>5,000</b>	<b>5,250</b>
5549 Os - Other	20,879	230,000	230,000	240,000
5556 Os - Maintenance	10,966	15,000	15,000	15,000
<b>Total OUTSIDE SERVICES</b>	<b>31,845</b>	<b>245,000</b>	<b>245,000</b>	<b>255,000</b>
<b>Total NTP SECURITY</b>	<b>31,845</b>	<b>253,500</b>	<b>254,000</b>	<b>266,950</b>
<b>Total OPERATIONS</b>	<b>24,119,944</b>	<b>22,760,100</b>	<b>24,573,100</b>	<b>25,800,900</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>OPERATIONS</b>						
0001 - Administrative Assistant Senior	0.00	1.00	0.00	1.00	0.00	0.00
0001 - Coordinated Operations Administrative Manager	1.00	1.00	0.00	1.00	0.00	0.00
0001 - Coordinated Ooperations Business Analyst	0.00	0.00	1.00	0.00	1.00	1.00
0001 - Director of Operations	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Chief Operating Officer	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Senior Coordinated Operations Administrative Mgr	0.00	0.00	1.00	0.00	1.00	1.00
1009 - Administrative Analyst	0.00	1.00	1.00	1.00	1.00	1.00
1009 - Administrative Assistant Senior	1.00	0.00	0.00	0.00	0.00	0.00
1009 - Operations Manager - RWHTF	0.00	0.00	1.00	0.00	1.00	1.00
1009 - Operations Supervisor	4.00	4.00	3.00	5.00	5.00	5.00
1009 - Operations Work Planner	0.00	0.00	1.00	0.00	1.00	1.00
1009 - Operations Work Planner Senior	2.00	2.00	2.00	2.00	2.00	2.00
1009 - Operator Technician	3.00	2.00	0.00	2.00	1.00	1.00
1009 - Plant Operator I	11.00	12.00	14.00	12.00	14.00	17.00
1009 - Plant Operator II	9.00	9.00	4.00	9.00	6.00	6.00
1009 - Plant Operator Lead	5.00	5.00	5.00	5.00	5.00	5.00
1009 - Senior RWHTF Operations Manager	1.00	1.00	1.00	1.00	1.00	1.00
5800 - Security Manager	1.00	1.00	2.00	1.00	1.00	1.00
5800 - Security Specialist Senior	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Operations Department</b>	<b>41.00</b>	<b>41.00</b>	<b>38.00</b>	<b>42.00</b>	<b>42.00</b>	<b>45.00</b>

# Northern Treatment Plant Department

## *Description of Operations*

The Northern Treatment Plant (NTP) Operations team is responsible for operating the liquid treatment, solids processing, and cogeneration facilities at the NTP in compliance with all federal and state regulations. The Operations team strives to operate these facilities in a cost-effective and efficient manner. The NTP Maintenance team is responsible for providing preventive and corrective maintenance at NTP to meet reliability requirements and operational demands for liquid treatment, solids processing, and energy cogeneration. This includes maintaining Metro District offices, public area and facilities, and maintaining facility support utilities such as water, electrical, and natural gas systems.

The NTP 2023 Revised Budget increased by 0.2% compared to the 2023 Budget. The 2024 Budget is increasing by 5.3% compared to the 2023 Budget. These changes are due to an decrease in personnel and an increase in materials and fuels, chemicals, utilities, and outside services.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 3,583,400	\$ 3,428,800	\$ (154,600)	\$ 3,581,900	\$ (1,500)
Materials & Fuels	745,000	760,000	15,000	810,000	65,000
Chemicals	389,500	408,000	18,500	440,000	50,500
Utilities	1,535,000	1,588,000	53,000	1,697,000	162,000
Outside Services	916,000	996,000	80,000	1,005,550	89,550
Support Expenses	54,000	54,000	-	71,000	17,000
<b>Total Northern Treatment Plant</b>	<b>\$ 7,222,900</b>	<b>\$ 7,234,800</b>	<b>\$ 11,900</b>	<b>\$ 7,605,450</b>	<b>\$ 382,550</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Northern Treatment Plant Staff	28	28	-	28	-

## *2022 Highlights*

### NTP Operations

- 5.5 million gallons/day reclaimed water
- 15 wet tons per day dewatered biosolids
- 833,000 BTU/hour heat recovered
- 103 kilowatts/hour energy recovered
- 24/7/365 staffed operations

### NTP Maintenance

- 30 Buildings on 90 acres
- 4,187 major pieces of processing equipment
- 4,600 pieces of active equipment
- 6,119 work orders completed

DEPARTMENT SUMMARY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
MANAGEMENT	364,991	564,100	336,100	364,400
NTP MAINTENANCE	2,818,213	3,098,899	3,180,300	3,298,950
NTP OPERATIONS	3,448,308	3,559,901	3,718,400	3,942,100
<b>Total NORTHERN TREATMENT PLANT</b>	<b>6,631,512</b>	<b>7,222,900</b>	<b>7,234,800</b>	<b>7,605,450</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**NORTHERN TREATMENT PLANT**

		<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>					
5101	REGULAR WAGES	1,521,260	2,306,000	2,156,400	2,266,600
5105	OVERTIME WAGES	145,938	89,000	105,000	113,500
5104	ON-CALL WAGES	21,616	5,000	22,000	25,000
5109	BENEFITS	871,553	1,130,600	1,092,600	1,120,000
5108	EMPLOYEE INCENTIVE PAY	32,750	30,000	30,000	32,000
5103	TEMPORARY WAGES	16,800	18,000	18,000	20,000
5110	CAR ALLOWANCE	4,800	4,800	4,800	4,800
<b>Total PERSONNEL</b>		<b>2,614,717</b>	<b>3,583,400</b>	<b>3,428,800</b>	<b>3,581,900</b>
<b>MATERIALS &amp; FUELS</b>					
5213	MATERIALS & SUPPLIES	909,097	745,000	760,000	810,000
<b>Total MATERIALS &amp; FUELS</b>		<b>909,097</b>	<b>745,000</b>	<b>760,000</b>	<b>810,000</b>
<b>CHEMICALS</b>					
5320	FERRIC CHLORIDE	104,585	80,000	85,000	91,000
5329	POLYMER - WAS	29,437	30,000	35,000	40,000
5332	POLYMER - DEWATERING	103,717	160,000	160,000	170,000
5338	ACETIC ACID	78,846	26,500	35,000	40,000
5351	CALCIUM HYDROXIDE	50,956	62,500	62,500	66,000
5358	ALUM	11,120	30,500	30,500	33,000
<b>Total CHEMICALS</b>		<b>378,661</b>	<b>389,500</b>	<b>408,000</b>	<b>440,000</b>
<b>UTILITIES</b>					
5410	NATURAL GAS/PROPANE	442,529	255,000	308,000	312,000
5415	POTABLE WATER	131,352	100,000	100,000	110,000
5420	ELECTRICAL POWER	1,148,822	1,180,000	1,180,000	1,275,000
<b>Total UTILITIES</b>		<b>1,722,703</b>	<b>1,535,000</b>	<b>1,588,000</b>	<b>1,697,000</b>
<b>OUTSIDE SERVICES</b>					
5540	OS - RENTAL	-	-	40,000	45,000
5549	OS - OTHER	75,844	25,000	65,000	75,000
5556	OS - MAINTENANCE	883,668	891,000	891,000	885,550
<b>Total OUTSIDE SERVICES</b>		<b>959,512</b>	<b>916,000</b>	<b>996,000</b>	<b>1,005,550</b>
<b>SUPPORT SERVICES</b>					
5610	MEMBERSHIPS	1,835	2,000	2,000	2,000
5685	MEETINGS & CONFERENCES	30,991	29,000	29,000	36,000
5686	TRAINING & DEVELOPMENT	13,686	22,000	23,000	33,000
5687	SUBSCRIPTIONS/PUBLICATIONS	310	1,000	-	-
<b>Total SUPPORT EXPENSES</b>		<b>46,822</b>	<b>54,000</b>	<b>54,000</b>	<b>71,000</b>
<b>Total NORTHERN TREATMENT PLANT</b>		<b>6,631,512</b>	<b>7,222,900</b>	<b>7,234,800</b>	<b>7,605,450</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<i>MANAGEMENT</i>				
5101 Regular Wages	144,074	316,600	158,400	166,300
5109 Benefits	69,008	155,200	80,400	82,300
5108 Employee Incentive Pay	32,750	30,000	30,000	32,000
5110 Car Allowance	4,800	4,800	4,800	4,800
<b>Total PERSONNEL</b>	<b>250,631</b>	<b>506,600</b>	<b>273,600</b>	<b>285,400</b>
5213 Materials & Supplies	73,322	15,000	15,000	20,000
<b>Total MATERIALS &amp; FUELS</b>	<b>73,322</b>	<b>15,000</b>	<b>15,000</b>	<b>20,000</b>
5549 Os - Other	17,737	25,000	30,000	35,000
<b>Total OUTSIDE SERVICES</b>	<b>17,737</b>	<b>25,000</b>	<b>30,000</b>	<b>35,000</b>
5610 Memberships	440	1,000	2,000	2,000
5685 Meetings & Conferences	21,598	8,000	8,000	10,000
5686 Training & Development	1,103	8,000	7,500	12,000
5687 Subscriptions/Publications	160	500	-	-
<b>Total SUPPORT EXPENSES</b>	<b>23,301</b>	<b>17,500</b>	<b>17,500</b>	<b>24,000</b>
<b>Total MANAGEMENT</b>	<b>364,991</b>	<b>564,100</b>	<b>336,100</b>	<b>364,400</b>

*NTP SUPPORT*

5101 Regular Wages	442,635	711,600	740,400	777,700
5103 Temporary Wages	-	-	18,000	20,000
5104 On-Call Wages	21,020	5,000	22,000	25,000
5105 Overtime Wages	44,194	89,000	105,000	113,500
5109 Benefits	280,832	348,100	375,100	385,800
<b>Total PERSONNEL</b>	<b>788,681</b>	<b>1,153,700</b>	<b>1,260,500</b>	<b>1,322,000</b>
5213 Materials & Supplies	146,486	7,778	745,000	790,000
<b>Total MATERIALS &amp; FUELS</b>	<b>146,486</b>	<b>7,778</b>	<b>745,000</b>	<b>790,000</b>
5410 Natural Gas/Propane	296,495	164,700	208,000	180,000
5415 Potable Water	131,352	100,000	100,000	110,000
5420 Electrical Power	274,603	250,000	250,000	265,000
<b>Total UTILITIES</b>	<b>702,450</b>	<b>514,700</b>	<b>558,000</b>	<b>555,000</b>
5549 Os - Other	58,107	-	-	-
5556 Os - Maintenance	494,412	480,000	-	-
<b>Total OUTSIDE SERVICES</b>	<b>552,519</b>	<b>480,000</b>	<b>40,000</b>	<b>45,000</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5610 Memberships	1,395	1,000	-	-
5685 Meetings & Conferences	9,393	21,000	21,000	26,000
5686 Training & Development	12,583	12,000	13,500	18,000
5687 Subscriptions/Publications	150	500	-	-
<b>Total SUPPORT EXPENSES</b>	<b>23,521</b>	<b>34,500</b>	<b>34,500</b>	<b>44,000</b>
<b>Total NTP SUPPORT</b>	<b>2,213,657</b>	<b>2,190,678</b>	<b>2,638,000</b>	<b>2,756,000</b>

*NTP PROCESS CONTROL OPS*

5101 Regular Wages	72,852	170,900	94,600	99,200
5105 Overtime Wages	11,801	-	-	-
5109 Benefits	77,836	84,000	48,100	49,400
<b>Total PERSONNEL</b>	<b>162,489</b>	<b>254,900</b>	<b>142,700</b>	<b>148,600</b>
5213 Materials & Supplies	16,249	3,333	-	-
<b>Total MATERIALS &amp; FUELS</b>	<b>16,249</b>	<b>3,333</b>	<b>-</b>	<b>-</b>
<b>Total NTP PROCESS CONTROL OPS</b>	<b>178,738</b>	<b>258,233</b>	<b>142,700</b>	<b>148,600</b>

*NTP SUPPORT TO PROCESS CONTROL*

5101 Regular Wages	-	98,500	113,100	118,500
5109 Benefits	44,799	48,400	57,500	58,700
<b>Total PERSONNEL</b>	<b>44,799</b>	<b>146,900</b>	<b>170,600</b>	<b>177,200</b>
<b>Total NTP SUPPORT TO PROCESS CONTROL</b>	<b>44,799</b>	<b>146,900</b>	<b>170,600</b>	<b>177,200</b>

*NTP HEADWORKS*

5101 Regular Wages	63,514	104,900	102,900	108,800
5105 Overtime Wages	6,507	-	-	-
5109 Benefits	45,229	51,100	52,500	53,600
<b>Total PERSONNEL</b>	<b>115,251</b>	<b>156,000</b>	<b>155,400</b>	<b>162,400</b>
5213 Materials & Supplies	31,097	34,314	-	-
<b>Total MATERIALS &amp; FUELS</b>	<b>31,097</b>	<b>34,314</b>	<b>-</b>	<b>-</b>
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	102,181	130,000	130,000	140,000
<b>Total UTILITIES</b>	<b>108,819</b>	<b>134,200</b>	<b>135,000</b>	<b>148,000</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5556 Os - Maintenance	1,105	8,000	8,000	8,400
Total OUTSIDE SERVICES	1,105	8,000	8,000	8,400
<b>Total NTP HEADWORKS</b>	<b>256,272</b>	<b>332,514</b>	<b>298,400</b>	<b>318,800</b>

*NTP PRIMARY TREATMENT*

5101 Regular Wages	49,690	96,900	85,700	89,500
5105 Overtime Wages	6,279	-	-	-
5109 Benefits	28,208	47,300	43,500	44,300
Total PERSONNEL	84,177	144,200	129,200	133,800
5213 Materials & Supplies	33,167	11,495	-	-
Total MATERIALS & FUELS	33,167	11,495	-	-
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	22,707	30,000	30,000	35,000
Total UTILITIES	29,345	34,200	35,000	43,000
5556 Os - Maintenance	-	1,000	1,000	1,050
Total OUTSIDE SERVICES	-	1,000	1,000	1,050
<b>Total NTP PRIMARY TREATMENT</b>	<b>146,689</b>	<b>190,895</b>	<b>165,200</b>	<b>177,850</b>

*NTP SECONDARY TREATMENT*

5101 Regular Wages	77,163	71,200	75,100	78,500
5105 Overtime Wages	6,279	-	-	-
5109 Benefits	29,356	35,200	37,700	38,400
Total PERSONNEL	112,798	106,400	112,800	116,900
5213 Materials & Supplies	26,331	99,221	-	-
Total MATERIALS & FUELS	26,331	99,221	-	-
5338 Acetic Acid	78,846	26,500	35,000	40,000
Total CHEMICALS	78,846	26,500	35,000	40,000
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	261,130	220,000	220,000	235,000
Total UTILITIES	267,768	224,200	225,000	243,000

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5556 Os - Maintenance	4,811	2,000	2,000	2,100
Total OUTSIDE SERVICES	4,811	2,000	2,000	2,100
<b>Total NTP SECONDARY TREATMENT</b>	<b>490,554</b>	<b>458,321</b>	<b>374,800</b>	<b>402,000</b>

