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TO: Gary Brown, Director  
Detroit Water and Sewer Department

FROM: David Whitaker, Director   
Legislative Policy Division

DATE: March 21, 2024

RE: Detroit Water and Sewerage Department FY 2024-2025 Budget Analysis

Attached is our analysis regarding the Detroit Water and Sewerage Department Budget for the City's Fiscal Year 2024-2025.

Please be prepared to respond to the questions raised in our analysis during your scheduled hearing on Friday, March 22, 2024, at 1:00 p.m. We would then appreciate a written response to the questions at your earliest convenience before or after your budget hearing. Please forward a copy of your responses to the Council members, the City Clerk's Office, and the Legislative Policy Division.

Please contact us if you have any questions regarding our analysis. Thank you for your cooperation in this matter.

Attachments:

Attachment: Finance Committee Presentation Final Proposed FY 2025 Operating Budget

Attachment: FY 2025 Water & Sewer Rates Schedule

Attachment: Water and Sewerage departments Mayor's proposed budget schedules

cc: Councilmembers  
Auditor General's Office  
Istakur Rahman, DWSD Chief Financial Officer  
Jay Rising, City of Detroit CFO  
Tanya Stoudemire, Chief Deputy Financial Officer  
Steven Watson, Deputy CFO/Budget Director  
Brad Dick, Group Executive-COO  
Justin Buss, Budget Analyst  
Malik Washington, Mayor's Office

## **Detroit Water and Sewerage Department (48) and (49)**

### **Analysis by the Legislative Policy Division for the City's FY 2024-2025 Budget**

#### **Mission of the Water Department**

The Water and Sewerage Department (DWSD) strives to exceed our customers' expectations through the efficient distribution of treated water, collection of wastewater for treatment and the provision of services that promote healthy communities and economic growth.

The Water Supply System is administratively part of DWSD while maintained as a separate fund in the City of Detroit's accounting system. The department leases five water treatment plants and 20 booster (re-pumping) stations and 19 reservoirs to the Great Lakes Water Authority (GLWA). Of these five water plants, two are in Detroit. There is one plant each in Allen Park, Dearborn, and Port Huron. Detroit is primarily served by the two Detroit water treatment plants with some support from the Allen Park and Dearborn facilities. There are three sources of raw water supply – Detroit River at Fighting Island, Detroit River at Belle Isle and Lake Huron north of Port Huron.

The main administrative offices are located at 735 Randolph in downtown Detroit, officially known as the Water Board Building. Approximately 3,438 miles of water transmission and distribution mains within the city of Detroit are owned by the department, and it maintains more than 2,700 miles of these pipes, with the remainder maintained by GLWA.

Bifurcated from GLWA on January 1, 2016, Detroit maintains its own local system under the authority of the six-member Board of Water Commissioners as appointed by the Mayor. The Detroit local system is made up of approximately 3,000 miles of sewer collection pipe and 2,700 miles of water mains serving the neighborhoods. Detroit has full authority to repair and rebuild the local system and serves as first responder to all service disruptions, including those of GLWA-leased assets, located within the City's boundaries.

GLWA will continue to operate the regional water and sewer assets which include the water treatment plants and other water facilities. GLWA operates under the authority of a six-member board appointed by several constituencies of the authority: 2 appointed by the Mayor of Detroit, 1 each by Wayne, Oakland, and Macomb Counties and 1 by the Governor from the service area outside the three counties.

#### **Mission of Sewerage Department**

The Water and Sewerage Department (DWSD) strives to exceed our customers' expectations through the efficient distribution of treated water, collection of wastewater for treatment, and the provision of services that promote healthy communities and economic growth.

The Sewerage Department is administratively part of DWSD while maintained as a separate Fund in the City of Detroit Accounting System. The DWSD sewer system originated in 1836, and today it consists of nine pump stations, nine wet weather treatment facilities to reduce combined sewer overflows (CSO) during major rain or snow events, and a total of 3,433 miles of sewer lines that carry rainwater, snowmelt and untreated sewage to the Water Resource Recovery Facility – the largest, single site wastewater treatment facility in North America. The facilities are leased to and operated by the Great Lakes Water Authority (GLWA). DWSD has installed 16 green stormwater infrastructure projects since 2015 that manage more than 61 million gallons of stormwater annually, further reducing CSOs and helping beautify neighborhoods. The Department currently services and sets water, sewer and drainage rates for more than 175,000 customers.

Bifurcated from GLWA on January 1, 2016, Detroit maintains its own local system under the authority of the seven-member Board of Water Commissioners as appointed by the Mayor. The Detroit local system is made up of approximately 3,000 miles of sewer collection pipe and 2,700 miles of water mains serving the neighborhoods. Detroit has full authority to repair and rebuild the local system and serves as first responder to all service disruptions, including those of GLWA-leased assets, located within the City's boundaries.

GLWA will continue to operate the regional water and sewer assets which include the water treatment plants and other water facilities. GLWA operates under the authority of a six-member board appointed by several constituencies of the authority: 2 appointed by the Mayor of Detroit, 1 each by Wayne, Oakland, and Macomb Counties and 1 by the Governor from the service area outside the three counties.

The first attachment is DWSD’s final proposed FY 2025 operating budget that was presented to the Board of Water Commissioners (BOWC) on March 6, 2024. Based on this document, DWSD’s operating budget (revenues and expenditures) increases by \$13.9 million in FY 2025, as depicted in the following chart:

| <b>Department</b>    | <b>Adopted operating budgets for FY 2024</b> | <b>DWSD’s proposed FY 2025 operating budgets</b> | <b>Difference</b>   |
|----------------------|--|--|---------------------|
| Water (Fund 5720)    | \$136,670,200                                | \$139,989,900                                    | \$ 3,319,700        |
| Sewerage (Fund 5820) | \$344,815,500                                | \$355,431,500                                    | \$10,616,000        |
| <b>Total</b>         | <b>\$481,485,700</b>                         | <b>\$495,421,400</b>                             | <b>\$13,935,700</b> |

On February 7, 2024, and again on March 6, 2024, the DWSD Executive Team presented a preliminary fiscal year 2025 Budget to their BOWC Finance Committee. The Team considered these factors in developing the Budget:

- Affordability – keep rate increases below 4% and support water conservation initiatives;
- Compassionate and responsive Customer Service;
- Operations that support and preserve Public Health; meet or exceed all federal, state and local Regulations;
- Employee and asset Safety;
- Water and Sewer Upgrades (including Lead Service Line replacement); and
- Employee Focus – training, retention and recruitment.

Also on March 6, 2024, the DWSD Executive Team presented an assessment of the current budget environment and highlights regarding DWSD’s proposed FY 2025 operating budget as follows:

- The Proposed FY 2025 Budget was developed in an inflationary environment. The annual inflation rate for the United States was 3.4% for the 12 months ending December 2023 according to U.S. Labor Department data.
- Even in this environment, the goal was to keep rate affordable and at the same time not compromise on service level initiatives. The Budget incorporates expenditure required to operate DWSD’s System for FY 25 and termed as “Revenue Requirement”.
- Total System-wide Revenue Requirement increased by 2.9% or \$13.9 million over FY 24.
- Departmental or Direct expenses increased by 3.2% or \$3.3 million and Non-Departmental or indirect expenses increased by 2.5% or \$9.5 million over FY 24. Revenue Financed Capital increase is projected at \$1.1 million.
- The increase is primarily due to increases in Professional & Contractual Services (\$3.8 million), GLWA’s Wholesale Charges (\$10.9 million), B&C Notes (\$3.5 million), Bad Debt (\$2.1 million).. These increases are offset by a decrease in Legacy Pension expense (\$7.5 million).
- Although 33 new positions (FTEs) are added to the budget, Salaries & Wages do not show that increase as two cost centers (Engineering and Lead Service Line) were moved from the Operating budget to the Improvement and Extension Fund budget.
- The Total Revenue Requirement of \$495.4 million is offset by non-rate revenue of \$22.9 million resulting in a rate revenue requirement of \$472.5 million. This represents a 3.9% rate revenue increase over FY 24.
- Additionally, the 3.9% increase in Rate Revenue is offset by moderate increase in volume and meter count averaging in the range of 0.6% to 0.7% over FY 24. This offset resulted in a rate increase of 3.2% on a Systemwide basis.
- This Budget proposes a 3.2% increase in rates across the System (except Private Fireline) to recover the Revenue Requirement necessary to operate the System for FY 25.

On March 6, 2024, the DWSD Finance Committee approved and recommended the FY 2025 budget to the Board of Water Commissioners (BOWC). This will be submitted to the BOWC's next meeting for approval on March 20, 2024.

Presented at the February 7, 2024, and again at the March 6, 2024 Finance Committee meeting, was a 3.2% increase in water and sewer rates, and drainage fees for FY 2025. The second attachment is a schedule showing the DWSD's proposed rates and fees for FY 2025. This schedule also shows the proposed 3.2% increase for water and sewer rates for FY 2025.

During the FY 2021 budget review, LPD asked if DWSD's management planned to come to City Council for approval of rate increases and budgets. DWSD's management responded by saying no. The third attachment represents LPD's FY 2021 questions and department's responses that provide more detail as why the answer was no.

**Issues and Questions**

1. The following chart shows the comparison between the Mayor's proposed DWSD FY 2025 operating budgets based on placeholder numbers and DWSD's proposed FY 2025 operating budgets as presented to the BOWC:

| Department           | Page reference in the Mayor's proposed FY 2025 operating budgets | Proposed DWSD operating budgets for FY 2025 (placeholder #s) | DWSD's proposed FY 2025 operating budgets presented to BOWC's | Difference          |
|----------------------|--|--|---|---------------------|
| Water (Fund 5720)    | B48-7  | \$136,670,200  | \$139,989,900   | \$ 3,319,700        |
| Sewerage (Fund 5820) | B49-6  | \$344,815,500  | \$355,431,500   | \$10,616,000        |
| <b>Total</b>         |  | <b>\$481,485,700</b>   | <b>\$495,421,400</b>  | <b>\$13,935,700</b> |

If the DWSD's proposed FY 2025 operating budgets are approved by the BOWC's on March 20, 2024, then pages B48-1 through B48-19 (Water Department) and B49-1 through B49-11 (Sewerage Department) as shown in the fourth attachment, need to be reformatted to reflect the final FY 2025 DWSD budget that was approved by the BOWC. DWSD needs to work with the Office of Budget to reflect the differences in the numbers in the Administration's Errata Letter to ensure the correct DWSD budget numbers are reflected in the FY 2025 budget adopted by the City Council.

2. Please briefly explain the department's new expense initiatives, new capital funding requests, operational reform and savings proposals, and new revenue initiatives/proposals to be implemented in FY 2025 for both the Water Fund and the Sewer Fund. Please provide which appropriation/cost center the new initiative/request/proposal is impacting in FY 2025.
3. Again, the first attachment is DWSD's final proposed FY 2025 operating budget that was presented to the Board of Water Commissioners (BOWC) on March 6, 2024. **This document provides explanations for variances from the FY 2024 to the proposed FY 2025 budget numbers.** As a result, LPD will not pose any questions regarding the proposed DWSD FY 2025 operating budgets from the FY 2025 budget book (fourth attachment). However, LPD does have the following questions on the DWSD document (page number from this document is referenced):
  - a. Page 7: Professional & Contractual Services for DWSD increase by \$3.85 million or 19.6% in FY 2025. Please explain which service levels will be improved and which service deliverables that are backlogged that will be addressed.
  - b. Page 9: Wholesale Charges increase by \$10.9 million or 4.9%. Is the change in the method of calculating DWSD's share in GLWA's Revenue Requirement a permanent change?
  - c. Page 19: Water and Sewer FTEs increase by 41 in FY 2025. Please explain the need for the new Deputy Director's position.

- d. Page 19: Please provide the current level of water and sewer vacant positions, and the department's strategy to fill those positions.
4. Please provide DWSD's proposed budgets for Fund 5721 WDWSR Imp & Ext, Fund 5740 WDWSR Water 2020 Bond Fund, Fund 5821 SDWSR Imp & Ext, and Fund 5831 SDWSR Sewerage Bond Fund since the budgets for these funds were not included in the document for the BOWC Finance Committee (first attachment). However, using the Mayor's proposed FY 2025 budgets for these funds in the fourth attachment, LPD has the following questions regarding these funds:
    - a. On page B48-7, please explain the \$20.8 million increase in professional & contractual services in Water Fund 5721 in FY 2025?
    - b. On page B48-7, please explain the \$8.1 million decrease in fixed charges in the Water Fund 5721 in FY 2025 budget.
    - c. On page B48-7, please explain why other expenses go away starting in FY 2025 in the Water Fund 5721.
    - d. On page B48-7, please explain the \$18.1 million decrease in professional & contractual services in the Water Fund 5740 in FY 2025 budget.
    - e. On page B49-6, please explain \$21.9 million decrease in professional & contractual services in the Sewerage Fund 5821 in FY 2025 budget.
    - f. On page B49-6, please explain why fixed charges and other expenses go away starting in FY 2025 in the Sewerage Fund 5821 in FY 2025 budget.
  5. Is DWSD planning to use ARPA funds to help residents deal with basement flooding prevention?
  6. What amount, if any, does DWSD anticipate receiving from the Federal infrastructure funds in FY 2025?
  7. Please provide an update on the Lifeline plan, including number of enrollees, and how it impacts the revenue for FY2025.
  8. How many residences are enrolled into the Lifeline Plan as of March 21, 2024?
  9. Please explain the 10/30/50 plan and how it impacts on the revenue for FY2025.
  10. How many residences are enrolled into the 10/30/50 plan as of March 21, 2024?
  11. Please provide DWSD's retail water and rate hikes for the last five fiscal years: FY 2020 through FY 2024 to see how this trend compares to the proposed rates for FY 2025.



# **FINAL PROPOSED FY 2025 OPERATING BUDGET**

## **BOWC Finance Committee**

**March 6, 2024**

# Budget Considerations

The DWSD Executive Team considered these factors in developing the Budget:

- ✓ **Affordability** – keep rate increases below 4% and support water conservation initiatives
- ✓ Compassionate and responsive **Customer Service**
- ✓ Operations that support and preserve **Public Health**; meet or exceed all federal, state and local **Regulations**
- ✓ Employee and asset **Safety**
- ✓ Water and Sewer **Upgrades** (including Lead Service Line replacement)
- ✓ **Employee Focus** – training, retention and recruitment

# Current Budget Environment and Highlights



- The Proposed FY 2025 Budget was developed in an inflationary environment. The annual inflation rate for the United States was 3.4% for the 12 months ending December 2023 according to U.S. Labor Department data.
- Even in this environment, the goal was to keep rate affordable and at the same time not compromise on service level initiatives. The Budget incorporates expenditure required to operate DWSD’s System for FY 25 and termed as “Revenue Requirement”.
- Total System-wide Revenue Requirement increased by 2.9% or \$13.9 million over FY 24.
- Departmental or Direct expenses increased by 3.2% or \$3.3 million and Non-Departmental or indirect expenses increased by 2.5% or \$9.5 million over FY 24. Revenue Financed Capital increase is projected at \$1.1 million.
- The increase is primarily due to increases in Professional & Contractual Services (\$3.8 million), GLWA’s Wholesale Charges (\$10.9 million), B&C Notes (\$3.5 million), Bad Debt (\$2.1 million).. These increases are offset by a decrease in Legacy Pension expense (\$7.5 million).
- Although 33 new positions (FTEs) are added to the budget, Salaries & Wages do not show that increase as two cost centers (Engineering and Lead Service Line) were moved from the Operating budget to the Improvement and Extension Fund budget.
- The Total Revenue Requirement of \$495.4 million is offset by non-rate revenue of \$22.9 million resulting in a rate revenue requirement of \$472.5 million. This represents a 3.9% rate revenue increase over FY 24.



# Current Budget Environment and Highlights



- Additionally, the 3.9% increase in Rate Revenue is offset by moderate increase in volume and meter count averaging in the range of 0.6% to 0.7% over FY 24. This offset resulted in a rate increase of 3.2% on a Systemwide basis.
- This Budget proposes a 3.2% increase in rates across the System (except Private Fireline) to recover the Revenue Requirement necessary to operate the System for FY 25.

## What Changed since the Preliminary Proposed Budget Presented on February 7, 2024?

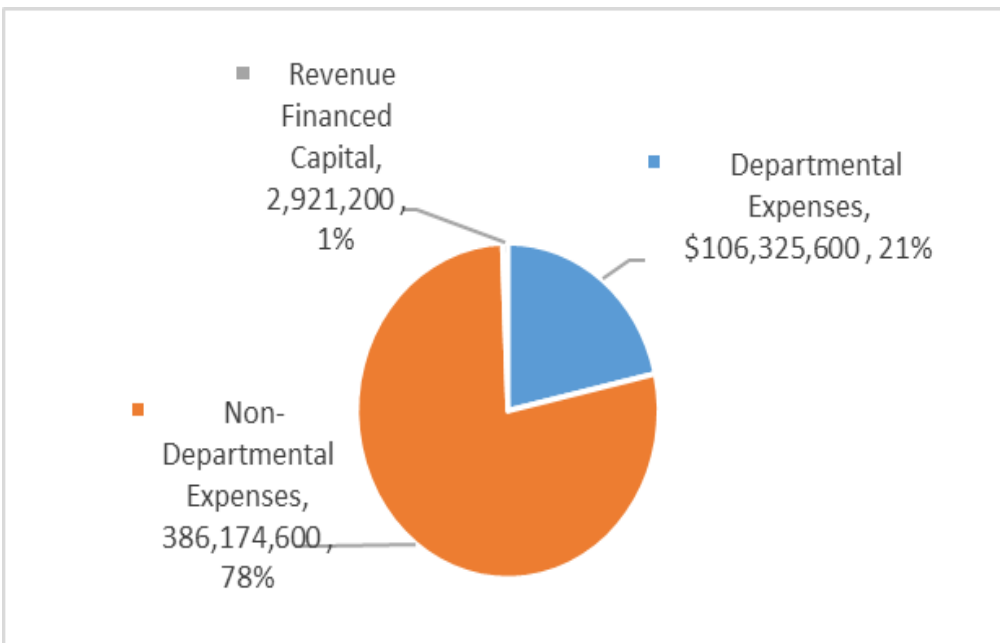
- Department expenses increased by \$166,600.
- This is due to incorporating new salary rates for certain members of the AFSCME and Teamsters Unions based on the new Bargaining agreements offset by decrease in certain contractual services.
- Addition of 2 FTEs to strengthen Financial Analysis capabilities and contract compliance.
- This increase in Departmental expenses is offset by decrease in Revenue Financed Capital leaving the Systemwide Revenue Requirement unchanged.

