



2025

METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI

OPERATING BUDGET REQUEST

10/31/24

Hamilton County

- Commissioner Alicia Reece, President
- Commissioner Denise Driehaus, Vice President
- Commissioner Stephanie Summerow Dumas
- Jeff Aluotto, County Administrator



City of Cincinnati

- Mayor Aftab Pureval
- Sheryl M. M. Long, City Manager



Metropolitan Sewer District of Greater Cincinnati

Leadership

- Diana Christy, Executive Director
- Reese Johnson, Deputy Director
- Jenny Richmond, Deputy Director
- Ryan Welsh, Deputy Director

Managing & Contributing Staff

- Amanda Gray, Superintendent, Wastewater Administration, MSD
- Scott Bessler, Interim Superintendent, Compliance Services, MSD
- Scott Maring, Superintendent, Wastewater Treatment, MSD
- Aly Ouermi, Superintendent, Wastewater Treatment, MSD
- David Raffenberg, Superintendent, Wastewater Engineering, MSD
- Todd Trabert, Superintendent, Wastewater Collection, MSD
- Ian McCoy, Division Manager, IT, MSD
- Lauren DeGoricia, Assistant Superintendent, Office of the Director, MSD
- Joseph Schuster, Supervising Management Analyst, MSD
- Deb Leonard, Communications Manager, MSD
- Eric Evers, Graphic Designer, MSD



MISSION STATEMENT

MSD collects and treats wastewater from Greater Cincinnati communities, protecting the environment and public health by returning clean water to local rivers and streams.





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Basis of Budgeting

The Metropolitan Sewer District of Greater Cincinnati (MSD), operated and managed by the City of Cincinnati per the 1968 Agreement, follows the City's standards for the basis of its budgeting and financial reporting. Those standards are detailed in this section.

The budget for the City of Cincinnati is prepared on a cash basis, with the exception of certain accrued personnel services and employee benefit costs. Encumbrances, which are amounts of funding, committed for the payment of goods or services ordered but not yet received, do not lapse at year end. They are included as expenditures in the year for which the budget is adopted.



An appropriation is a legislated authorization to make limited expenditures based on projected revenues. In general, budgetary control for the use of a principal restricted fund's resources is established through the following expenditure account classifications: personnel services, non-personnel services, capital outlay, and debt service. Per the 1968 Agreement, revisions of the appropriation level for MSD must be approved by the Hamilton County Board of County Commissioners.

The basis of accounting used by the City conforms to accounting principles generally accepted in the United States of America as applicable to governmental units formally known as Generally Accepted Accounting Principles (GAAP). The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. The government-wide and proprietary funds' financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Non-exchange transactions, in which the City gives (or receives) value without directly receiving (or giving) equal value in exchange, includes income taxes, property taxes, grants, shared revenues, and donations. On an accrual basis, revenue in the form of shared revenue is recognized when the provider government recognizes its liability to the City. Revenue from grants and donations is

recognized in the fiscal year in which all eligibility requirements have been satisfied. Governmental funds are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Under this method, revenues are recognized in the accounting period in which they become both measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the City considers revenues to be available if they are collected within sixty days of the end of the current fiscal period. Expenditures generally are recorded when the related liability is incurred, as under accrual accounting. However, debt service expenditures, as well as expenditures related to compensated absences and claims and judgments, are recorded only when payment is due. Inventories of materials and supplies may be considered expenditures either when purchased or when used, and prepaid expense items may be considered expenditures either when paid for or when consumed. Proceeds of general long-term debt are reported as other financing sources.

The proprietary fund type statements are prepared utilizing the flow of economic resources measurement focus and the accrual basis of accounting for revenues, which are recognized when they are earned, and for expenses, which are recognized when they are incurred. Unbilled service receivables are recognized by proprietary funds when the services are provided. The fiduciary fund types recognize revenue and expenditures/expenses on a basis consistent with the fund's accounting measurement objective. Private-sector standards of accounting and financial reporting issued prior to December 1, 1989, generally are followed in both the government-wide and proprietary fund financial statements to the extent that those standards do not conflict with or contradict guidance of the Governmental Accounting Standards Board (GASB).



2025 Operating Budget Request

Overall Request

MSD's operating budget covers everyday costs to run MSD such as electricity, chemicals, personnel and repayment of debt. The budget is primarily divided into personnel, non-personnel, and debt payment. Debt payment is the principal and interest payments on bonds sold to fund the capital improvement program (CIP).

The 2025 Recommended Operating Budget totals \$243.91 million, which represents a \$5.01 million increase, or 2.10%, from the 2024 Approved Operating Budget. This request includes:

- \$66.62 million for personnel
- \$73.25 million for non-personnel
- \$6.83 million for General Fund Overhead (GHOH), Fleet, Non-Departmental, and Office Technology Equipment Allowance (OTEA)
- \$11.21 million for the SBU program
- \$86.00 million for debt service

Personnel

The CY 2025 Recommended Operating Budget for personnel is projected to decrease \$(1,038,408) or (1.53%), when compared to the CY 2024 Approved Budget. The primary driver for this decrease is a revision of the amount of labor costs eligible for capitalization, and the subsequent impact of reimbursing those labor costs from the appropriate capital project. The impact of this revision is \$2,870,000 in personnel costs that will be reimbursed to capital beginning in CY 2025. This revision was jointly reached by MSD and the Hamilton County administration.

The impact of this change is partially offset by the effects of assumed cost of living increases for all union bargaining units. The primary assumptions reflected in this request are as follows:

- AFSCME (American Federation of State, County and Municipal Employees) represented employees to receive a 2.0% cost-of-living adjustment (COLA) in August 2025.
- The CODE (Cincinnati Organized and Dedicated Employees) represented employees to receive a 2.0% cost-of-living adjustment (COLA) in March 2025.
- There is a 2.0% cost-of-living adjustment (COLA) budgeted for non-represented employees in 2025.

- Step increases are funded pursuant to labor contracts, which range from less than 2.0% to over 4.0% for most represented positions that are not at the top of the respective salary range. Merit increases of up to 3.0% for non-represented employees are also funded for 2025.
- The 2025 Recommended Operating Budget includes a 17.75% employer pension contribution rate for members of the Cincinnati Retirement System (CRS), an increase from the prior assumption of 17.00%. This reflects the change made by the City of Cincinnati in July 2024. This amount is also budgeted to increase to 18.50% in July 2025 to remain consistent with the City's expected course of action. The budget also provides for employer contributions to the Ohio Public Employees Retirement System (OPERS) at 14.0%.
- Due to an extremely high level of retirements due to generational shifts in the workforce, MSD continues to experience high levels of personnel vacancy. For the budget to reflect these challenges, the number of positions expected to remain vacant throughout CY 2024 has been increased from 60.0 FTE to 62.0 FTE. MSD expects to reduce the number of vacant positions in over the course of CY 2025 as the surge in retirements tapers.

Non-Personnel

The CY 2025 Recommended Operating Budget for non-personnel is projected to require an increase of \$4,180,935 or 6.05%, when compared to the CY 2024 Approved Budget. Several new, emerging, or exigent needs on the part of MSD's core operations have led to this increased request. They include, but are not limited to:

- Continued increases in costs related to the core chemicals necessary for wastewater treatment. This increase assumes that no changes will occur to National Pollutant Discharge Elimination System (NPDES) Permit limits that would mandate the use of more expensive treatment methods.
- Increases to other critical Wastewater Treatment Operational expenses, including solids disposal, utility services, repair services, treatment supplies, and replacement parts.
- Increased security contracting costs to enable higher quality security at all MSD facilities, as well as the expansion of security to 24/7 at the Little Miami Wastewater Treatment Plant.

2025 Operating Budget Request

- Elevated costs related to the collection of sewer revenue via MSD's billing partner, the Greater Cincinnati Water Works (GCWW).
- Inflationary increases across industries for nearly every kind of consumable good and service, particularly in specialized and technical fields where suppliers are limited.

Where possible, MSD has reduced or eliminated non-personnel expenditures to minimize the overall increase request. Should the CY 2025 Recommended Budget for non-personnel not be approved at the level requested, this may result in disruptions to core operations being significantly impaired and or inoperable, inability to maintain consistent levels of service to customers, and new capital assets being unable to be maintained at expected levels.

Other Non-Personnel

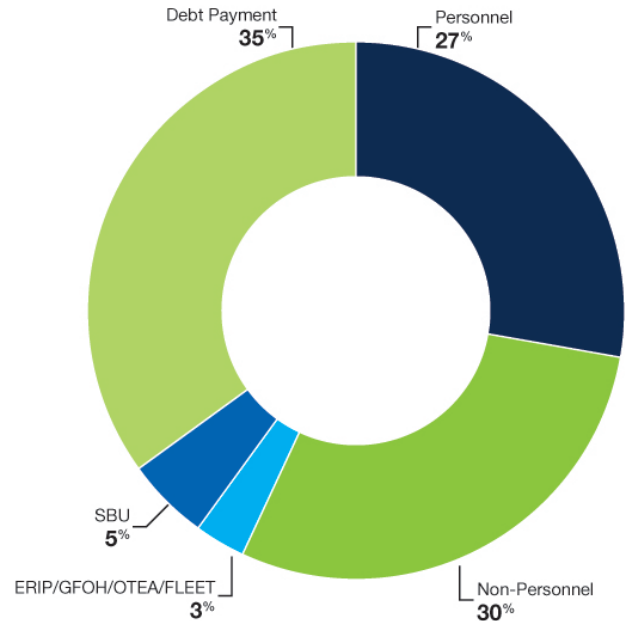
The CY 2025 Recommended Operating Budget for other non-personnel is projected to require a decrease of (\$136,000) or -1.95% when compared to the CY 2024 Approved Budget. This change reflects an increase to General Fund Overhead (GFOH) of \$500,000 based on increased overall operating expenses for jointly utilized City services for which MSD is required to provide contribution. In addition, the Fleet request has been decreased by (\$614,000) to match the projected replacement costs of the pieces of equipment in MSD's inventory that are the most critical to replace due to age, operational necessity, and deterioration. Lastly, Office Technology Equipment Allowance (OTEA) has decreased by (\$25,000) to match the projected budgets of the projects deemed most critical to MSD's operations.