*NTP TERTIARY TREATMENT*

5101 Regular Wages	53,021	105,400	102,700	108,400
5105 Overtime Wages	6,279	-	-	-
5109 Benefits	41,643	51,700	51,800	53,100
Total PERSONNEL	100,943	157,100	154,500	161,500
5213 Materials & Supplies	48,489	12,001	-	-
Total MATERIALS & FUELS	48,489	12,001	-	-
5358 Alum	11,120	30,500	30,500	33,000
Total CHEMICALS	11,120	30,500	30,500	33,000
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	158,949	200,000	200,000	210,000
Total UTILITIES	165,587	204,200	205,000	218,000
5556 Os - Maintenance	1,250	1,000	1,000	1,050
Total OUTSIDE SERVICES	1,250	1,000	1,000	1,050
<b>Total NTP TERTIARY TREATMENT</b>	<b>327,389</b>	<b>404,801</b>	<b>391,000</b>	<b>413,550</b>

*NTP DISINFECTION & EFFLUENT TRANSFER*

5101 Regular Wages	54,807	97,700	95,000	99,900
5105 Overtime Wages	6,279	-	-	-
5109 Benefits	38,583	48,100	48,200	49,500
Total PERSONNEL	99,670	145,800	143,200	149,400
5213 Materials & Supplies	49,463	33,300	-	-
Total MATERIALS & FUELS	49,463	33,300	-	-

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	102,181	120,000	120,000	130,000
<b>Total UTILITIES</b>	<b>108,819</b>	<b>124,200</b>	<b>125,000</b>	<b>138,000</b>
5556 Os - Maintenance	50,472	16,000	16,000	16,800
<b>Total OUTSIDE SERVICES</b>	<b>50,472</b>	<b>16,000</b>	<b>16,000</b>	<b>16,800</b>
<b>Total NTP DISINFECTION &amp; EFFLUENT TRANSFER</b>	<b>308,424</b>	<b>319,300</b>	<b>284,200</b>	<b>304,200</b>

*NTP GRAVITY THICKENING*

5101 Regular Wages	52,669	100,400	98,100	103,400
5105 Overtime Wages	6,279	-	-	-
5109 Benefits	39,731	49,300	49,400	50,700
<b>Total PERSONNEL</b>	<b>98,679</b>	<b>149,700</b>	<b>147,500</b>	<b>154,100</b>
5213 Materials & Supplies	24,732	35,328	-	-
<b>Total MATERIALS &amp; FUELS</b>	<b>24,732</b>	<b>35,328</b>	<b>-</b>	<b>-</b>
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	22,707	20,000	20,000	25,000
<b>Total UTILITIES</b>	<b>29,345</b>	<b>24,200</b>	<b>25,000</b>	<b>33,000</b>
5556 Os - Maintenance	-	1,000	1,000	1,050
<b>Total OUTSIDE SERVICES</b>	<b>-</b>	<b>1,000</b>	<b>1,000</b>	<b>1,050</b>
<b>Total NTP GRAVITY THICKENING</b>	<b>152,756</b>	<b>210,228</b>	<b>173,500</b>	<b>188,150</b>

*NTP WAS THICKENING*

5101 Regular Wages	50,509	100,400	98,100	103,400
5105 Overtime Wages	6,279	-	-	-
5109 Benefits	39,731	49,300	49,400	50,700
<b>Total PERSONNEL</b>	<b>96,519</b>	<b>149,700</b>	<b>147,500</b>	<b>154,100</b>
5213 Materials & Supplies	22,840	24,172	-	-
<b>Total MATERIALS &amp; FUELS</b>	<b>22,840</b>	<b>24,172</b>	<b>-</b>	<b>-</b>
5329 Polymer - Was	29,437	30,000	35,000	40,000
<b>Total CHEMICALS</b>	<b>29,437</b>	<b>30,000</b>	<b>35,000</b>	<b>40,000</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	11,353	10,000	10,000	15,000
<b>Total UTILITIES</b>	<b>17,991</b>	<b>14,200</b>	<b>15,000</b>	<b>23,000</b>
5556 Os - Maintenance	-	1,000	1,000	1,050
<b>Total OUTSIDE SERVICES</b>	<b>-</b>	<b>1,000</b>	<b>1,000</b>	<b>1,050</b>
<b>Total NTP WAS THICKENING</b>	<b>166,788</b>	<b>219,072</b>	<b>198,500</b>	<b>218,150</b>

*NTP ANAEROBIC DIGESTION*

5101 Regular Wages	72,529	102,300	102,700	108,400
5105 Overtime Wages	6,362	-	-	-
5109 Benefits	40,400	50,500	51,800	53,100
<b>Total PERSONNEL</b>	<b>119,291</b>	<b>152,800</b>	<b>154,500</b>	<b>161,500</b>
5213 Materials & Supplies	110,139	92,123	-	-
<b>Total MATERIALS &amp; FUELS</b>	<b>110,139</b>	<b>92,123</b>	<b>-</b>	<b>-</b>
5320 Ferric Chloride	5,085	16,000	20,000	23,000
5351 Calcium Hydroxide	50,956	62,500	62,500	66,000
<b>Total CHEMICALS</b>	<b>56,041</b>	<b>78,500</b>	<b>82,500</b>	<b>89,000</b>
5410 Natural Gas/Propane	8,851	4,200	5,000	8,000
5420 Electrical Power	136,242	140,000	140,000	150,000
<b>Total UTILITIES</b>	<b>145,092</b>	<b>144,200</b>	<b>145,000</b>	<b>158,000</b>
5556 Os - Maintenance	22,369	25,000	25,000	26,250
<b>Total OUTSIDE SERVICES</b>	<b>22,369</b>	<b>25,000</b>	<b>60,000</b>	<b>66,250</b>
<b>Total NTP ANAEROBIC DIGESTION</b>	<b>452,933</b>	<b>492,623</b>	<b>442,000</b>	<b>474,750</b>

*NTP DIGESTED SOLIDS DEWATERING*

5101 Regular Wages	68,309	119,200	121,000	127,500
5105 Overtime Wages	6,388	-	-	-
5109 Benefits	51,684	58,600	62,100	63,300
<b>Total PERSONNEL</b>	<b>126,381</b>	<b>177,800</b>	<b>183,100</b>	<b>190,800</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5213 Materials & Supplies	50,354	43,442	-	-
<b>Total MATERIALS &amp; FUELS</b>	<b>50,354</b>	<b>43,442</b>	<b>-</b>	<b>-</b>
5320 Ferric Chloride	99,500	64,000	65,000	68,000
5332 Polymer - Dewatering	103,717	160,000	160,000	170,000
<b>Total CHEMICALS</b>	<b>203,218</b>	<b>224,000</b>	<b>225,000</b>	<b>238,000</b>
5410 Natural Gas/Propane	6,638	4,200	5,000	8,000
5420 Electrical Power	11,353	10,000	10,000	15,000
<b>Total UTILITIES</b>	<b>17,991</b>	<b>14,200</b>	<b>15,000</b>	<b>23,000</b>
5556 Os - Maintenance	1,250	30,000	30,000	31,500
<b>Total OUTSIDE SERVICES</b>	<b>1,250</b>	<b>30,000</b>	<b>30,000</b>	<b>31,500</b>
<b>Total NTP DIGESTED SOLIDS DEWATERING</b>	<b>399,194</b>	<b>489,442</b>	<b>453,100</b>	<b>483,300</b>

*NTP COGENERATION*

5101 Regular Wages	49,244	71,200	75,100	78,500
5105 Overtime Wages	6,279	-	-	-
5109 Benefits	29,356	35,200	37,700	38,400
<b>Total PERSONNEL</b>	<b>84,879</b>	<b>106,400</b>	<b>112,800</b>	<b>116,900</b>
5213 Materials & Supplies	86,310	29,243	-	-
<b>Total MATERIALS &amp; FUELS</b>	<b>86,310</b>	<b>29,243</b>	<b>-</b>	<b>-</b>
5410 Natural Gas/Propane	84,081	52,500	55,000	60,000
5420 Electrical Power	45,414	50,000	50,000	55,000
<b>Total UTILITIES</b>	<b>129,495</b>	<b>102,500</b>	<b>105,000</b>	<b>115,000</b>
5556 Os - Maintenance	68,612	325,000	325,000	316,250
<b>Total OUTSIDE SERVICES</b>	<b>68,612</b>	<b>325,000</b>	<b>325,000</b>	<b>316,250</b>
<b>Total NTP COGENERATION</b>	<b>369,296</b>	<b>563,143</b>	<b>542,800</b>	<b>548,150</b>

*GROUNDS*

5101 Regular Wages	268,418	-	59,200	62,300
5103 Temporary Wages	16,800	18,000	-	-
5104 On-Call Wages	596	-	-	-
5105 Overtime Wages	26,731	-	-	-
5109 Benefits	-	-	29,900	30,800
<b>Total PERSONNEL</b>	<b>312,546</b>	<b>18,000</b>	<b>89,100</b>	<b>93,100</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY ACTIVITY

**NORTHERN TREATMENT PLANT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
5213 Materials & Supplies	70,100	212,975	-	-
Total MATERIALS & FUELS	70,100	212,975	-	-
5556 Os - Maintenance	183,035	-	480,000	479,000
Total OUTSIDE SERVICES	183,035	-	480,000	479,000
5686 Training & Development	-	2,000	2,000	3,000
Total SUPPORT EXPENSES	-	2,000	2,000	3,000
<b>Total GROUNDS</b>	<b>565,681</b>	<b>232,975</b>	<b>571,100</b>	<b>575,100</b>
<i>EQUIPMENT</i>				
5101 Regular Wages	1,827	38,800	34,300	36,300
5109 Benefits	15,156	18,600	17,500	17,900
Total PERSONNEL	16,983	57,400	51,800	54,200
5213 Materials & Supplies	120,016	91,275	-	-
Total MATERIALS & FUELS	120,016	91,275	-	-
5556 Os - Maintenance	56,352	1,000	1,000	1,050
Total OUTSIDE SERVICES	56,352	1,000	1,000	1,050
<b>Total EQUIPMENT</b>	<b>193,352</b>	<b>149,675</b>	<b>52,800</b>	<b>55,250</b>
<b>Total NORTHERN TREATMENT PLANT</b>	<b>6,631,512</b>	<b>7,222,900</b>	<b>7,234,800</b>	<b>7,605,450</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>NORTHERN TREATMENT PLANT</b>						
0200 - NTP Director of Operations and Maintenance	0.00	1.00	1.00	1.00	1.00	1.00
0200 - Senior NTP O&M Manager	1.00	0.00	0.00	0.00	0.00	0.00
0309 - Administrative Analyst	0.00	1.00	1.00	1.00	1.00	1.00
0309 - Administrative Assistant	1.00	1.00	0.00	1.00	0.00	0.00
0309 - Administrative Assistant Senior	1.00	0.00	1.00	0.00	1.00	1.00
0309 - Department Budget Administrator	1.00	0.00	0.00	0.00	0.00	0.00
0309 - NTP Superintendent	1.00	0.00	0.00	0.00	0.00	0.00
0309 - Operations Supervisor	1.00	1.00	2.00	2.00	2.00	2.00
0309 - Operator Technician	1.00	2.00	1.00	2.00	1.00	1.00
0309 - Plant Operator I	3.00	3.00	4.00	4.00	7.00	7.00
0309 - Plant Operator II	2.00	2.00	0.00	2.00	0.00	0.00
0309 - Plant Operator Lead	2.00	2.00	1.00	2.00	2.00	2.00
1708 - Electrician Instrument Tech	2.00	2.00	0.00	3.00	3.00	3.00
1708 - Facilities Maintenance Lead	0.00	1.00	1.00	1.00	1.00	1.00
1708 - Maintenance Worker FM	1.00	1.00	2.00	1.00	2.00	2.00
1708 - Mechanical Industrial Tech Associate	0.00	0.00	1.00	0.00	1.00	1.00
1708 - Mechanical Industrial Tech Senior	0.00	2.00	1.00	2.00	1.00	1.00
1708 - Mechanical Industrial Technician	1.00	1.00	1.00	1.00	1.00	1.00
1708 - NTP Facilities Maintenance Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
1708 - Senior Maint Worker-Maint	2.00	1.00	0.00	1.00	0.00	0.00
1708 - Utility Repairman	1.00	1.00	1.00	1.00	1.00	1.00
1709 - NTP Electrical & Instrumentation Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
1709 - NTP Maintenance Supervisor	2.00	0.00	0.00	0.00	0.00	0.00
1709 - NTP Mechanical Maintenance Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Northern Treatment Plant</b>	<b>23.00</b>	<b>25.00</b>	<b>21.00</b>	<b>28.00</b>	<b>28.00</b>	<b>28.00</b>

# Resource Recovery and Reuse Department

## *Description of Operations*

The Resource Recovery and Reuse (RR&R) Department is responsible for Metro Water Recovery’s Transmission System, the Biosolids Management Program, and Metro’s Fleet Management Program. This includes transmission of wastewater from all connectors to the RWHTF and NTP, marketing, transporting, and distribution of Metro’s Class B METROGRO® biosolids product, as well as acquiring and maintaining fleet vehicles and equipment.