## Revenue Requirement - Systemwide

| Water & Sewer Funds Combined                   | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change               | %<br>Change |
|--|----------------------------|----------------------------|----------------------|-------------|
| <b>Budgeted Expenses (Revenue Requirement)</b> |                            |                            |                      |             |
| Departmental Expenses                          | \$ 102,982,500             | \$ 106,325,600             | \$ 3,343,100         | 3.2%        |
| Non-Departmental Expenses                      | 376,682,100                | 386,174,600                | 9,492,500            | 2.5%        |
| Revenue Financed Capital                       | 1,821,100                  | 2,921,200                  | 1,100,100            | 60.4%       |
| <b>Total System-Wide Revenue Requirement</b>   | <b>\$ 481,485,700</b>      | <b>\$ 495,421,400</b>      | <b>\$ 13,935,700</b> | <b>2.9%</b> |
| <b>Revenue Requirement by Fund</b>             |                            |                            |                      |             |
| Water Fund Total Revenue Requirement           | \$ 136,670,200             | \$ 139,989,900             | \$ 3,319,700         | 2.4%        |
| Sewer Fund Total Revenue Requirement           | \$ 344,815,500             | \$ 355,431,500             | \$ 10,616,000        | 3.1%        |
| <b>Total System-Wide Revenue Requirement</b>   | <b>\$ 481,485,700</b>      | <b>\$ 495,421,400</b>      | <b>\$ 13,935,700</b> | <b>2.9%</b> |

- Three components make the Revenue Requirement at DWSD and reflects the projected annual expense budget required to operate the System as a whole.
- Water Fund Revenue Requirement increased by 2.4% while Sewer Fund increased by 3.1 % with an overall Systemwide Revenue Requirement increase of 2.9% over FY 2024.
- Department (Direct) expenses increased by 3.2% and Non-Departmental (Indirect) Expenses increased by 2.5%.

# Revenue Requirement - Systemwide



- This slide summarizes the projected share of each of the three components of Revenue Requirement.
- Departmental expenses (generally controllable by DWSD) of \$106 million represents only 21% of the total Revenue Requirement.
- Non-Departmental expenses (expenses over which DWSD has no or very little control) of \$386 million make up 78% of the total Revenue Requirement.

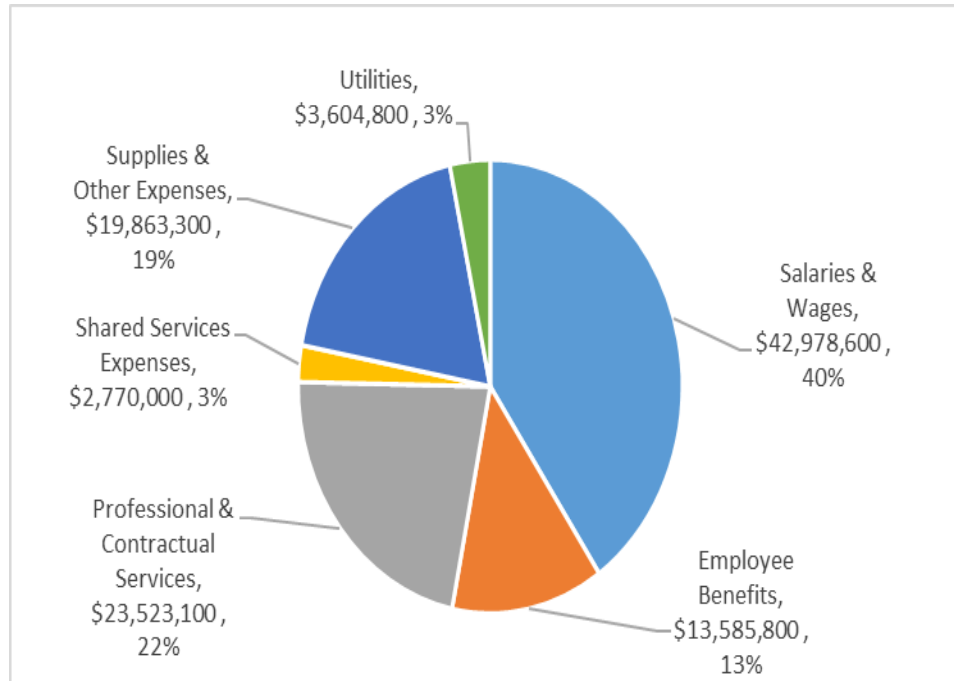


# Departmental Expenses - Systemwide

| Water & Sewer Funds Combined        | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change              | %<br>Change |
|-------------------------------------|----------------------------|----------------------------|---------------------|-------------|
| <b>Departmental Expenses</b>        |                            |                            |                     |             |
| Salaries & Wages                    | \$ 42,593,800              | \$ 42,978,600              | \$ 384,800          | 0.9%        |
| Employee Benefits                   | 13,954,300                 | 13,585,800                 | (368,500)           | -2.6%       |
| Professional & Contractual Services | 19,675,700                 | 23,523,100                 | 3,847,400           | 19.6%       |
| Shared Services Expenses            | 2,725,000                  | 2,770,000                  | 45,000              | 1.7%        |
| Supplies & Other Expenses           | 20,170,900                 | 19,863,300                 | (307,600)           | -1.5%       |
| Utilities                           | 3,862,800                  | 3,604,800                  | (258,000)           | -6.7%       |
| <b>Total Departmental Expenses</b>  | <b>\$ 102,982,500</b>      | <b>\$ 106,325,600</b>      | <b>\$ 3,343,100</b> | <b>3.2%</b> |

- Departmental expenses increased by 3.2% or \$3.3 million over FY 24.
- Majority of the increase is in Professional & Contractual Services to help improve service levels as well as to address back log in service deliverables.
- Some new and/or expanded initiatives for FY 25 include Fire Flow Test (\$0.5 million), Permitted Service Line Connection & Disconnection (\$0.5 million), Traffic Control (\$0.5 million), Catch Basin Cleanup (\$1.0 million), Hydrant Blasting (\$0.75 million), increase in Soft Restoration (\$1.0 million).

# Departmental Expenses - Systemwide



- This slide summarizes the share of the various departmental expenses in the Revenue Requirement structure.
- Personnel costs consisting of Salaries & Wages and Benefits make up 53% of the total Departmental expenses budget.
- Headcount is projected to increase by 33 FTEs and is primarily to support DWSD's strategic initiatives to provide better service delivery and to also to catch up on backlog of service deliverables.

# Non-Departmental Expenses - Systemwide

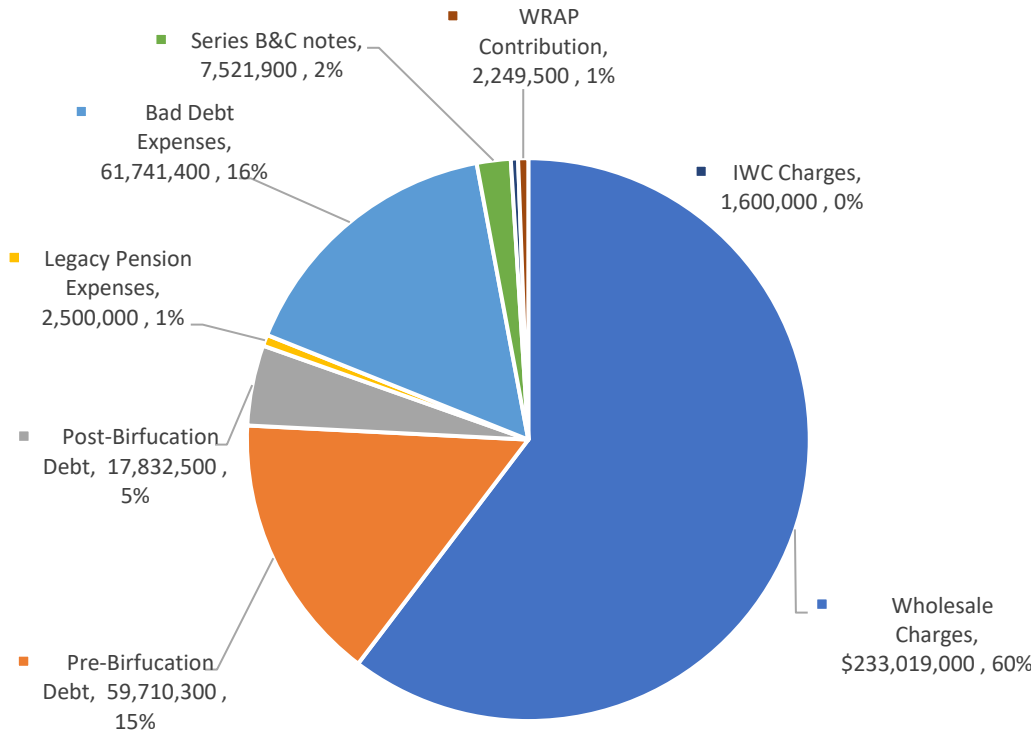


Water & Sewerage  
Department

| Water & Sewer Funds Combined           | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change              | %<br>Change |
|--|----------------------------|----------------------------|---------------------|-------------|
| <b>Non-Departmental Expenses</b>       |                            |                            |                     |             |
| Wholesale Charges                      | \$ 222,106,800             | \$ 233,019,000             | \$ 10,912,200       | 4.9%        |
| Pre-Birfucation Debt                   | 59,710,300                 | 59,710,300                 | -                   |             |
| Post-Birfucation Debt                  | 17,476,500                 | 17,832,500                 | 356,000             | 2.0%        |
| Legacy Pension Expenses                | 10,000,000                 | 2,500,000                  | (7,500,000)         | -75.0%      |
| Bad Debt Expenses                      | 59,613,400                 | 61,741,400                 | 2,128,000           | 3.6%        |
| Series B&C notes                       | 3,983,200                  | 7,521,900                  | 3,538,700           | 88.8%       |
| IWC Charges                            | 1,600,000                  | 1,600,000                  | -                   |             |
| WRAP Contribution                      | 2,191,900                  | 2,249,500                  | 57,600              | 2.6%        |
| <b>Total Non-Departmental Expenses</b> | <b>\$ 376,682,100</b>      | <b>\$ 386,174,600</b>      | <b>\$ 9,492,500</b> | <b>2.5%</b> |

- Non-Departmental expenses increased by 2.5% or \$9.5 million over FY 24.
- Wholesale Charges increase of \$10.9 million is due to a change in the method of calculating DWSD's SHARE in GLWA's Revenue Requirement and is based on water demand, including annual volumes and peak periods and a new calculation based on Asset Registry.
- Bad Debt increased by \$2.1 million due to increase in Revenue Requirement.
- Increase in B&C Notes of \$3.5 million is based on Debt Service Schedule which has an increasing payment requirement as the Notes mature.
- Decrease in Legacy pension costs is due to expiration of the Pension agreement at the end of FY 23 that resulted in savings of \$7.5 million.

# Non-Departmental Expenses - Systemwide



- This slide summarizes the share of each non-departmental expense in the Revenue Requirement structure.
- These expenses represent costs over which DWSD has no or little control.
- Wholesale Charges are based on GLWA’s Revenue Requirement and makes up 60% of total Non-Departmental costs.
- Pre and Post Bifurcation debt are fixed commitments for DWSD and accounts for 20% of the total.
- Bad Debt is the 3<sup>rd</sup> largest cost category and accounts for 16% of the total Non-Departmental costs.

# How To Fund Revenue Requirement?



Water & Sewerage  
Department

| Water & Sewer Funds Combined             | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change                | %<br>Change   |
|--|----------------------------|----------------------------|-----------------------|---------------|
| <b>Revenue Requirement</b>               |                            |                            |                       |               |
| Retail Revenue                           |                            |                            |                       |               |
| Rate Revenue                             | \$ 454,800,900             | \$ 472,491,800             | \$ 17,690,900         | 3.9%          |
| Non-Rate Revenue -Fines, Penalties, etc. | 12,710,000                 | 11,700,000                 | (1,010,000)           | -7.9%         |
| <b>Total Retail Revenue</b>              | <b>\$ 467,510,900</b>      | <b>\$ 484,191,800</b>      | <b>\$ 16,680,900</b>  | <b>3.6%</b>   |
| Non-Retail Revenue                       |                            |                            |                       |               |
| Shared Services Revenue                  | \$ 2,500,000               | \$ 2,500,000               | \$ -                  | -             |
| GLWA Share of Pension and Notes          | 9,874,800.0                | 7,129,600.0                | (2,745,200.0)         | -27.8%        |
| IWC Charges                              | 1,600,000.0                | 1,600,000.0                | -                     | 0.0%          |
| <b>Total Non-Retail Revenue</b>          | <b>\$ 13,974,800</b>       | <b>\$ 11,229,600</b>       | <b>\$ (2,745,200)</b> | <b>-19.6%</b> |
| <b>Total Revenue Requirement</b>         | <b>\$ 481,485,700</b>      | <b>\$ 495,421,400</b>      | <b>\$ 13,935,700</b>  | <b>2.9%</b>   |

| Water & Sewer Funds Combined          | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change               | %<br>Change |
|---------------------------------------|----------------------------|----------------------------|----------------------|-------------|
| <b>Rate Revenue Requirement</b>       |                            |                            |                      |             |
| Total Revenue Requirement             | \$ 481,485,700             | \$ 495,421,400             | \$ 13,935,700        | 2.9%        |
| Less: Shared Services Revenue         | (2,500,000)                | (2,500,000)                | -                    | -           |
| Less: GLWA's share of Pension         | (9,874,800)                | (7,129,600)                | 2,745,200            | -27.8%      |
| Less: IWC Charges                     | (1,600,000)                | (1,600,000)                | -                    | 0.0%        |
| Less: Non-Rate Revenue                | (12,710,000)               | (11,700,000)               | 1,010,000            | -7.9%       |
| <b>Total Rate Revenue Requirement</b> | <b>\$ 454,800,900</b>      | <b>\$ 472,491,800</b>      | <b>\$ 17,690,900</b> | <b>3.9%</b> |

- RR are funded by **Retail Revenue** (Rate Revenue and Non-Rate Revenue) and **Non-Retail Revenue** (Shared Services Revenue and GLWA's share of Pension and Notes).



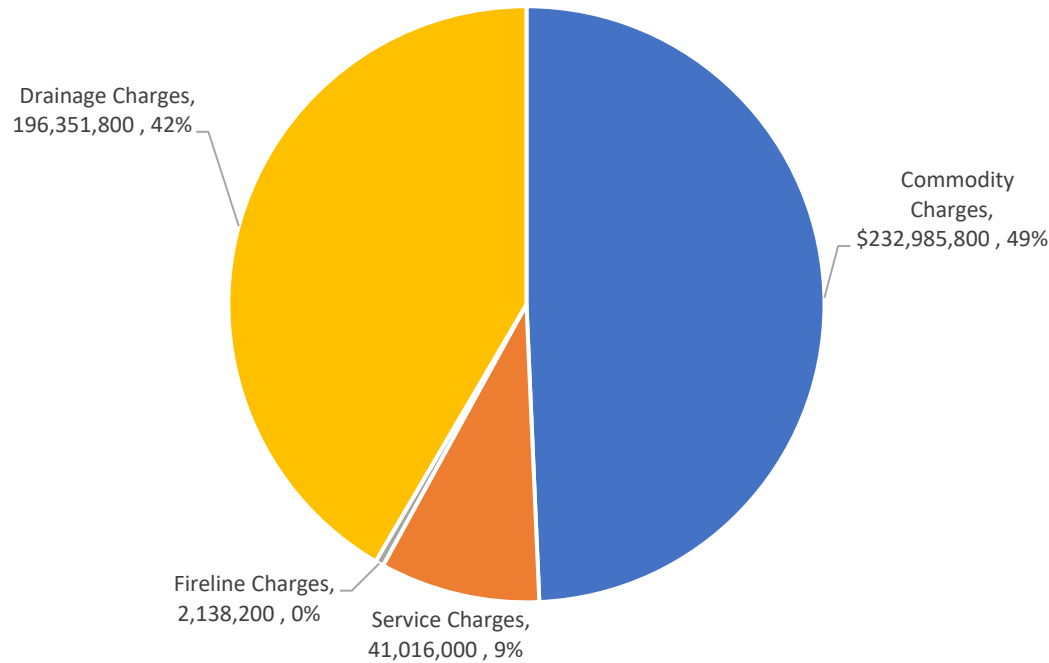


# Components of Rate Revenue Requirement

| Water & Sewer Funds Combined                | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change               | %<br>Change |
|---|----------------------------|----------------------------|----------------------|-------------|
| <b>Estimated Rate Revenue</b>               |                            |                            |                      |             |
| Commodity Charges                           | \$ 224,239,700             | \$ 232,985,800             | \$ 8,746,100         | 3.9%        |
| Service Charges                             | 39,476,600                 | 41,016,000                 | 1,539,400            | 3.9%        |
| Fireline Charges                            | 2,102,700                  | 2,138,200                  | 35,500               | 1.7%        |
| Drainage Charges                            | 188,981,900                | 196,351,800                | 7,369,900            | 3.9%        |
| <b>Total Estimated Rate Revenue</b>         | <b>\$ 454,800,900</b>      | <b>\$ 472,491,800</b>      | <b>\$ 17,690,900</b> | <b>3.9%</b> |
| <b>Estimated Rate Revenue by Fund</b>       |                            |                            |                      |             |
| Water Fund Rate Revenue Requirement         | \$ 127,887,200             | \$ 132,829,100             | \$ 4,941,900         | 3.9%        |
| Sewer Fund Rate Revenue Requirement         | 326,913,700                | 339,662,700                | 12,749,000           | 3.9%        |
| <b>Total Estimated Rate Revenue by Fund</b> | <b>\$ 454,800,900</b>      | <b>\$ 472,491,800</b>      | <b>\$ 17,690,900</b> | <b>3.9%</b> |

- This chart breaks down Rate Revenue Requirement by revenue categories.
- Both Water and Sewer Fund Rate Revenue requirements are projected to increase by 3.9%.
- This increase in Rate Revenue Requirement is offset by volume and meter count increases resulting in a projected rate increase of 3.2% over FY 24 for all sources of revenues (except for Private Fireline).
- Private Fireline rate is projected to increase by 1.7% over FY 24.