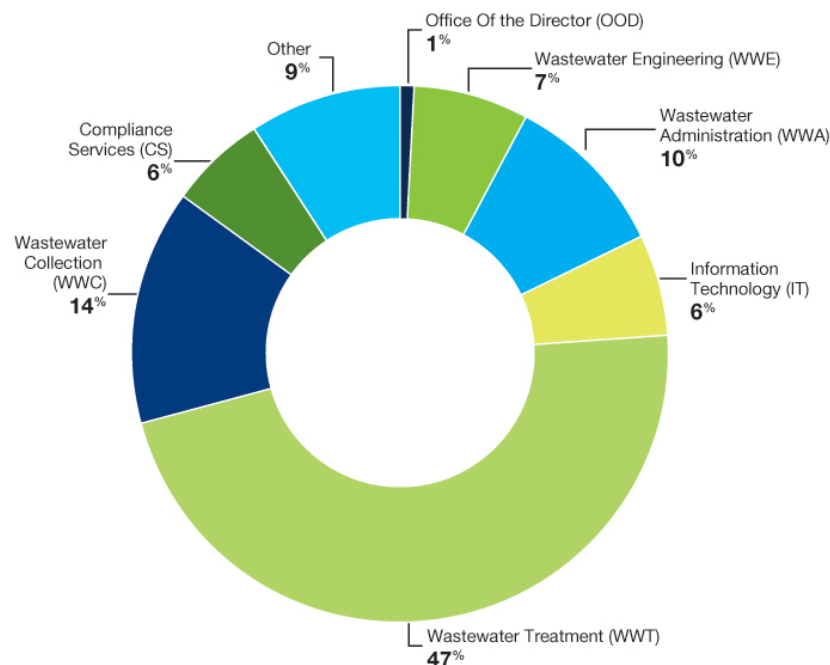
2025 Operating Budget Request

Overall Request by Category

DEPT.	2025 Request
Personnel	\$66,624,433
Office of the Director (OOD)	\$1,789,737
Wastewater Engineering (WWE)	\$4,049,612
Wastewater Administration (WWA)	\$5,649,750
IT Division (IT)	\$4,139,590
Wastewater Treatment (WWT)	\$27,580,772
Wastewater Collection (WWC)	\$16,029,506
Compliance Services (CS)	\$6,771,710
Sewer Backup Program (SBU)	\$613,756
Non-Personnel (without SBU)	\$73,245,401
Office of the Director	\$788,605
Wastewater Engineering	\$5,737,009
Wastewater Administration	\$7,839,896
IT Division	\$4,894,726
Wastewater Treatment	\$38,168,883
Wastewater Collection	\$11,137,022
Compliance Services	\$4,679,260
Other Non-Personnel	\$6,825,000
Non-Departmental (ERIP)	\$564,000
GFOH	\$3,200,000
FLEET	\$1,861,000
OTEA	\$1,200,000
Subtotal (w/o SBU & Debt Payment)	\$146,694,834
SBU	\$11,213,263
Debt Payment	\$86,000,000
Grand Total	\$243,908,097



Non-Personnel Request by Division



2025 Operating Budget Request

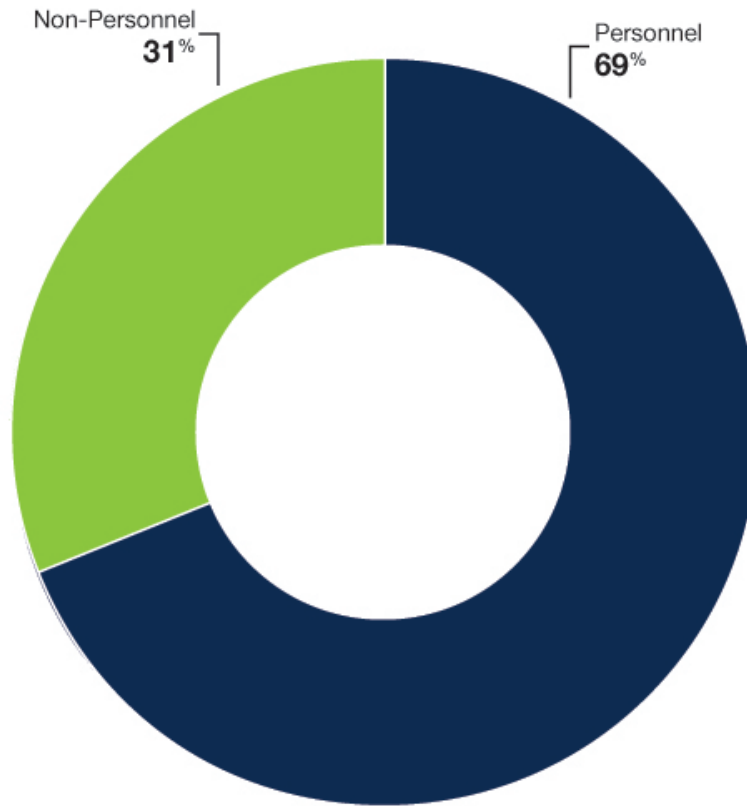
2025 Overall Request vs. Prior Years

2025 Operating Budget Request

DIVISION	2023 ACTUAL	2024 APPROVED	2025 REQUESTED	CHANGE FROM PRIOR YEAR	
PERSONNEL	\$60,489,157	\$67,662,841	\$66,624,433	\$(1,038,408)	-1.5%
410 OOD	\$1,871,346	\$2,052,448	\$1,789,737	\$(262,711)	-12.8%
420 WWE	\$5,258,109	\$6,368,441	\$4,049,612	\$(2,318,829)	-36.4%
430 WWA	\$4,783,567	\$5,657,804	\$5,649,750	\$(8,054)	-0.1%
431 IT	\$3,299,358	\$3,830,694	\$4,139,590	\$308,896	8.1%
440 WWT	\$24,449,812	\$26,984,261	\$27,580,772	\$596,511	2.2%
450 WWC	\$13,164,574	\$14,290,139	\$16,029,506	\$1,739,367	12.2%
460 RCS	\$7,014,137	\$7,630,563	\$6,771,710	\$(858,853)	-11.3%
480 SBU	\$648,254	\$848,491	\$613,756	\$(234,735)	-27.7%
NON-PERSONNEL (without SBU)	\$64,765,920	\$69,064,466	\$73,245,401	\$4,180,935	6.1%
410 OOD	\$568,746	\$769,605	\$788,605	\$19,000	2.5%
420 WWE	\$503,026	\$802,414	\$5,737,009	\$4,934,595	615.0%
430 WWA	\$7,161,715	\$7,435,396	\$7,839,896	\$404,500	5.4%
431 IT	\$4,494,474	\$4,750,231	\$4,894,726	\$144,495	3.0%
440 WWT	\$35,590,146	\$35,487,319	\$38,168,883	\$2,681,564	7.6%
450 WWC	\$9,153,317	\$10,897,586	\$11,137,022	\$239,436	2.2%
460 RCS	\$7,294,496	\$8,921,915	\$4,679,260	\$(4,242,655)	-47.6%
OTHER NON-PERSONNEL	\$5,574,371	\$6,961,000	\$6,825,000	\$(136,000)	-2.0%
911 NON-DEPT	-	\$561,000	\$564,000	\$3,000	
944 GFOH	\$2,600,000	\$2,700,000	\$3,200,000	\$500,000	18.5%
981 FLEET	\$1,791,424	\$2,475,000	\$1,861,000	\$(614,000)	-24.8%
982 OTEA	\$1,182,947	\$1,225,000	\$1,200,000	\$(25,000)	-2.04%
GRAND TOTAL (W/O SBU & DEBT PAYMENTS)	\$130,829,448	\$143,688,307	\$146,694,834	\$3,006,527	2.1%
480 SBU	\$7,904,561	\$11,213,263	\$11,213,263	-	0.0%
490 Debt Payment	\$82,082,197	\$84,000,000	\$86,000,000	\$2,000,000	2.4%
GRAND TOTAL	\$220,816,207	\$238,901,570	\$243,908,097	\$5,006,527	2.1%

2025 Budget Request by Division

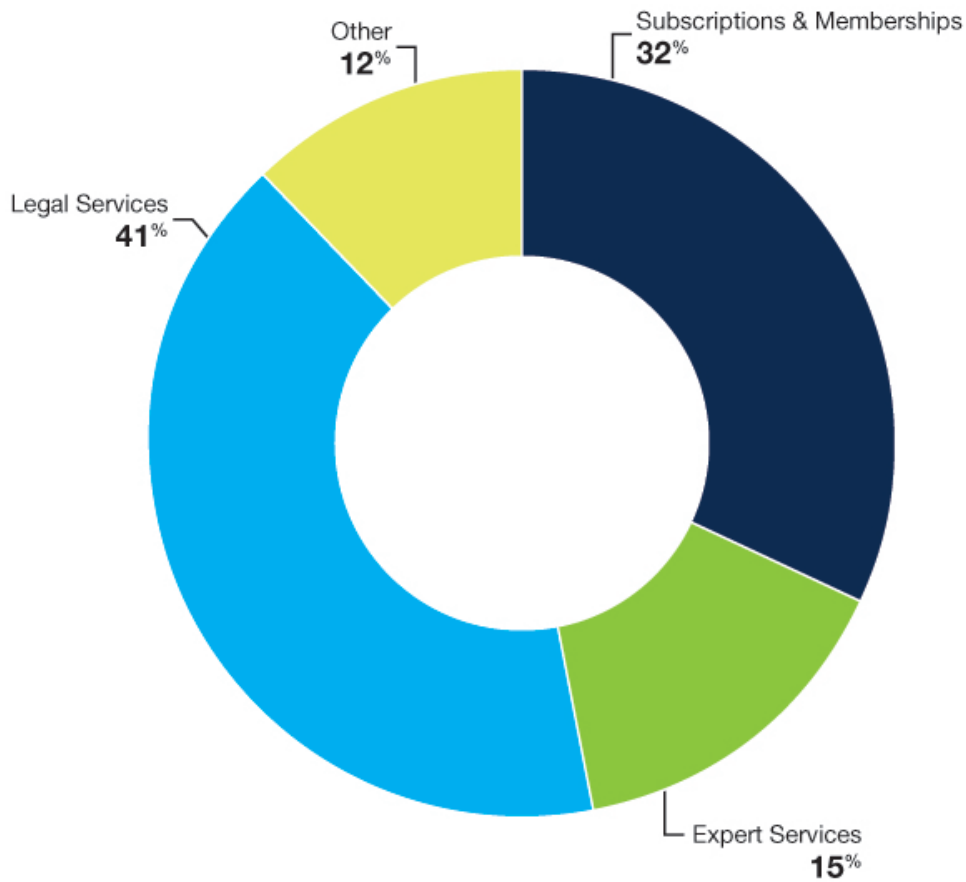
Office of the Director (OOD) Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
OOD (410)	\$2,440,092	\$2,822,053	\$2,578,342	\$138,250	5.7%	\$(243,711)	-8.6%
Personnel	\$1,871,346	\$2,052,448	\$1,789,737	\$(81,609)	-4.4%	\$(262,711)	-12.8%
Non-Personnel	\$568,746	\$769,605	\$788,605	\$219,859	38.7%	\$19,000	2.5%