The RR&R Department 2023 Revised Budget increased by 4.1% compared to the 2023 Budget. The 2024 Budget is increasing by 8.1% compared to the 2023 Budget. These changes are due to an increase in personnel, materials & fuels, and utilities.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 8,014,800	\$ 8,598,200	\$ 583,400	\$ 9,217,200	\$ 1,202,400
Materials & Fuels	3,259,750	3,523,500	263,750	3,622,500	362,750
Chemicals	1,890,000	1,650,000	(240,000)	1,700,000	(190,000)
Utilities	205,000	210,000	5,000	232,000	27,000
Outside Services	1,595,000	1,602,500	7,500	1,400,000	(195,000)
Support Expenses	134,000	134,000	-	147,000	13,000
<b>Total RWHTF Operations</b>	<b>\$ 15,098,550</b>	<b>\$ 15,718,200</b>	<b>\$ 619,650</b>	<b>\$ 16,318,700</b>	<b>\$ 1,220,150</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total RWHTF Operations Staff	68.00	69.00	1.00	71.00	3.00

## *2022 Highlights*

- 236 miles of gravity pipe
- 43 interceptors
- 3,728 manholes
- 7 drainage basins
- 113 diversion structures
- 109 metering facilities
- 30 siphon structures
- 3 lift stations, 3 miles of force mains
- ~16,609 line locate responses
- 236 miles of gravity pipe
- 52,000-acre METROGRO Farm
- 110–120 miles of METROGRO Farm roads
- ~30,000 dry tons biosolids land applied
- ~13,000 acres biosolids land applied
- 23 truckloads/day biosolids transported 6 days/week
- ~8,500 pounds of biosolids in each truck
- 362 permitted land application sites
- 3,508 Fleet work orders completed
- 476 pieces of Fleet equipment

DEPARTMENT SUMMARY

**RESOURCE RECOVERY & REUSE DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
RR&R MANAGEMENT	1,409,973	734,800	730,800	778,000
RR&R HITE OPERATIONS	6,686,325	8,055,500	8,341,600	8,525,000
RR&R NTP OPERATIONS	95,930	153,800	150,800	169,600
RR&R HITE MAINTENANCE	3,857,728	3,594,750	3,731,500	3,851,300
RR&R NTP MAINTENANCE	-	159,900	124,400	130,000
RR&R TRANSMISSION	2,047,762	2,399,800	2,639,100	2,864,800
<b>Total RESOURCE RECOVERY &amp; REUSE</b>	<b>14,097,718</b>	<b>15,098,550</b>	<b>15,718,200</b>	<b>16,318,700</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**RESOURCE RECOVERY & REUSE DEPARTMENT**

	2022 Actual	2023 Budget	2023 Revised	2024 Adopted
<b>PERSONNEL</b>				
5101 REGULAR WAGES	4,621,535	5,159,100	5,465,300	5,868,700
5105 OVERTIME WAGES	315,736	265,000	278,500	350,000
5104 ON-CALL WAGES	42,407	18,000	29,000	40,000
5103 TEMPORARY WAGES	9,163	16,000	16,000	18,000
5108 EMPLOYEE INCENTIVE PAY	128,000	32,000	32,000	36,000
5109 BENEFITS	2,354,455	2,519,900	2,772,600	2,899,700
5110 CAR ALLOWANCE	4,800	4,800	4,800	4,800
Total PERSONNEL	7,476,096	8,014,800	8,598,200	9,217,200
<b>MATERIALS &amp; FUELS</b>				
5213 MATERIALS & SUPPLIES	2,071,577	2,135,000	2,192,000	2,200,000
5215 TIRES & TUBES	205,633	220,000	220,000	240,000
5225 GASOLINE	186,697	145,750	181,500	192,500
5230 DIESEL FUEL	1,102,730	759,000	930,000	990,000
Total MATERIALS & FUELS	3,566,637	3,259,750	3,523,500	3,622,500
<b>CHEMICALS</b>				
5346 HERBICIDE/PESTICIDE	-	50,000	50,000	55,000
5348 FARM CHEMICALS	1,460,683	1,840,000	1,600,000	1,645,000
Total CHEMICALS	1,460,683	1,890,000	1,650,000	1,700,000
<b>UTILITIES</b>				
5410 NATURAL GAS/PROPANE	19,570	22,000	22,000	27,000
5415 POTABLE WATER	14,111	18,000	18,000	20,000
5420 ELECTRICAL POWER	146,404	165,000	170,000	185,000
Total UTILITIES	180,085	205,000	210,000	232,000
<b>OUTSIDE SERVICES</b>				
5540 OS - RENTAL	4,256	180,000	180,000	187,000
5549 OS - OTHER	821,892	1,040,000	1,040,000	803,000
5556 OS - MAINTENANCE	224,884	152,000	159,500	170,000
5560 APPLICATION FEES	281,069	223,000	223,000	240,000
Total OUTSIDE SERVICES	1,332,101	1,595,000	1,602,500	1,400,000
<b>SUPPORT SERVICES</b>				
5610 MEMBERSHIPS	3,670	6,000	3,900	3,900
5685 MEETINGS & CONFERENCES	54,955	47,000	47,000	55,000
5686 TRAINING & DEVELOPMENT	17,379	77,000	83,100	88,100
5687 SUBSCRIPTIONS/PUBLICATIONS	6,112	4,000	-	-
Total SUPPORT EXPENSES	82,116	134,000	134,000	147,000
<b>TOTAL RESOURCE RECOVERY &amp; REUSE</b>	<b>14,097,718</b>	<b>15,098,550</b>	<b>15,718,200</b>	<b>16,318,700</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>RESOURCE RECOVERY &amp; REUSE</b>						
0001 - Director of RR&R	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Fleet Maintenance Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Metrogro Farm Administrator	1.00	1.00	1.00	1.00	1.00	1.00
0001 - RR&R Operations Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - RR&R Work Planner	1.00	1.00	1.00	1.00	1.00	1.00
0001 - RR&R Work Planner Senior	1.00	1.00	2.00	1.00	2.00	2.00
0401 - Transmission Work Planner	1.00	1.00	1.00	1.00	1.00	1.00
0407 - Collections System Operator I	3.00	4.00	4.00	4.00	4.00	4.00
0407 - Collections System Operator II	1.00	1.00	1.00	1.00	1.00	1.00
0407 - Collections System Operator Lead	2.00	2.00	1.00	2.00	2.00	2.00
0407 - Collections System Technician	6.00	3.00	2.00	4.00	6.00	7.00
0407 - Maintenance Worker RR&R	0.00	2.00	0.00	2.00	0.00	0.00
0407 - Transmission Operations Manager	1.00	1.00	1.00	1.00	1.00	1.00
0407 - Transmission Operations Supervisor	2.00	2.00	2.00	2.00	2.00	2.00
0412 - Administrative Assistant	1.00	0.00	0.00	0.00	0.00	0.00
0412 - Administrative Assistant Senior	0.00	1.00	1.00	1.00	1.00	1.00
2230 - Administrative Analyst	0.00	0.00	1.00	0.00	1.00	1.00
2230 - Administrative Assistant Senior	2.00	1.00	0.00	1.00	0.00	0.00
2230 - Maintenance Worker - RR&R	0.00	0.00	1.00	0.00	1.00	1.00
2230 - RR&R Heavy Equipment/AG Operator	0.00	1.00	1.00	1.00	1.00	1.00
2230 - RR&R Operations Supervisor	2.00	2.00	2.00	2.00	2.00	2.00
2230 - RR&R Operator I	14.00	14.00	13.00	15.00	14.00	15.00
2230 - RR&R Operator II	6.00	6.00	7.00	6.00	7.00	7.00
2230 - RR&R Operator Lead	2.00	1.00	0.00	1.00	1.00	1.00
2230 - Senior Maint Worker-RR&R	1.00	1.00	0.00	1.00	0.00	0.00
2232 - Land Application Coordinator	1.00	1.00	1.00	1.00	1.00	1.00
2430 - Equipment & Transp Tech I	3.00	3.00	2.00	3.00	2.00	2.00
2430 - Equipment & Transp Tech II	5.00	5.00	7.00	5.00	7.00	7.00
2430 - Equipment & Transportation Tech Associate	0.00	1.00	3.00	1.00	3.00	3.00
2430 - Fleet Maint Supv	2.00	2.00	2.00	2.00	2.00	2.00
2609 - Senior Maint Worker-RR&R	1.00	1.00	0.00	1.00	0.00	0.00
2610 - Administrative Assistant	0.00	1.00	1.00	1.00	1.00	1.00
2610 - Equipment & Transp Tech I	1.00	1.00	0.00	1.00	0.00	0.00
2610 - Fleet Maintenance Technician	2.00	2.00	0.00	2.00	0.00	0.00
2610 - Maintenance Worker RR&R	1.00	0.00	0.00	0.00	0.00	0.00
2610 - Senior Maintenance Worker RR&R	0.00	0.00	1.00	0.00	1.00	1.00
<b>Total Resource Recovery &amp; Reuse Department</b>	<b>66.00</b>	<b>66.00</b>	<b>62.00</b>	<b>68.00</b>	<b>69.00</b>	<b>71.00</b>

# Administrative Services Department

## *Description of Operations*

The Administrative Services Department is responsible for management and operation of Finance, Budget, Internal Audit, Office Support, and Procurement. This includes warehousing, records management, and centralized administrative functions.

The Administrative Services Department 2023 Revised Budget increased by 9.5% compared to the 2023 Budget. The 2024 Budget is increasing by 11.6% compared to the 2023 Budget. This is due to an increase in support services due to insurance premiums, as well out outside services.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 3,196,900	\$ 3,386,300	\$ 189,400	\$ 3,523,600	\$ 326,700
Materials & Fuels	237,200	247,680	10,480	248,600	11,400
Outside Services	426,900	463,350	36,450	505,850	78,950
Support Expenses	2,131,100	2,461,645	330,545	2,409,090	277,990
<b>Total Administrative Services</b>	<b>\$ 5,992,100</b>	<b>\$ 6,558,975</b>	<b>\$ 566,875</b>	<b>\$ 6,687,140</b>	<b>\$ 695,040</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Administrative Services Staff	30.00	31.00	1.00	31.00	1.00

## *2022 Highlights*

- 6,449 accounts payable payments processed
- AAA Standard & Poor (S&P) and Aa1 Moody's Investor Service bond ratings
- 5,276 connections audited
- Government Finance Officers Association (GFOA) Annual Comprehensive Financial Report (ACFR) Award (35th year)
- 10,613 Purchasing Card transactions (\$4.1 million)
- 2,806 purchase orders (\$48.7 million)
- 197 new stock warehouse items
- 22,032 issued warehouse items (\$3.78 million)
- 6,964 items received (\$4.78 million)

DEPARTMENT SUMMARY

**ADMINISTRATIVE SERVICES DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>BUDGET</b>	408,284	412,900	492,400	509,100
<b>FINANCE</b>	1,372,812	1,446,800	1,486,305	1,557,450
<b>PROCUREMENT</b>	1,847,227	2,045,800	2,163,470	2,242,490
<b>INSURANCE</b>	2,171,853	2,086,600	2,416,800	2,378,100
<b>Total ADMINISTRATIVE SERVICES</b>	<b>5,800,176</b>	<b>5,992,100</b>	<b>6,558,975</b>	<b>6,687,140</b>

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY OBJECT

**ADMINISTRATIVE SERVICES DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>				
5101 REGULAR WAGES	1,903,984	2,143,600	2,244,700	2,357,100
5105 OVERTIME WAGES	1,622	1,800	1,800	1,800
5108 EMPLOYEE INCENTIVE PAY	4,250	-	-	-
5109 BENEFITS	990,087	1,051,500	1,139,800	1,164,700
Total PERSONNEL	2,899,943	3,196,900	3,386,300	3,523,600
<b>MATERIALS &amp; FUELS</b>				
5213 MATERIALS & SUPPLIES	108,308	77,200	87,680	88,600
5220 UNIFORMS	154,851	160,000	160,000	160,000
Total MATERIALS & FUELS	263,159	237,200	247,680	248,600
<b>OUTSIDE SERVICES</b>				
5515 OS - AUDIT	100,688	70,000	73,500	76,500
5520 OS - TRUSTEE	289,696	315,000	317,250	323,250
5540 OS - RENTAL	(575)	3,400	3,600	3,600
5549 OS - OTHER	68,559	37,500	68,000	101,500
5556 OS - MAINTENANCE	-	1,000	1,000	1,000
Total OUTSIDE SERVICES	458,368	426,900	463,350	505,850
<b>SUPPORT SERVICES</b>				
5610 MEMBERSHIPS	4,429	4,100	6,945	7,090
5620 POSTAGE & FREIGHT	10,966	11,000	12,000	12,000
5625 PRINTING & ADVERTISING	1,537	2,800	3,100	3,100
5645 INSURANCE	2,137,353	2,061,600	2,382,300	2,328,100
5685 MEETINGS & CONFERENCES	18,327	25,300	23,600	24,100
5686 TRAINING & DEVELOPMENT	4,444	25,500	32,900	33,400
5687 SUBSCRIPTIONS/PUBLICATIONS	1,650	800	800	1,300
Total SUPPORT EXPENSES	2,178,706	2,131,100	2,461,645	2,409,090
<b>Total ADMINISTRATIVE SERVICES</b>	<b>5,800,176</b>	<b>5,992,100</b>	<b>6,558,975</b>	<b>6,687,140</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>ADMINISTRATIVE SERVICES</b>						
<b>Finance</b>						
5100 - Accounts Payable Technician	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Connection Charge Analyst	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Director of Admin Services	1.00	0.00	0.00	0.00	0.00	0.00
5100 - Financial Accountant I	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Financial Accountant II	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Internal Auditor	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Payroll Administrator	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Senior Accounting Manager	1.00	1.00	1.00	1.00	1.00	1.00
5100 - Utility Charge Manager	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Finance</b>	<b>10.00</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>
<b>Procurement</b>						
5300 - Administrative Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5300 - Chief Procurement Officer	1.00	0.00	0.00	0.00	0.00	0.00
5300 - Inventory Control Specialist	1.00	1.00	1.00	1.00	1.00	1.00
5300 - MRO Specialist	1.00	1.00	2.00	1.00	1.00	1.00
5300 - Purchasing Manager	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Senior MRO Specialist	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Senior Strategic Sourcing Specialist	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Sourcing Technician	1.00	1.00	0.00	1.00	1.00	1.00
5300 - Strategic Sourcing Lead	1.00	1.00	0.00	1.00	1.00	1.00
5300 - Strategic Sourcing Specialist	2.00	3.00	3.00	3.00	3.00	3.00
5300 - Warehouse Operation Supervisor	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Warehouse Operations Lead	1.00	1.00	1.00	1.00	1.00	1.00
5300 - Warehouse Operations Technician	6.00	5.00	5.00	5.00	6.00	6.00
<b>Total Procurement</b>	<b>19.00</b>	<b>17.00</b>	<b>16.00</b>	<b>17.00</b>	<b>18.00</b>	<b>18.00</b>
<b>Information Technology</b>						
5500 - Administrative Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Database Administrator	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Application Specialist Senior	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Business Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Infrastructure Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Security Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Senior Support Analyst	3.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Service Delivery Analyst Senior	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Service Delivery Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Support Analyst	1.00	0.00	0.00	0.00	0.00	0.00
5500 - IT Systems Architect	2.00	0.00	0.00	0.00	0.00	0.00
5500 - Programming/Application Support Supvr	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Records Mgmt Administrator	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Records Mgmt Specialist I	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Records Mgmt Specialist II	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior Business Intell Solution Architect	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior IT Manager	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior IT Systems Architect	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Senior Programmer Analyst	5.00	0.00	0.00	0.00	0.00	0.00
5500 - Systems Administrator	1.00	0.00	0.00	0.00	0.00	0.00
5500 - Systems Administrator Senior	1.00	0.00	0.00	0.00	0.00	0.00
<b>Total Information Technology</b>	<b>28.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>Budget</b>						
5600 - Administrative Assistant	2.00	2.00	2.00	2.00	2.00	2.00
5600 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	1.00	1.00
5600 - Senior Budget Manager	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Budget</b>	4.00	4.00	4.00	4.00	4.00	4.00
<b>Total Administrative Services Department</b>	<b>61.00</b>	<b>30.00</b>	<b>29.00</b>	<b>30.00</b>	<b>31.00</b>	<b>31.00</b>

# Comprehensive Planning Department

## *Description of Comprehensive Planning*

The Comprehensive Planning Department (CPD) coordinates, prioritizes and manages the capital planning activities that address regulatory, capacity, asset, and business improvement needs that make up the overall comprehensive plan for the organization. This includes administration of the organizational workflow processes and planning workgroups which plan and prioritize the infrastructure and business improvements for Metro. The CPD is also responsible for the implementation and administration of the Asset Management Program.