# Components of Rate Revenue Requirement



- This slide represents the share of each Rate Revenue source that is required to fund the Revenue Requirement.
- Commodity Charges make up 49% of total Rate Revenue Requirement.
- Drainage Charges make 42% of the total Rate Revenue Requirement.

# Volumes and Rates - Water Fund



Water & Sewerage  
Department

| Water Fund                                      | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change               | %<br>Change |
|---|----------------------------|----------------------------|----------------------|-------------|
| <b>Volumetric Charges</b>                       |                            |                            |                      |             |
| Units (Mcf)                                     |                            |                            |                      |             |
| Tier 1 Volume (up to 0.6 Mcf)                   | 845,000                    | 851,000                    | 6,000                | 0.7%        |
| <b>Tier 1 Volume Rate per Mcf</b>               | <b>\$ 25.87</b>            | <b>\$ 26.69</b>            | <b>\$ 0.82</b>       | <b>3.2%</b> |
| Total Tier 1 Volumetric Charges                 | \$ 21,860,150              | \$ 22,713,190              | \$ 853,040           | 3.9%        |
| Tier 2 Volume (> 0.6Mcf)                        | 1,715,000                  | 1,727,000                  | 12,000               | 0.7%        |
| <b>Tier 2 Volume Rate per Mcf</b>               | <b>\$ 46.37</b>            | <b>\$ 47.84</b>            | <b>\$ 1.47</b>       | <b>3.2%</b> |
| Total Tier 2 Volumetric Charges                 | \$ 79,524,550              | \$ 82,619,680              | \$ 3,095,130         | 3.9%        |
| <b>Total Volumetric Charges</b>                 | <b>\$ 101,384,700</b>      | <b>\$ 105,332,900</b>      | <b>\$ 3,948,200</b>  | <b>3.9%</b> |
| <b>Services Charges</b>                         |                            |                            |                      |             |
| Equivalent Units                                |                            |                            |                      |             |
| Customers (Meters)                              | 192,000                    | 193,200                    | 1,200                | 0.6%        |
| Service Line Equivalent                         | 244,000                    | 245,500                    | 1,500                | 0.6%        |
| Connections Equivalent                          | 368,000                    | 370,200                    | 2,200                | 0.6%        |
| Charges per Equivalent Unit per Month           |                            |                            |                      |             |
| Customers (Meters)                              | \$ 2.94                    | \$ 3.04                    | \$ 0.10              | 3.4%        |
| Service Line Equivalent                         | \$ 2.72                    | \$ 2.80                    | \$ 0.08              | 2.9%        |
| Connections Equivalent                          | \$ 2.19                    | \$ 2.26                    | \$ 0.07              | 3.2%        |
| <b>Rate per 5/8" Equivalent Meter per Month</b> | <b>\$ 7.85</b>             | <b>\$ 8.10</b>             | <b>\$ 0.25</b>       | <b>3.2%</b> |
| Number of Months                                | 12                         | 12                         | 12                   |             |
| <b>Total Service Charges</b>                    | <b>\$ 24,400,700</b>       | <b>\$ 25,352,100.00</b>    | <b>\$ 951,400.00</b> | <b>3.9%</b> |
| <b>Fireline Charges</b>                         |                            |                            |                      |             |
| 6" Equivalent Connections                       | 2,057                      | 2,057                      | -                    | -           |
| <b>Rate per 6" Equivalent Unit per Month</b>    | <b>\$ 85.18</b>            | <b>\$ 86.62</b>            | <b>\$ 1.44</b>       | <b>1.7%</b> |
| Number of Months                                | 12                         | 12                         |                      |             |
| <b>Total Fireline Charges</b>                   | <b>\$ 2,102,700</b>        | <b>\$ 2,138,200</b>        | <b>\$ 35,500</b>     | <b>1.7%</b> |

# Volumes and Rates - Sewer Fund



Water & Sewerage  
Department

| Sewer Fund                                      | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change              | %<br>Change |
|---|----------------------------|----------------------------|---------------------|-------------|
| <b>Volumetric Charges</b>                       |                            |                            |                     |             |
| Units (Mcf)                                     |                            |                            |                     |             |
| Residential Average Winter Usage                | 946,000                    | 952,600                    | 6,600               | 0.01        |
| Non-Residential Volume                          | 1,204,000                  | 1,212,400                  | 8,400               | 0.7%        |
| Total Volume                                    | 2,150,000                  | 2,165,000                  | 15,000              | 0.7%        |
| <b>Sewer Volume Rate per Mcf</b>                | <b>\$ 57.14</b>            | <b>\$ 58.96</b>            | <b>\$ 1.82</b>      | <b>3.2%</b> |
| <b>Total Volumetric Charges</b>                 | <b>\$ 122,855,900</b>      | <b>\$ 127,647,000</b>      | <b>\$ 4,791,100</b> | <b>3.9%</b> |
| <b>Service Charges</b>                          |                            |                            |                     |             |
| Equivalent Units                                |                            |                            |                     |             |
| Customers (Meters)                              | 192,000                    | 193,000                    | 1,000               | 0.01        |
| Meter & Service Lines                           | 192,000                    | 193,200                    | 1,200               | 0.01        |
| Charges per Equivalent Unit per Month           |                            |                            |                     |             |
| Customers (Meters)                              | \$ 3.07                    | \$ 3.17                    | \$ 0.10             | 3.3%        |
| Service Line Equivalents                        | \$ 3.48                    | \$ 3.59                    | \$ 0.11             | 3.2%        |
| <b>Rate per 5/8" Equivalent Meter per Month</b> | <b>\$ 6.55</b>             | <b>\$ 6.76</b>             | <b>\$ 0.21</b>      | <b>3.2%</b> |
| Number of Months                                | 12                         | 12                         | 12                  |             |
| <b>Total Service Charges</b>                    | <b>\$ 15,075,900</b>       | <b>\$ 15,663,900</b>       | <b>\$ 588,000</b>   | <b>3.9%</b> |
| <b>Drainage Charges</b>                         |                            |                            |                     |             |
| Impervious Acres                                | 26,363                     | 26,100                     | (263.00)            | -1.0%       |
| <b>Rate per Impervious Acre per Month</b>       | <b>\$ 695.57</b>           | <b>\$ 718.06</b>           | <b>\$ 22.49</b>     | <b>3.2%</b> |
| Number of Months                                | 12                         | 12                         |                     |             |
| Total Drainage Charges                          | \$ 220,047,700             | \$ 224,896,400             | \$ 4,848,700        | 2.2%        |
| Credits   | (31,065,800)               | (28,544,600)               | 2,521,200           | -8.1%       |
| <b>Total Drainage Charges</b>                   | <b>\$ 188,981,900</b>      | <b>\$ 196,351,800</b>      | <b>\$ 7,369,900</b> | <b>3.9%</b> |



# Rate Structure – Water and Sewer Funds

| Water Fund                                | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change   | %<br>Change |
|---|----------------------------|----------------------------|----------|-------------|
| <b>Proposed Rates</b>                     |                            |                            |          |             |
| Volumetric Rate per Mcf                   |                            |                            |          |             |
| Tier 1 (upto 0.6 Mcf)                     | \$ 25.87                   | \$ 26.69                   | \$ 0.82  | 3.2%        |
| Tier 2 (> 0.6Mcf)                         | \$ 46.37                   | \$ 47.84                   | \$ 1.47  | 3.2%        |
| Service Rate/equivalent unit per month    | \$ 7.85                    | \$ 8.10                    | \$ 0.25  | 3.2%        |
| Fireline Rate/equivalent unit per month   | \$ 85.18                   | \$ 86.62                   | \$ 1.44  | 1.7%        |
| <b>Sewer Fund</b>                         |                            |                            |          |             |
| Sewer Fund                                | Approved Budget<br>FY 2024 | Proposed Budget<br>FY 2025 | Change   | %<br>Change |
| <b>Proposed Rates</b>                     |                            |                            |          |             |
| Volumetric Rate per Mcf                   |                            |                            |          |             |
|   | \$ 57.14                   | \$ 58.96                   | \$ 1.82  | 3.2%        |
| Service Rate/equivalent unit per month    | \$ 6.55                    | \$ 6.76                    | \$ 0.21  | 3.2%        |
| Drainage Rate per Billable acre per month | \$ 695.57                  | \$ 718.06                  | \$ 22.49 | 3.2%        |

- Rates are proposed to increase by 3.2% for all categories except for Private Fireline (1.7%).
- These proposed rates are required to meet the Systemwide Revenue Requirement.

# Summary of Revenues and Expenses - Water Fund



Water & Sewerage  
Department

|  | Approved<br>Budget<br>FY 2024 | Proposed<br>Budget<br>FY 2025 | Change                       | %<br>Change          |
|--|-------------------------------|-------------------------------|------------------------------|----------------------|
| <b>Revenue Requirement</b>                 |                               |                               |                              |                      |
| <b>Retail Revenue</b>                      |                               |                               |                              |                      |
| Commodity Sales                            | \$ 101,383,800                | \$105,338,800                 | \$ 3,955,000                 | 3.9%                 |
| Service Charges                            | 24,400,700                    | 25,352,100                    | 951,400                      | 3.9%                 |
| Firelines                                  | 2,102,700                     | 2,138,200                     | 35,500                       | 1.7%                 |
| Permits, Penalties and Other Revenue       | <u>4,210,000</u>              | <u>3,700,000</u>              | <u>(510,000)</u>             | <b>-12.1%</b>        |
| <b>Total Retail Revenue</b>                | <b><u>\$ 132,097,200</u></b>  | <b><u>\$136,529,100</u></b>   | <b><u>\$ 4,431,900</u></b>   | <b><u>3.4%</u></b>   |
| <b>Non-Retail Revenue</b>                  |                               |                               |                              |                      |
| GLWA Share of Pension and Notes            | \$ 3,395,500                  | \$ 2,283,300                  | \$ (1,112,200)               | -32.8%               |
| Shared Services                            | <u>1,177,500</u>              | <u>1,177,500</u>              | <u>-</u>                     | <u>0.0%</u>          |
| <b>Total Non-Retail Revenue</b>            | <b><u>\$ 4,573,000</u></b>    | <b><u>\$ 3,460,800</u></b>    | <b><u>\$ (1,112,200)</u></b> | <b><u>-24.3%</u></b> |
| <b>Total Revenue Requirement</b>           | <b><u>\$ 136,670,200</u></b>  | <b><u>\$139,989,900</u></b>   | <b><u>\$ 3,319,700</u></b>   | <b><u>2.4%</u></b>   |
| <b>Revenue Requirement</b>                 |                               |                               |                              |                      |
| <b>Departmental (Direct) Expense</b>       |                               |                               |                              |                      |
| Administration                             | \$ 830,200                    | \$ 835,900                    | \$ 5,700                     | 0.7%                 |
| Operations                                 | 26,225,400                    | 26,710,000                    | 484,600                      | 1.8%                 |
| Compliance                                 | 12,032,500                    | 13,572,100                    | 1,539,600                    | 12.8%                |
| Finance                                    | <u>6,866,200</u>              | <u>6,528,200</u>              | <u>(338,000)</u>             | <b>-4.9%</b>         |
| <b>Total Departmental (Direct) Expense</b> | <b><u>\$ 45,954,300</u></b>   | <b><u>\$ 47,646,200</u></b>   | <b><u>\$ 1,691,900</u></b>   | <b><u>3.7%</u></b>   |
| <b>Non-Departmental (Indirect) Expense</b> | 90,364,300                    | 90,823,400                    | 459,100                      | 0.5%                 |
| <b>Revenue Financed Capital</b>            | <u>351,600</u>                | <u>1,520,300</u>              | <u>1,168,700</u>             | <b>332.4%</b>        |
| <b>Total Revenue Requirement</b>           | <b><u>\$ 136,670,200</u></b>  | <b><u>\$139,989,900</u></b>   | <b><u>\$ 3,319,700</u></b>   | <b><u>2.4%</u></b>   |

# Summary of Revenues and Expenses - Sewer Fund



Water & Sewerage  
Department

|  | Approved<br>Budget<br>FY 2024 | Proposed<br>Budget<br>FY 2025 | Change                | %<br>Change   |
|--|-------------------------------|-------------------------------|-----------------------|---------------|
| <b>Revenue Requirement</b>                 |                               |                               |                       |               |
| <b>Retail Revenue</b>                      |                               |                               |                       |               |
| Commodity Sales                            | \$ 122,855,900                | \$127,647,000                 | \$ 4,791,100          | 3.9%          |
| Service Charges                            | 15,075,900                    | 15,663,900                    | 588,000               | 3.9%          |
| Drainage Fees                              | 188,981,900                   | 196,351,800                   | 7,369,900             | 3.9%          |
| Permits, Penalties and Other Revenue       | 8,500,000                     | 8,000,000                     | (500,000)             | -5.9%         |
| <b>Total Retail Revenue</b>                | <b>\$ 335,413,700</b>         | <b>\$347,662,700</b>          | <b>\$ 12,249,000</b>  | <b>3.7%</b>   |
| <b>Non-Retail Revenue</b>                  |                               |                               |                       |               |
| GLWA Share of Pension and Notes            | \$ 6,479,300                  | \$ 4,846,300                  | \$ (1,633,000)        | -25.2%        |
| IWC Charges                                | 1,600,000                     | 1,600,000                     | -                     | 100.0%        |
| Shared Services                            | 1,322,500                     | 1,322,500                     | -                     | 0.0%          |
| <b>Total Non-Retail Revenue</b>            | <b>\$ 9,401,800</b>           | <b>\$ 7,768,800</b>           | <b>\$ (1,633,000)</b> | <b>-17.4%</b> |
| <b>Total Revenue Requirement</b>           | <b>\$ 344,815,500</b>         | <b>\$355,431,500</b>          | <b>\$ 10,616,000</b>  | <b>3.1%</b>   |
| <b>Revenue Requirement</b>                 |                               |                               |                       |               |
| <b>Departmental (Direct) Expense</b>       |                               |                               |                       |               |
| Administration                             | \$ 932,300                    | \$ 938,900                    | \$ 6,600              | 0.7%          |
| Operations                                 | 27,937,100                    | 28,786,200                    | 849,100               | 3.0%          |
| Compliance                                 | 18,600,800                    | 19,758,600                    | 1,157,800             | 6.2%          |
| Finance                                    | 9,558,000                     | 9,195,700                     | (362,300)             | -3.8%         |
| <b>Total Departmental (Direct) Expense</b> | <b>\$ 57,028,200</b>          | <b>\$ 58,679,400</b>          | <b>\$ 1,651,200</b>   | <b>2.9%</b>   |
| <b>Non-Departmental (Indirect) Expense</b> | 286,317,800                   | 295,351,200                   | 9,033,400             | 3.2%          |
| <b>Revenue Financed Capital</b>            | 1,469,500                     | 1,400,900                     | (68,600)              | -4.7%         |
| <b>Total Revenue Requirement</b>           | <b>\$ 344,815,500</b>         | <b>\$355,431,500</b>          | <b>\$ 10,616,000</b>  | <b>3.1%</b>   |

# FTEs – Water and Sewer Funds



| Cost Center                                  | Approved Budget FY 2024 FTE | Proposed Budget FY 2025 FTE | Increase (Decrease) |
|--|-----------------------------|-----------------------------|---------------------|
| <b>Operation &amp; Maintenance (O&amp;M)</b> |                             |                             |                     |
| Chief Exec Officer                           | 6                           | 5                           | (1)                 |
| BOWC   | 1                           | 1                           | -                   |
| Deputy Director                              | -                           | 1                           | 1                   |
| Facility Operation                           | 15                          | 16                          | 1                   |
| Storm Water Management                       | 28                          | 28                          | -                   |
| Fleet Operation                              | 20                          | 22                          | 2                   |
| Maintenance & Repairs                        | 214                         | 232                         | 18                  |
| Meter Operation                              | 63                          | 63                          | -                   |
| General Counsel                              | 9                           | 9                           | -                   |
| Organization Development                     | 11                          | 18                          | 7                   |
| Information Technology                       | 35                          | 38                          | 3                   |
| Security                                     | 34                          | 31                          | (3)                 |
| Public Affairs                               | 6                           | 6                           | -                   |
| Customer Service                             | 88                          | 96                          | 8                   |
| Chief Financial Officer                      | 5                           | 3                           | (2)                 |
| Finance (Controller)                         | 13                          | 16                          | 3                   |
| Procurement                                  | 26                          | 26                          | -                   |
| Treasury                                     | 4                           | 4                           | -                   |
| Budget                                       | 3                           | 3                           | -                   |
| Billing & Collection                         | 22                          | 18                          | (4)                 |
| Internal Audit                               | 2                           | 2                           | -                   |
| <b>Total for O&amp;M</b>                     | <b>605</b>                  | <b>638</b>                  | <b>33</b>           |
| <b>Improvement &amp; Extension (I&amp;E)</b> |                             |                             |                     |
| Field Engineering                            | 69                          | 72                          | 3                   |
| Lead Service                                 | 20                          | 25                          | 5                   |
| <b>Total for I&amp;E</b>                     | <b>89</b>                   | <b>97</b>                   | <b>8</b>            |
| <b>Grand Total (O&amp;M and I&amp;E)</b>     | <b>694</b>                  | <b>735</b>                  | <b>41</b>           |

- FTEs increase by 33 headcount for Operating budget and by 8 for the I&E budget.
- Increase in Operating budget is primarily in Operations Cost Centers accounting for 63.6% of the total increase in FTEs.
- This strategy of increasing headcount for Operations is in keeping with DWSD’s strategic initiative to enhance service levels and reduce backlog in service deliveries.
- Increase in I&E FTE budget is primarily due to increase in FTEs for Lead Service Line to expand the Program with in-house resources.