2025 Budget Request by Division

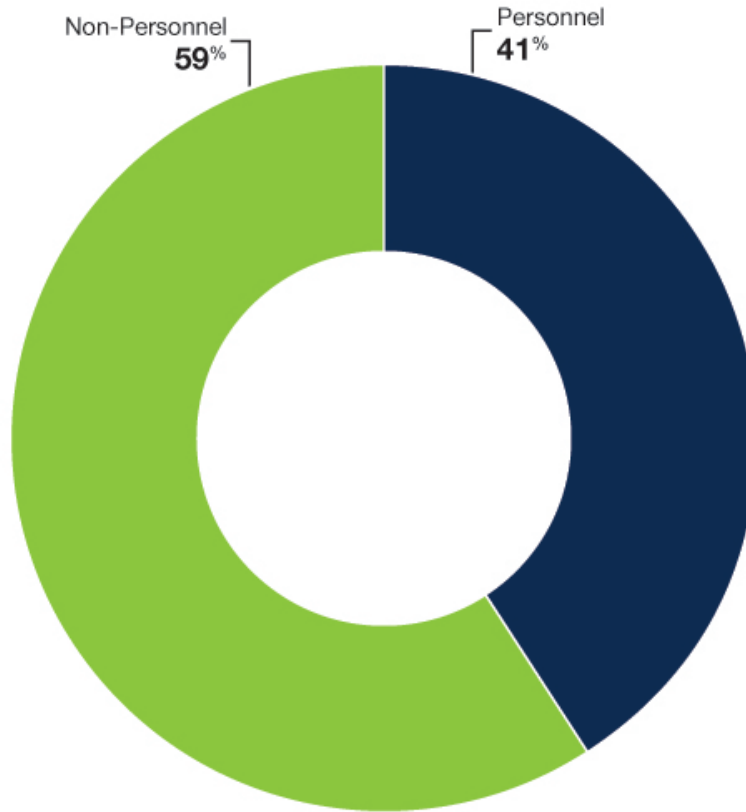
Office of the Director (OOD) Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
OOD (410)	\$788,605	
Subscription and Memberships	\$250,000	31.7%
Expert Services	\$118,975	15.1%
Legal Services	\$323,260	41.0%
Other	\$96,370	12.2%

2025 Budget Request by Division

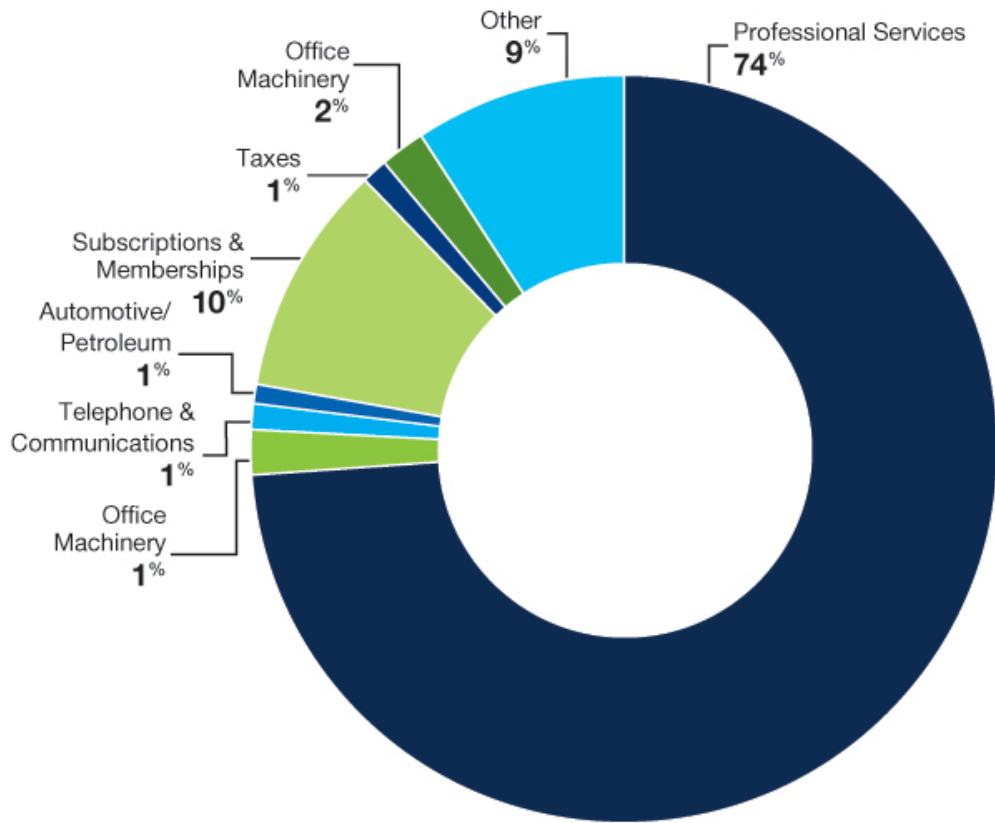
Wastewater Engineering (WWE) Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
WWE (420)	\$5,761,135	\$7,170,855	\$9,786,621	\$4,025,486	69.9%	\$2,615,766	36.5%
Personnel	\$5,258,109	\$6,368,441	\$4,049,612	\$(1,208,497)	-23.0%	\$(2,318,829)	-36.4%
Non-Personnel	\$503,026	\$802,414	\$5,737,009	\$5,233,983	1040.5%	\$4,934,595	615.0%

2025 Budget Request by Division

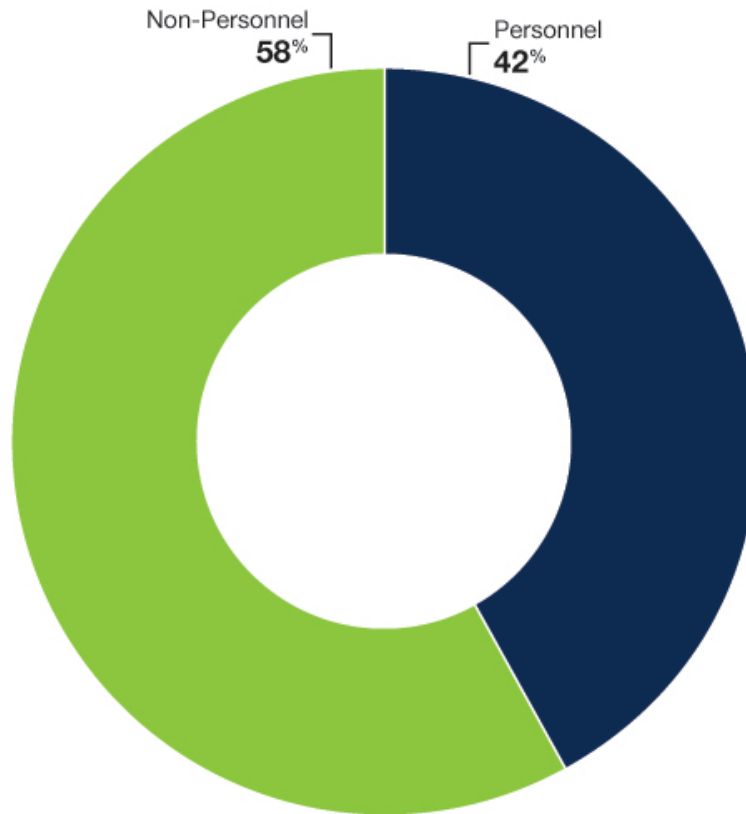
Wastewater Engineering (WWE) Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
WWE (420)	\$5,737,009	
Professional Services	\$4,258,908	74.2%
Office Machinery	\$81,670	1.4%
Telephone and Communication	\$74,242	1.3%
Automotive/Petroleum	\$55,074	1.0%
Subscriptions & Memberships	\$589,560	10.3%
Taxes	\$51,578	0.9%
Grounds Maintenance	\$96,408	1.7%
Other	\$529,569	9.2%

2025 Budget Request by Division

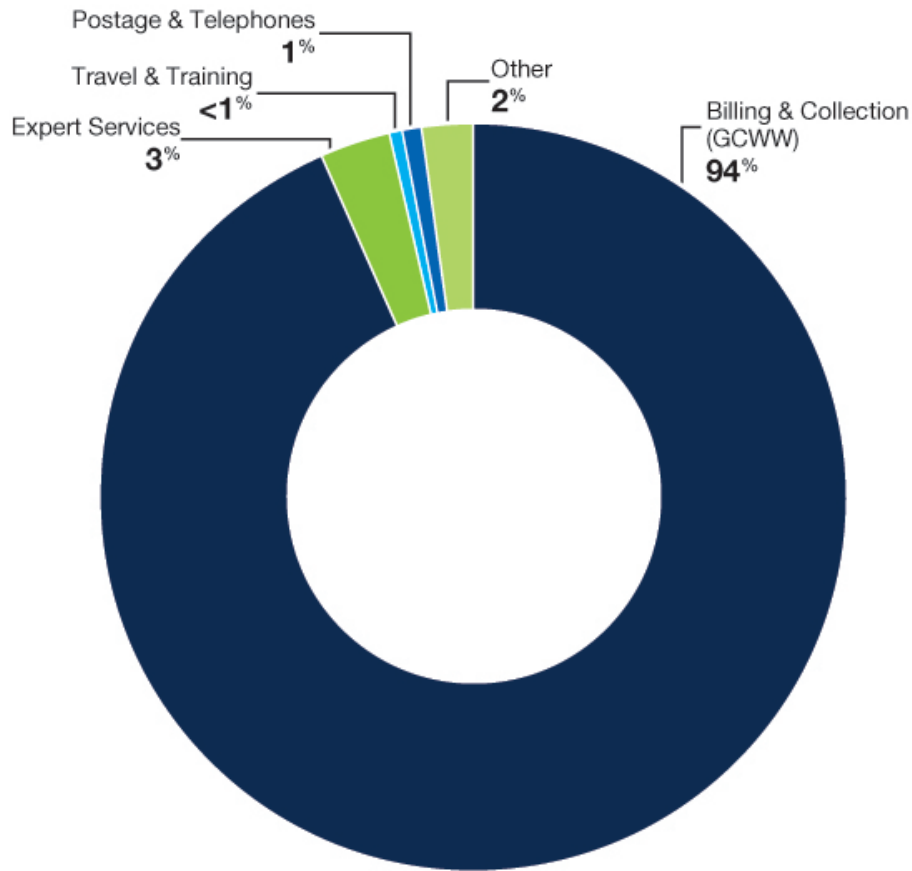
Wastewater Administration (WWA) Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
WWA (430)	\$11,945,282	\$13,093,200	\$13,489,646	\$1,544,364	12.9%	\$396,446	3.0%
Personnel	\$4,783,567	\$5,657,804	\$5,649,750	\$866,183	18.1%	\$(8,054)	-0.1%
Non-Personnel	\$7,161,715	\$7,435,396	\$7,839,896	\$678,181	9.5%	\$404,500	5.4%