The Comprehensive Planning Department 2023 Revised Budget increased by 4.0% compared to the 2023 Budget, and the 2024 Budget is increasing by 7.9% compared to the 2023 Budget. This is due to an increase in Personnel, Outside Services, and Support Services.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 994,000	\$ 1,020,700	\$ 26,700	\$ 1,063,300	\$ 69,300
Materials & Fuels	8,000	7,000	(1,000)	7,000	(1,000)
Outside Services	60,000	75,000	15,000	75,000	15,000
Support Expenses	19,800	22,500	2,700	22,500	2,700
<b>Total Comprehensive Planning</b>	<b>\$ 1,081,800</b>	<b>\$ 1,125,200</b>	<b>\$ 43,400</b>	<b>\$ 1,167,800</b>	<b>\$ 86,000</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Comprehensive Planning Staff	5.00	5.00	-	5.00	-

## *2022 Highlights*

- Completed *ten-year Capital Expenditure Schedule* for the 2024 budget
- Moved all CPD information and web pages to the new Office 365 environment
- Worked with management to coordinate and define Metro planning activities
- Led significant prioritization iterations to support changing infrastructure needs of Metro
- Continued to work on Phase 1 of the Asset Management Program Implementation
- Continued development of initial draft of asset management governance documents
- Management of three capital projects

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**COMPREHENSIVE PLANNING**

**2022 Actual    2023 Budget    2023 Revised    2024 Adopted**

PERSONNEL

5101	REGULAR WAGES	624,843	663,900	674,000	708,100
5108	EMPLOYEE INCENTIVE PAY	11,000	-	-	-
5109	BENEFITS	302,988	325,300	341,900	350,400
5110	CAR ALLOWANCE	4,800	4,800	4,800	4,800

Total PERSONNEL		<u>943,631</u>	<u>994,000</u>	<u>1,020,700</u>	<u>1,063,300</u>
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MATERIALS & FUELS

5213	MATERIALS & SUPPLIES	1,909	8,000	7,000	7,000
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Total MATERIALS & FUELS		<u>1,909</u>	<u>8,000</u>	<u>7,000</u>	<u>7,000</u>
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OUTSIDE SERVICES

5549	OS - OTHER	8,946	60,000	75,000	75,000
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Total OUTSIDE SERVICES		<u>8,946</u>	<u>60,000</u>	<u>75,000</u>	<u>75,000</u>
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SUPPORT SERVICES

5610	MEMBERSHIPS	1,707	1,800	3,000	3,000
5685	MEETINGS & CONFERENCES	7,996	12,000	12,000	12,000
5686	TRAINING & DEVELOPMENT	1,254	6,000	7,500	7,500

Total SUPPORT EXPENSES		<u>10,957</u>	<u>19,800</u>	<u>22,500</u>	<u>22,500</u>
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<b>Total COMPREHENSIVE PLANNING</b>		<b><u>965,443</u></b>	<b><u>1,081,800</u></b>	<b><u>1,125,200</u></b>	<b><u>1,167,800</u></b>
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2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>COMPREHENSIVE PLANNING</b>						
0090 - Director of Comprehensive Planning	1.00	1.00	1.00	1.00	1.00	1.00
0090 - Senior Engineer	4.00	0.00	0.00	0.00	0.00	0.00
0090 - Senior Wastewater Infrastructure Planner	0.00	4.00	4.00	4.00	4.00	4.00
<b>Total Comprehensive Planning Department</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>

# Engineering Department

## *Description of Operations*

The Engineering Department is responsible for delivering Metro’s Capital Project Program. This involves managing the study, design, construction, post-construction, and commissioning Metro’s capital projects including asset condition assessments, permitting, in-house designs, and management of consultant agreements and construction contracts. The Engineering Department also manages the Process Control Systems (PCS) for Metro’s treatment plants and the Transmission System; Metro’s geospatial data captured in project and facility computer assisted drafting (CAD) drawings, Building Information Modeling (BIM), and Geographical Information System (GIS); the Interceptor Management System (IMS) database which includes the Transmission System hydraulic model; the Interceptor Connection Program; the land/real property management program; the electrical power system model; and the HVAC Control System (HCS).

The Engineering Department 2023 Revised Budget increased by 6.8% compared to the 2023 Budget, and the 2024 Budget is increasing by 12.8% compared to the 2023 Budget. This is primarily due to an increase in Personnel, Outside Services, and Support Services.

### *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 7,976,700	\$ 8,426,000	\$ 449,300	\$ 8,907,700	\$ 931,000
Materials & Fuels	15,000	15,750	750	16,500	1,500
Outside Services	170,000	261,600	91,600	272,100	102,100
Support Expenses	84,500	101,500	17,000	108,800	24,300
<b>Total Engineering</b>	<b>\$ 8,246,200</b>	<b>\$ 8,804,850</b>	<b>\$ 558,650</b>	<b>\$ 9,305,100</b>	<b>\$ 1,058,900</b>

### *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Engineering Staff	48.75	49.00	0.25	50.00	1.25

### *2022 Highlights*

- 9 study projects managed; 5 completed
- 8 design projects managed; 45 completed
- 27 construction projects managed; 15 completed
- 2 post-construction project managed & completed
- 13 implementation projects managed; 7 completed
- 7 Construction Manager-At-Risk (CMAR) projects managed
- \$123 million in capital project expenditures
- 12,547 linear feet of interceptors rehabilitated
- 525 outside-agency plan reviews completed
- 5 connection requests approved
- 6 easements acquired on the Transmission System

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY OBJECT

**ENGINEERING DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>				
5101 REGULAR WAGES	4,922,349	5,311,100	5,541,600	5,902,200
5105 OVERTIME WAGES	24,083	12,000	15,000	16,000
5104 ON-CALL WAGES	39,359	45,000	45,000	47,000
5108 EMPLOYEE INCENTIVE PAY	61,000	-	8,000	15,000
5109 BENEFITS	2,583,929	2,603,800	2,811,600	2,922,700
5110 CAR ALLOWANCE	4,800	4,800	4,800	4,800
<b>Total PERSONNEL</b>	<b>7,635,520</b>	<b>7,976,700</b>	<b>8,426,000</b>	<b>8,907,700</b>
<b>MATERIALS &amp; FUELS</b>				
5213 MATERIALS & SUPPLIES	16,952	15,000	15,750	16,500
<b>Total MATERIALS &amp; FUELS</b>	<b>16,952</b>	<b>15,000</b>	<b>15,750</b>	<b>16,500</b>
<b>OUTSIDE SERVICES</b>				
5530 OS - ENGINEERING	118,500	140,000	176,000	182,000
5549 OS - OTHER	18,000	25,000	80,250	84,500
5556 OS - MAINTENANCE	3,600	5,000	5,350	5,600
<b>Total OUTSIDE SERVICES</b>	<b>140,100</b>	<b>170,000</b>	<b>261,600</b>	<b>272,100</b>
<b>SUPPORT SERVICES</b>				
5610 MEMBERSHIPS	5,019	3,500	5,000	5,000
5685 MEETINGS & CONFERENCES	22,328	35,000	45,000	47,300
5686 TRAINING & DEVELOPMENT	38,273	40,000	45,000	50,000
5687 SUBSCRIPTIONS/PUBLICATIONS	1,579	6,000	6,500	6,500
<b>Total SUPPORT EXPENSES</b>	<b>67,199</b>	<b>84,500</b>	<b>101,500</b>	<b>108,800</b>
<b>Total ENGINEERING</b>	<b>7,859,771</b>	<b>8,246,200</b>	<b>8,804,850</b>	<b>9,305,100</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>ENGINEERING</b>						
0001 - Administrative Assistant	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Associate Modeler	0.00	0.00	1.00	0.00	1.00	1.00
0001 - BIM Supervisor	1.00	1.00	1.00	1.00	2.00	2.00
0001 - BIM/CAD Manager	1.00	1.00	1.00	1.00	0.00	0.00
0001 - CAD Operator II	1.00	1.00	1.00	1.00	0.00	0.00
0001 - CAD Operator III	1.00	1.00	1.00	1.00	0.00	0.00
0001 - CAD Supervisor	1.00	1.00	1.00	1.00	0.00	0.00
0001 - Deputy CEO/Director of Engineering	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Designer I	1.00	1.00	1.00	1.00	0.00	0.00
0001 - Director of Engineering	0.00	1.00	1.00	1.00	1.00	1.00
0001 - Engineer Associate	1.00	2.00	2.00	2.00	5.00	5.00
0001 - Engineer Electrical I&C Associate	1.00	0.00	0.00	0.00	1.00	2.00
0001 - Engineering Electrical I&C Technician II	1.00	1.00	0.00	1.00	0.00	0.00
0001 - Engineering Technician I	0.00	1.00	0.00	1.00	0.00	0.00
0001 - Engineering Technician II	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Geospatial Manager	0.00	0.00	1.00	0.00	1.00	1.00
0001 - GIS Specialist	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Principal Engineer	5.00	6.00	6.00	6.00	6.00	6.00
0001 - Principal Engineer Elec I&C	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Principal Permitting Engineer	0.00	0.75	0.75	0.75	1.00	1.00
0001 - Real Property/QC Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Electrical/I&C Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Engineer	6.75	5.00	4.00	5.00	4.00	4.00
0001 - Senior Engineer Elec I&C	1.00	1.00	0.00	1.00	1.00	1.00
0001 - Senior Quality Control Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Transmission Systems Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Senior Treatment Plant Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0001 - Staff Engineer	4.00	3.00	3.00	3.00	3.00	3.00
0001 - Staff Engineer Elect I&C	4.00	5.00	5.00	5.00	4.00	4.00
0001 - Staff Modeler	0.00	0.00	3.00	0.00	2.00	2.00
5550 - Control Systems Engineering Technician	1.00	1.00	1.00	1.00	1.00	1.00
5550 - Principal Control Systems Engineer	1.00	1.00	1.00	1.00	2.00	2.00
5550 - Senior Control Systems Engineer	4.00	5.00	5.00	5.00	4.00	4.00
5550 - Staff Control Systems Engineer	2.00	1.00	1.00	1.00	1.00	1.00
<b>Total Engineering</b>	<b>48.75</b>	<b>48.75</b>	<b>49.75</b>	<b>48.75</b>	<b>49.00</b>	<b>50.00</b>

# Environmental Services Department

## *Description of Operations*

The Environmental Services Department includes the Regulatory Affairs Division, Industrial Pretreatment Division, Laboratory Services Division, and the Water Quality Division. Together these teams are responsible for developing, implementing, and managing Metro’s environmental regulatory compliance programs, for conducting compliance, Annual Charge, process control, pilot project and ambient stream/lake/groundwater sampling, for analyzing process control, pilot project and Annual Charge samples, for representing Metro in state and federal stakeholder and formal hearing processes, and for providing other analytical, regulatory and technical support services across Metro.

The Environmental Services Department 2023 Revised Budget increased by .7% compared to the 2023 Budget. The 2024 Budget is increasing by 5.0% compared to the 2023 Budget. This is due to an increase in personnel and outside services, and a decrease in materials and fuels.

### *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 10,005,088	\$ 10,088,200	\$ 83,112	\$ 10,498,000	\$ 492,912
Materials & Fuels	1,054,122	957,576	(96,546)	937,576	(116,546)
Outside Services	1,319,299	1,469,874	150,575	1,540,884	221,585
Support Expenses	186,866	207,689	20,823	219,869	33,003
<b>Total Environmental Services</b>	<b>\$ 12,565,375</b>	<b>\$ 12,723,339</b>	<b>\$ 157,964</b>	<b>\$ 13,196,329</b>	<b>\$ 630,954</b>

### *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Environmental Services Staff	79.00	76.00	(3.00)	76.00	(3.00)

### *2022 Highlights*

- 94 Industrial Pretreatment Program (IPP) permitted facilities
- 371 IPP inspections
- Water Quality Monitoring: 4 lakes, 4 inlets to Burlington Ditch, 1 stormwater site, 20 stream sites, 9 S. Platte Nutrient Study sites, 20 groundwater monitoring sites, 12 biolog. sites, Annual Barr Lake Carp Harvesting, temperature at 21 sites
- Coordinated CDPS permit renewal application for RWHTF and submitted to the state
- Participated in the Direct Potable Reuse stakeholder process and rulemaking
- State CDPS inspection at NTP – minimal findings
- Analyzed 2,800 Annual Charge Samples
- Intensive 7-day sample collection and analytical work in support of NTP model update

DEPARTMENT SUMMARY

**ENVIRONMENTAL SERVICES DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
MANAGEMENT	294,571	442,512	483,569	508,269
LABORATORY SERVICES	4,841,162	6,220,614	5,312,300	5,536,175
WATER QUALITY	894,936	1,234,675	1,195,575	1,219,575
REGULATORY AFFAIRS	2,373,886	1,637,824	2,171,754	2,227,414
INDUSTRIAL PRETREATMENT	2,239,760	3,029,750	3,560,141	3,704,896
<b>Total ENVIRONMENTAL SERVICES</b>	<b>10,644,315</b>	<b>12,565,375</b>	<b>12,723,339</b>	<b>13,196,329</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**ENVIRONMENTAL SERVICES DEPARTMENT**