# Customer Impact of FY25 Budget

These value-added benefits will occur through the proposed Budget:

- **Clean 500 miles of sewer** to provide capacity to the current design standards -- clean entire system in a five-year cycle
- **Inspect and clean 6,000 catch basins** annually to reduce street flooding
- **Replace 8,000 lead service lines** with a goal to remove all lines within 10 years – more than 5,000 have been replaced since 2018
- **Paint 5,000 fire hydrants** which reduces corrosion -- 1,000 were painted in Fall 2023
- Complete the **Far West project's stormwater management features (100 million gallons annually)**, initiate the **East Side Resiliency Study**, and further pursue at least **two other westside Green Stormwater Infrastructure projects**

# Next Steps



- DWSD Finance will seek the Finance Committee’s approval of the FY 25 Proposed Operating Budget and Water, Sewer and Drainage Rates on **March 6, 2024**, and its recommendation of the Proposed Budget and Rates to the full Board for its approval on **March 20, 2024**.
- City Council review of DWSD’s FY 25 Operating Budget and Rates will be on March 22, 2024.
- Water, Sewer and Drainage Rates for FY 25 becomes effective on **July 1, 2024**.



# THANK YOU!

**Detroit Water & Sewerage Department**

For more information visit: [www.detroitmi.gov/dwsd](http://www.detroitmi.gov/dwsd)

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**Schedule of Rates and Fees**

| <b>Water Fund</b>                       | <b>Approved Rates<br/>FY 2024</b> | <b>Proposed Rates<br/>FY 2025</b> | <b>Change</b> | <b>% Change</b> |
|---|-----------------------------------|-----------------------------------|---------------|-----------------|
| <b>Proposed Rates</b>                   |                                   |                                   |               |                 |
| Volumetric Rate per Mcf                 |                                   |                                   |               |                 |
| Tier 1 (up to 0.6 Mcf)                  | \$ 25.87                          | \$ 26.69                          | \$ 0.82       | 3.2%            |
| Tier 2 (> 0.6M cf)                      | \$ 46.37                          | \$ 47.84                          | \$ 1.47       | 3.2%            |
| Service Rate/equivalent unit per month  | \$ 7.85                           | \$ 8.10                           | \$ 0.25       | 3.2%            |
| Fireline Rate/equivalent unit per month | \$ 85.18                          | \$ 86.62                          | \$ 1.44       | 1.7%            |

| <b>Sewer Fund</b>                         | <b>Approved Rates<br/>FY 2024</b> | <b>Proposed Rates<br/>FY 2025</b> | <b>Change</b> | <b>% Change</b> |
|---|-----------------------------------|-----------------------------------|---------------|-----------------|
| <b>Proposed Rates</b>                     |                                   |                                   |               |                 |
| Volumetric Rate per Mcf                   | \$ 57.14                          | \$ 58.96                          | \$ 1.82       | 3.2%            |
| Service Rate/equivalent unit per month    | \$ 6.55                           | \$ 6.76                           | \$ 0.21       | 3.2%            |
| Drainage Rate per Billable acre per month | \$ 695.57                         | \$ 718.06                         | \$ 22.49      | 3.2%            |

| Service Type   | Fees          |  |
|--|---------------|--|
|  | Current Fee   | Proposed Fee                                   |
| <b>Permit Plan Review</b>  | Complimentary | Complimentary                                  |
| <b>Stop Box Replacement</b>  | \$ 1,500.00   | \$ 1,500.00                                    |
| <b>Water Turn On/Off</b> ( <i>Maintenance &amp; Repair and Meter Operations</i> )  | \$ 45.00      | \$ 45.00                                       |
| <b>Real Estate Closing Fee</b> (Non-AMR Accounts Only)   | \$ 45.00      | \$ 45.00                                       |
| <b>Water Service Line Reconnection Permit</b>  | \$ 660.00     | \$ 660.00                                      |
| <b>Sewer Permit Inspection</b> (fee relative to scope of work)<br><i>Permit valid for one year from issue date</i>   | \$ 650.00     | \$ 650.00                                      |
| <b>Water Permit Inspection</b> (fee relative to scope of work)<br><i>Permit valid for one year from issue date</i>   | \$ 650.00     | \$ 650.00                                      |
| <b>Demolitions</b>   |               |  |
| Water line disconnection ( <i>restoration not included*</i> )  | \$ 700.00     | \$ 1,000.00                                    |
| Hydrant water use for residential demolition   | \$ 450.00     | \$ 450.00                                      |
| Hydrant water use for commercial demolition  | \$ 2,450.00   | \$ 2,450.00                                    |
| <b>Stormwater Management Plan Review Fees</b>  |               |  |
| Preliminary plan review, and initial review of plans and comment letter, as-built plan review, and an inspection of the as-built project   | \$ 2,550.00   | \$ 2,550.00                                    |
| Additional plan reviews (per plan review beyond initial)   | \$ 400.00     | \$ 400.00                                      |
| Additional inspections (per inspection beyond initial)   | \$ 750.00     | \$ 750.00                                      |
| *Cost for restoration by DWSD will vary based on type of restoration required. Estimate will be provided.<br><ul style="list-style-type: none"> <li>○ Grass</li> <li>○ Sidewalk</li> <li>○ Road</li> </ul> |               | Up to \$500<br>Up to \$1,500<br>Up to \$15,000 |

| Penalty Type  | Fees  |   |
|---|---|---|
|   | Current Fee                                     | Proposed Fee                                    |
| <b>NSF</b> (non-sufficient funds)   | \$ 40.00  | \$ 40.00  |
| <b>Missed Appointment</b> (any type)  | \$ 45.00  | \$ 45.00  |
| <b>Illegal Turn-on</b>  |   |   |
| 1st Offense   | \$ 250.00                                       | \$ 250.00                                       |
| 2nd Offense   | \$ 500.00                                       | \$ 500.00                                       |
| On the second offense, unless full payment of all fees is made or a payment plan is initiated, the service line will be disconnected, and an additional fee will be assessed. | \$ 660.00                                       | \$ 660.00                                       |
| <b>Tampered/Cut Cable</b> (AMR)   |   |   |
| 1st Offense   | \$ 50.00  | \$ 50.00  |
| 2nd Offense   | \$ 100.00                                       | \$ 100.00                                       |
| 3rd Offense   | \$ 150.00                                       | \$ 150.00                                       |
| <b>Illegal dig Up or Illegal Water and/or Sewer Taps</b>  |   |   |
| 1st Offense   | \$ 1,000.00                                     | \$ 1,000.00                                     |
| 2nd Offense   | \$ 3,000.00                                     | \$ 3,000.00                                     |
| 3rd Offense   | \$ 5,000.00                                     | \$ 5,000.00                                     |
| <b>Meter Operations</b>   |   |   |
| Damaged Meter Equipment   |   |   |
| Meter sizes 5/8" - 1"   | \$ 165.00                                       | \$ 165.00                                       |
| Meter sizes 1.5" - 2"   | \$ 675.00                                       | \$ 675.00                                       |
| Meter sizes 3" - 12"  | \$ 2,435.00                                     | \$ 2,435.00                                     |
| Damaged AMR equipment (MIU)   | \$ 180.00                                       | \$ 180.00                                       |
| Unrecovered Meter   | Per unrecovered meter depreciation charge table | Per unrecovered meter depreciation charge table |
| <b>Late Fee</b> (assessed for each bill on previous ending balance)   | 5%  | 5%  |
| <b>Tampering with lock</b> (if digging is necessary)  | \$ 800.00                                       | \$ 800.00                                       |



Water & Sewerage  
Department

Gary A Brown  
*Director*

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TO: Detroit City Council President Brenda Jones  
Members of the Detroit City Council  
David Whitaker, Director, Legislative Policy Division

FROM: Gary Brown, Director  
Thomas Naughton, Chief Financial Officer  
Detroit Water and Sewerage Department

DATE: September 27, 2020

RE: Legislative Policy Division's Detroit Water and Sewerage Department FY 2020-  
2021 REVISED Budget Analysis

This represents the Detroit Water and Sewerage Department's (DWSD) responses to requests from Detroit City Council's Legislative Policy Division (LPD) for information regarding the DWSD's FY2021 Budget on March 13 and July 8, 2020. The City of Detroit Board of Water Commissioners formally approved DWSD's FY2021 and FY2022 budgets on April 15, 2020, after holding the required public hearing. DWSD will make an informational presentation to this Honorable Body regarding the approved budget and answer questions. For your consideration and review in advance of the presentation, our responses to the requests for information from the LPD/City Council are itemized below:

### **Issues and Questions**

1. Please detail the additional reduction of 10 FTEs. What are these positions?

**DWSD Response:** Additional reduction is composed of the following:

Chief Executive Officer (Increase of one FTE)

+1 Chief Operating Officer

Field Engineering (Reduction of nine FTEs)

-2 Engineers

-4 Inspectors

-2 Engineering Techs

-1 Office Support Specialist

Fleet Operations (Reduction of one FTEs)

-1 Automotive Techs

Field Services (Reduction of six FTEs)

-10 Field Service Technicians

- +1 Professional Administrative Analyst
- +1 Office Support Specialist
- +1 Inspector
- +1 GIS Analyst

Information Technology (Increase of three FTEs)

- +1 IT Director-Applications
- +1 GIS Analyst
- +1 Application Analyst

Chief Financial Officer (Increase of two FTEs)

- +2 Executive Management Team

2. Why are the Water Fund penalties and fees increasing \$2.1 million or 77.6% from the FY 2020 Budget?

**DWSD Response:** Penalties and Fees budget was increased for FY 2021 based on actual collection experience in FY 2020.

3. Why are Drainage Fees increasing by \$5.7 million for FY 2021?

**DWSD Response:** The drainage rate increased from \$602 to \$626 per impervious acre. In addition, the transition credits continue to be phased out. Rate increases were offset in part by reductions in impervious acres.

4. What is the Sewerage Fund \$2.6 million Highway Drainage revenue for FY 2021? Why wasn't there a Highway Drainage revenue for FY 2020?

**DWSD Response:** Highway Drainage revenue is a new category created in FY 2021. It was part of Drainage Fees in FY 2020.

5. What are the plans to amend the FY 2020 and FY 2021 budgets for the fiscal impact of the COVID-19 pandemic once they become known? Please share revised FY 2021 budgets based on the anticipated fiscal impact of the COVID-19 pandemic, if available. (Please note that LPD is submitting a report on the impact of the COVID-19 pandemic on the FY 2020 Water and Sewer Fund financial operations and measures DWSD is undertaking to mitigate the fiscal impact of the pandemic under separate cover.)



**DWSD Response:** There are no plans yet to amend the FY 2020 and FY 2021 budgets for the fiscal impact of the pandemic. Revised budgets will be shared, when amended.

### **Responses to Original/Updated Issues and Questions**

#### **Issues and Questions**

1. In LPD's FY 2020 DWSD budget analysis report, we asked "Does the DWSD plan on coming to City Council for approval of the FY 2020 rates and FY 2020 budget?" DWSD provided the following response:

**DWSD Response:** DWSD will not seek City Council approval of FY 2020 rates or the FY 2020 and FY 2021 budgets as it is not required to do so. Pursuant to Sec. 7-1202 of the 2012 Detroit City Charter, the Board of Water Commissioners directs the DWSD in the supply of water drainage and sewerage services within the City and establishes the rates to be paid by the owner or occupant of each house or building using water, drainage or sewerage services.<sup>1</sup> Judge Sean Cox's December 15, 2015 Order<sup>2</sup> (entered in anticipation of the bifurcation of DWSD into a separate regional wholesale system and a Detroit retail operation) reiterated the powers granted to the BOWC under Article 7, Chapter 12. The Court also stated the BOWC rates shall be developed to satisfy the revenue requirements established by the GLWA for water and sewer service as well as the expenses of operating the local water and sewer infrastructure, consistent with the Water and Sewer Services Agreement approved and executed by the City and the Authority.<sup>3</sup> Lastly, the Order states in the event the BOWC fails to comply with the requirements of the Water and Sewer Services Agreement with respect to rate-setting, billing, collection and enforcement for the local water and sewer systems, the GLWA may assume that responsibility. DWSD's budget and obligations under the Water and Sewer Services Agreement are based on rates and these matters fall within the purview of the BOWC, only.

Furthermore, the City's Comprehensive Annual Financial Report clearly designates DWSD as an enterprise agency. As such, the Uniform Budgeting and Accounting Act, MCL 141.421 et. seq. does not require DWSD to have its budget approved by City Council.<sup>4</sup>

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<sup>1</sup> This charter-mandated power to direct DWSD and establish the retail rates for Detroit customers is separate from its (former) charter-mandated power to set wholesale rates for customers outside the city limits. As a result of the bifurcation of DWSD into a Detroit retail operation governed by the BOWC and a regional wholesale system with a separate governing body (Great Lakes Water Authority), the BOWC no longer sets wholesale rates for customers.

<sup>2</sup> *United States v City of Detroit, et al*, United States District Court case No. 77-cv-71100-SFC

<sup>3</sup> As this Honorable Body is aware, since Detroit is no longer a municipal water and sewerage system that serves more than 40% of the population of the state, Sec. 5e of the Home Rule City Act, requiring the governing body to vote on rates, is inapplicable. (MCL 117.5e)

<sup>4</sup> "Budget" means a plan of financial operation for a given period of time, including an estimate of all proposed expenditures from the funds of a local unit and the proposed means of financing the expenditures. **Budget does not include . . . (c) An enterprise fund.** (MCL 141.422a)

Lastly, DWSD's revenues are not considered during the City's Revenue Estimating Conference (Sec. 8-213, Detroit City Charter) because DWSD is an enterprise agency that does not require a general fund subsidy.

While this response is not intended to be a formal statement of DWSD's legal position, absent a federal court order or a super-majority vote of an Ad Hoc Root Cause Committee to do so, DWSD will not seek City Council approval for rates or budgets. Rather, DWSD will continue to make informational presentations and comply with the Memorandum of Understanding between DWSD and City Council that requires the Board of Water Commissioners to hold its regular meetings to present/approve the budget and rates during the evening in the community.

If we ask a similar question, "Does the DWSD plan on coming to City Council for approval of the FY 2021 rates and FY 2021 budget?", would the response given last year still applies?

**DWSD Response:** Yes.

2. Please explain the major proposed capital projects for FY 2021?

**DWSD Response:**

The major proposed capital projects include water and sewer system improvements in North Rosedale Park (DWS-907 \$18.6Million) and Cornerstone Village (\$26.3 Million). We are also constructing our largest green stormwater infrastructure project to date on Oakman Boulevard between Joy Rd and Tireman, which also includes watermain replacement (PC-801A \$8.7 Million). Major facilities projects include replacement of the roof at the DWSD Central Services Facility located at 6425 Huber (\$7 Million) and rehabilitation of the elevators at the Water Board Building located at 735 Randolph (\$2.1 Million).

3. What are the major initiatives and focus for the DWSD FY 2021 Budget?

**DWSD Response:** DWSD focused on sound financial management and several strategic initiatives in formulating its FY 2021 Budget: maximizing the useful life of infrastructure assets through preventive maintenance, which will also reduce the number and severity of emergency repairs; identifying and billing the true value of services provided through enhanced or expanded field services and reducing revenue water loss; continuing a capital improvement plan to rehabilitate or replace 1% to 2% of water and sewer lines and implement stormwater management infrastructure; reducing customer financial burden by continuing traditional affordability programs such as WRAP and the toilet replacement

program; and ensuring DWSD complies with the new "Lead and Copper Rule." We are focused on improving customer service through offering a wider variety of options to conduct transactions in a contactless environment and out in the neighborhoods as we reduce our backlog of property restorations.

We are also working collaboratively with Deputy Mayor Conrad Mallet and his team to support the Community Health Corps initiative, which will provide holistic, wraparound services for Detroiters living in extreme poverty and who are not eligible for WRAP or a payment plan. We will continue to apply for and utilize all available dollars through coronavirus relief packages to assist customers who are having difficulty paying their bills and who require minor and major plumbing repairs.

4. How much of the annual \$50 million Lease revenue due to DWSD is being applied to pay debt service in the FY 2021 budget?

**DWSD Response:** Of the \$50 Million Lease payment from GLWA, DWSD will use \$8.8M to pay Series 2016A, Series 2016B, Series 2020A, Series 2020B, and SRF Water bonds and \$2.2M to pay Series 2018A Sewer bonds.