2025 Budget Request by Division

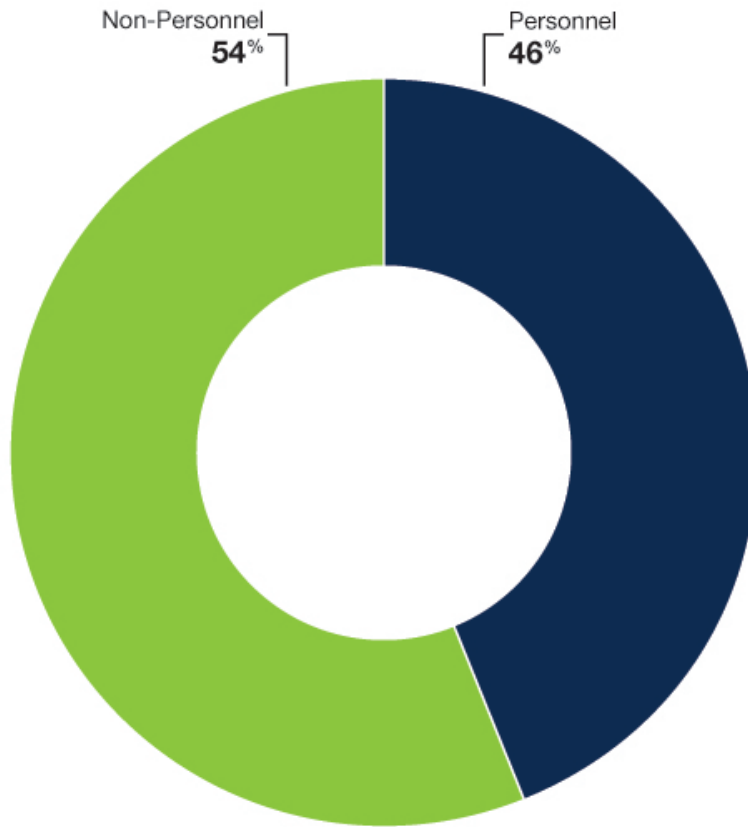
Wastewater Administration (WWA) Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
WWA (430)	\$7,839,896	
Billing & Collection by GCWW	\$7,400,500	94.4%
Expert Services	\$216,930	2.8%
Training and Travel Expenses	\$35,925	0.5%
Postage and Telephones	\$58,600	0.7%
Other	\$127,941	1.6%

2025 Budget Request by Division

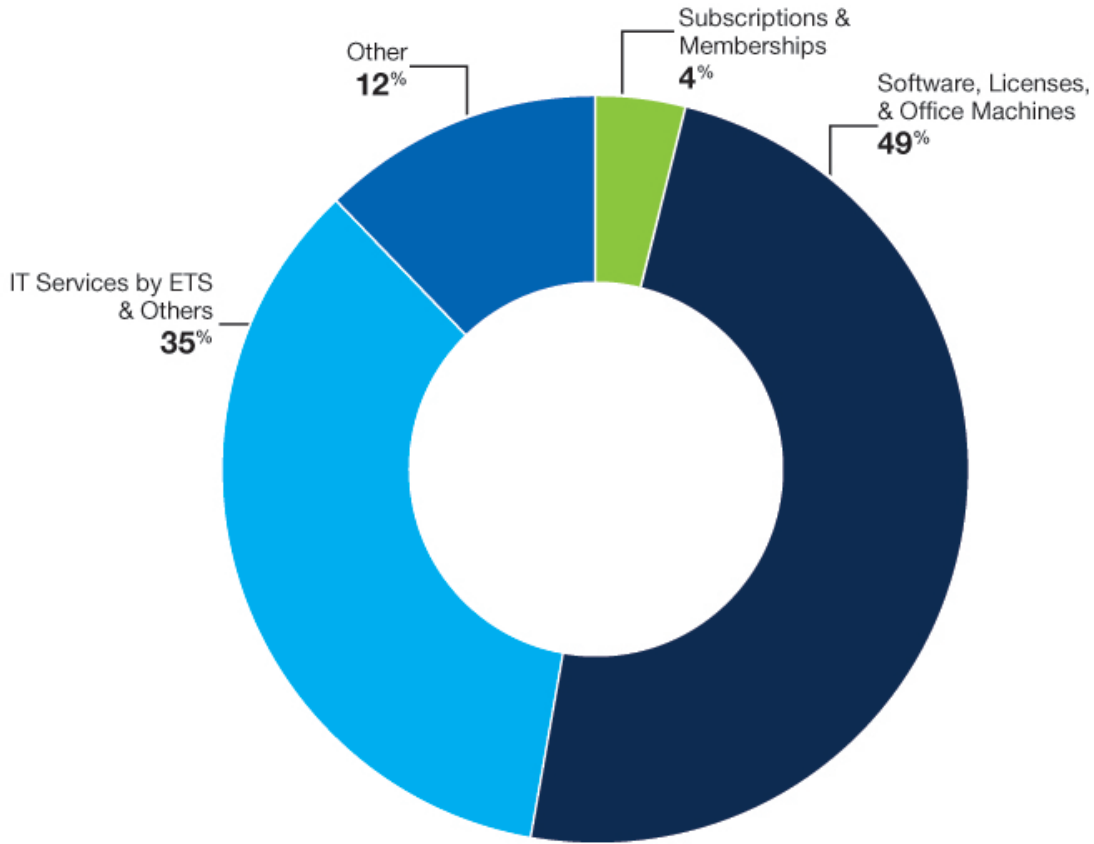
Information Technology (IT) Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
IT (431)	\$7,793,832	\$8,580,925	\$9,034,316	\$1,240,484	15.9%	\$453,391	5.3%
Personnel	\$3,299,358	\$3,830,694	\$4,139,590	\$840,232	25.5%	\$308,896	8.1%
Non-Personnel	\$4,494,474	\$4,750,231	\$4,894,726	\$400,252	8.9%	\$144,495	3.0%

2025 Budget Request by Division

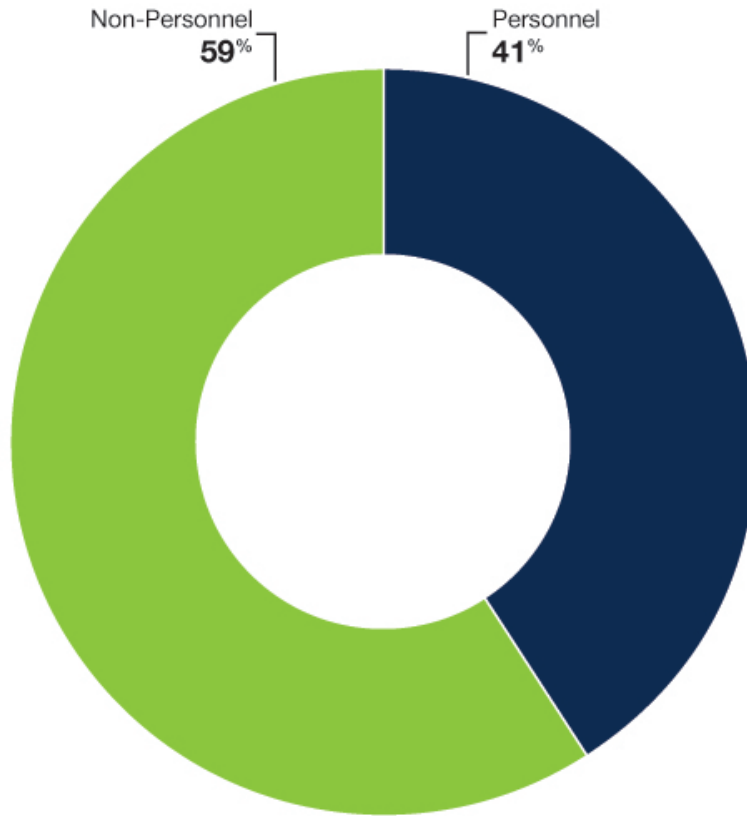
Information Technology (IT) Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
IT (431)	\$4,894,726	
Subscriptions & Memberships	\$184,000	3.8%
Software, Licenses & Office Machines	\$2,416,327	49.4%
IT Services by ETS & Others	\$1,699,880	34.7%
Other	\$594,519	12.1%