		<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>					
5101	REGULAR WAGES	5,445,310	6,547,100	6,490,700	6,814,200
5104	ON-CALL WAGES	26,158	11,495	27,000	28,500
5105	OVERTIME WAGES	183,370	208,293	176,000	185,500
5106	INTERN WAGES	-	-	70,000	60,000
5108	EMPLOYEE INCENTIVE PAY	24,700	25,000	25,000	30,000
5109	BENEFITS	2,997,742	3,208,400	3,294,700	3,375,000
5110	CAR ALLOWANCE	4,800	4,800	4,800	4,800
Total PERSONNEL		8,682,080	10,005,088	10,088,200	10,498,000
<b>MATERIALS &amp; FUELS</b>					
5213	MATERIALS & SUPPLIES	663,185	1,054,122	957,576	937,576
Total MATERIALS & FUELS		663,185	1,054,122	957,576	937,576
<b>OUTSIDE SERVICES</b>					
5549	OS - OTHER	890,978	830,589	1,068,360	1,099,240
5556	OS - MAINTENANCE	159,071	321,348	250,350	310,230
5565	REGULATORY FEES	106,731	167,362	151,164	131,414
Total OUTSIDE SERVICES		1,156,780	1,319,299	1,469,874	1,540,884
<b>SUPPORT SERVICES</b>					
5610	MEMBERSHIPS	8,871	12,008	13,315	14,395
5625	PRINTING & ADVERTISING	-	4,000	4,000	4,000
5685	MEETINGS & CONFERENCES	90,463	104,866	115,725	122,825
5686	TRAINING & DEVELOPMENT	31,371	52,296	61,049	63,249
5687	SUBSCRIPTIONS/PUBLICATIONS	11,565	13,696	13,600	15,400
Total SUPPORT EXPENSES		142,270	186,866	207,689	219,869
<b>Total ENVIRONMENTAL SERVICES</b>		<b>10,644,315</b>	<b>12,565,375</b>	<b>12,723,339</b>	<b>13,196,329</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>ENVIRONMENTAL SERVICES</b>						
0001 - Administrative Assistant	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Administrative Assistant Senior	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Analytical Chemist I	2.00	0.00	0.00	0.00	0.00	0.00
0001 - Analytical Chemist II	2.00	0.00	0.00	0.00	0.00	0.00
0001 - Analytical Services Administrator	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Chemist Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
0001 - In-Line Instrument Spec I	2.00	0.00	0.00	0.00	0.00	0.00
0001 - In-Line Instrument Spec II	4.00	0.00	0.00	0.00	0.00	0.00
0001 - In-Line Instrument Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Analyst I	18.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Analyst II	8.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Supervisor	4.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Support Specialist	3.00	0.00	0.00	0.00	0.00	0.00
0001 - Laboratory Support Supervisor	1.00	0.00	0.00	0.00	0.00	0.00
0001 - QAQC Specialist I	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Quality Assurance Manager	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Senior Laboratory Manager	1.00	0.00	0.00	0.00	0.00	0.00
0001 - Director of Environmental Services	1.00	1.00	1.00	1.00	1.00	1.00
0049 - Administrative Analyst	1.00	0.00	0.00	0.00	0.00	0.00
0049 - Biosolids Administrator	1.00	1.00	1.00	1.00	0.00	0.00
0049 - Environmental Sampling Field Specialist	0.00	0.00	2.00	0.00	2.00	2.00
0049 - Environmental Sampling Field Technician	0.00	0.00	4.00	0.00	4.00	4.00
0049 - Environmental Sampling Lead	0.00	0.00	1.00	0.00	1.00	1.00
0049 - Environmental Sampling Supervisor	0.00	0.00	1.00	0.00	1.00	1.00
0049 - Regulatory Compliance Associate	1.00	2.00	2.00	2.00	2.00	2.00
0049 - Regulatory Compliance Manager	0.00	0.00	0.00	0.00	1.00	1.00
0049 - Regulatory Compliance Specialist Senior	2.00	2.00	2.00	2.00	2.00	2.00
0049 - Regulatory Compliance Speclst	1.00	1.00	1.00	1.00	1.00	1.00
0049 - Regulatory Compliance Technician	0.00	0.00	0.00	0.00	1.00	1.00
0049 - Sampling and Data Quality Coordinator	0.00	1.00	0.00	1.00	1.00	1.00
0049 - Senior Regulatory Affairs Manager	1.00	1.00	1.00	1.00	1.00	1.00
0050 - Administrative Analyst	0.00	0.00	0.00	0.00	1.00	1.00
0050 - Administrative Assistant Senior	1.00	1.00	1.00	1.00	0.00	0.00
0050 - Engineer Associate	0.00	1.00	1.00	1.00	5.00	5.00
0050 - Environmental Sampling Field Specialist	2.00	2.00	2.00	2.00	0.00	0.00
0050 - Environmental Sampling Field Technician	5.00	4.00	4.00	4.00	0.00	0.00
0050 - Environmental Sampling Lead	1.00	1.00	1.00	1.00	0.00	0.00
0050 - Environmental Sampling Supervisor	1.00	1.00	1.00	1.00	0.00	0.00
0050 - Industrial Pretreatment Manager	2.00	2.00	2.00	2.00	2.00	2.00
0050 - Industrial Pretreatment Program Lead	0.00	0.00	0.00	0.00	1.00	1.00
0050 - Industrial Pretreatment Program Specialist I	3.00	3.00	3.00	3.00	1.00	1.00
0050 - Industrial Pretreatment Program Specialist II	4.00	4.00	4.00	4.00	4.00	4.00
0050 - Industrial Pretreatment Supervisor	0.00	0.00	0.00	0.00	1.00	1.00
0050 - Industrial Pretreatment Sector Investigator I	1.00	1.00	0.00	1.00	2.00	2.00
0050 - Industrial Pretreatment Sector Investigator II	3.00	3.00	3.00	3.00	2.00	2.00
0050 - Sampling and Data Quality Coordinator	1.00	0.00	0.00	0.00	0.00	0.00
0050 - Senior Pretreatment and Sampling Manager	1.00	1.00	1.00	1.00	1.00	1.00
0051 - Senior Water Quality Manager	1.00	1.00	1.00	1.00	1.00	1.00
0051 - Water Quality Scientist	2.00	2.00	2.00	2.00	2.00	2.00
0051 - Water Quality Scientist Senior	0.00	2.00	2.00	2.00	2.00	2.00
0051 - Water Quality Scientist Associate	0.00	0.00	0.00	1.00	0.00	0.00
0051 - Water Quality Specialist	2.00	0.00	0.00	0.00	0.00	0.00
0060 - Administrative Assistant Senior	0.00	1.00	1.00	1.00	1.00	1.00
0060 - Analytical Chemist I	0.00	3.00	3.00	3.00	3.00	3.00
0060 - Analytical Chemist II	0.00	1.00	1.00	1.00	1.00	1.00
0060 - Analytical Services Administrator	0.00	1.00	0.00	1.00	1.00	1.00
0060 - Chemist Supervisor	0.00	1.00	0.00	1.00	0.00	0.00
0060 - Laboratory Analyst I	0.00	18.00	15.00	18.00	10.00	10.00

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
0060 - Laboratory Analyst II	0.00	8.00	8.00	8.00	10.00	10.00
0060 - Laboratory Analyst III	0.00	0.00	0.00	0.00	1.00	1.00
0060 - Laboratory Supervisor	0.00	4.00	4.00	4.00	4.00	4.00
0060 - QA/QC Specialist I	0.00	1.00	1.00	1.00	1.00	1.00
0060 - Quality Assurance Manager	0.00	1.00	0.00	1.00	0.00	0.00
0060 - Senior Laboratory Manager	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Environmental Services</b>	<b>90.00</b>	<b>78.00</b>	<b>78.00</b>	<b>79.00</b>	<b>76.00</b>	<b>76.00</b>

# Human Resources Department

## *Description of Operations*

The Human Resources Department provides benefits administration; compensation, employee relations, employment, and human resource consulting; training and development; and environmental health and safety programs for all Metro departments and employees.

The Human Resources Department 2023 Revised Budget increased by 3.9% compared to the 2023 Budget. The 2024 Budget is increasing by 7.3% compared to the 2023 Budget. This is due to an increase in personnel costs, outside services, and support expenditures.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 1,929,150	\$ 1,975,750	\$ 46,600	\$ 2,057,450	\$ 128,300
Materials & Fuels	65,000	65,000	-	65,000	-
Outside Services	179,000	196,000	17,000	196,000	17,000
Support Expenses	606,700	652,050	45,350	665,310	58,610
<b>Total Human Resources</b>	<b>\$ 2,779,850</b>	<b>\$ 2,888,800</b>	<b>\$ 108,950</b>	<b>\$ 2,983,760</b>	<b>\$ 203,910</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Human Resources Staff	13.00	13.00	-	13.00	-

## *2022 Highlights*

- Continued COVID-19 monitoring and support; updated Remote Work Policy
- ~120 Positions Filled - 45% internally
- Launched new employee incentive programs
- Employee Events return to in person
- Wellness program received top award by recognized healthlinks Healthy Workplace Award in Denver
- Sponsored 2<sup>nd</sup> annual national compensation survey for large wastewater treatment plants

METRO WATER RECOVERY  
DEPARTMENT SUMMARY

**HUMAN RESOURCES DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>EMPLOYMENT, TRAINING, &amp; COMPENSATION SERVICES</b>	2,097,612	2,253,000	2,332,550	2,409,210
<b>ENVIRONMENTAL HEALTH &amp; SAFETY</b>	515,100	526,850	556,250	574,550
<b>Total HUMAN RESOURCES</b>	<b>2,612,712</b>	<b>2,779,850</b>	<b>2,888,800</b>	<b>2,983,760</b>

**HUMAN RESOURCES DEPARTMENT**

		<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>					
5101	REGULAR WAGES	1,207,074	1,290,600	1,306,000	1,372,400
5105	OVERTIME WAGES	6,200	1,250	1,250	1,250
5108	EMPLOYEE INCENTIVE PAY	8,750	-	-	-
5109	BENEFITS	596,385	632,500	663,700	679,000
5110	CAR ALLOWANCE	4,800	4,800	4,800	4,800
	Total PERSONNEL	1,823,209	1,929,150	1,975,750	2,057,450
<b>MATERIALS &amp; FUELS</b>					
5213	MATERIALS & SUPPLIES	55,967	65,000	65,000	65,000
	Total MATERIALS & FUELS	55,967	65,000	65,000	65,000
<b>OUTSIDE SERVICES</b>					
5549	OS - OTHER	205,177	157,000	174,000	174,000
5556	OS - MAINTENANCE	21,363	22,000	22,000	22,000
	Total OUTSIDE SERVICES	226,540	179,000	196,000	196,000
<b>SUPPORT SERVICES</b>					
5610	MEMBERSHIPS	7,192	5,950	5,950	5,950
5625	PRINTING & ADVERTISING	69,566	57,000	57,000	57,000
5655	EMPLOYEE TUITION REIMBURSEMENT	32,469	45,000	45,000	45,000
5656	EMPLOYEE EVENTS	101,599	97,150	98,500	101,760
5657	HEALTH & FITNESS	52,561	45,000	80,000	80,000
5658	RECOGNITION	112,509	133,000	137,500	142,500
5659	DISTRICT-WIDE TRAINING	51,864	150,000	146,000	146,000
5685	MEETINGS & CONFERENCES	33,341	26,600	29,100	34,100
5686	TRAINING & DEVELOPMENT	13,793	21,500	21,500	21,500
5687	SUBSCRIPTIONS/PUBLICATIONS	32,102	25,500	31,500	31,500
	Total SUPPORT EXPENSES	506,996	606,700	652,050	665,310
	<b>Total HUMAN RESOURCES</b>	<b>2,612,712</b>	<b>2,779,850</b>	<b>2,888,800</b>	<b>2,983,760</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>HUMAN RESOURCES</b>						
5200 - Administrative Assistant Senior	1.00	0.00	0.00	0.00	0.00	0.00
5200 - Director of Human Resources	1.00	1.00	1.00	1.00	1.00	1.00
5200 - Employment Manager	1.00	1.00	0.00	1.00	0.00	0.00
5200 - Human Resources Technician	0.00	1.00	0.00	1.00	1.00	1.00
5200 - Organizational Development & Learning Manager	0.00	0.00	1.00	0.00	1.00	1.00
5200 - Organizational Development Spec	1.00	1.00	1.00	1.00	0.00	0.00
5200 - Organizational Training Specialist	0.00	1.00	1.00	1.00	1.00	1.00
5200 - Senior Human Resources Manager	1.00	1.00	1.00	1.00	1.00	1.00
5200 - Talent Acquisition Specialist	0.00	1.00	1.00	1.00	2.00	2.00
5200 - Technical Training Specialist	1.00	0.00	0.00	0.00	0.00	0.00
5250 - Benefits Administrator	1.00	1.00	0.00	1.00	0.00	0.00
5250 - HRIS and Compensation Analyst	1.00	1.00	1.00	1.00	1.00	1.00
5250 - Senior Benefits Administrator	0.00	0.00	1.00	0.00	1.00	1.00
5250 - Senior Compensation & Benefits Manager	1.00	1.00	1.00	1.00	1.00	1.00
5900 - Environmental Health & Safety Specialist Senior	1.00	1.00	1.00	1.00	1.00	1.00
5900 - Environmental Health And Safety Technician	1.00	1.00	1.00	1.00	1.00	1.00
5900 - Senior Environmental Health and Safety Manager	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Human Resources</b>	<b>12.00</b>	<b>13.00</b>	<b>12.00</b>	<b>13.00</b>	<b>13.00</b>	<b>13.00</b>

# Information Technology Department

## *Description of Operations*

The Information Technology Department is responsible for designing, implementing and managing information systems and devices needed by the business in order to accomplish its mission. It is divided into 3 divisions including Enterprise Architecture, IT Operations, and Cybersecurity.

The outside services increases are due to the upgrade of a couple software applications that includes moving these systems to the cloud, and the additional expenses are for cloud hoisting and application management services.

The Information Technology Department 2023 Revised Budget increased by .9% compared to the 2023 Budget. The 2024 Budget is increasing by 5.1% compared to the 2023 Budget. This is due to an increase in outside services and support expenses. This includes an upgrade to software applications, cloud hosting, and application management services.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 5,327,300	\$ 5,255,900	\$ (71,400)	\$ 5,471,000	\$ 143,700
Materials & Fuels	300,000	354,000	54,000	354,000	54,000
Outside Services	2,527,280	2,621,280	94,000	2,783,280	256,000
Support Expenses	782,895	787,700	4,805	787,700	4,805
<b>Total Administrative Services</b>	<b>\$ 8,937,475</b>	<b>\$ 9,018,880</b>	<b>\$ 81,405</b>	<b>\$ 9,395,980</b>	<b>\$ 458,505</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Administrative Services Staff	32.00	32.00	-	32.00	-

## *2022 Highlights*

- Major wireless technology upgrade
- Initiation of the new IT Asset Management system
- Update IT procedures to better align with and support the organization.
- Unification of project management to organize IT's projects
- Implementation of Records Management Program
- 25,753 electronic records filed
- 20 Colorado Open Records Act requests were completed
- Initiation of projects to upgrade critical systems throughout the organization.