5. What was the total WRAP/assistance to Detroit customers for FY 2019 and FY 2020 (to date) for the Water and Sewer Funds? How much WRAP assistance is included in DWSD's FY 2021 budget?

**DWSD Response:** The WRAP assistance provided to Detroit Customers totaled \$1.6M in FY2019 and \$2.6M in FY2020. In FY 2021, DWSD has budgeted a total of \$2M to benefit the WRAP program.

6. How many new residential accounts were added in calendar year 2019? How many residential accounts were deleted in calendar year 2019?

**DWSD Response:** During 2019, 17,601 residential accounts were added and 17,156 accounts that were active in Jan 2019 are now inactive as of Dec 2019. Accounts remain in our system as inactive accounts and cannot be deleted.

7. How many water shut-offs were there in calendar year 2019?

**DWSD Response:** There were 27,479 residential and 918 non-residential service interruptions for non-payment in calendar year 2019. Water was restored to all properties pursuant to Governor Whitmer's executive order.

8. How many homeowner water service line replacements were made in calendar year 2019 under the State mandated "Lead & Copper Rule"? How were the costs of the replacements funded?

What was the total cost? What is the number of service line replacements and cost projected for the FY 2021 Budget?

**DWSD Response:** DWSD currently replaces lead service lines when the watermain is replaced and funds this replacement with the capital improvement program. However, in 2019 DWSD received a \$1,000,000 grant from the Michigan Department of Environment, Great Lakes and Energy (EGLE) for lead service line replacement (LSLR). In 2019, There were a total of 580 LSLR in 2019. Of these, 165 were funded by the EGLE grant. The total cost of services lines replaced was \$2,245,000 of which \$1,245,000 was funded by capital improvement dollars. The costs for lead service lines is included as per linear foot unit amount in the water main replacement contracts as such there is no dedicated budget amount. For the contracts active in FY2021, DWSD estimates there may be 800 to 1,000 lead service lines.

9. What is the FY 2021 revenue budget for fire hydrant maintenance that will be billed to the Detroit Fire Department?

**DWSD Response:** DWSD does not bill Detroit Fire Department (DFD) for fire hydrant maintenance.

10. How does DWSD's liquidity look for the Sewer Fund at June 30, 2020? What is the amount owed to GLWA as of June 30, 2020 for loans to DWSD?

**DWSD Response:** At June 30, 2020, the DWSD Sewer Fund had unrestricted cash balances of \$43.4M and \$82.2M in restricted in cash and investments. In addition, the Sewer Fund had a deficit balance of \$10.2M in the Cash Held at GLWA account.

11. Why is the DWSD transitioning the CIPMO contract from the consultant AECOM to in-house staff in Field Engineering? Was AECOM performing satisfactory on the contract? What are the expected savings from this transition?

**DWSD Response:** It was always DWSD's intent to transition work from the consultant to in house staff as the program was stood up, new business processes were adopted, software implemented, and training of staff is occurring. AECOM has performed satisfactorily on the contract. There is no "expected" savings in the traditional sense due to this transition, ultimately additional staff will be hired to provide those services and any remaining funds will be used to fund the construction of the capital program. Capital investment in the system may result in potential savings due to reduced operations and maintenance costs and payment of claims/settlements associated with the water and sewer infrastructure. In addition, there will always be certain services like design and condition assessment work that will be solicited via a request for proposals

12. What is DWSD's level of vacancies as of June 30, 2020, pre-COVID and post-COVID? Is this due to cost and revenue constraints? What is the impact of the vacancies on maintenance and other DWSD services?

**DWSD Response:** DWSD had 98 vacancies on June 30, 2020. The number of vacancies cannot be attributed to funding constraints. Certain field operations have high rates of turnover. In addition, DWSD continues to transition a number of functions from contractual services to in-house. Often the timing of these transitions are difficult to forecast. In hiring new employees, the department is frequently constrained by noncompetitive wage and benefit packages.

13. DWSD's April 2020 Review report for the BOWC's Finance Committee reported \$54.2 million in past due accounts receivable over 180 days in April 2020 for residential customers. In the same report the 3 month rolling average collection rate for residential customers was 85%. With such a large amount of old delinquent receivables how it is that DWSD's collection rate is so high? Are the old receivables included in the calculation of the collection rate? If they are not why aren't they written off?

**DWSD Response:** Rolling Average Collection Rates are determined by dividing the most recent months' collections by the corresponding billed revenue for the same period. A calculated collection rate of 100% would imply that, excluding write-offs, total accounts receivable are neither increasing nor decreasing.

We hope you find the above helpful and informative.

GAB/TN/DNP

cc: Councilmembers  
Dave Massaron, Chief Financial Officer  
Auditor General's Office  
Tanya Stoudemire, Budget Director  
Avery Peebles, Mayor's Office

# WATER (48)

## Mission

The Water and Sewerage Department (DWSD) strives to exceed our customers' expectations through the efficient distribution of treated water, collection of wastewater for treatment and the provision of services that promote healthy communities and economic growth.

The Water Supply System is administratively part of DWSD while maintained as a separate fund in the City of Detroit's accounting system. The department leases five water treatment plants and 20 booster (re-pumping) stations and 19 reservoirs to the Great Lakes Water Authority (GLWA). Of these five water plants, two are in Detroit. There is one plant each in Allen Park, Dearborn and Port Huron. Detroit is primarily served by the two Detroit water treatment plants with some support from the Allen Park and Dearborn facilities. There are three sources of raw water supply – Detroit River at Fighting Island, Detroit River at Belle Isle and Lake Huron north of Port Huron.

The main administrative offices are located at 735 Randolph in downtown Detroit, officially known as the Water Board Building. Approximately 3,438 miles of water transmission and distribution mains within the city of Detroit are owned by the department, and it maintains more than 2,700 miles of these pipes, with the remainder maintained by GLWA.

Bifurcated from GLWA on January 1, 2016, Detroit maintains its own local system under the authority of the six-member Board of Water Commissioners as appointed by the Mayor. The Detroit local system is made up of approximately 3,000 miles of sewer collection pipe and 2,700 miles of water mains serving the neighborhoods. Detroit has full authority to repair and rebuild the local system and serves as first responder to all service disruptions, including those of GLWA-leased assets, located within the City's boundaries.

GLWA will continue to operate the regional water and sewer assets which include the water treatment plants and other water facilities. GLWA operates under the authority of a six-member board appointed by several constituencies of the authority: 2

# WATER (48)

appointed by the Mayor of Detroit, 1 each by Wayne, Oakland and Macomb Counties and 1 by the Governor from the service area outside the three counties.

## Operating Programs and Services

- **Provide delivery of potable water** for more than 175,000 customers, delivered at various points at adequate pressure to meet our customers’ needs. The water provided meets or exceeds standards as required by Michigan’s Safe Drinking Water Act as well as federal standards.
- **Furnish sufficient water pressure and service** to ensure acceptable fire protection for commercial buildings and schools.

## Goals, Strategic Priorities and Related City Outcomes

| Goals / Strategic Priorities  | Timeframe             | Related City Outcome              |
|---|-----------------------|-----------------------------------|
| 1. Transition to a 50% utilization rate of the Self-Service Customer Portal, for online payments. | July 2024 - June 2028 | Efficient & Innovative Operations |
| 2. Keep fire hydrants in need of repair or replacement below 2% of all hydrants                   | July 2024 - June 2028 | Efficient & Innovative Operations |
| 3. Replace 5,000 lead service lines per year  | July 2024 - June 2028 | Efficient & Innovative Operations |

## Budget By Service

| Services           | FY 2025 Mayor Proposed | FY 2025 Mayor Proposed FTE |
|--------------------|------------------------|----------------------------|
| Water Distribution | \$244,744,200          | 650.0                      |
| <b>Total:</b>      | <b>\$244,744,200</b>   | <b>650.0</b>               |

# WATER (48)

## Metrics and Data

| Metrics  | Data   | Related Goal # |
|--|--|----------------|
| Percentage of customers using the Self-Service Customer Portal             | 43% payments made online as of July 2023                           | 1              |
| Amount billed  | Dollars-water revenue  | 1              |
| Percentage of hydrants out of service and in need of repair or replacement | 0% of hydrants out of service and in need of repair or replacement | 2              |



## Department 48 - Water Department

### Budget Summary

|                     | FY2023 Actual |                   | FY2024 Adopted |             | FY2025 Mayor Proposed |             |
|---------------------|---------------|-------------------|----------------|-------------|-----------------------|-------------|
|                     | General Fund  | All Funds         | General Fund   | All Funds   | General Fund          | All Funds   |
| Total Revenues      | -             | 162,305,256       | -              | 247,686,500 | -                     | 244,744,200 |
| Total Expenditures  | 1,405         | 189,273,424       | -              | 247,686,500 | -                     | 244,744,200 |
| <b>Net Tax Cost</b> | <b>1,405</b>  | <b>26,968,168</b> | -              | -           | -                     | -           |

|                     | FY2026 Forecast |             | FY2027 Forecast |             | FY2028 Forecast |             |
|---------------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
|                     | General Fund    | All Funds   | General Fund    | All Funds   | General Fund    | All Funds   |
| Total Revenues      | -               | 244,744,200 | -               | 244,744,200 | -               | 244,744,200 |
| Total Expenditures  | -               | 244,744,200 | -               | 244,744,200 | -               | 244,744,200 |
| <b>Net Tax Cost</b> | -               | -           | -               | -           | -               | -           |

### General Fund Recurring vs One-Time Expenditures

|                           | FY2024 Adopted | FY2025 Mayor Proposed |
|---------------------------|----------------|-----------------------|
| Recurring Expenditures    | -              | -                     |
| One-Time Expenditures     | -              | -                     |
| <b>Total Expenditures</b> | -              | -                     |

### Positions (by FTE)

|                        | 2/9/2024 Actual | FY2024 Adopted | FY2025 Mayor Proposed | FY2026 Forecast | FY2027 Forecast | FY2028 Forecast |
|------------------------|-----------------|----------------|-----------------------|-----------------|-----------------|-----------------|
| General Fund           | -               | -              | -                     | -               | -               | -               |
| Non-General Fund       | 585.00          | 650.00         | 650.00                | 650.00          | 650.00          | 650.00          |
| ARPA                   | 5.00            | -              | -                     | -               | -               | -               |
| <b>Total Positions</b> | <b>590.00</b>   | <b>650.00</b>  | <b>650.00</b>         | <b>650.00</b>   | <b>650.00</b>   | <b>650.00</b>   |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
EXPENDITURES BY SUMMARY CATEGORY - ALL FUNDS  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name<br>Summary Category | FY2024<br>Adopted  | FY2025<br>Mayor Proposed | FY2026<br>Forecast | FY2027<br>Forecast | FY2028<br>Forecast |
|--|--------------------|--------------------------|--------------------|--------------------|--------------------|
| <b>48 - Water Department</b>                       | <b>247,686,500</b> | <b>244,744,200</b>       | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |
| Salaries & Wages                                   | 19,195,400         | 20,056,345               | 20,056,345         | 20,056,345         | 20,056,345         |
| Employee Benefits                                  | 10,563,700         | 6,570,541                | 6,570,541          | 6,570,541          | 6,570,541          |
| Professional & Contractual Services                | 105,857,000        | 108,552,714              | 108,552,714        | 108,552,714        | 108,552,714        |
| Operating Supplies                                 | 4,970,500          | 4,970,500                | 4,970,500          | 4,970,500          | 4,970,500          |
| Operating Services                                 | 5,073,600          | 5,075,300                | 5,075,300          | 5,075,300          | 5,075,300          |
| Fixed Charges                                      | 20,403,400         | 8,891,188                | 8,891,188          | 8,891,188          | 8,891,188          |
| Other Expenses                                     | 77,975,300         | 84,327,512               | 84,327,512         | 84,327,512         | 84,327,512         |
| Capital Outlays                                    | 1,147,000          | 2,875,000                | 2,875,000          | 2,875,000          | 2,875,000          |
| Equipment Acquisition                              | 2,500,600          | 3,425,100                | 3,425,100          | 3,425,100          | 3,425,100          |
| <b>Grand Total</b>                                 | <b>247,686,500</b> | <b>244,744,200</b>       | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
REVENUES BY SUMMARY CATEGORY - ALL FUNDS  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name<br>Summary Category | FY2024<br>Adopted  | FY2025<br>Mayor Proposed | FY2026<br>Forecast | FY2027<br>Forecast | FY2028<br>Forecast |
|--|--------------------|--------------------------|--------------------|--------------------|--------------------|
| <b>48 - Water Department</b>                       | <b>247,686,500</b> | <b>244,744,200</b>       | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |
| Grants, Shared Taxes, & Revenues                   | -                  | 43,797,000               | 43,797,000         | 43,797,000         | 43,797,000         |
| Sales & Charges for Services                       | 127,887,200        | 127,887,200              | 127,887,200        | 127,887,200        | 127,887,200        |
| Revenues from Use of Assets                        | 86,069,000         | 59,910,500               | 59,910,500         | 59,910,500         | 59,910,500         |
| Fines, Forfeits, & Penalties                       | 1,177,500          | 1,177,500                | 1,177,500          | 1,177,500          | 1,177,500          |
| Contributions & Transfers                          | 28,342,800         | 7,762,000                | 7,762,000          | 7,762,000          | 7,762,000          |
| Miscellaneous                                      | 4,210,000          | 4,210,000                | 4,210,000          | 4,210,000          | 4,210,000          |
| <b>Grand Total</b>                                 | <b>247,686,500</b> | <b>244,744,200</b>       | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
EXPENDITURES BY SUMMARY CATEGORY - FUND DETAIL  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name<br>Fund # - Fund Name<br>Summary Category | FY2024<br>Adopted  | FY2025<br>Mayor Proposed | FY2026<br>Forecast | FY2027<br>Forecast | FY2028<br>Forecast |
|--|--------------------|--------------------------|--------------------|--------------------|--------------------|
| <b>48 - Water Department</b>   | <b>247,686,500</b> | <b>244,744,200</b>       | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |
| <b>5720 - DWSD-R - Water</b>   | <b>136,670,200</b> | <b>136,670,200</b>       | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> |
| Salaries & Wages   | 19,195,400         | 19,195,400               | 19,195,400         | 19,195,400         | 19,195,400         |
| Employee Benefits  | 10,563,700         | 6,263,700                | 6,263,700          | 6,263,700          | 6,263,700          |
| Professional & Contractual Services                                      | 8,407,000          | 8,407,000                | 8,407,000          | 8,407,000          | 8,407,000          |
| Operating Supplies   | 4,970,500          | 4,970,500                | 4,970,500          | 4,970,500          | 4,970,500          |
| Operating Services   | 5,063,300          | 5,063,300                | 5,063,300          | 5,063,300          | 5,063,300          |
| Fixed Charges  | 11,526,400         | 8,091,188                | 8,091,188          | 8,091,188          | 8,091,188          |
| Other Expenses   | 76,592,300         | 84,327,512               | 84,327,512         | 84,327,512         | 84,327,512         |
| Equipment Acquisition  | 351,600            | 351,600                  | 351,600            | 351,600            | 351,600            |
| <b>5721 - WDWSR-R Imp &amp; Ext</b>                                      | <b>83,462,500</b>  | <b>98,612,000</b>        | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  |
| Salaries & Wages   | -                  | 860,945                  | 860,945            | 860,945            | 860,945            |
| Employee Benefits  | -                  | 306,841                  | 306,841            | 306,841            | 306,841            |
| Professional & Contractual Services                                      | 69,898,000         | 90,685,714               | 90,685,714         | 90,685,714         | 90,685,714         |
| Operating Services   | 8,500              | 10,000                   | 10,000             | 10,000             | 10,000             |
| Fixed Charges  | 8,877,000          | 800,000                  | 800,000            | 800,000            | 800,000            |
| Other Expenses   | 1,383,000          | -                        | -                  | -                  | -                  |
| Capital Outlays  | 1,147,000          | 2,875,000                | 2,875,000          | 2,875,000          | 2,875,000          |
| Equipment Acquisition  | 2,149,000          | 3,073,500                | 3,073,500          | 3,073,500          | 3,073,500          |
| <b>5740 - WDWSR-R Water 2020 Bond Fund</b>                               | <b>27,553,800</b>  | <b>9,462,000</b>         | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   |
| Professional & Contractual Services                                      | 27,552,000         | 9,460,000                | 9,460,000          | 9,460,000          | 9,460,000          |
| Operating Services   | 1,800              | 2,000                    | 2,000              | 2,000              | 2,000              |
| <b>Grand Total</b>   | <b>247,686,500</b> | <b>244,744,200</b>       | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
REVENUES BY SUMMARY CATEGORY - FUND DETAIL  
DEPARTMENT 43 - PLANNING & DEVELOPMENT DEPARTMENT**