2025 Budget Request by Division

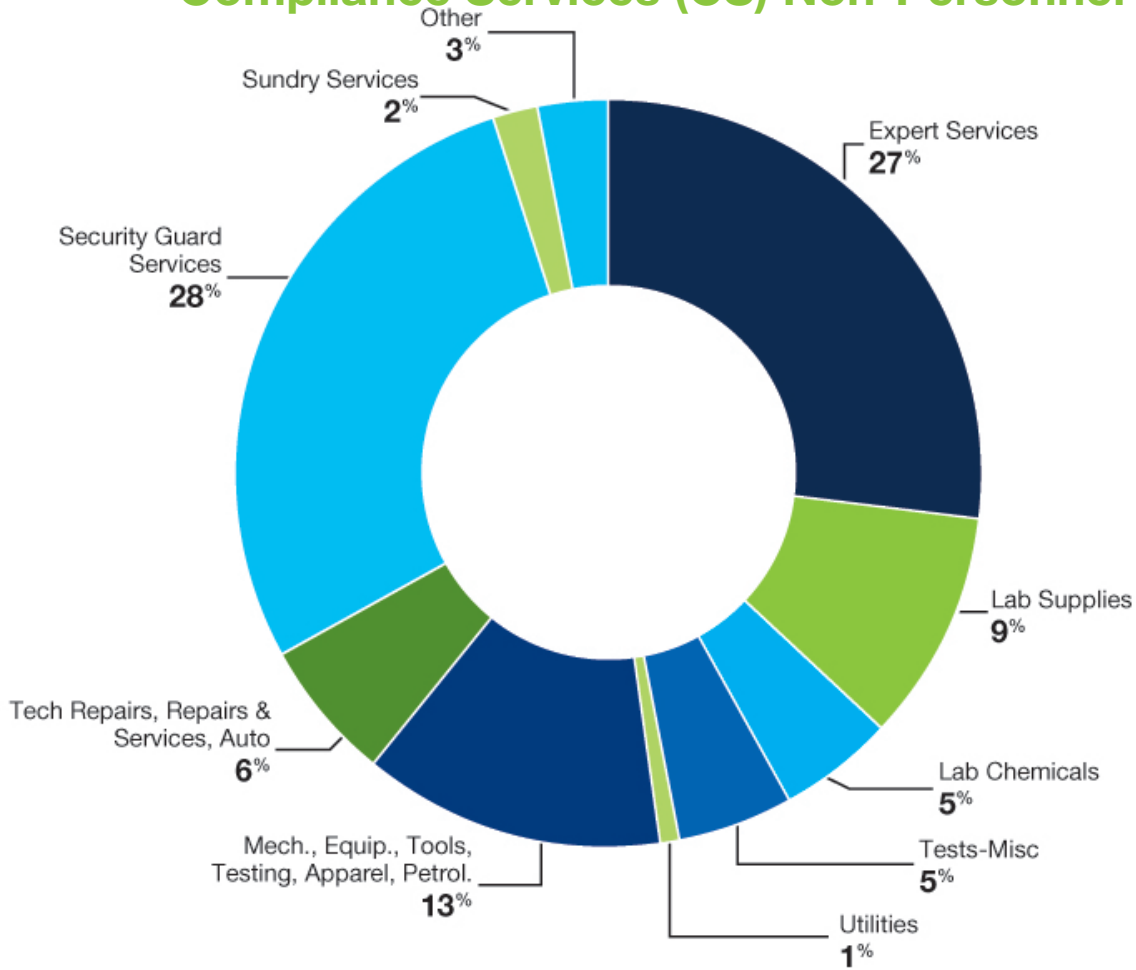
Compliance Services (CS) Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
CS (460)	\$14,308,633	\$16,552,478	\$11,450,970	\$(2,857,663)	-20.0%	\$(5,101,508)	-30.8%
Personnel	\$7,014,137	\$7,630,563	\$6,771,710	\$(242,427)	-3.5%	\$(858,853)	-11.3%
Non-Personnel	\$7,294,496	\$8,921,915	\$4,679,260	\$(2,615,236)	-35.9%	\$(4,242,655)	-47.6%

2025 Budget Request by Division

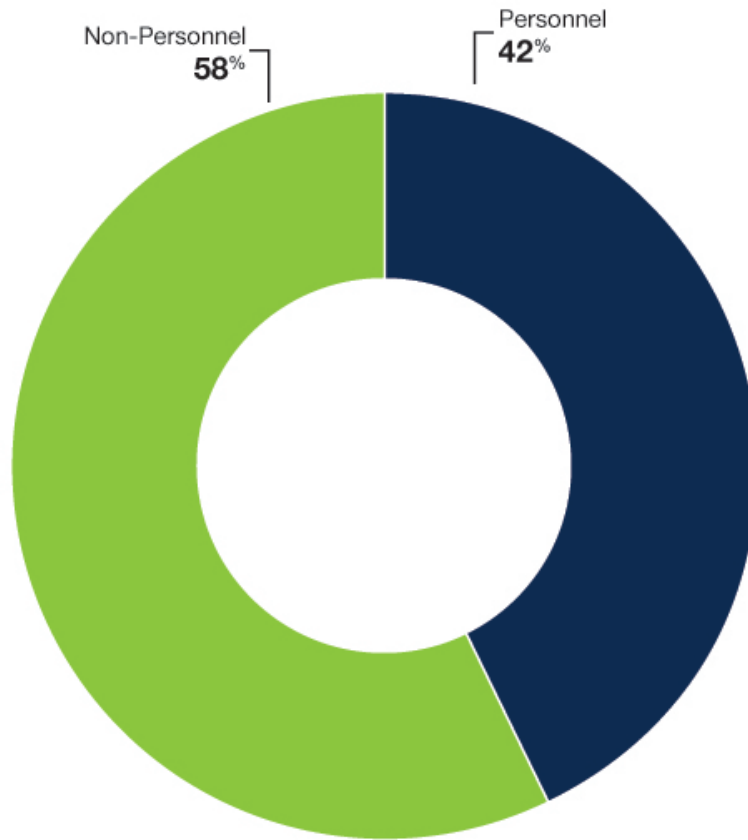
Compliance Services (CS) Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
CS (460)	\$4,679,260	
Expert Services	\$1,270,000	27.1%
Lab Supplies	\$440,587	9.4%
Lab Chemicals	\$241,973	5.2%
Tests-Misc.	\$248,269	5.3%
Utilities	\$49,442	1.1%
Mechanical, Equipment, Tools, Testing, Apparel, Petroleum	\$596,884	12.8%
Technical Repairs, Repairs & Services , Auto	\$294,930	6.3%
Security Guard Services	\$1,300,000	27.8%
Sundry Services	\$97,000	2.1%
Other	\$140,175	3.0%

2025 Budget Request by Division

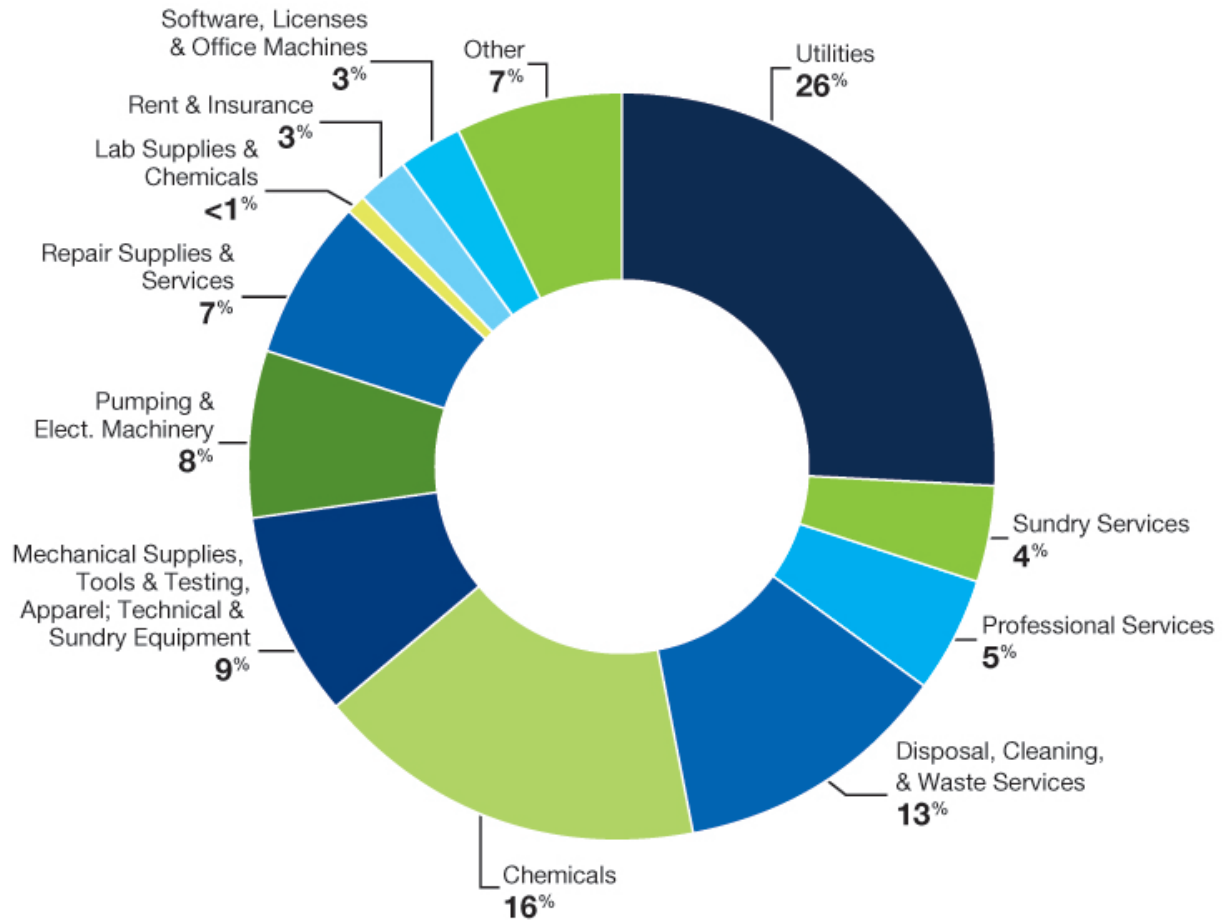
Wastewater Treatment (WWT) Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
WWT (440)	\$60,039,958	\$62,471,580	\$65,749,655	\$5,709,697	9.5%	\$3,278,075	5.2%
Personnel	\$24,449,812	\$26,984,261	\$27,580,772	\$3,130,960	12.8%	\$596,511	2.2%
Non-Personnel	\$35,590,146	\$35,487,319	\$38,168,883	\$2,578,737	7.2%	\$2,681,564	7.6%