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY OBJECT

**INFORMATION TECHNOLOGY DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>IT OPERATIONS</b>	5,002,801	6,841,815	4,675,900	4,836,000
<b>ENTERPRISE ARCHITECTURE</b>	1,218,625	920,208	3,384,180	3,563,580
<b>CYBERSECURITY</b>	1,652,741	1,175,452	958,800	996,400
<b>Total INFORMATION TECHNOLOGY</b>	<b>7,874,167</b>	<b>8,937,475</b>	<b>9,018,880</b>	<b>9,395,980</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**INFORMATION TECHNOLOGY DEPARTMENT**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>				
5101 REGULAR WAGES	2,300,676	3,481,900	3,384,200	3,551,900
5105 OVERTIME WAGES	20,909	9,600	15,000	15,000
5104 ON-CALL WAGES	111,804	125,000	125,000	130,000
5108 EMPLOYEE INCENTIVE PAY	19,500	-	10,000	10,000
5109 BENEFITS	1,547,143	1,706,000	1,716,900	1,759,300
5110 CAR ALLOWANCE	3,800	4,800	4,800	4,800
<b>Total PERSONNEL</b>	<b>4,003,832</b>	<b>5,327,300</b>	<b>5,255,900</b>	<b>5,471,000</b>
<b>MATERIALS &amp; FUELS</b>				
5213 MATERIALS & SUPPLIES	467,984	300,000	154,000	154,000
5245 IT DEVICES	-	-	200,000	200,000
<b>Total MATERIALS &amp; FUELS</b>	<b>467,984</b>	<b>300,000</b>	<b>354,000</b>	<b>354,000</b>
<b>OUTSIDE SERVICES</b>				
5535 OS - IT AGREEMENTS	-	-	2,546,280	2,693,280
5549 OS - OTHER	581,539	100,000	-	15,000
5536 OS - IT CONTRACTS	-	-	75,000	75,000
5556 OS - MAINTENANCE	2,214,124	2,427,280	-	-
<b>Total OUTSIDE SERVICES</b>	<b>2,795,663</b>	<b>2,527,280</b>	<b>2,621,280</b>	<b>2,783,280</b>
<b>SUPPORT SERVICES</b>				
5610 MEMBERSHIPS	1,429	1,895	-	-
5615 TELECOMMUNICATIONS	464,065	486,000	515,200	515,200
5635 COPYING EXPENSE	114,400	140,000	148,000	148,000
5685 MEETINGS & CONFERENCES	4,368	48,500	18,000	18,000
5686 TRAINING & DEVELOPMENT	20,187	106,000	106,000	106,000
5687 SUBSCRIPTIONS/PUBLICATIONS	2,239	500	500	500
<b>Total SUPPORT EXPENSES</b>	<b>606,688</b>	<b>782,895</b>	<b>787,700</b>	<b>787,700</b>
<b>Total INFORMATION TECHNOLOGY</b>	<b>7,874,167</b>	<b>8,937,475</b>	<b>9,018,880</b>	<b>9,395,980</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>INFORMATION TECHNOLOGY</b>						
5501 - Administrative Assistant	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Database Administrator	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Director of IT	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Infrastructure Manager	0.00	0.00	1.00	0.00	1.00	1.00
5501 - IT Applications Manager	0.00	1.00	1.00	1.00	1.00	1.00
5501 - IT Application Specialist Senior	0.00	1.00	0.00	1.00	0.00	0.00
5501 - IT Customer Experience Analyst	0.00	0.00	0.00	0.00	1.00	1.00
5501 - IT Infrastructure Analyst	0.00	1.00	1.00	1.00	1.00	1.00
5501 - IT Project Manager	0.00	0.00	0.00	0.00	1.00	1.00
5501 - IT Senior Support Analyst	0.00	3.00	2.00	3.00	2.00	2.00
5501 - IT Service Delivery Analyst Senior	0.00	1.00	0.00	1.00	0.00	0.00
5501 - IT Service Delivery Manager	0.00	1.00	1.00	1.00	1.00	1.00
5501 - IT Support Analyst	0.00	1.00	3.00	1.00	3.00	3.00
5501 - Programmer/Analyst	0.00	0.00	1.00	0.00	1.00	1.00
5501 - Records Mgmt Administrator	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Records Mgmt Specialist I	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Records Mgmt Specialist II	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Senior Business Intell Solution Architect	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Senior IT Operations Manager	0.00	0.00	1.00	0.00	1.00	1.00
5501 - Senior Programmer/Analyst	0.00	5.00	1.00	5.00	2.00	2.00
5501 - Systems Administrator	0.00	1.00	1.00	1.00	1.00	1.00
5501 - Systems Administrator Senior	0.00	0.00	0.00	1.00	1.00	1.00
5502 - Infrastructure and Cybersecurity Manager	0.00	1.00	0.00	1.00	0.00	0.00
5502 - IT Cybersecurity Analyst	0.00	1.00	1.00	2.00	2.00	2.00
5502 - IT Systems Architect	0.00	2.00	0.00	2.00	0.00	0.00
5502 - Senior Cybersecurity Manager	0.00	0.00	0.00	0.00	1.00	1.00
5502 - Senior IT Systems Architect	0.00	1.00	0.00	1.00	1.00	1.00
5503 - Administrative Analyst	0.00	1.00	1.00	1.00	1.00	1.00
5503 - Administrative Assistant	0.00	0.00	1.00	0.00	1.00	1.00
5503 - IT Business Analyst	0.00	1.00	1.00	1.00	1.00	1.00
5503 - Senior IT Enterprise Architect Manager	0.00	0.00	1.00	0.00	1.00	1.00
5505 - Senior IT Manager	0.00	1.00	0.00	1.00	0.00	0.00
<b>Total Information Technology</b>	<b>0.00</b>	<b>30.00</b>	<b>25.00</b>	<b>32.00</b>	<b>32.00</b>	<b>32.00</b>

# Office of the CEO

## *Description of Operations*

The Chief Executive Office is responsible for ensuring the mission of Metro Water Recovery is achieved by leading the Executive Leadership and Senior Management Teams.

The Office of the CEO is the point of contact for the 40-member Board of Directors. It provides information for executive-level and Board decision making and organizes monthly Standing Committee, Board, and Special Purpose meetings.

The Office of the CEO 2023 Revised Budget increased by 3.7% compared to the 2023 Budget. The 2024 Budget is increasing by 1.5% compared to the 2023 Budget. These changes are due to an increase in Personnel and a decrease in Materials and Supplies.

## *Budget Summary*

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 1,635,500	\$ 1,709,400	\$ 73,900	\$ 1,780,100	\$ 144,600
Materials & Fuels	27,600	15,500	(12,100)	15,500	(12,100)
Outside Services	385,000	400,000	15,000	300,000	(85,000)
Support Expenses	392,575	405,375	12,800	382,000	(10,575)
<b>Total Office of the CEO</b>	<b>\$ 2,440,675</b>	<b>\$ 2,530,275</b>	<b>\$ 89,600</b>	<b>\$ 2,477,600</b>	<b>\$ 36,925</b>

## *Personnel Summary*

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Office of the CEO Staff	5.00	7.00	2.00	7.00	2.00

## *2022 Highlights*

- 12 Board of Directors Meetings
- 23 Standing Committee Meetings
- 12 Officers Meetings
- 12 Executive Committee Meetings
- 14 Special Purpose Committee Meetings
- 8 Retirement Board Meetings
- 2 Semiannual Board Workshops
- 1 Budget Workshop
- 21 Senior Management Team Meetings
- 1 New Director Orientation
- 12 Steering Committee Meetings
- 2 Town Halls

METRO WATER RECOVERY

DEPARTMENT SUMMARY

**OFFICE OF THE CEO**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
OFFICE OF THE CEO	1,887,934	2,322,675	2,379,275	2,321,600
BOARD OF DIRECTORS/RETIREMENT BOARD	125,302	118,000	151,000	156,000
<b>Total OFFICE OF THE CEO</b>	<b><u>2,013,236</u></b>	<b><u>2,440,675</u></b>	<b><u>2,530,275</u></b>	<b><u>2,477,600</u></b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**OFFICE OF THE CEO**

		<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>					
5101	REGULAR WAGES	1,052,901	1,082,500	1,119,100	1,175,300
5108	EMPLOYEE INCENTIVE PAY	2,000	-	-	-
5109	BENEFITS	503,590	530,200	567,500	582,000
5110	CAR ALLOWANCE	22,800	22,800	22,800	22,800
Total PERSONNEL		1,581,291	1,635,500	1,709,400	1,780,100
<b>MATERIALS &amp; FUELS</b>					
5213	MATERIALS & SUPPLIES	11,599	27,600	15,500	15,500
Total MATERIALS & FUELS		11,599	27,600	15,500	15,500
<b>OUTSIDE SERVICES</b>					
5549	OS - OTHER	27,152	305,000	300,000	200,000
5570	DIRECTORS ALLOWANCE	78,170	80,000	100,000	100,000
Total OUTSIDE SERVICES		105,322	385,000	400,000	300,000
<b>SUPPORT SERVICES</b>					
5610	MEMBERSHIPS	205,847	253,575	253,375	225,000
5660	CATERING SERVICES	33,171	22,000	35,000	40,000
5685	MEETINGS & CONFERENCES	48,779	100,000	105,000	105,000
5686	TRAINING & DEVELOPMENT	25,382	17,000	12,000	12,000
5687	SUBSCRIPTIONS/PUBLICATIONS	1,845	-	-	-
Total SUPPORT EXPENSES		315,024	392,575	405,375	382,000
<b>Total OFFICE OF THE CEO</b>		<b>2,013,236</b>	<b>2,440,675</b>	<b>2,530,275</b>	<b>2,477,600</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>OFFICE OF THE CEO</b>						
0055 - Administrative Assistant	1.00	0.00	0.00	0.00	0.00	0.00
0055 - Administrative Assistant Senior	0.00	1.00	1.00	1.00	1.00	1.00
0055 - Assistant to the CEO	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Chief Executive Officer	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Chief Technical Officer	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Executive Assistant	1.00	1.00	1.00	1.00	1.00	1.00
0055 - Chief Financial Officer	0.00	1.00	1.00	1.00	1.00	1.00
0055 - Deputy CEO/Chief Operating Officer	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Office of the CEO</b>	<b>5.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>

# Office of the General Counsel

## *Description of Operations*

The Office of the General Counsel is responsible for managing the legal needs and providing advice to Metro Water Recovery. In addition, the Office of the General Counsel coordinates and oversees outside legal counsel working on behalf of Metro.

The Office of the General Counsel 2023 Revised Budget increased by 14.6% compared to the 2023 Budget. The 2024 Budget is increasing by 20.2% compared to the 2023 Budget. This budget increase is due to an increase in personnel and support expenses.

## *Budget Summary*

<b>Category</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>Variance 2023B/2023R</b>	<b>2024 Budget</b>	<b>Variance 2023B/2024B</b>
Personnel	\$ 639,200	\$ 863,200	\$ 224,000	\$ 898,500	\$ 259,300
Materials & Fuels	700	700	-	1,000	300
Outside Services	900,000	900,000	-	950,000	50,000
Support Expenses	36,200	42,500	6,300	45,500	9,300
<b>Total Office of General Counsel</b>	<b>\$ 1,576,100</b>	<b>\$ 1,806,400</b>	<b>\$ 230,300</b>	<b>\$ 1,895,000</b>	<b>\$ 318,900</b>

## *Personnel Summary*

	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>Variance 2023B/2023R</b>	<b>2024 Budget</b>	<b>Variance 2023B/2024B</b>
Total Office of the General Counsel Staff	3.00	4.00	1.00	4.00	1.00

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY OBJECT

**OFFICE OF THE GENERAL COUNSEL**

		<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
DETAIL					
PERSONNEL					
5101	REGULAR WAGES	407,916	426,000	569,000	596,800
5108	EMPLOYEE INCENTIVE PAY	5,500	-	-	-
5109	BENEFITS	195,327	208,400	288,200	295,700
5110	CAR ALLOWANCE	6,000	4,800	6,000	6,000
Total PERSONNEL		614,743	639,200	863,200	898,500
MATERIALS & FUELS					
5213	MATERIALS & SUPPLIES	2,403	700	700	1,000
Total MATERIALS & FUELS		2,403	700	700	1,000
OUTSIDE SERVICES					
5525	OS - LEGAL	345,848	500,000	500,000	550,000
5549	OS - OTHER	204	400,000	400,000	400,000
Total OUTSIDE SERVICES		346,052	900,000	900,000	950,000
SUPPORT SERVICES					
5610	MEMBERSHIPS	4,642	5,200	6,500	6,500
5685	MEETINGS & CONFERENCES	15,645	15,000	20,000	22,000
5686	TRAINING & DEVELOPMENT	4,090	2,000	2,000	3,000
5687	SUBSCRIPTIONS/PUBLICATIONS	12,224	14,000	14,000	14,000
Total SUPPORT EXPENSES		36,601	36,200	42,500	45,500
<b>Total OFFICE OF THE GENERAL COUNSEL</b>		<b>999,799</b>	<b>1,576,100</b>	<b>1,806,400</b>	<b>1,895,000</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>OFFICE OF THE GENERAL COUNSEL</b>						
0900 - Administrative Analyst	1.00	1.00	1.00	1.00	1.00	1.00
0900 - Associate General Counsel	1.00	1.00	1.00	1.00	2.00	2.00
0900 - General Counsel	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Office of the General Counsel</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>4.00</b>	<b>4.00</b>

# Strategy and Communications Department

## Description of Operations

The Strategy and Communication Department (StratComm) is the point of contact for 61 Member and Special Connectors. It is responsible for developing engagement strategies for Connectors, employees, general public, and legislators, including education programs and monitoring decision-making at the Colorado General Assembly. StratComm is responsible for the program development and management of continuous improvement (CI) programs. StratComm is responsible for leading the development and implementation of Metro Water Recovery's strategic plan.

The StratComm 2023 Revised Budget increased 22.6% as compared to the 2023 Budget. The 2024 Budget is increasing by 34.8% compared to the 2023 Budget. This is due to an increase in materials & supplies, personnel, outside services, and support services to support the expansion of digital, community engagement, and education programs, and providing training for team members in the area of project management.

## Budget Summary

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 1,657,400	\$ 2,045,100	\$ 387,700	\$ 2,200,500	\$ 543,100
Materials & Fuels	9,500	12,000	2,500	11,000	1,500
Outside Services	170,000	191,000	21,000	191,000	21,000
Support Expenses	62,300	79,800	17,500	157,950	95,650
<b>Total Strategy &amp; Communication</b>	<b>1,899,200</b>	<b>2,327,900</b>	<b>428,700</b>	<b>2,560,450</b>	<b>661,250</b>

## Personnel Summary

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Strategy & Communication	11.00	13.00	2.00	14.00	3.00

## 2022 Highlights

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Launched <a href="#">PFAS education</a> &amp; <a href="#">Stewardship campaigns</a></li> <li>Received three NACWA awards</li> <li>Hosted 21 onsite tours</li> <li>Launched virtual education reaching approximately 500 students</li> <li>Hosted professional development class for nine teachers titled <i>Wastewater and Aquatic Biology</i></li> <li>26 CI Program projects prioritized &amp; 5 new business case evaluations developed</li> <li>Launched the Strategic Plan Update</li> <li>Launched <a href="#">Transforming Wastewater</a></li> </ul> | <ul style="list-style-type: none"> <li>Finalized Enterprise Continuous Improvement Framework</li> <li>35 employees featured in 6 <i>Meet the Teams</i></li> <li>49 employee newsletters, 359 articles</li> <li>40 internal videos created resulting in 1,031 views</li> <li>28 communication presentations to 386 employees</li> <li>22,000 unique visitors to <a href="#">Metro's website</a></li> <li>208 original <a href="#">Facebook</a> posts resulting in 591 new followers and a reach of 373,236</li> <li>153 original <a href="#">LinkedIn</a> page updates resulting in 630 new followers</li> <li>32 bills actively managed for 2022 regular session</li> <li>4 connector events (annual charges &amp; PFAS)</li> </ul> |
|--|---|

METRO WATER RECOVERY

DEPARTMENT SUMMARY

**STRATEGY AND COMMUNICATION**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
MANAGEMENT	438,182	566,750	409,650	508,250
INTERNAL COMMUNICATIONS	445,379	599,650	632,800	651,650
PUBLIC INFORMATION & EDUCATION	499,169	500,650	551,450	568,950
GOVERNMENT AFFAIRS	232,254	232,150	257,500	265,900
CONTINUOUS IMPROVEMENT	-	-	476,500	565,700
<b>Total STRATEGY AND COMMUNICATION</b>	<b>1,614,984</b>	<b>1,899,200</b>	<b>2,327,900</b>	<b>2,560,450</b>