| Department # - Department Name | FY2024  | FY2025         | FY2026   | FY2027   | FY2028   |
|--------------------------------|---------|----------------|----------|----------|----------|
| Fund # - Fund Name             | Adopted | Mayor Proposed | Forecast | Forecast | Forecast |
| Summary Category               |         |                |          |          |          |
| <b>Grand Total</b>             | -       | -              | -        | -        | -        |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - EXPENDITURES  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name           |                    |                    |                    |                    |                    |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Fund # - Fund Name                       | FY2024             | FY2025             | FY2026             | FY2027             | FY2028             |
| Appropriation # - Appropriation Name     | Adopted            | Mayor Proposed     | Forecast           | Forecast           | Forecast           |
| Cost Center # - Cost Center Name         |                    |                    |                    |                    |                    |
| <b>48 - Water Department</b>             | <b>247,686,500</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |
| <b>5720 - DWSD-R - Water</b>             | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> |
| <b>20166 - WDWSR Administration</b>      | <b>830,200</b>     | <b>830,200</b>     | <b>830,200</b>     | <b>830,200</b>     | <b>830,200</b>     |
| 481001 - WDWSR Chief Exec Officer        | 649,500            | 649,500            | 649,500            | 649,500            | 649,500            |
| 481601 - WDWSR R BOWC                    | 180,700            | 180,700            | 180,700            | 180,700            | 180,700            |
| <b>20167 - WDWSR Operations</b>          | <b>26,225,400</b>  | <b>26,225,400</b>  | <b>26,225,400</b>  | <b>26,225,400</b>  | <b>26,225,400</b>  |
| 482223 - WDWSR Stormwater Drainage       | 1,062,000          | 1,062,000          | 1,062,000          | 1,062,000          | 1,062,000          |
| 482411 - WDWSR Field Engineering         | 5,208,400          | 5,208,400          | 5,208,400          | 5,208,400          | 5,208,400          |
| 482421 - WDWSR Facility Oper             | 4,188,600          | 4,188,600          | 4,188,600          | 4,188,600          | 4,188,600          |
| 482422 - WDWSR Fleet Operations          | 2,665,900          | 2,665,900          | 2,665,900          | 2,665,900          | 2,665,900          |
| 482431 - WDWSR Maint & Repair            | 9,620,300          | 9,620,300          | 9,620,300          | 9,620,300          | 9,620,300          |
| 482432 - WDWSR R Meter Operations        | 3,119,500          | 3,119,500          | 3,119,500          | 3,119,500          | 3,119,500          |
| 482435 - WDWSR Lead Service              | 360,700            | 360,700            | 360,700            | 360,700            | 360,700            |
| <b>20168 - WDWSR Compliance</b>          | <b>10,344,500</b>  | <b>10,344,500</b>  | <b>10,344,500</b>  | <b>10,344,500</b>  | <b>10,344,500</b>  |
| 483101 - WDWSR General Counsel           | 1,338,300          | 1,338,300          | 1,338,300          | 1,338,300          | 1,338,300          |
| 483201 - WDWSR Org Development           | 860,800            | 860,800            | 860,800            | 860,800            | 860,800            |
| 483301 - WDWSR Info Technology           | 5,843,500          | 5,843,500          | 5,843,500          | 5,843,500          | 5,843,500          |
| 483411 - WDWSR Compliance-Security       | 1,493,500          | 1,493,500          | 1,493,500          | 1,493,500          | 1,493,500          |
| 483421 - WDWSR Compliance-Public Affairs | 808,400            | 808,400            | 808,400            | 808,400            | 808,400            |
| <b>20169 - WDWSR Finance</b>             | <b>6,866,200</b>   | <b>6,866,200</b>   | <b>6,866,200</b>   | <b>6,866,200</b>   | <b>6,866,200</b>   |
| 484001 - WDWSR Chief Financial Officer   | 1,785,500          | 1,785,500          | 1,785,500          | 1,785,500          | 1,785,500          |
| 484111 - WDWSR Finance.                  | 760,200            | 760,200            | 760,200            | 760,200            | 760,200            |
| 484121 - WDWSR Procurement               | 1,343,100          | 1,343,100          | 1,343,100          | 1,343,100          | 1,343,100          |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - EXPENDITURES  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                     |                    |                    |                    |                    |                    |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Fund # - Fund Name                                 | FY2024             | FY2025             | FY2026             | FY2027             | FY2028             |
| Appropriation # - Appropriation Name               | Adopted            | Mayor Proposed     | Forecast           | Forecast           | Forecast           |
| Cost Center # - Cost Center Name                   |                    |                    |                    |                    |                    |
| 484131 - WDWSR-R Treasury                          | 1,010,200          | 1,010,200          | 1,010,200          | 1,010,200          | 1,010,200          |
| 484151 - WDWSR- R Budget                           | 181,300            | 181,300            | 181,300            | 181,300            | 181,300            |
| 484161 - WDWSR-R Billing & Collect                 | 1,418,800          | 1,418,800          | 1,418,800          | 1,418,800          | 1,418,800          |
| 484171 - WDWSR-R Internal Audit                    | 367,100            | 367,100            | 367,100            | 367,100            | 367,100            |
| <b>20170 - WDWSR-R Customer Service</b>            | <b>1,688,000</b>   | <b>1,688,000</b>   | <b>1,688,000</b>   | <b>1,688,000</b>   | <b>1,688,000</b>   |
| 485111 - WDWSR-R Customer Service.                 | 1,688,000          | 1,688,000          | 1,688,000          | 1,688,000          | 1,688,000          |
| <b>20172 - WDWSR-R Non Operating Expense</b>       | <b>90,715,900</b>  | <b>90,715,900</b>  | <b>90,715,900</b>  | <b>90,715,900</b>  | <b>90,715,900</b>  |
| 487111 - WDWSR-R Non-Operating Exp                 | 90,715,900         | 90,715,900         | 90,715,900         | 90,715,900         | 90,715,900         |
| <b>5721 - WDWSR-R Imp &amp; Ext</b>                | <b>83,462,500</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  |
| <b>20244 - WDWSR-R Improvement &amp; Extension</b> | <b>83,462,500</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  |
| 487711 - WDWSR-R Improvement & Extension Wtr       | 83,462,500         | 98,612,000         | 98,612,000         | 98,612,000         | 98,612,000         |
| <b>5740 - WDWSR-R Water 2020 Bond Fund</b>         | <b>27,553,800</b>  | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   |
| <b>20334 - WDWSR-R Wtr 2020 Bond Fund</b>          | <b>27,553,800</b>  | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   |
| 487801 - WDWSR-R Wtr 2020 Bond Fund                | 27,553,800         | 9,462,000          | 9,462,000          | 9,462,000          | 9,462,000          |
| <b>Grand Total</b>                                 | <b>247,686,500</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - REVENUES  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                     | FY2024             | FY2025             | FY2026             | FY2027             | FY2028             |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Fund # - Fund Name                                 | Adopted            | Mayor Proposed     | Forecast           | Forecast           | Forecast           |
| Appropriation # - Appropriation Name               |                    |                    |                    |                    |                    |
| Cost Center # - Cost Center Name                   |                    |                    |                    |                    |                    |
| <b>48 - Water Department</b>                       | <b>247,686,500</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |
| <b>5720 - DWSD-R - Water</b>                       | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> |
| <b>20173 - WDWSD-R Operating Revenue</b>           | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> | <b>136,670,200</b> |
| 487211 - WDWSD-R Receiving Revenue                 | 136,670,200        | 136,670,200        | 136,670,200        | 136,670,200        | 136,670,200        |
| <b>5721 - WDWSD-R Imp &amp; Ext</b>                | <b>83,462,500</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  |
| <b>20244 - WDWSD-R Improvement &amp; Extension</b> | <b>83,462,500</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  | <b>98,612,000</b>  |
| 487711 - WDWSD-R Improvement & Extension Wtr       | 83,462,500         | 98,612,000         | 98,612,000         | 98,612,000         | 98,612,000         |
| <b>5740 - WDWSD-R Water 2020 Bond Fund</b>         | <b>27,553,800</b>  | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   |
| <b>20334 - WDWSD-R Wtr 2020 Bond Fund</b>          | <b>27,553,800</b>  | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   | <b>9,462,000</b>   |
| 487801 - WDWSD-R Wtr 2020 Bond Fund                | 27,553,800         | 9,462,000          | 9,462,000          | 9,462,000          | 9,462,000          |
| <b>Grand Total</b>                                 | <b>247,686,500</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> | <b>244,744,200</b> |