2025 Budget Request by Division

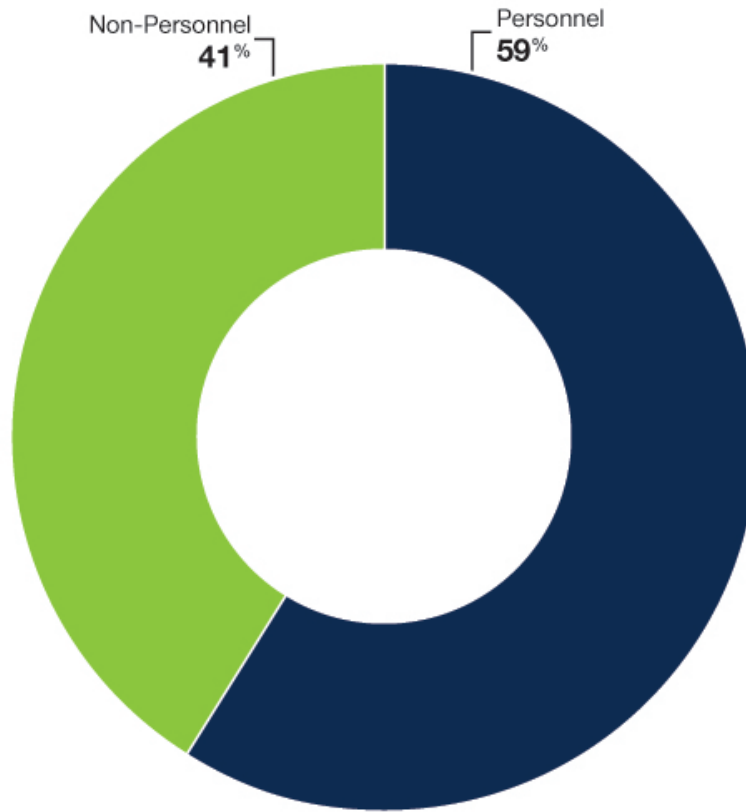
Wastewater Treatment (WWT) Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
WWT (440)	\$38,168,883	
Utilities	\$9,746,118	25.5%
Sundry Services	\$1,376,423	3.6%
Professional Services	\$1,983,731	5.2%
Waste Disposal	\$4,785,718	12.5%
Chemicals	\$6,293,337	16.5%
Mechanical Supplies, Tools & Testing, Apparel; Technical and Sundry Equipment	\$3,319,593	8.7%
Pumping and Elect. Machinery	\$3,185,759	8.3%
Repair Supplies and Services	\$2,685,759	7.0%
Lab Supplies and Chemicals	\$173,559	0.5%
Rent and Insurance	\$993,092	2.6%
Software, Licenses & Office Machines	\$1,069,721	2.8%
Other	\$2,556,073	6.7%

2025 Budget Request by Division

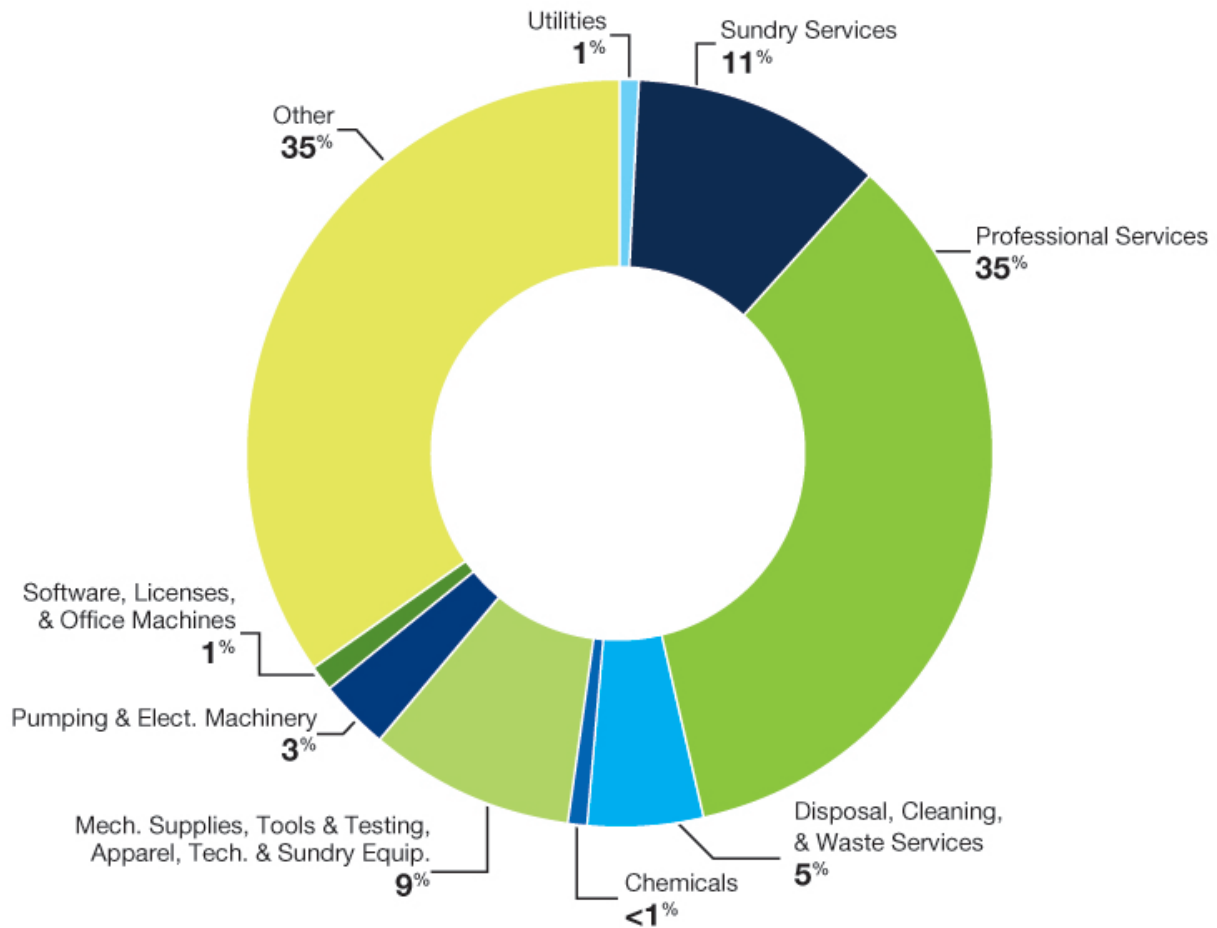
Wastewater Collection (WWC) Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
WWC (450)	\$22,317,891	\$25,187,725	\$27,166,528	\$4,848,637	21.7%	\$1,978,803	7.9%
Personnel	\$13,164,574	\$14,290,139	\$16,029,506	\$2,864,932	21.8%	\$1,739,367	12.2%
Non-Personnel	\$9,153,317	\$10,897,586	\$11,137,022	\$1,983,705	21.7%	\$239,436	2.2%

2025 Budget Request by Division

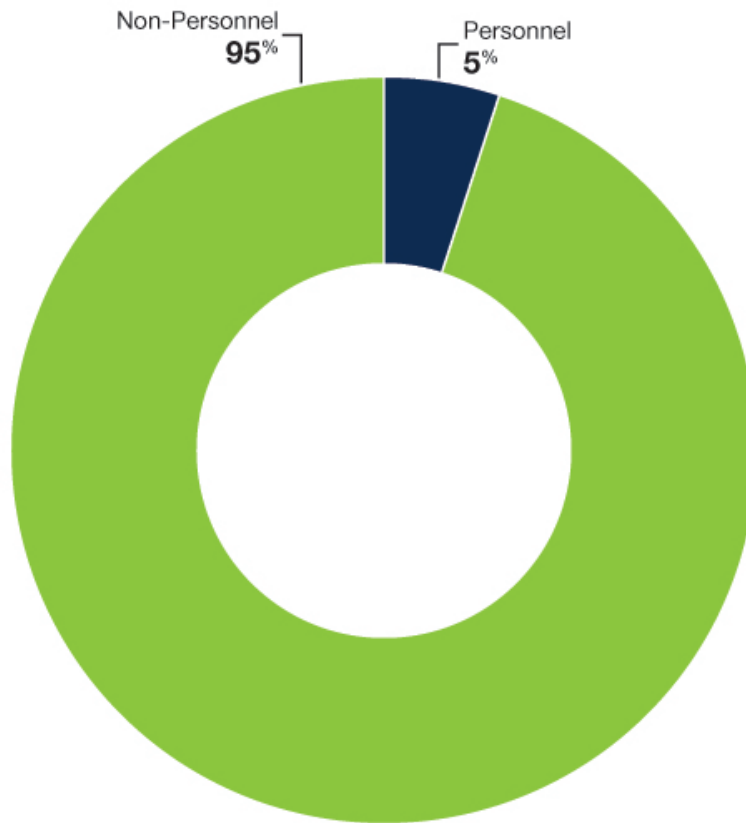
Wastewater Collection (WWC) Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
WWC (450)	\$11,137,022	
Utilities	\$150,772	1.4%
Sundry Services	\$1,203,964	10.8%
Professional Services	\$3,900,306	35.0%
Disposal, Cleaning, & Waste Services	\$537,820	4.8%
Chemicals	\$28,360	0.3%
Mechanical Supplies, Tools & Testing, Apparel, Technical and Sundry Equipment	\$1,003,427	9.0%
Pumping and Elect. Machinery	\$322,612	2.9%
Software, Licenses & Office Machines	\$112,976	1.0%
Other	\$3,876,785	34.8%