METRO WATER RECOVERY

SUMMARY OF EXPENSES BY OBJECT

**STRATEGY AND COMMUNICATION**

	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>PERSONNEL</b>				
5101 REGULAR WAGES	895,864	1,109,100	1,345,600	1,467,300
5109 BENEFITS	477,581	543,500	682,700	727,400
5108 EMPLOYEE INCENTIVE PAY	-	-	12,000	1,000
5110 CAR ALLOWANCE	4,800	4,800	4,800	4,800
Total PERSONNEL	1,378,245	1,657,400	2,045,100	2,200,500
<b>MATERIALS &amp; FUELS</b>				
5213 MATERIALS & SUPPLIES	9,066	9,500	12,000	11,000
Total MATERIALS & FUELS	9,066	9,500	12,000	11,000
<b>OUTSIDE SERVICES</b>				
5549 OS - OTHER	202,074	170,000	191,000	191,000
Total OUTSIDE SERVICES	202,074	170,000	191,000	191,000
<b>SUPPORT SERVICES</b>				
5610 MEMBERSHIPS	6,774	2,750	8,100	8,100
5685 MEETINGS & CONFERENCES	13,763	37,200	46,900	47,150
5686 TRAINING & DEVELOPMENT	2,216	20,000	20,000	90,500
5687 SUBSCRIPTIONS/PUBLICATIONS	2,846	2,350	4,800	12,200
Total SUPPORT EXPENSES	25,599	62,300	79,800	157,950
<b>Total STRATEGY AND COMMUNICATION</b>	<b>1,614,984</b>	<b>1,899,200</b>	<b>2,327,900</b>	<b>2,560,450</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>STRATEGY &amp; COMMUNICATION</b>						
0080 - Communication Analyst	0.00	0.00	0.00	1.00	1.00	1.00
0080 - Communication Specialist	2.00	1.00	1.00	1.00	1.00	1.00
0080 - Communications Specialist Senior	0.00	1.00	1.00	1.00	1.00	1.00
0080 - Senior Communications Manager	1.00	1.00	1.00	1.00	1.00	1.00
0081 - Public Information Specialist	2.00	2.00	2.00	2.00	2.00	2.00
0081 - Senior Public Information Manager	1.00	1.00	1.00	1.00	1.00	1.00
0082 - Governmental Affairs Liaison	1.00	1.00	1.00	1.00	1.00	1.00
0083 - Continuous Improvement Analyst	0.00	0.00	0.00	0.00	1.00	1.00
0083 - Continuous Improvement Specialist	0.00	1.00	0.00	1.00	1.00	1.00
0083 - Senior Continuous Improvement Manager	0.00	0.00	1.00	0.00	1.00	1.00
0200 - Administrative Assistant	0.00	0.00	0.00	0.00	0.00	1.00
0200 - Business Process Improvement Lead	1.00	1.00	0.00	1.00	0.00	0.00
0200 - Community Relations Liaison	0.00	0.00	0.00	0.00	1.00	1.00
0200 - Director of Strategy and Communication	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Strategy &amp; Communication Department</b>	<b>9.00</b>	<b>10.00</b>	<b>9.00</b>	<b>11.00</b>	<b>13.00</b>	<b>14.00</b>

# Technology and Innovation Department

## Description of Operations

The Technology and Innovation Department (TID) comprises groups of specialists in instrumentation, laboratory and analysis methods, data analytics, and process engineering. The staff provide technical assistance in the areas of data collection and utilization, treatment process optimization, and technology adoption and application. To these means, the Department collaborates with partner utilities, academics, and subject matter experts to study, understand, and implement emerging technologies and practices. To mitigate risk while applying newer practices and systems, the Department manages and executes research and pilot testing to validate solutions and establish design criteria prior to implementation.

The Technology and Innovation Department 2023 Revised Budget increased by 7.1% compared to the 2023 Budget. The 2024 Budget is increasing by 10.4% compared to the 2023 Budget. This is due to an increase in personnel costs, materials and supplies, and outside services, and support services.

## Budget Summary

Category	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Personnel	\$ 3,335,899	\$ 3,580,000	\$ 244,101	\$ 3,725,900	\$ 390,001
Materials & Fuels	346,974	373,680	26,706	392,364	45,390
Outside Services	255,000	266,500	11,500	228,575	(26,425)
Support Expenses	71,753	75,900	4,147	79,950	8,197
<b>Total Technology &amp; Innovation</b>	<b>\$ 4,009,626</b>	<b>\$ 4,296,080</b>	<b>\$ 286,454</b>	<b>\$ 4,426,789</b>	<b>\$ 417,163</b>

## Personnel Summary

	2023 Budget	2023 Revised	Variance 2023B/2023R	2024 Budget	Variance 2023B/2024B
Total Technology & Innovation Staff	22.00	22.00	-	22.00	-

## 2022 Highlights

- Support of two per- and polyfluoroalkyl substances (PFAS) focused Water Research Foundation (WRF) studies to further industry understanding of source, fate, and transport of these contaminants of concern
- Conducted thickening centrifuge pilot to evaluate future technology alternatives to dissolve air flotation for WAS thickening as equipment reaches the end of useful life
- Initiated effort to improve workflow for additions and modifications of instrumentation
- Utilization of Altyrx data blending and analysis tool to auto generate discharge monitoring reports
- Conducted study to determine approach to temperature regulations at NTP
- Continued evaluation of sludge densification to achieve low-cost increase in secondary treatment capacity at RWHTF and improve water quality
- Initiated development of in-house qPCR

METRO WATER RECOVERY  
SUMMARY OF EXPENSES BY OBJECT

<b>TECHNOLOGY AND INNOVATION</b>		<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Revised</b>	<b>2024 Adopted</b>
<b>ACCOUNT</b>					
<b>PERSONNEL</b>					
5101	REGULAR WAGES	1,852,403	2,185,000	2,316,100	2,432,000
5103	TEMPORARY WAGES	351	-	-	-
5106	INTERN WAGES	46,349	75,000	75,000	75,000
5108	EMPLOYEE INCENTIVE PAY	11,250	-	10,000	10,000
5109	BENEFITS	937,345	1,071,099	1,174,100	1,204,100
5110	CAR ALLOWANCE	4,800	4,800	4,800	4,800
<b>Total PERSONNEL</b>		<b>2,852,498</b>	<b>3,335,899</b>	<b>3,580,000</b>	<b>3,725,900</b>
<b>MATERIALS &amp; FUELS</b>					
5213	MATERIALS & SUPPLIES	284,823	346,974	373,680	392,364
<b>Total MATERIALS &amp; FUELS</b>		<b>284,823</b>	<b>346,974</b>	<b>373,680</b>	<b>392,364</b>
<b>OUTSIDE SERVICES</b>					
5549	OS - OTHER	24,835	230,000	241,500	203,575
5556	OS - MAINTENANCE	6,061	25,000	25,000	25,000
<b>Total OUTSIDE SERVICES</b>		<b>30,896</b>	<b>255,000</b>	<b>266,500</b>	<b>228,575</b>
<b>SUPPORT SERVICES</b>					
5610	MEMBERSHIPS	2,767	4,753	4,900	4,950
5685	MEETINGS & CONFERENCES	56,653	50,000	54,000	57,000
5686	TRAINING & DEVELOPMENT	19,095	15,000	15,000	16,000
5687	SUBSCRIPTIONS/PUBLICATIONS	40	2,000	2,000	2,000
<b>Total SUPPORT EXPENSES</b>		<b>78,555</b>	<b>71,753</b>	<b>75,900</b>	<b>79,950</b>
<b>Total TECHNOLOGY AND INNOVATION</b>		<b>3,246,772</b>	<b>4,009,626</b>	<b>4,296,080</b>	<b>4,426,789</b>

2022 Through 2024

By Department at Year End

	2022		2022	2023		2024
	Budget	Revised	Actual	Budget	Revised	Adopted
<b>TECHNOLOGY &amp; INNOVATION</b>						
0070 - Administrative Analyst	0.00	2.00	1.00	1.00	1.00	1.00
0070 - Associate Data Analytics Engineer	0.00	2.00	2.00	2.00	2.00	2.00
0070 - Director of Technology and Innovation	1.00	1.00	1.00	1.00	1.00	1.00
0070 - Engineer Associate	1.00	1.00	1.00	1.00	1.00	1.00
0070 - Principal Engineer	0.00	0.00	1.00	1.00	1.00	1.00
0070 - Senior Analytical Solutions Manager	0.00	0.00	0.00	1.00	1.00	1.00
0070 - Senior Data Analytics Engineer	0.00	1.00	1.00	1.00	1.00	1.00
0070 - Senior Engineer	5.00	2.00	2.00	2.00	3.00	3.00
0070 - Senior Wastewater Process Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00
0070 - Staff Engineer	0.00	0.00	1.00	1.00	1.00	1.00
0071 - In-Line Instrument Spec I	0.00	2.00	2.00	2.00	2.00	2.00
0071 - In-Line Instrument Spec II	0.00	4.00	4.00	4.00	4.00	4.00
0071 - In-Line Instrument Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
0071 - Laboratory Support Specialist	0.00	3.00	0.00	2.00	1.00	1.00
0071 - Wastewater Process Analytical Support Supervisor	0.00	1.00	1.00	1.00	1.00	1.00
<b>Total Technology &amp; Innovation Department</b>	<b>8.00</b>	<b>21.00</b>	<b>19.00</b>	<b>22.00</b>	<b>22.00</b>	<b>22.00</b>

**CHANGES IN TRUST FUND BALANCE  
2023 and 2024**

**General Fund**

	2023		2024
	Budget	Revised	Adopted
<b>BALANCE, January 1</b>	<b>\$ 186,487,759</b>	<b>219,366,553</b>	<b>172,134,889</b>
Investment Income	1,864,878	4,387,331	1,721,349
<b>DISBURSEMENTS:</b>			
New Equipment/Vehicles >\$500,000	-	(550,000)	-
TOTAL DISBURSEMENTS	-	(550,000)	-
<b>TRANSFER (TO)/FROM OTHER FUNDS</b>			
O&M Revenue Fund	17,143,487	12,627,308	11,251,397
Investment Income to O&M Revenue Fund	(1,864,878)	(4,387,331)	(1,721,349)
F/A Replacement Fund	(61,213,050)	(57,290,272)	(64,960,000)
Capital Project Account	(5,102,252)	(2,018,700)	(7,418,246)
NET FUND TRANSFERS	(51,036,693)	(51,068,995)	(62,848,198)
<b>BALANCE, December 31</b>	<b>\$ 137,315,944</b>	<b>172,134,889</b>	<b>111,008,040</b>

**CHANGES IN TRUST FUND BALANCE  
2023 and 2024**

**Capital Project Account**

	2023		2024
	Budget	Revised	Adopted
<b>BALANCE, January 1</b>	\$ -	-	-
<b>TRANSFERS:</b>			
Sewer Connection Charge Fund Transfer	28,003,748	33,109,300	31,674,754
Future Transfers (to) from General Fund	5,102,252	2,018,700	7,418,246
<b>TOTAL TRANSFERS</b>	<b><u>33,106,000</u></b>	<b><u>35,128,000</u></b>	<b><u>39,093,000</u></b>
<b>DISBURSEMENTS:</b>			
Small Projects	(1,500,000)	(1,500,000)	(2,500,000)
Denver Water Lead Pipe Participation OCCT	(750,000)	(750,000)	(750,000)
Capital Projects	(30,856,000)	(32,878,000)	(35,843,000)
<b>TOTAL DISBURSEMENTS</b>	<b><u>(33,106,000)</u></b>	<b><u>(35,128,000)</u></b>	<b><u>(39,093,000)</u></b>
<b>BALANCE, December 31</b>	<b><u><u>\$ -</u></u></b>	<b><u><u>-</u></u></b>	<b><u><u>-</u></u></b>

**General Fund - Capital Expenditures  
2023 and 2024**

	<b>PAR #</b>	<b>DESCRIPTION</b>	<b>2023</b>	<b>2024</b>
43	1088	NTP Facilities	300,088	-
98	1411	North Secondary Upgrades & Intensification	1,286,076	928,748
123		Aquatic Life/Habitat Improvements - Phase V	273,750	356,250
170	1235	RR&R Maintenance Shop Expansion and Relocation	126,671	34,781
258		Facility Plan Update - Future	928,125	928,125
377		Land Acquisition RWHTF	92,500	-
412	1225	SP Headworks and Grease Processing Improvements	70,958	-
426	1182	Suncor Mgmt of Air Quality/Soil Contamination	30,000	25,000
479	1232	Second Creek Int and Sand Creek Int Sys Imp	1,760,306	-
497	1244	Solids Processing Building Improvements and Fixed Assets Replacement	2,103,944	1,178,811
505	1265	Electrical Transmission Service Substation	5,586,092	9,458,838
550		TSB Relocation	130,500	-
583	1333	TU-8 Load Center & Transformer Replacement	26,385	-
605	1314	RWHTF Peracetic Acid Project	171,112	-
638		Delgany Interceptor System Odor Control	187,500	609,375
644	1395	Cogeneration Equipment Replacement	9,376,032	11,539,016
655	1353	TSB Annex and Lab Storage Repurpose	21,819	-
658		NTP Supplemental Improvements	187,500	215,625
664	1356	Property Acquisition Near RWHTF 2019-2022	70,773	629,556
665	1359	Evaluate and Enhance Metro District's Brand Identity	11,065	-
666	1357	Blower No. 8 Replacement	17,836	-
673	1404	Solids Improvement Evaluation	119,913	373,003
694		Grouped IT Infrastructure	172,500	178,125
695		Grouped IT Customer Experience	144,375	150,000
707	1400	RWHTF Peracetic Acid Project 2	6,271,886	8,635,856
719	1402	Ditch Compaines Kitigation	13,592	253,409
724	1416	NTP Effluent Temperature	2,097,563	1,593,089
726		2022 Strategic Plan Update	56,250	-
733	1424	IT Customer Experience 2022	-	50,000
739	1431	NTP Wastewater Utility Plan	-	351,000
422		Future Process Optimization Efforts	140,625	159,375
541	1373	Innovation and Research Initiatives - Future	30,487	13,192
645	1374	Facilities Maintenance Satellite Facility Improvements	22,500	-
679	1385	NTP Post Start-Up Evaluation	90,835	70,815
680		METROGRO Farm Grazing Infrastructure Study	-	50,000
686		Support Facilities Evaluation	50,710	-
696	1375	Transformer and ArcFlash Reduction Maintenance Standardization	15,380	-
698	1386	Legal One	48,711	33,083
699	1376	Legal Laboratory Audit	56,250	-
700	1387	Legal Two	54,716	44,581
705	1390	Aeration Control Strategy Review and Implementation	56,250	30,424
710	1398	Effluent Temperature Compliance Study	46,959	-

**General Fund - Capital Expenditures  
2023 and 2024**

	<b>PAR #</b>	<b>DESCRIPTION</b>	<b>2023</b>	<b>2024</b>
713	1403	Continuous Improvement Framework	56,250	35,192
722	1410	Process Optimization 2021	51,217	27,656
727	1420	PFAS in Biolsolids Study	-	42,261
731	1422	Dissolved Organic Nutrients Evaluation	-	24,277
734	1427	Payment Optimization	-	15,000
736	1426	Phosphorous Recovery Facility Reliability Improvements	-	23,837
737		Asbestos Containing Materials Survey	-	25,000
738		Cost Estimating	-	33,750
740	1428	Community Relations Program	-	119,700
742	1430	2022 Process Optimization	-	25,000
743		Security Srevices Evaluation	-	56,250
744	1432	NTP Discharger and Connector Study	-	25,000
<b>Total General Fund - Capital Expenditures</b>			<b>32,356,000</b>	<b>38,343,000</b>