**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                        |            |                |            |            |            |
|---|------------|----------------|------------|------------|------------|
| Fund # - Fund Name                                    |            |                |            |            |            |
| Appropriation # - Appropriation Name                  | FY2024     | FY2025         | FY2026     | FY2027     | FY2028     |
| Cost Center # - Cost Center Name                      | Adopted    | Mayor Proposed | Forecast   | Forecast   | Forecast   |
| Job Code - Job Title                                  |            |                |            |            |            |
| <b>48 - Water Department</b>                          | <b>650</b> | <b>650</b>     | <b>650</b> | <b>650</b> | <b>650</b> |
| <b>5720 - DWSD-R - Water</b>                          | <b>650</b> | <b>650</b>     | <b>650</b> | <b>650</b> | <b>650</b> |
| <b>20166 - WDWSR Administration</b>                   | <b>7</b>   | <b>7</b>       | <b>7</b>   | <b>7</b>   | <b>7</b>   |
| <b>481001 - WDWSR Chief Exec Officer</b>              | <b>6</b>   | <b>6</b>       | <b>6</b>   | <b>6</b>   | <b>6</b>   |
| 501003.Chief Operating Officer                        | 1          | 1              | 1          | 1          | 1          |
| 501025.Professional Administrative Analyst 1          | 1          | 1              | 1          | 1          | 1          |
| 8653080.Executive Management Team                     | 1          | 1              | 1          | 1          | 1          |
| 929101.Administrative Special Services Staff 1        | 2          | 2              | 2          | 2          | 2          |
| 929107.Administrative Special Services Staff 2 Exempt | 1          | 1              | 1          | 1          | 1          |
| <b>481601 - WDWSR R BOWC</b>                          | <b>1</b>   | <b>1</b>       | <b>1</b>   | <b>1</b>   | <b>1</b>   |
| 501025.Professional Administrative Analyst 1          | 1          | 1              | 1          | 1          | 1          |
| <b>20167 - WDWSR Operations</b>                       | <b>385</b> | <b>385</b>     | <b>385</b> | <b>385</b> | <b>385</b> |
| <b>482411 - WDWSR Field Engineering</b>               | <b>69</b>  | <b>69</b>      | <b>69</b>  | <b>69</b>  | <b>69</b>  |
| 501014.Manager  | 3          | 3              | 3          | 3          | 3          |
| 501015.Systems Planning Officer                       | 1          | 1              | 1          | 1          | 1          |
| 501046.Office Support Specialist 2                    | 3          | 3              | 3          | 3          | 3          |
| 501047.Office Support Specialist 3                    | 3          | 3              | 3          | 3          | 3          |
| 501052.Professional Administrative Analyst 3          | 1          | 1              | 1          | 1          | 1          |
| 502002.Field Services Director                        | 1          | 1              | 1          | 1          | 1          |
| 502003.Engineer 1                                     | 5          | 5              | 5          | 5          | 5          |
| 502005.Team Leader                                    | 4          | 4              | 4          | 4          | 4          |
| 502011.Inspector 1                                    | 17         | 17             | 17         | 17         | 17         |
| 502016.Field Services Technician AFSCME 1             | 1          | 1              | 1          | 1          | 1          |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                        |           |                |           |           |           |
|---|-----------|----------------|-----------|-----------|-----------|
| Fund # - Fund Name                                    |           |                |           |           |           |
| Appropriation # - Appropriation Name                  | FY2024    | FY2025         | FY2026    | FY2027    | FY2028    |
| Cost Center # - Cost Center Name                      | Adopted   | Mayor Proposed | Forecast  | Forecast  | Forecast  |
| Job Code - Job Title                                  |           |                |           |           |           |
| 502033.Electrical Instrumentation Control Tech 3      | 1         | 1              | 1         | 1         | 1         |
| 502034.Engineer 2                                     | 5         | 5              | 5         | 5         | 5         |
| 502035.Engineer 3                                     | 5         | 5              | 5         | 5         | 5         |
| 502036.Engineer 4                                     | 5         | 5              | 5         | 5         | 5         |
| 502037.Engineering Technician 2                       | 2         | 2              | 2         | 2         | 2         |
| 502038.Engineering Technician 3                       | 1         | 1              | 1         | 1         | 1         |
| 502043.Inspector 2                                    | 4         | 4              | 4         | 4         | 4         |
| 8653080.Executive Management Team                     | 4         | 4              | 4         | 4         | 4         |
| 929102.Administrative Special Services Staff 2        | 2         | 2              | 2         | 2         | 2         |
| 929108.Administrative Special Services Staff 3 Exempt | 1         | 1              | 1         | 1         | 1         |
| <b>482421 - WDWSR-R Facility Oper</b>                 | <b>15</b> | <b>15</b>      | <b>15</b> | <b>15</b> | <b>15</b> |
| 501014.Manager  | 1         | 1              | 1         | 1         | 1         |
| 501025.Professional Administrative Analyst 1          | 1         | 1              | 1         | 1         | 1         |
| 501046.Office Support Specialist 2                    | 1         | 1              | 1         | 1         | 1         |
| 502005.Team Leader                                    | 2         | 2              | 2         | 2         | 2         |
| 502015.Maintenance Technician AFSCME                  | 4         | 4              | 4         | 4         | 4         |
| 502044.Maintenance Technician MBTC                    | 4         | 4              | 4         | 4         | 4         |
| 929101.Administrative Special Services Staff 1        | 2         | 2              | 2         | 2         | 2         |
| <b>482422 - WDWSR-R Fleet Operations</b>              | <b>20</b> | <b>20</b>      | <b>20</b> | <b>20</b> | <b>20</b> |
| 501014.Manager  | 1         | 1              | 1         | 1         | 1         |
| 501025.Professional Administrative Analyst 1          | 1         | 1              | 1         | 1         | 1         |
| 501051.Professional Administrative Analyst 2          | 1         | 1              | 1         | 1         | 1         |
| 502005.Team Leader                                    | 3         | 3              | 3         | 3         | 3         |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                 |            |                |            |            |            |
|--|------------|----------------|------------|------------|------------|
| Fund # - Fund Name                             |            |                |            |            |            |
| Appropriation # - Appropriation Name           | FY2024     | FY2025         | FY2026     | FY2027     | FY2028     |
| Cost Center # - Cost Center Name               | Adopted    | Mayor Proposed | Forecast   | Forecast   | Forecast   |
| Job Code - Job Title                           |            |                |            |            |            |
| 502030.Automotive Fleet Technician 2           | 14         | 14             | 14         | 14         | 14         |
| <b>482431 - WDWSR-Maint &amp; Repair</b>       | <b>214</b> | <b>214</b>     | <b>214</b> | <b>214</b> | <b>214</b> |
| 081008.Complaint Investigator                  | 2          | 2              | 2          | 2          | 2          |
| 501014.Manager                                 | 3          | 3              | 3          | 3          | 3          |
| 501025.Professional Administrative Analyst 1   | 3          | 3              | 3          | 3          | 3          |
| 501031.Office Support Specialist 1             | 2          | 2              | 2          | 2          | 2          |
| 502005.Team Leader                             | 16         | 16             | 16         | 16         | 16         |
| 502011.Inspector 1                             | 4          | 4              | 4          | 4          | 4          |
| 502016.Field Services Technician AFSCME 1      | 134        | 134            | 134        | 134        | 134        |
| 502019.Field Services Coordinations Specialist | 7          | 7              | 7          | 7          | 7          |
| 502020.Special Projects Technician             | 4          | 4              | 4          | 4          | 4          |
| 502040.Field Services Technician Teamsters 2   | 22         | 22             | 22         | 22         | 22         |
| 502043.Inspector 2                             | 2          | 2              | 2          | 2          | 2          |
| 502045.Field Service Technician AFSCME 1A      | 2          | 2              | 2          | 2          | 2          |
| 502046.Field Service Technician MBTC 1A        | 3          | 3              | 3          | 3          | 3          |
| 8653080.Executive Management Team              | 10         | 10             | 10         | 10         | 10         |
| <b>482432 - WDWSR- R Meter Operations</b>      | <b>63</b>  | <b>63</b>      | <b>63</b>  | <b>63</b>  | <b>63</b>  |
| 501025.Professional Administrative Analyst 1   | 1          | 1              | 1          | 1          | 1          |
| 501029.Customer Service Specialist 1           | 1          | 1              | 1          | 1          | 1          |
| 501037.Customer Service Specialist 2           | 2          | 2              | 2          | 2          | 2          |
| 501038.Customer Service Specialist 3           | 1          | 1              | 1          | 1          | 1          |
| 502005.Team Leader                             | 5          | 5              | 5          | 5          | 5          |
| 502015.Maintenance Technician AFSCME           | 1          | 1              | 1          | 1          | 1          |
| 502016.Field Services Technician AFSCME 1      | 40         | 40             | 40         | 40         | 40         |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                        |           |                |           |           |           |
|---|-----------|----------------|-----------|-----------|-----------|
| Fund # - Fund Name                                    |           |                |           |           |           |
| Appropriation # - Appropriation Name                  | FY2024    | FY2025         | FY2026    | FY2027    | FY2028    |
| Cost Center # - Cost Center Name                      | Adopted   | Mayor Proposed | Forecast  | Forecast  | Forecast  |
| Job Code - Job Title                                  |           |                |           |           |           |
| 502018.Materials Management Specialist                | 1         | 1              | 1         | 1         | 1         |
| 502019.Field Services Coordinations Specialist        | 2         | 2              | 2         | 2         | 2         |
| 502040.Field Services Technician Teamsters 2          | 1         | 1              | 1         | 1         | 1         |
| 502045.Field Service Technician AFSCME 1A             | 5         | 5              | 5         | 5         | 5         |
| 8653080.Executive Management Team                     | 3         | 3              | 3         | 3         | 3         |
| <b>482435 - WDWSR Lead Service</b>                    | <b>4</b>  | <b>4</b>       | <b>4</b>  | <b>4</b>  | <b>4</b>  |
| 502005.Team Leader                                    | 1         | 1              | 1         | 1         | 1         |
| 502011.Inspector 1                                    | 2         | 2              | 2         | 2         | 2         |
| 8653080.Executive Management Team                     | 1         | 1              | 1         | 1         | 1         |
| <b>20168 - WDWSR Compliance</b>                       | <b>95</b> | <b>95</b>      | <b>95</b> | <b>95</b> | <b>95</b> |
| <b>483101 - WDWSR General Counsel</b>                 | <b>9</b>  | <b>9</b>       | <b>9</b>  | <b>9</b>  | <b>9</b>  |
| 501018.Associate General Counsel 1                    | 1         | 1              | 1         | 1         | 1         |
| 501025.Professional Administrative Analyst 1          | 1         | 1              | 1         | 1         | 1         |
| 501031.Office Support Specialist 1                    | 1         | 1              | 1         | 1         | 1         |
| 501036.Associate General Counsel 2                    | 1         | 1              | 1         | 1         | 1         |
| 8653080.Executive Management Team                     | 3         | 3              | 3         | 3         | 3         |
| 929101.Administrative Special Services Staff 1        | 1         | 1              | 1         | 1         | 1         |
| 929108.Administrative Special Services Staff 3 Exempt | 1         | 1              | 1         | 1         | 1         |
| <b>483201 - WDWSR Org Development</b>                 | <b>11</b> | <b>11</b>      | <b>11</b> | <b>11</b> | <b>11</b> |
| 501008.Organizational Development Director            | 1         | 1              | 1         | 1         | 1         |
| 501014.Manager  | 3         | 3              | 3         | 3         | 3         |
| 501024.Human Resources Generalist                     | 4         | 4              | 4         | 4         | 4         |
| 501025.Professional Administrative Analyst 1          | 1         | 1              | 1         | 1         | 1         |
| 501051.Professional Administrative Analyst 2          | 1         | 1              | 1         | 1         | 1         |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                        |           |                |           |           |           |
|---|-----------|----------------|-----------|-----------|-----------|
| Fund # - Fund Name                                    |           |                |           |           |           |
| Appropriation # - Appropriation Name                  | FY2024    | FY2025         | FY2026    | FY2027    | FY2028    |
| Cost Center # - Cost Center Name                      | Adopted   | Mayor Proposed | Forecast  | Forecast  | Forecast  |
| Job Code - Job Title                                  |           |                |           |           |           |
| 8653080.Executive Management Team                     | 1         | 1              | 1         | 1         | 1         |
| <b>483301 - WDWSR-Info Technology</b>                 | <b>35</b> | <b>35</b>      | <b>35</b> | <b>35</b> | <b>35</b> |
| 501007.IT Director                                    | 1         | 1              | 1         | 1         | 1         |
| 501011.IT Manager Applications Delivery               | 1         | 1              | 1         | 1         | 1         |
| 501013.IT Manager Customer Service Delivery           | 1         | 1              | 1         | 1         | 1         |
| 501014.Manager  | 1         | 1              | 1         | 1         | 1         |
| 501016.Applications Analyst 1                         | 2         | 2              | 2         | 2         | 2         |
| 501034.Applications Analyst 2                         | 3         | 3              | 3         | 3         | 3         |
| 501035.Applications Analyst 3                         | 7         | 7              | 7         | 7         | 7         |
| 501040.Data Base Administrator 3                      | 2         | 2              | 2         | 2         | 2         |
| 501042.Infrastructure Administrator 2                 | 2         | 2              | 2         | 2         | 2         |
| 501043.Infrastructure Administrator 3                 | 2         | 2              | 2         | 2         | 2         |
| 501045.IT Project Manager 3                           | 2         | 2              | 2         | 2         | 2         |
| 501051.Professional Administrative Analyst 2          | 1         | 1              | 1         | 1         | 1         |
| 501055.Service Desk Analyst 2                         | 4         | 4              | 4         | 4         | 4         |
| 501056.Service Desk Analyst 3                         | 1         | 1              | 1         | 1         | 1         |
| 502041.Gis Analyst 2                                  | 3         | 3              | 3         | 3         | 3         |
| 8653080.Executive Management Team                     | 1         | 1              | 1         | 1         | 1         |
| 929107.Administrative Special Services Staff 2 Exempt | 1         | 1              | 1         | 1         | 1         |
| <b>483411 - WDWSR-Compliance-Security</b>             | <b>34</b> | <b>34</b>      | <b>34</b> | <b>34</b> | <b>34</b> |
| 501014.Manager  | 2         | 2              | 2         | 2         | 2         |
| 501023.Environmental Health Safety Coordinator 1      | 5         | 5              | 5         | 5         | 5         |
| 501025.Professional Administrative Analyst 1          | 1         | 1              | 1         | 1         | 1         |
| 502005.Team Leader                                    | 2         | 2              | 2         | 2         | 2         |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                        |           |                |           |           |           |
|---|-----------|----------------|-----------|-----------|-----------|
| Fund # - Fund Name                                    |           |                |           |           |           |
| Appropriation # - Appropriation Name                  | FY2024    | FY2025         | FY2026    | FY2027    | FY2028    |
| Cost Center # - Cost Center Name                      | Adopted   | Mayor Proposed | Forecast  | Forecast  | Forecast  |
| Job Code - Job Title                                  |           |                |           |           |           |
| 503003.Security Lieutenant                            | 1         | 1              | 1         | 1         | 1         |
| 503006.Security Officer                               | 22        | 22             | 22        | 22        | 22        |
| 8653080.Executive Management Team                     | 1         | 1              | 1         | 1         | 1         |
| <b>483421 - WDWSR-R Compliance-Public Affairs</b>     | <b>6</b>  | <b>6</b>       | <b>6</b>  | <b>6</b>  | <b>6</b>  |
| 501014.Manager  | 1         | 1              | 1         | 1         | 1         |
| 501017.Public Affairs Officer                         | 1         | 1              | 1         | 1         | 1         |
| 501028.Public Affairs Specialist 1                    | 3         | 3              | 3         | 3         | 3         |
| 501053.Public Affairs Specialist 2                    | 1         | 1              | 1         | 1         | 1         |
| <b>20169 - WDWSR-R Finance</b>                        | <b>75</b> | <b>75</b>      | <b>75</b> | <b>75</b> | <b>75</b> |
| <b>484001 - WDWSR-R Chief Financial Officer</b>       | <b>5</b>  | <b>5</b>       | <b>5</b>  | <b>5</b>  | <b>5</b>  |
| 501051.Professional Administrative Analyst 2          | 1         | 1              | 1         | 1         | 1         |
| 8653080.Executive Management Team                     | 3         | 3              | 3         | 3         | 3         |
| 929108.Administrative Special Services Staff 3 Exempt | 1         | 1              | 1         | 1         | 1         |
| <b>484111 - WDWSR-R Finance.</b>                      | <b>13</b> | <b>13</b>      | <b>13</b> | <b>13</b> | <b>13</b> |
| 501022.Accountant 1                                   | 2         | 2              | 2         | 2         | 2         |
| 501025.Professional Administrative Analyst 1          | 5         | 5              | 5         | 5         | 5         |
| 501051.Professional Administrative Analyst 2          | 1         | 1              | 1         | 1         | 1         |
| 501052.Professional Administrative Analyst 3          | 1         | 1              | 1         | 1         | 1         |
| 8653080.Executive Management Team                     | 3         | 3              | 3         | 3         | 3         |
| 929103.Administrative Special Services Staff 3        | 1         | 1              | 1         | 1         | 1         |
| <b>484121 - WDWSR-R Procurement</b>                   | <b>26</b> | <b>26</b>      | <b>26</b> | <b>26</b> | <b>26</b> |
| 501014.Manager  | 1         | 1              | 1         | 1         | 1         |
| 501025.Professional Administrative Analyst 1          | 1         | 1              | 1         | 1         | 1         |
| 501027.Procurement Specialist 1                       | 1         | 1              | 1         | 1         | 1         |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name                 |           |                |           |           |           |
|--|-----------|----------------|-----------|-----------|-----------|
| Fund # - Fund Name                             |           |                |           |           |           |
| Appropriation # - Appropriation Name           | FY2024    | FY2025         | FY2026    | FY2027    | FY2028    |
| Cost Center # - Cost Center Name               | Adopted   | Mayor Proposed | Forecast  | Forecast  | Forecast  |
| Job Code - Job Title                           |           |                |           |           |           |
| 501049.Procurement Specialist 2                | 3         | 3              | 3         | 3         | 3         |
| 501050.Procurement Specialist 3                | 6         | 6              | 6         | 6         | 6         |
| 501051.Professional Administrative Analyst 2   | 1         | 1              | 1         | 1         | 1         |
| 502005.Team Leader                             | 3         | 3              | 3         | 3         | 3         |
| 502018.Materials Management Specialist         | 6         | 6              | 6         | 6         | 6         |
| 8653080.Executive Management Team              | 4         | 4              | 4         | 4         | 4         |
| <b>484131 - WDWS-D Treasury</b>                | <b>4</b>  | <b>4</b>       | <b>4</b>  | <b>4</b>  | <b>4</b>  |
| 501014.Manager                                 | 1         | 1              | 1         | 1         | 1         |
| 501025.Professional Administrative Analyst 1   | 2         | 2              | 2         | 2         | 2         |
| 501051.Professional Administrative Analyst 2   | 1         | 1              | 1         | 1         | 1         |
| <b>484151 - WDWS-D R Budget</b>                | <b>3</b>  | <b>3</b>       | <b>3</b>  | <b>3</b>  | <b>3</b>  |
| 501051.Professional Administrative Analyst 2   | 2         | 2              | 2         | 2         | 2         |
| 8653080.Executive Management Team              | 1         | 1              | 1         | 1         | 1         |
| <b>484161 - WDWS-D R Billing &amp; Collect</b> | <b>22</b> | <b>22</b>      | <b>22</b> | <b>22</b> | <b>22</b> |
| 501014.Manager                                 | 2         | 2              | 2         | 2         | 2         |
| 501025.Professional Administrative Analyst 1   | 1         | 1              | 1         | 1         | 1         |
| 501037.Customer Service Specialist 2           | 6         | 6              | 6         | 6         | 6         |
| 501038.Customer Service Specialist 3           | 5         | 5              | 5         | 5         | 5         |
| 501051.Professional Administrative Analyst 2   | 1         | 1              | 1         | 1         | 1         |
| 501052.Professional Administrative Analyst 3   | 1         | 1              | 1         | 1         | 1         |
| 502005.Team Leader                             | 4         | 4              | 4         | 4         | 4         |
| 8653080.Executive Management Team              | 2         | 2              | 2         | 2         | 2         |
| <b>484171 - WDWS-D R Internal Audit</b>        | <b>2</b>  | <b>2</b>       | <b>2</b>  | <b>2</b>  | <b>2</b>  |
| 501014.Manager                                 | 1         | 1              | 1         | 1         | 1         |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 48 - WATER DEPARTMENT**

| Department # - Department Name               |            |                |            |            |            |
|--|------------|----------------|------------|------------|------------|
| Fund # - Fund Name                           |            |                |            |            |            |
| Appropriation # - Appropriation Name         | FY2024     | FY2025         | FY2026     | FY2027     | FY2028     |
| Cost Center # - Cost Center Name             | Adopted    | Mayor Proposed | Forecast   | Forecast   | Forecast   |
| Job Code - Job Title                         |            |                |            |            |            |
| 501051.Professional Administrative Analyst 2 | 1          | 1              | 1          | 1          | 1          |
| <b>20170 - WDWSR-R Customer Service</b>      | <b>88</b>  | <b>88</b>      | <b>88</b>  | <b>88</b>  | <b>88</b>  |
| <b>485111 - WDWSR-R Customer Service.</b>    | <b>88</b>  | <b>88</b>      | <b>88</b>  | <b>88</b>  | <b>88</b>  |
| 501004.Chief Customer Service Officer        | 1          | 1              | 1          | 1          | 1          |
| 501014.Manager                               | 2          | 2              | 2          | 2          | 2          |
| 501025.Professional Administrative Analyst 1 | 2          | 2              | 2          | 2          | 2          |
| 501029.Customer Service Specialist 1         | 45         | 45             | 45         | 45         | 45         |
| 501037.Customer Service Specialist 2         | 6          | 6              | 6          | 6          | 6          |
| 501038.Customer Service Specialist 3         | 15         | 15             | 15         | 15         | 15         |
| 501048.Customer Service Specialist 4         | 5          | 5              | 5          | 5          | 5          |
| 502005.Team Leader                           | 7          | 7              | 7          | 7          | 7          |
| 8653080.Executive Management Team            | 5          | 5              | 5          | 5          | 5          |
| <b>Grand Total</b>                           | <b>650</b> | <b>650</b>     | <b>650</b> | <b>650</b> | <b>650</b> |



# SEWERAGE (49)

## Mission

The Water and Sewerage Department (DWSD) strives to exceed our customers' expectations through the efficient distribution of treated water, collection of wastewater for treatment, and the provision of services that promote healthy communities and economic growth.

The Sewerage Department is administratively part of DWSD while maintained as a separate Fund in the City of Detroit Accounting System. The DWSD sewer system originated in 1836, and today it consists of nine pump stations, nine wet weather treatment facilities to reduce combined sewer overflows (CSO) during major rain or snow events, and a total of 3,433 miles of sewer lines that carry rainwater, snowmelt and untreated sewage to the Water Resource Recovery Facility – the largest, single-site wastewater treatment facility in North America. The facilities are leased to and operated by the Great Lakes Water Authority (GLWA). DWSD has installed 16 green stormwater infrastructure projects since 2015 that manage more than 61 million gallons of stormwater annually, further reducing CSOs and helping beautify neighborhoods. The Department currently services and sets water, sewer and drainage rates for more than 175,000 customers.

Bifurcated from GLWA on January 1, 2016, Detroit maintains its own local system under the authority of the seven-member Board of Water Commissioners as appointed by the Mayor. The Detroit local system is made up of approximately 3,000 miles of sewer collection pipe and 2,700 miles of water mains serving the neighborhoods. Detroit has full authority to repair and rebuild the local system and serves as first responder to all service disruptions, including those of GLWA-leased assets, located within the City's boundaries.

GLWA will continue to operate the regional water and sewer assets which include the water treatment plants and other water facilities. GLWA operates under the authority of a six-member board appointed by several constituencies of the authority: 2 appointed by the Mayor of Detroit, 1 each by Wayne, Oakland and Macomb Counties and 1 by the Governor from the service area outside the three counties.

## Operating Programs and Services

- **Wastewater Collection** conveys sanitary and combined sewage collected throughout the service area to the GLWA operated facilities in accordance with applicable service agreements, such that public health is protected and the treated

# SEWERAGE (49)

effluent discharged to the Detroit and Rouge Rivers is in compliance with limits established by the Department’s National Pollution Discharge Elimination System (NPDES) Permit and other applicable wastewater, air pollution and solid waste disposal laws, rules and regulations imposed by courts and agencies.

- **Maintain and upgrade the Detroit Local System** and serve as first responder for necessary repairs within Detroit.
- **Serve as the retail advocate for Detroit based constituents** (Detroit Retail Class), including households, businesses, non-profits, and faith-based organizations, in the procuring of water and sewerage services from GLWA.
- **Serve as the collection agent** for the Detroit Retail Class.

## Goals, Strategic Priorities and Related City Outcomes

| Goals / Strategic Priorities                      | Timeframe             | Related City Outcome              |
|---|-----------------------|-----------------------------------|
| 1. Clean 500 miles of public sewer pipes per year | July 2024 – June 2028 | Efficient & Innovative Operations |

## Budget By Service

| Services              | FY2025 Mayor Proposed | FY2025 Mayor Proposed FTE |
|-----------------------|-----------------------|---------------------------|
| Wastewater Collection | \$387,942,900         | 28.0                      |
| Total:                | \$387,942,900         | 28.0                      |

## Metrics and Data

| Metrics  | Data  | Related Goal # |
|--|---|----------------|
| Millions of gallons of stormwater managed annually | 105 million gallons via DWSD GSI projects and stormwater ordinance compliance | 1              |

## Department 49 - Sewerage Department

### Budget Summary

|                     | FY2023 Actual |                     | FY2024 Adopted |             | FY2025 Mayor Proposed |             |
|---------------------|---------------|---------------------|----------------|-------------|-----------------------|-------------|
|                     | General Fund  | All Funds           | General Fund   | All Funds   | General Fund          | All Funds   |
| Total Revenues      | -             | 354,758,745         | -              | 429,449,900 | -                     | 387,942,900 |
| Total Expenditures  | -             | 321,402,415         | -              | 429,449,900 | -                     | 387,942,900 |
| <b>Net Tax Cost</b> | -             | <b>(33,356,330)</b> | -              | -           | -                     | -           |

|                     | FY2026 Forecast |             | FY2027 Forecast |             | FY2028 Forecast |             |
|---------------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
|                     | General Fund    | All Funds   | General Fund    | All Funds   | General Fund    | All Funds   |
| Total Revenues      | -               | 387,942,900 | -               | 387,942,900 | -               | 387,942,900 |
| Total Expenditures  | -               | 387,942,900 | -               | 387,942,900 | -               | 387,942,900 |
| <b>Net Tax Cost</b> | -               | -           | -               | -           | -               | -           |

### General Fund Recurring vs One-Time Expenditures

|                           | FY2024 Adopted | FY2025 Mayor Proposed |
|---------------------------|----------------|-----------------------|
| Recurring Expenditures    | -              | -                     |
| One-Time Expenditures     | -              | -                     |
| <b>Total Expenditures</b> | -              | -                     |