2025 Budget Request by Division

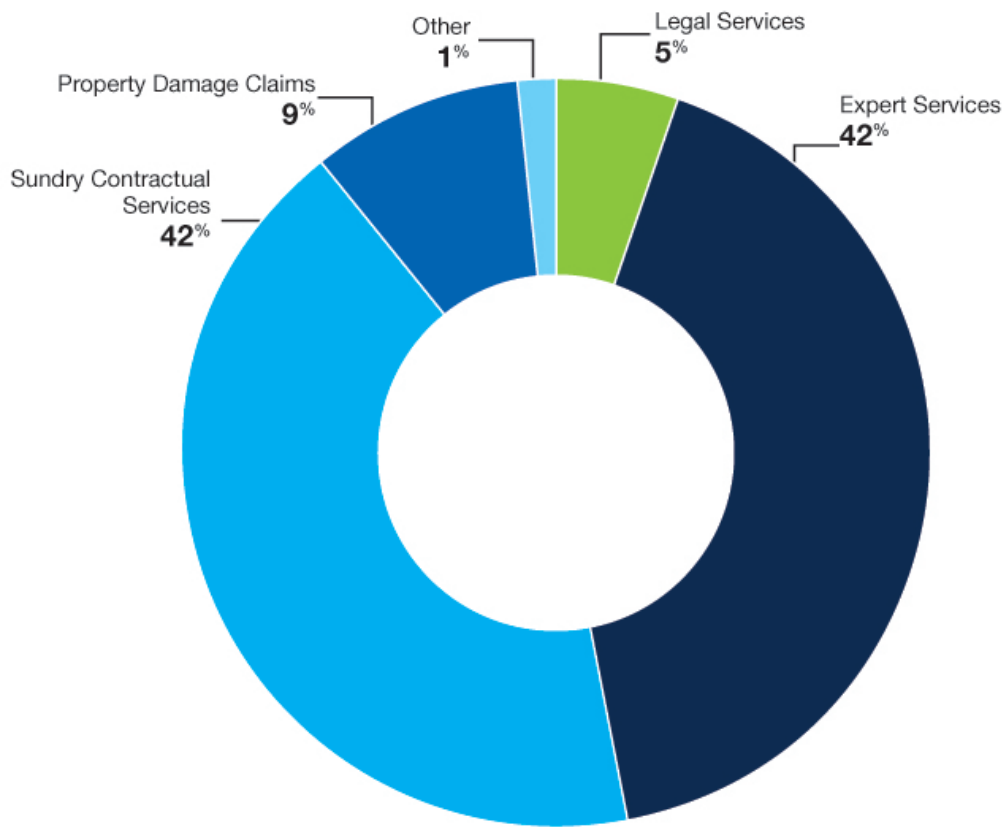
Sewer Backup (SBU) Program Budget Request



Dept.	2023 Actual	2024 Budget	2025 Recommended	Changes From 2023		Changes From 2024	
				\$	%	\$	%
SBU (480)	\$8,552,815	\$12,061,754	\$11,827,019	\$3,274,204	38.3%	\$(234,735)	-1.9%
Personnel	\$648,254	\$848,491	\$613,756	\$(34,498)	-5.3%	\$(234,735)	-27.7%
Non-Personnel	\$7,904,561	\$11,213,263	\$11,213,263	\$3,308,702	41.9%	-	0.0%

2025 Budget Request by Division

Sewer Backup (SBU) Program Non-Personnel Request



Non-Personnel Item	2025 Request	
	\$	%
SBU (480)	\$11,213,263	
Legal Services	\$595,281	5.3%
Expert Services	\$4,673,537	41.7%
Sundry Contractual Services	\$4,752,221	42.4%
Property Damage Claims	\$1,030,683	9.2%
Other	\$161,541	1.4%



Appendix A

Fleet Request & Justification

To service the needs of the ratepayers, MSD maintains a Fleet of motorized equipment. From forklifts for loading materials to hydro excavating trucks used for complex asset repair and renewal, the MSD Fleet is deeply varied and in constant use in day-to-day operations.

While MSD dutifully maintains each piece of equipment, the constant use of the equipment leads to accelerating repair costs as service year progress. To limit repair costs and improve efficiency, replacing equipment eventually becomes necessary.

The CY 2025 Fleet Budget Request seeks to replace 34 pieces of equipment, primarily focused on trucks and utility vehicles. The equipment in question ranges from 13 to 22 years old and have been identified as the most expensive and difficult to keep in service due to the level of usage each has endured. Replacing this equipment would represent refreshing 8.13% of the capital valuation of the fleet.

Replacing this equipment would not only be cost effective, but it would also allow MSD staff greater operational efficiency in the field and improve the service provided to ratepayers.

Equip. #	Type	Year	Est. Replacement Cost
951	Dump truck	2010	\$160,000
5830	Back hoe	2010	\$170,000
90891	High roof van	2009	\$77,000
908	High roof van	2010	\$77,000
90826	Pickup w/liftgate	2009	\$60,000
90814	Pickup 4x4 w liftgate	2009	\$60,000
90873	Pickup 4x4 w liftgate	2009	\$60,000
90839	Pickup/4WD/liftgate/Plow / Spreader	2009	\$80,000
676	Small Pickup truck	2010	\$40,000
677	Small Pickup truck	2010	\$40,000
880	F450 Dually	2010	\$85,000
90882	Utility, single rear wheel w/ liftgate	2009	\$80,000
90881	Utility truck , dually w/liftgate	2009	\$80,000
10883	Utility truck , dually w/liftgate	2011	\$80,000
9177	SUV/Bronco	2009	\$36,000
9178	SUV/Bronco	2009	\$36,000
9179	SUV/Bronco	2009	\$36,000
177	SUV/Bronco	2010	\$36,000
178	SUV/Bronco	2010	\$36,000
179	SUV/Bronco	2010	\$36,000
9185	SUV/Bronco	2010	\$36,000
80610	SUV/Bronco	2008	\$36,000
90666	SUV/Bronco	2009	\$36,000
90670	SUV/Bronco	2009	\$36,000
90671	SUV/Bronco	2009	\$36,000
606	SUV/Bronco	2010	\$36,000
608	SUV/Bronco	2010	\$36,000
609	SUV/Bronco	2010	\$36,000
22671	Forklift	2002	\$57,000
52809	ATV	2005	\$27,000
12817	ATV	2011	\$27,000
12818	ATV	2011	\$27,000
Addition	SUV/Bronco		\$35,000
	SUV/Bronco		\$35,000

TOTAL \$1,861,000

Capital Valuation of Fleet \$22,900,000

Percent Request/Valuation 8.13%

Appendix A

Fleet Request & Justification

Replacement or Addition	Repl. No.	Year	Purchase Price	Mileage	L.T.D. Cost	Description	Purpose of Vehicle	
1	Replacement	00951	2010	\$87,303	123,309	\$66,715	Dump Truck	Truck is used to haul spoils from job site to WWC and landfill. Also used to haul gravel, pipe, and dirt to job site.
2	Replacement	05830	2010	\$108,374	5,923	\$78,069	Back Hoe	
3	Replacement	90891	2009	\$58,677	87,838	\$41,682	High roof van	Used by WWC Asset Renewal work group to haul tools and supplies to job site for sewer line repairs.
4	Replacement	00908	2010	\$55,182	66,093	\$40,226	High roof van	Used by WWC Asset Renewal work group to haul tools and supplies to job site for sewer line repairs.
5	Replacement	90826	2009	\$21,537	52,378	\$14,005	Pickup w/ liftgate	Muddy Creek uses truck with a lift gate to haul equipment and pick-up parts, send out motors, etc.
6	Replacement	90814	2009	\$24,389	72,133	\$15,986	Pickup 4x4 w liftgate	Used to haul equipment and crew into the woods to support cleaning and inspecting sewers that are back in the woods. Field to do Surveying.
7	Replacement	90873	2009	\$23,088	20,963	\$13,180	Pickup 4x4 w liftgate	Hauls parts & materials as needed for WWT
8	Replacement	90839	2009	\$31,109	13,471	\$24,979	Pickup/4WD/ liftgate/Plow /Spreader	Truck is used by the maintenance crews @ the LMTP . It is also the plant's winter operations truck.



Est, Cost	Division 701X	Work Group	Reason	Justification	Impact if not replaced
\$160,000	701X4500000	Asset Renewal	Age & Condition, Mileage	The chasis will be 15 years old at the time it is scheduled to be replaced.. Greater chance of a major repair as the unit ages.	Increased maintenances cost, increase down time for repairs. Delays in assesing sewer pipe conditions in maintenance and emergency situations.
\$170,000	701X4500000	Asset Renewal	Age & Condition	backhoe will be 15 years old at the time it is scheduled to be replaced. Greater chance of a major repair and down time as the unit ages.	Increased maintenances cost, increase down time for repairs.
\$77,000	701X4500000	Asset Renewal	Age & Condition	Used by WWC asset renewal work group to haul tools and supplies to the job site for repairs.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$77,000	701X4500000	Asset Renewal	Age & Condition	Van will be 15 years old at its scheduled replacement time.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$60,000	701X4440000	Muddy Creek T.P.	Age & Condition	move materials and employees around MCTP	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$60,000	701X4500000	Assessment & Cleaning	Age & Condition	Used to haul equipment and crew into the woods to support cleaning and inspecting sewers that are back in the woods. Field to do Surveying.	At the time it is scheduled to be replaced the unit will be 15 years old and LTD is 76% of original purchase price.
\$60,000	701X4420000	WWT Maintenance	Age & Condition	At the time it is scheduled to be replaced unit is 15 years old with the LTD costs are at 84% of original purchase.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$80,000	701X4430000	Little Miami T.P.	Age & Condition	At the time it is scheduled to be replaced unit will be 16 years old, and LTD is 97% of original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.

Appendix A *(continued)*

Fleet Request & Justification

	Replacement or Addition	Repl. No.	Year	Purchase Price	Mileage	L.T.D. Cost	Description	Purpose of Vehicle
9	Replacement	00676	2010	\$11,763	18,602	\$9,516	Small Pickup truck	This unit is used by the pumpstation crews
10	Replacement	00677	2010	\$11,763	21,873	\$9,814	Small Pickup truck	This unit is used by the pumpstation crews
11	Replacement	00880	2010	\$24,661	80,026	\$41,440	F450 Dually	Truck is used by WWT heavy duty to pull boat and eq to work sites
12	Replacement	90882	2009	\$33,350	46,815	\$21,351	Utility, single rear wheel w/liftgate	Truck used by maintenance supervisor to check crews and work sites
13	Replacement	90881	2009	\$31,209	34,521	\$14,677	Utility truck , dually w/ liftgate	Truck used by maintenance crews to check work sites
14	Replacement	10883	2011	\$29,958	42,433	\$11,352	Utility truck , dually w/ liftgate	truck used by maintenance crews work sites
15	Replacement	09177	2009	\$15,796	39,943	\$9,890	SUV/Bronco	Used by supervisors to spot check crews in the field
16	Replacement	09178	2009	\$15,796	51,460	\$8,575	SUV/Bronco	Used by supervisors to spot check crews in the field
17	Replacement	09179	2009	\$15,796	34,829	\$9,153	SUV/Bronco	Used by supervisors to spot check crews in the field

Est, Cost	Division 701X	Work Group	Reason	Justification	Impact if not replaced
\$40,000	701X4420000	WWT Maintenance	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old with LTD costs @ 55% of the original purchase.	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$40,000	701X4420000	WWT Planners Group	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old with LTD costs @ 46% of the original purchase.	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$85,000	701X4490000	WWT Trucking Section	Age, Condition, Life-to-Date	At the time it is scheduled to be replaced unit will be 15 years old and has a LTD cost @175% of the original purchase	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$80,000	701X4500000	Mechanical Maintenance	Age & Condition	At the time it is scheduled to be replaced unit will be 16 years old and has a LTD cost @65% of the original purchase	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$80,000	701X4430000	Little Miami T.P.	Age & Condition	At the time it is scheduled to be replaced unit will be 16 years old and has a LTD cost @47% of the original purchase	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$80,000	701X4470000	Polk Run T.P.	Age & Condition	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4450000	Sycamore T.P.	Age & Condition	At the time it is scheduled to be replaced unit will be 16 years old and has a LTD cost @64% of the original purchase	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4490000	Taylor Creek T.P.	Age & Condition	At the time it is scheduled to be replaced the unit will be 16 years old and current LDT maintenance cost is at 56% of the purchase price.	Increased maintenance cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4450000	CMF Pool	Age & Condition	At the time it is scheduled to be replaced unit will be 16 years old and current LDT maintenance cost is at 68% of the purchase price.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.