**CHANGES IN TRUST FUND BALANCE  
2023 and 2024**

**Fixed Asset Replacement Fund**

	2023		2024
	Budget	Revised	Adopted
<b>BALANCE, January 1</b>	\$ -	-	-
RECEIPTS:			
Investment Income	-	-	-
<b>TOTAL RECEIPTS</b>	<u>-</u>	<u>-</u>	<u>-</u>
DISBURSEMENTS:			
Capital Projects - Renewals & Replacements	(58,703,000)	(55,201,000)	(60,577,000)
Small FARF Projects	(1,000,000)	(1,000,000)	(1,000,000)
Replacement Equipment & Vehicles ≥ \$500,000	(450,000)	-	(650,000)
Replacement Equipment & Vehicles ≤ \$500,000	(1,060,050)	(1,089,272)	(2,733,000)
<b>TOTAL DISBURSEMENTS</b>	<u>(61,213,050)</u>	<u>(57,290,272)</u>	<u>(64,960,000)</u>
TRANSFERS (TO)/FROM OTHER FUNDS			
General Fund	59,703,000	56,201,000	61,577,000
Replacement Equipment & Vehicles	1,510,050	1,089,272	3,383,000
<b>NET FUND TRANSFERS</b>	<u>61,213,050</u>	<u>57,290,272</u>	<u>64,960,000</u>
<b>BALANCE, December 31</b>	\$ <u>-</u>	<u>-</u>	<u>-</u>

**Fixed Asset Replacement Fund - Capital Expenditures  
2023 and 2024**

PAR #	DESCRIPTION	2023	2024
56	Future Structure Rehabilitation	-	187,500
59	Future Interceptor Rehabilitation	-	2,058,750
98	NS Blower and Aeration Improvements	11,574,776	
170	1235 RWHTF Support Facility Upgrade	54,288	14,906
318	1413 TWHTF Conduit Study	434,531	489,064
367	1259 Digester Complex Rehabilitation SP Headworks and Grease Processing	140,931	-
412	1225 Improvements	165,568	-
440	1382 North Complex Natural Gas	375,000	192,864
442	1202 HID Lighting Improvements	63,013	-
486	1369 TSB Internal Improvements and Fixed Assets Replacement	193,228	78,224
497	1244 Solids Processing Building Improvements and Fixed Assets Replacement	3,155,916	1,768,217
499	1368 Cogen Rehabilitation and Management	30,658	-
505	1265 Electrical Transmission Service Substation	10,374,171	16,637,665
550	TSB Relocation	87,000	-
583	1333 Transformer 8 Replacement	61,564	-
593	1340 Force Main and Siphon Condition Assessment	1,515,530	230,961
600	1309 Payroll and Human Resources Software Upgrade 2017	94,481	-
602	1312 Lift Station Improvements (Thornton-N Washington & Denargo-Market)	7,143,016	15,049,463
612	1325 Diversion and Metering Facilities Grating Condition Assessment & Imp	300,899	493,943
635	1343 National Western Center Delgany Interceptor Relocation	196,835	108,000
657	Annual FARS Priorities	3,645,000	-
658	NTP Supplemental Improvements	187,500	215,625
668	1392 RWHTF HVAC High Priority Improvements	771,058	2,745,827
674	1363 Interceptor Rehabilitation 2020-2022	14,292,169	2,714,786
685	1364 ITInfr_District Wireless Infrastructure	258,341	493,137
694	Grouped IT Infrastructure	172,500	178,125
695	Grouped IT Customer Experience	144,375	150,000
701	1379 2020 Annual FARS Priorities	2,937,451	6,122,769
712	1396 NTP Pri Clarifier Cover Damage	100,000	2,126,714
716	1406 IT Infrastructure 2021	16,541	-
718	1415 EAM Business Process and Mobile	506,250	1,067,715
720	1408 10-Inch Potable Water Line Replacement	306,866	296,982
721	1409 IT Customer Experience 2021	84,375	31,722
730	1419 IT Infrastructure 2022	-	60,500
735	1425 Aurora Westside Interceptor Rehab	-	4,581,900
746	NTP Post Aerobic Digestion	-	3,218,063
462	1391 Boardroom Audio Visual Refresh	11,928	11,440
625	1350 Radio System Upgrade	15,612	-
645	1374 Facilities Maintenance Satelite Facility Improvements	33,750	-
696	1375 Transformer and ArcFlash Reduction Maintenance Standardization	15,379	-

**Fixed Asset Replacement Fund - Capital Expenditures  
2023 and 2024**

<b>PAR #</b>	<b>DESCRIPTION</b>	<b>2023</b>	<b>2024</b>
687	1372 Pretreatment Database (PIMs) Replacement	17,500	-
715	1405 Asset Management Implementation	56,250	42,397
723	1412 Admin Office Remodel 2021-2022	56,250	40,661
729	1423 Maintenance Equipment Organization	56,250	45,110
728	Transmission System Gates	56,250	56,250
741	1429 Labworks Upgrade	-	11,470
745	Admin and TSB Door Hardware and Re-Core	-	56,250
<b>Total Fixed Asset Replacement Fund</b>		<b>59,703,000</b>	<b>61,577,000</b>

**CHANGES IN TRUST FUND BALANCE  
2023 and 2024**

**Acquisition & Construction Fund**

	2023		2024
	Budget	Revised	Adopted
<b>BALANCE, January 1</b>	<b>\$ 53,498,187</b>	<b>52,874,542</b>	<b>26,003,245</b>
RECEIPTS			
Bond Proceeds	-	-	150,000,000
Investment Income	354,482	196,703	917,492
TOTAL RECEIPTS	<b>354,482</b>	<b>196,703</b>	<b>150,917,492</b>
DISBURSEMENTS:			
Planned Project Expenditures	(36,100,000)	(27,068,000)	(26,295,200)
Bond Issuance Costs	-	-	(1,500,000)
TOTAL DISBURSEMENTS	<b>(36,100,000)</b>	<b>(27,068,000)</b>	<b>(27,795,200)</b>
<b>BALANCE, December 31</b>	<b>\$ 17,752,669</b>	<b>26,003,245</b>	<b>149,125,537</b>

**Acquisition and Construction Fund - Capital Expenditures  
2023 and 2024**

<b>PAR #</b>	<b>DESCRIPTION</b>	<b>2023</b>	<b>2024</b>
479	1232 Second Creek Int and Sand Creek Int Sys Imp	36,100,000	17,007,834
098	1411 North Secondary Upgrade	-	9,287,366
<b>Total Acquisition &amp; Construction Fund</b>		<b>36,100,000</b>	<b>26,295,200</b>

**CHANGES IN TRUST FUND BALANCE  
2023 and 2024**

**Restricted Sewer Connection Charge Account**

	2023		2024
	Budget	Revised	Adopted
<b>BALANCE, January 1</b>	<b>\$ 25,000,000</b>	<b>25,000,000</b>	<b>25,000,000</b>
RECEIPTS:			
Sewer Connection Charges	50,933,510	55,750,600	56,358,710
Interest Income	504,668	793,130	531,794
TOTAL RECEIPTS	<b>51,438,178</b>	<b>56,543,730</b>	<b>56,890,504</b>
TRANSFERS (TO)/FROM OTHER FUNDS			
Debt Service Fund	(23,434,430)	(23,434,430)	(25,215,750)
Capital Projects Account	(28,003,748)	(33,109,300)	(31,674,754)
NET FUND TRANSFERS	<b>(51,438,178)</b>	<b>(56,543,730)</b>	<b>(56,890,504)</b>
<b>BALANCE, December 31</b>	<b>\$ 25,000,000</b>	<b>25,000,000</b>	<b>25,000,000</b>

**CHANGES IN TRUST FUND BALANCE  
2023 and 2024**

**Debt Service Fund**

	2023		2024
	Budget	Revised	Adopted
<b>BALANCE, January 1</b>	<b>\$ 38,879,250</b>	<b>39,001,954</b>	<b>39,225,005</b>
Investment Income	318,810	159,908	321,645
<b>DISBURSEMENTS:</b>			
2009B Sewer Improvement Bonds			
Interest - due October 1	2,719,881	2,719,881	2,719,881
Principal - due April 1	-	-	-
Interest - due April 1	2,719,881	2,719,881	2,719,881
Build America Bonds (BABS) Credit	(1,795,393)	(1,795,393)	(1,795,393)
	<b><u>3,644,369</u></b>	<b><u>3,644,369</u></b>	<b><u>3,644,369</u></b>
2019A&B Sewer Refunding Bonds			
Interest - due October 1	4,741,770	4,741,770	4,208,655
Principal - due April 1	28,585,000	28,585,000	29,440,000
Interest - due April 1	5,251,015	5,251,015	4,741,770
	<b><u>38,577,785</u></b>	<b><u>38,577,785</u></b>	<b><u>38,390,425</u></b>
2020A Sewer Improvement Bonds			
Interest - due October 1	2,323,353	2,323,353	2,323,353
Principal - due April 1	-	-	-
Interest - due April 1	2,323,353	2,323,353	2,323,353
	<b><u>4,646,706</u></b>	<b><u>4,646,706</u></b>	<b><u>4,646,706</u></b>
2024 Sewer Improvement Bonds			
Interest - due October 1	-	-	3,750,000
Principal - due April 1	-	-	-
Interest - due April 1	-	-	-
	<b><u>-</u></b>	<b><u>-</u></b>	<b><u>3,750,000</u></b>
<b>TOTAL DISBURSEMENTS</b>	<b><u>46,868,860</u></b>	<b><u>46,868,860</u></b>	<b><u>50,431,500</u></b>
<b>TRANSFERS (TO)/FROM OTHER FUNDS:</b>			
O&M Revenue Principal & Interest	23,780,185	23,657,481	30,077,635
Sewer Connection Charge Account	23,434,430	23,434,430	25,215,750
A&C Transfer - Debt Service Reserve	-	-	-
O&M Revenue Investment Income	(318,810)	(159,908)	(321,645)
<b>NET FUND TRANSFERS</b>	<b><u>46,895,805</u></b>	<b><u>46,932,003</u></b>	<b><u>54,971,740</u></b>
<b>BALANCE, December 31</b>	<b>\$ <u>39,225,005</u></b>	<b><u>39,225,005</u></b>	<b><u>44,086,890</u></b>

**RESOLUTION  
BOARD OF DIRECTORS  
METRO WATER RECOVERY  
June 20, 2023**

WHEREAS, the proposed 2024 Annual Budget of Metro Water Recovery, hereinafter referred to as "Metro," has been prepared by the Chief Executive Officer with the advice and counsel of the Finance Committee of Metro's Board of Directors; and

WHEREAS, the Board of Directors duly published a notice concerning the proposed 2024 Annual Budget as required under C.R.S. § 29-1-108 and held a public hearing on May 16, 2023, on said Budget, as provided for in Section 901B of the 2009, 2012, 2019, and 2020 Bond Resolutions; and

WHEREAS, the Operations and Finance committees of Metro, after having reviewed the matter, recommend:

- adoption of 2024 Annual Charges for Service of \$155,211,122,
- adoption of the 2024 Annual Budget for all funds totaling \$178,730,098,
- adoption of 2024 Annual Charges for Service of \$155,211,122,
- adoption of the 2024 Operating Budget of \$119,986,098,
- adoption of 2024 budget for new and replacement equipment and vehicle purchases (greater than or equal to \$10,000 and less than or equal to \$500,000) of \$3,013,000, which will be funded as follows: \$280,000 from the Operations and Maintenance Fund and \$2,733,000 from the Fixed Asset Replacement (FAR) Fund),
- adoption of 2024 budget for the General Fund and FAR Fund Small Projects of \$3,500,000, which will be funded as follows: \$2,500,000 from the General Fund and \$1,000,000 from the FAR Fund,
- approving \$52,231,000 for the 2024 Debt Service Fund,
- approving all required internal fund transfers for the 2024 Annual Budget and cash flow requirements; and

WHEREAS, the Defined Benefit Plan Retirement Board recommends:

- contributing \$11,584,570 to Metro's Defined Benefit Retirement Plan on the first business day in January 2024, pursuant to the Actuarial Determined Contribution as of January 1, 2023; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees and the Defined Benefit Plan Retirement Board;

NOW, THEREFORE, BE IT RESOLVED the 2024 Annual Budget of \$178,730,098, as prepared by the Chief Executive Officer with the advice and counsel of the Finance Committee, be and hereby is adopted as the 2024 Annual Budget for Metro; and

BE IT FURTHER RESOLVED:

- The Annual Charges for Service for 2024 be and hereby are adopted at \$155,211,122; and
- The Operating Budget for 2024 be and hereby is adopted at \$119,986,098; and
- The new and replacement equipment and vehicle purchases (greater than or equal to \$10,000 and less than or equal to \$500,000) budget for 2024 be and hereby is adopted at \$3,013,000, which will be funded as follows: \$280,000 from the Operations and Maintenance Fund and \$2,733,000 from the Fixed Asset Replacement (FAR) Fund); and
- The General Fund and FAR Fund Small Projects budget be and hereby is adopted at \$3,500,000, which will be funded as follows: \$2,500,000 from the General Fund and \$1,000,000 from the FAR Fund; and
- The 2024 Debt Service Fund be and hereby is adopted at \$52,231,000; and
- All required internal fund transfers for the 2024 Annual Budget and cash flow requirements be and hereby are approved; and
- The contribution of \$11,584,570 to Metro's Defined Benefit Retirement Plan on the first day of January 2024, pursuant to the Actuarial Determined Contribution as of January 1, 2023, be and hereby is approved.

THIS IS A CERTIFIED AND TRUE  
COPY OF RESOLUTION ADOPTED

  
Andrew C. Johnston

**RESOLUTION  
BOARD OF DIRECTORS  
METRO WATER RECOVERY  
June 20, 2023**

WHEREAS, the Chief Executive Officer of Metro Water Recovery, hereinafter referred to as "Metro," with the advice and counsel of the Finance Committee of Metro's Board of Directors, prepared an Annual Budget for the fiscal year beginning January 1, 2024; and

WHEREAS, the Operations, Finance, and Executive committees recommend adoption of the proposed 2024 Annual Budget; and

WHEREAS, the Board of Directors further reviewed said proposed Budget to determine its adequacy to meet the obligations of Metro Water Recovery for the fiscal year 2024 and, having found the 2024 estimated revenues and expenditures reasonable, adopted said Budget on June 20, 2023; and

WHEREAS, it is incumbent upon the Board of Directors to appropriate the necessary amounts for the purposes set forth in the adopted 2024 Annual Budget;

NOW, THEREFORE, BE IT RESOLVED \$178,730,098 be and hereby is appropriated as set forth in the 2024 Annual Budget Appropriation Summary attached hereto and made a part hereof.

**THIS IS A CERTIFIED AND TRUE  
COPY OF RESOLUTION ADOPTED**





**6450 York Street, Denver, CO 80229**  
**303-286-3000 (main) 303-286-3030 (fax)**

Northern Treatment Plant, 51 Baseline Road, Brighton, CO 80603  
Robert W. Hite Treatment Facility, 6450 York Street, Denver, CO 80229  
METROGRO Farm, 5234 South County Road 245, Deer Trail, CO 80105

**[www.metrowaterrecovery.com](http://www.metrowaterrecovery.com)**