### Positions (by FTE)

|                        | 2/9/2024 Actual | FY2024 Adopted | FY2025 Mayor Proposed | FY2026 Forecast | FY2027 Forecast | FY2028 Forecast |
|------------------------|-----------------|----------------|-----------------------|-----------------|-----------------|-----------------|
| General Fund           | -               | -              | -                     | -               | -               | -               |
| Non-General Fund       | 26.00           | 28.00          | 28.00                 | 28.00           | 28.00           | 28.00           |
| ARPA                   | -               | -              | -                     | -               | -               | -               |
| <b>Total Positions</b> | <b>26.00</b>    | <b>28.00</b>   | <b>28.00</b>          | <b>28.00</b>    | <b>28.00</b>    | <b>28.00</b>    |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
EXPENDITURES BY SUMMARY CATEGORY - ALL FUNDS  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name<br>Summary Category | FY2024<br>Adopted  | FY2025<br>Mayor Proposed | FY2026<br>Forecast | FY2027<br>Forecast | FY2028<br>Forecast |
|--|--------------------|--------------------------|--------------------|--------------------|--------------------|
| <b>49 - Sewerage Department</b>                    | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |
| Salaries & Wages                                   | 23,397,900         | 23,397,900               | 23,397,900         | 23,397,900         | 23,397,900         |
| Employee Benefits                                  | 13,390,500         | 7,690,500                | 7,690,500          | 7,690,500          | 7,690,500          |
| Professional & Contractual Services                | 86,264,700         | 48,446,200               | 48,446,200         | 48,446,200         | 48,446,200         |
| Operating Supplies                                 | 6,715,200          | 6,715,200                | 6,715,200          | 6,715,200          | 6,715,200          |
| Operating Services                                 | 5,871,300          | 5,871,300                | 5,871,300          | 5,871,300          | 5,871,300          |
| Fixed Charges                                      | 10,760,100         | 3,935,100                | 3,935,100          | 3,935,100          | 3,935,100          |
| Other Expenses                                     | 278,283,700        | 284,468,700              | 284,468,700        | 284,468,700        | 284,468,700        |
| Capital Outlays                                    | 1,148,000          | 2,875,000                | 2,875,000          | 2,875,000          | 2,875,000          |
| Equipment Acquisition                              | 3,618,500          | 4,543,000                | 4,543,000          | 4,543,000          | 4,543,000          |
| <b>Grand Total</b>                                 | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
REVENUES BY SUMMARY CATEGORY - ALL FUNDS  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name<br>Summary Category | FY2024<br>Adopted  | FY2025<br>Mayor Proposed | FY2026<br>Forecast | FY2027<br>Forecast | FY2028<br>Forecast |
|--|--------------------|--------------------------|--------------------|--------------------|--------------------|
| <b>49 - Sewerage Department</b>                    | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |
| Sales & Charges for Services                       | 328,513,700        | 328,513,700              | 328,513,700        | 328,513,700        | 328,513,700        |
| Revenues from Use of Assets                        | 77,076,800         | 52,886,800               | 52,886,800         | 52,886,800         | 52,886,800         |
| Fines, Forfeits, & Penalties                       | 1,322,500          | 1,322,500                | 1,322,500          | 1,322,500          | 1,322,500          |
| Contributions & Transfers                          | 22,536,900         | 5,219,900                | 5,219,900          | 5,219,900          | 5,219,900          |
| <b>Grand Total</b>                                 | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
EXPENDITURES BY SUMMARY CATEGORY - FUND DETAIL  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name<br>Fund # - Fund Name<br>Summary Category | FY2024<br>Adopted  | FY2025<br>Mayor Proposed | FY2026<br>Forecast | FY2027<br>Forecast | FY2028<br>Forecast |
|--|--------------------|--------------------------|--------------------|--------------------|--------------------|
| <b>49 - Sewerage Department</b>  | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |
| <b>5820 - DWSD-R - Sewerage</b>  | <b>344,815,500</b> | <b>344,815,500</b>       | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> |
| Salaries & Wages   | 23,397,900         | 23,397,900               | 23,397,900         | 23,397,900         | 23,397,900         |
| Employee Benefits  | 13,390,500         | 7,690,500                | 7,690,500          | 7,690,500          | 7,690,500          |
| Professional & Contractual Services                                      | 11,268,700         | 11,268,700               | 11,268,700         | 11,268,700         | 11,268,700         |
| Operating Supplies   | 6,715,200          | 6,715,200                | 6,715,200          | 6,715,200          | 6,715,200          |
| Operating Services   | 5,869,900          | 5,869,900                | 5,869,900          | 5,869,900          | 5,869,900          |
| Fixed Charges  | 5,950,100          | 3,935,100                | 3,935,100          | 3,935,100          | 3,935,100          |
| Other Expenses   | 276,753,700        | 284,468,700              | 284,468,700        | 284,468,700        | 284,468,700        |
| Equipment Acquisition  | 1,469,500          | 1,469,500                | 1,469,500          | 1,469,500          | 1,469,500          |
| <b>5821 - SDWSD-R Imp &amp; Ext</b>                                      | <b>62,491,500</b>  | <b>36,907,500</b>        | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  |
| Professional & Contractual Services                                      | 52,854,000         | 30,958,500               | 30,958,500         | 30,958,500         | 30,958,500         |
| Operating Services   | 500                | 500                      | 500                | 500                | 500                |
| Fixed Charges  | 4,810,000          | -                        | -                  | -                  | -                  |
| Other Expenses   | 1,530,000          | -                        | -                  | -                  | -                  |
| Capital Outlays  | 1,148,000          | 2,875,000                | 2,875,000          | 2,875,000          | 2,875,000          |
| Equipment Acquisition  | 2,149,000          | 3,073,500                | 3,073,500          | 3,073,500          | 3,073,500          |
| <b>5831 - SDWSD-R Sewerage Bond Fund</b>                                 | <b>22,142,900</b>  | <b>6,219,900</b>         | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   |
| Professional & Contractual Services                                      | 22,142,000         | 6,219,000                | 6,219,000          | 6,219,000          | 6,219,000          |
| Operating Services   | 900                | 900                      | 900                | 900                | 900                |
| <b>Grand Total</b>   | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
REVENUES BY SUMMARY CATEGORY - FUND DETAIL  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name<br>Fund # - Fund Name<br>Summary Category | FY2024<br>Adopted  | FY2025<br>Mayor Proposed | FY2026<br>Forecast | FY2027<br>Forecast | FY2028<br>Forecast |
|--|--------------------|--------------------------|--------------------|--------------------|--------------------|
| <b>49 - Sewerage Department</b>  | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |
| <b>5820 - DWSD-R - Sewerage</b>  | <b>344,815,500</b> | <b>344,815,500</b>       | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> |
| Sales & Charges for Services   | 328,513,700        | 328,513,700              | 328,513,700        | 328,513,700        | 328,513,700        |
| Revenues from Use of Assets  | 14,979,300         | 14,979,300               | 14,979,300         | 14,979,300         | 14,979,300         |
| Fines, Forfeits, & Penalties   | 1,322,500          | 1,322,500                | 1,322,500          | 1,322,500          | 1,322,500          |
| <b>5821 - SDWSD-R Imp &amp; Ext</b>                                      | <b>62,491,500</b>  | <b>36,907,500</b>        | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  |
| Revenues from Use of Assets  | 62,081,500         | 36,907,500               | 36,907,500         | 36,907,500         | 36,907,500         |
| Contributions & Transfers  | 410,000            | -                        | -                  | -                  | -                  |
| <b>5831 - SDWSD-R Sewerage Bond Fund</b>                                 | <b>22,142,900</b>  | <b>6,219,900</b>         | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   |
| Revenues from Use of Assets  | 16,000             | 1,000,000                | 1,000,000          | 1,000,000          | 1,000,000          |
| Contributions & Transfers  | 22,126,900         | 5,219,900                | 5,219,900          | 5,219,900          | 5,219,900          |
| <b>Grand Total</b>   | <b>429,449,900</b> | <b>387,942,900</b>       | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - EXPENDITURES  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name             |                    |                    |                    |                    |                    |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Fund # - Fund Name                         | FY2024             | FY2025             | FY2026             | FY2027             | FY2028             |
| Appropriation # - Appropriation Name       | Adopted            | Mayor Proposed     | Forecast           | Forecast           | Forecast           |
| Cost Center # - Cost Center Name           |                    |                    |                    |                    |                    |
| <b>49 - Sewerage Department</b>            | <b>429,449,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |
| <b>5820 - DWSD-R - Sewerage</b>            | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> |
| <b>20177 - SDWSD-R Administration</b>      | <b>932,300</b>     | <b>932,300</b>     | <b>932,300</b>     | <b>932,300</b>     | <b>932,300</b>     |
| 491001 - SDWSD-R Chief Exec Officer        | 729,400            | 729,400            | 729,400            | 729,400            | 729,400            |
| 491601 - SDWSD- R BOWC                     | 202,900            | 202,900            | 202,900            | 202,900            | 202,900            |
| <b>20178 - SDWSD-R Operations</b>          | <b>27,937,100</b>  | <b>27,937,100</b>  | <b>27,937,100</b>  | <b>27,937,100</b>  | <b>27,937,100</b>  |
| 492223 - SDWSD- R Storm Drainage           | 3,457,800          | 3,457,800          | 3,457,800          | 3,457,800          | 3,457,800          |
| 492411 - SDWSD-R Field Engineering         | 4,637,500          | 4,637,500          | 4,637,500          | 4,637,500          | 4,637,500          |
| 492421 - SDWSD-R Facility Oper             | 4,704,100          | 4,704,100          | 4,704,100          | 4,704,100          | 4,704,100          |
| 492422 - SDWSD-R Fleet Operations          | 2,613,100          | 2,613,100          | 2,613,100          | 2,613,100          | 2,613,100          |
| 492431 - SDWSD-R Maint & Repair            | 9,429,900          | 9,429,900          | 9,429,900          | 9,429,900          | 9,429,900          |
| 492432 - SDWSD-R Meter Operations          | 3,094,700          | 3,094,700          | 3,094,700          | 3,094,700          | 3,094,700          |
| <b>20179 - SDWSD-R Compliance</b>          | <b>14,508,600</b>  | <b>14,508,600</b>  | <b>14,508,600</b>  | <b>14,508,600</b>  | <b>14,508,600</b>  |
| 493101 - SDWSD-R General Counsel           | 1,503,000          | 1,503,000          | 1,503,000          | 1,503,000          | 1,503,000          |
| 493201 - SDWSD-R Org Development           | 966,900            | 966,900            | 966,900            | 966,900            | 966,900            |
| 493301 - SDWSD-R Info Technology           | 9,453,600          | 9,453,600          | 9,453,600          | 9,453,600          | 9,453,600          |
| 493411 - SDWSD-R Compliance-Security       | 1,677,300          | 1,677,300          | 1,677,300          | 1,677,300          | 1,677,300          |
| 493421 - SDWSD-R Compliance-Public Affairs | 907,800            | 907,800            | 907,800            | 907,800            | 907,800            |
| <b>20180 - SDWSD-R Finance</b>             | <b>9,558,000</b>   | <b>9,558,000</b>   | <b>9,558,000</b>   | <b>9,558,000</b>   | <b>9,558,000</b>   |
| 494001 - SDWSD-R Chief Financial Officer   | 2,005,300          | 2,005,300          | 2,005,300          | 2,005,300          | 2,005,300          |
| 494111 - SDWSD-R Finance                   | 853,900            | 853,900            | 853,900            | 853,900            | 853,900            |
| 494121 - SDWSD-R Procurement               | 1,508,500          | 1,508,500          | 1,508,500          | 1,508,500          | 1,508,500          |
| 494131 - SDWSD-R Treasury                  | 1,134,400          | 1,134,400          | 1,134,400          | 1,134,400          | 1,134,400          |



**CITY OF DETROIT  
BUDGET DEVELOPMENT  
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - EXPENDITURES  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name                     |                    |                    |                    |                    |                    |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Fund # - Fund Name                                 | FY2024             | FY2025             | FY2026             | FY2027             | FY2028             |
| Appropriation # - Appropriation Name               | Adopted            | Mayor Proposed     | Forecast           | Forecast           | Forecast           |
| Cost Center # - Cost Center Name                   |                    |                    |                    |                    |                    |
| 494151 - SDWSD- R Budget                           | 203,500            | 203,500            | 203,500            | 203,500            | 203,500            |
| 494161 - SDWSD-R Billing & Collect                 | 3,440,300          | 3,440,300          | 3,440,300          | 3,440,300          | 3,440,300          |
| 494171 - SDWSD-R Internal Audit                    | 412,100            | 412,100            | 412,100            | 412,100            | 412,100            |
| <b>20181 - SDWSD-R Customer Service</b>            | <b>4,092,200</b>   | <b>4,092,200</b>   | <b>4,092,200</b>   | <b>4,092,200</b>   | <b>4,092,200</b>   |
| 495111 - SDWSD-R Customer Service                  | 4,092,200          | 4,092,200          | 4,092,200          | 4,092,200          | 4,092,200          |
| <b>20183 - SDWSD-R Non Operating Expense</b>       | <b>287,787,300</b> | <b>287,787,300</b> | <b>287,787,300</b> | <b>287,787,300</b> | <b>287,787,300</b> |
| 497111 - SDWSD-R Non-Operating Exp                 | 287,787,300        | 287,787,300        | 287,787,300        | 287,787,300        | 287,787,300        |
| <b>5821 - SDWSD-R Imp &amp; Ext</b>                | <b>62,491,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  |
| <b>20243 - SDWSD-R Improvement &amp; Extension</b> | <b>62,491,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  |
| 497711 - SDWSD-R Improvement & Extension Swr       | 62,491,500         | 36,907,500         | 36,907,500         | 36,907,500         | 36,907,500         |
| <b>5831 - SDWSD-R Sewerage Bond Fund</b>           | <b>22,142,900</b>  | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   |
| <b>20310 - SDWSDR 2015 Bond</b>                    | <b>22,142,900</b>  | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   |
| 497800 - SDWSDR Bond 2015                          | 22,142,900         | 6,219,900          | 6,219,900          | 6,219,900          | 6,219,900          |
| <b>Grand Total</b>                                 | <b>429,449,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - REVENUES  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name                     |                    |                    |                    |                    |                    |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Fund # - Fund Name                                 | FY2024             | FY2025             | FY2026             | FY2027             | FY2028             |
| Appropriation # - Appropriation Name               | Adopted            | Mayor Proposed     | Forecast           | Forecast           | Forecast           |
| Cost Center # - Cost Center Name                   |                    |                    |                    |                    |                    |
| <b>49 - Sewerage Department</b>                    | <b>429,449,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |
| <b>5820 - DWSD-R - Sewerage</b>                    | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> |
| <b>20184 - SDWSD-R Operating Revenue</b>           | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> | <b>344,815,500</b> |
| 497211 - SDWSD-R Receiving Revenue                 | 344,815,500        | 344,815,500        | 344,815,500        | 344,815,500        | 344,815,500        |
| <b>5821 - SDWSD-R Imp &amp; Ext</b>                | <b>62,491,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  |
| <b>20243 - SDWSD-R Improvement &amp; Extension</b> | <b>62,491,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  | <b>36,907,500</b>  |
| 497711 - SDWSD-R Improvement & Extension Swr       | 62,491,500         | 36,907,500         | 36,907,500         | 36,907,500         | 36,907,500         |
| <b>5831 - SDWSD-R Sewerage Bond Fund</b>           | <b>22,142,900</b>  | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   |
| <b>20310 - SDWSDR 2015 Bond</b>                    | <b>22,142,900</b>  | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   | <b>6,219,900</b>   |
| 497800 - SDWSDR Bond 2015                          | 22,142,900         | 6,219,900          | 6,219,900          | 6,219,900          | 6,219,900          |
| <b>Grand Total</b>                                 | <b>429,449,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> | <b>387,942,900</b> |

**CITY OF DETROIT  
BUDGET DEVELOPMENT  
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER  
DEPARTMENT 49 - SEWERAGE DEPARTMENT**

| Department # - Department Name               |           |                |           |           |           |
|--|-----------|----------------|-----------|-----------|-----------|
| Fund # - Fund Name                           |           |                |           |           |           |
| Appropriation # - Appropriation Name         | FY2024    | FY2025         | FY2026    | FY2027    | FY2028    |
| Cost Center # - Cost Center Name             | Adopted   | Mayor Proposed | Forecast  | Forecast  | Forecast  |
| Job Code - Job Title                         |           |                |           |           |           |
| <b>49 - Sewerage Department</b>              | <b>28</b> | <b>28</b>      | <b>28</b> | <b>28</b> | <b>28</b> |
| <b>5820 - DWSD-R - Sewerage</b>              | <b>28</b> | <b>28</b>      | <b>28</b> | <b>28</b> | <b>28</b> |
| <b>20178 - SDWSD-R Operations</b>            | <b>28</b> | <b>28</b>      | <b>28</b> | <b>28</b> | <b>28</b> |
| <b>492223 - SDWSD- R Storm Drainage</b>      | <b>28</b> | <b>28</b>      | <b>28</b> | <b>28</b> | <b>28</b> |
| 501014.Manager                               | 2         | 2              | 2         | 2         | 2         |
| 501025.Professional Administrative Analyst 1 | 2         | 2              | 2         | 2         | 2         |
| 501038.Customer Service Specialist 3         | 2         | 2              | 2         | 2         | 2         |
| 501048.Customer Service Specialist 4         | 3         | 3              | 3         | 3         | 3         |
| 502002.Field Services Director               | 1         | 1              | 1         | 1         | 1         |
| 502003.Engineer 1                            | 4         | 4              | 4         | 4         | 4         |
| 502005.Team Leader                           | 3         | 3              | 3         | 3         | 3         |
| 502011.Inspector 1                           | 3         | 3              | 3         | 3         | 3         |
| 502034.Engineer 2                            | 2         | 2              | 2         | 2         | 2         |
| 502035.Engineer 3                            | 4         | 4              | 4         | 4         | 4         |
| 502038.Engineering Technician 3              | 1         | 1              | 1         | 1         | 1         |
| 502043.Inspector 2                           | 1         | 1              | 1         | 1         | 1         |
| <b>Grand Total</b>                           | <b>28</b> | <b>28</b>      | <b>28</b> | <b>28</b> | <b>28</b> |