Appendix A *(continued)*

Fleet Request & Justification

	Replacement or Addition	Repl. No.	Year	Purchase Price	Mileage	L.T.D. Cost	Description	Purpose of Vehicle
18	Replacement	00177	2010	\$15,532	53,045	\$14,718	SUV/Bronco	Used by supervisors to spot check crews in the field
19	Replacement	00178	2010	\$15,532	25,869	\$12,176	SUV/Bronco	Used by supervisors to spot check crews in the field
20	Replacement	00179	2010	\$15,532	46,834	\$8,212	SUV/Bronco	Used by supervisors to spot check crews in the field
21	Replacement	09185	2010	\$16,071	30,191	\$14,710	SUV/Bronco	Used by WWC for sbu and additional vehicle when needed
22	Replacement	80610	2008	\$20,455	67,231	\$12,383	SUV/Bronco	Used by supervisors to spot check crews in the field
23	Replacement	90666	2009	\$17,939	52788	\$11,726	SUV/Bronco	Used by supervisors to spot check crews in the field
24	Replacement	90670	2009	\$17,939	65,272	\$9,019	SUV/Bronco	Used by WWC Safety to spot check crews in the field
25	Replacement	90671	2009	\$17,939	25,817	\$9,368	SUV/Bronco	Used by WWC Safety to spot check crews in the field



Est, Cost	Division 701X	Work Group	Reason	Justification	Impact if not replaced
\$36,000	701X4211100	Engineering Management	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old and current LDT maintenance cost is at 99% of the purchase price.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4211100	Engineering Management	Age & Condition	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4440000	Muddy Creek T.P.	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old and current LDT maintenance cost is at 53% of the purchase price.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4500000	WWC Pool	Age & Condition	At the time it is scheduled to be replaced unit will be 16 years old and current LDT maintenance cost is at 68% of the purchase price.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4214100	Engineering Management	Age & Condition	At the time it is scheduled to be replaced unit will be 17 years old but the LTD costs are at 63% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4420000	CMF Pool	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old but the LTD costs are at 87% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4500000	Asset Renewal	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old but the LTD costs are at 64% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4420000	CMF Pool	Age & Condition	At the time it is scheduled to be replaced unit will be 16 years old but the LTD costs are at 72% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.

Appendix A *(continued)*

Fleet Request & Justification

	Replacement or Addition	Repl. No.	Year	Purchase Price	Mileage	L.T.D. Cost	Description	Purpose of Vehicle
26	Replacement	00606	2010	\$30,224	79,300	\$7,981	SUV/Bronco	Used by supervisors to spot check crews in the field
27	Replacement	00608	2010	\$29,839	48,709	\$9,512	SUV/Bronco	Used by supervisors to spot check crews in the field
28	Replacement	00609	2010	\$29,839	53,467	\$10,624	SUV/Bronco	Used by supervisors to spot check crews in the field
29	Replacement	22671	2002	\$33,593	1,448	\$31,036	Forklift	Loading materials
30	Replacement	52809	2005	\$12,145	899	\$31,493	ATV	Used by Cleaning and Assessment to support off road crews to transport tool, cctv equipment, hose.
31	Replacement	12817	2011	\$16,609	1,422	\$12,438	ATV	Transport maintenance people and tools and supplies for the treatment plants
32	Replacement	12818	2011	\$16,609	2,784	\$15,754	ATV	Transport maintenance people and tools and supplies for the treatment plants
33	addition 1						SUV	place in WWC pool
34	addition 2						SUV	place in WWT pool



Est, Cost	Division 701X	Work Group	Reason	Justification	Impact if not replaced
\$36,000	701X4211100	Engineering Management	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old but the LTD costs are at 37% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4600000	CSD	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old and has a LTD cost 35% of the original purchase	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$36,000	701X4201000	Engineering Pool	Age & Condition	At the time it is scheduled to be replaced unit will be 15 years old but the LTD costs are at 41% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$57,000	701X4500000	Mechanical Maintenance	Age & Condition	At the time it is scheduled to be replaced it will be 23 years old. Current LTD cost is 99% of the original purchase price.	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$27,000	701X4500000	Assessment & Cleaning	Age & Condition	At the time it is scheduled to be replaced unit will be 10 years old but the LTD costs are at 267% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$27,000	701X4420000	WWT Maintenance	Age & Condition	At the time it is scheduled to be replaced unit will be 23 years old but the LTD costs are at 102% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$27,000	701X4420000	WWT Maintenance	Age & Condition	At the time it is scheduled to be replaced unit will be 23 years old but the LTD costs are at 102% of the original cost	Increased maintenances cost, increase down time for repairs. Reduced utilization. Crews not having equipment to perform their duties.
\$35,000	701x44500000	pool WWC		accommodate additional FTE	
\$35,000	701x44500000	Pool WWT		accommodate additional FTE	

TOTAL **\$1,861,000**

Appendix B

Capital Equipment (OTEA) Request

DEPT.		DESCRIPTION	COST
OOD			
410	WWE Building Signage	This project would allow for the replacement of the existing building signage for the Wastewater Engineering building, which is showing wear and in need of updating. New signage will be consistent with the recently replaced signage on the neighboring WWA building.	\$18,000
OOD Total			\$18,000
WWE			
420	WWE Conference Room Tech Refresh	This will allow WEEC Conference rooms to be set up consistently and functionality will be standardized.	\$60,000
420	Remote Monitoring system equipment	Level sensors and flow monitor components of the Smart Sewer System	\$200,000
WWE TOTAL:			\$260,000
IT			
431	Workstation/Laptop Lifecycle Replacement	Lifecycle Replacement Plans set a goal of replacing 1/5th of our entire asset inventory each year. Failure to take a holistic view of PC lifecycle services can lead to inefficiencies, duplication, omissions and, ultimately, unnecessary cost — essentially raising the total cost of ownership (TCO)	\$100,000
431	Datacenter Improvements	LCR for servers.	\$100,000
431	Kronos Timeclock Replacements	Intouch Models are EOL	\$100,000
431	Specialty/Security Items	WiFi Access Points and Lab Instrument PC's	\$184,000
IT TOTAL:			\$484,000
WWC			
450	Annex 2nd Floor Renovation - Painting	Design and installation services to determine the furniture/wall configuration that will meet the Asset Management Section business needs in the open workspace area of the WWC Annex 2nd floor. The carpet tiles are 16 years old and need replacement. The wall coatings in the open area are also original to the building and need re-coating.	\$10,000
	Annex 2nd Floor Renovation - Carpet Replacement		\$25,000
	Annex 2nd Floor Renovation - Furniture Package		\$40,000

Appendix B

Capital Equipment (OTE) Request

DEPT.	DESCRIPTION	COST
450	Maintenance Shop Furniture Pending Project Completion - Maintenance Shop Improvements Project (Construction currently in progress 6-24-2024)	\$30,000
450	WWC Data Center - Liebert HVAC Unit Replacement Replace the R-22 Liebert Unit in the Data Center. Upgrade controls. This unit is reaching the end of it's lifecycle. R-22 units are being phased out and replaced with units using refrigerants with a lower global warming potential.	\$50,000
450	Assembly Room - Floor Replacement Remove VCT and install LVT to reduce floor maintenance costs. Annual stripping and waxing costs of the VCT are \$2,000.00 per year with the current contract.	\$30,000
450	IBAK equipment Ibak TV inspection equipment replacement	\$50,000
450	Envirosight equipment Envirosight TV inspection equipment replacement	\$100,000
450	Plumbing tap camera equipment Rigid tapcamera equipment replacement	\$25,000
450	Nozzles & Sewer Cleaning equipment Sewer cleaning nozzles upgrade and replacement	\$25,000
450	Reusable tunnel liner plates for pipe installation	\$25,000
WWC TOTAL		\$410,000
WWA		
430	Office Furniture This project would allow for the furnishing of two new offices in the Finance and Accounting section that will be built out in 2024. The furniture would be comparable to the furniture in existing offices in the section.	\$20,000
430	Interior Building Signage This project will allow for the purchase of interior signage for the Administration Building, to include signage for the divisions located within the building and wayfinding signage indicating the sections / work groups located within specific areas.	\$8,000
WWA TOTAL		\$28,000
TOTAL		\$1,200,000



Appendix C

Debt Service

2023 Debt Payment	Principal	Interest	Total
Revenue Bond	\$34,500,000	\$19,069,211	\$53,569,211
OWDA	\$23,951,771	\$6,067,171	\$30,018,942
OPWC	\$266,788	\$14,417	\$281,204
Capital Lease (Eng. Bldg)	\$860,000	\$207,050	\$1,067,050
Credit Facility Costs			\$800,000
TOTAL	\$59,578,558	\$25,357,848	\$85,736,407

Revenue Bond	Principal	Interest	Total
2014 Bonds	-	-	-
2015 Bonds	-	-	-
2019 Bonds	\$6,450,000	\$4,515,250	\$10,965,250
2020A Bonds	\$6,675,000	\$2,903,750	\$9,578,750
2022A Bonds	\$10,650,000	\$3,578,211	\$14,228,211
2024A Bonds	\$1,605,000	\$5,000,000	\$6,605,000
2024B Bonds	\$9,120,000	\$3,072,000	\$12,192,000
TOTAL	\$34,500,000	\$19,069,211	\$53,569,211