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Solving the water needs of tomorrow, today.

Chester Metropolitan District
Regular Commission Meeting
October 24, 2023

The Chester Metropolitan District's Regular Commission meeting was held at 6:00 pm on Tuesday, October 24, 2023, at Chester Metropolitan District's Main Office. Commissioners attending were George Wilmore, Chairman; Raymond Douglas, Tommy McMinn, David Shinn, Kim Chisholm, Charletta Thompson, Secretary; James Russell, and Jean Camp. Others in attendance were Fred Castles, Executive Director; Kelli Johnson, Executive Assistant; Richard Zhao, Finance Manager; Andy Litten, District Engineer; Chad Weir, Maintenance Superintendent; Delaney Ridgley, Raftelis; Ryan Swancy, Attorney; and Arthur Gaston, Attorney.

The Agenda for the October 24, 2023, Board Meeting was posted on the Chester Metropolitan District Website and in News and Reporter two weeks prior to meeting.

A quorum was present.

Chairman Wilmore called the meeting to order at 6:15 pm.

Minutes

Chairman Wilmore asked for corrections or additions to the September 19, 2023, meeting minutes. Motion to approve the minutes was made by David Shinn, seconded by Raymond Douglas, and approved 7-0 with 1 abstention.

Public Comment

There were no public comments.

Old Business

Filter Plant Report. Mr. Castles read the Filter Plant Report for September. A copy of the report is attached to the minutes.

Engineering Report and DMAG: Mr. Litten read the Engineering Report and DMAG Report for September. A copy of the report is attached to the minutes.

New Business

Capital Recovery Fee Presentation

Delaney Ridgley presented the Capital Recovery Fee Presentation from Raftelis. A copy of the presentation is attached to the minutes.

Mr. Castles presented CMD 2024 Capital Recovery Fee Implementation Schedule. A copy of the schedule is attached to the minutes.

Chairman Wilmore asked for a motion to hold Public Hearing for Capital Recovery Fees. A motion to hold Public Hearing for Capital Recovery fees was made by David Shinn, seconded by Raymond Douglas, and unanimously approved.

Approval of Lease-Purchase Proposal/Agreement

Mr. Castles presented the Lease-Purchase Proposal/Agreement for First Citizens Bank with a rate structure of 5.41% BQ, a maturity of four (4) years and a financing requested amount of \$278,295. Mr. Castles stated that CMD purchased six (6) new vehicles which were approved in the FY 23-24 budget. Mr. Castles stated that he reached out to other banking institutions and First Citizens was the only bank who offered a Lease-Purchase Proposal/Agreement for a municipality.

Chairman Wilmore asked for a motion to approve the Lease-Purchase Proposal/Agreement. A motion to approve the Lease-Purchase Proposal/Agreement was made by Raymond Douglas, seconded by James Russell, and unanimously approved.

Approval of Lease-Purchase Resolution

Mr. Castles presented the Lease-Purchase Resolution. A copy of the resolution is attached to the minutes.

Mr. Castles stated that the Lease-Purchase Resolution authorizes the Executive Director to enter into an agreement to purchase various vehicles at an aggregate price not to exceed \$278,295 and to finance such vehicles through an equipment lease purchase financing with First-Citizens Bank and Trust Company.

Chairman Wilmore asked for a motion to approve the Lease-Purchase Resolution. A motion to approve the Lease-Purchase Resolution was made by David Shinn, seconded by Kim Chisholm, and unanimously approved.

Director's Report: Mr. Castles read the Director's Report for September. A copy of the report is attached to the minutes.

Financial Report: Mr. Zhao read the Financial Report for September. A copy of the report is attached to the minutes.

Commissioner's Discussion

Mrs. Johnson stated that an email was sent to the Grievance Committee and a date is needed for the Grievance Committee Meeting. Mrs. Johnson also stated the CMD would be participating in all the parades this year.

With there being no further business to discuss, the meeting was adjourned. Motion to adjourn was made by Charletta Thompson, seconded by Kim Chisholm, and unanimously approved.

The meeting adjourned at 7:22 pm.

Approved:

Date: 11-21-2023

Respectfully Submitted:

By: *Kelli Johnson*

Chester Metropolitan District

Agenda

Tuesday, October 24, 2023

6:00 PM

Chester Metropolitan District

- I. Call Meeting to Order**
- II. Approval of September 19, 2023, Meeting Minutes**
- III. Public Comment**

Public Comment is limited to three (3) minutes per speaker.

IV. Old Business

- A. Filter Plant Report -Fred Castles
- B. Engineering Report -Andy Litten
- C. DMAG Report -Andy Litten

V. New Business

- A. Capital Recovery Fee Presentation -Bart Kreps
- B. Approval of Lease-Purchase Proposal/Agreement -Fred Castles
- C. Approval of Lease-Purchase Resolution -Fred Castles

VI. Reports

- A. Director's Update -Fred Castles
- B. Director's Report -Fred Castles
- C. Hydrant Report -Fred Castles
- D. Financial Report -Richard Zhao

VII. Commissioner's Discussion

VIII. Adjourn

This agenda is subject to change up to 24 hours in advance of the meeting.



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September 19, 2023

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The Agenda for the September 19, 2023, Board Meeting was posted on the Chester Metropolitan District Website and in News and Reporter two weeks prior to meeting.

A quorum was present.

Chairman Wilmore called the meeting to order at 6:07 pm.

Minutes

Chairman Wilmore asked for corrections or additions to the August 15, 2023, meeting minutes. Motion to approve the minutes was made by David Shinn, seconded by Charletta Thompson, and approved 5-0 with 1 abstention.

Public Comment

There were no public comments.

Old Business

Filter Plant Report. Mr. Castles read the Filter Plant Report for August. A copy of the report is attached to the minutes.

Engineering Report and DMAG: Mr. Litten read the Engineering Report and DMAG Report for August. A copy of the report is attached to the minutes.

New Business

Audit Request for Proposal and Commissioner Appointments to Selection Committee

Mr. Zhao stated that the RFP for a new Audit Firm will go live on SCBO and CMD website on September 26, 2023, and all bids are due on November 30, 2023. Mr. Zhao stated that a selection committee will review the bids and decide on the best firm to perform CMD's annual audit. Mr. Zhao stated the committee would be made up of three CMD employees (Fred Castles, Richard Zhao, and Andy Litten), and two commissioners. Mr. Zhao stated that he would like for the Board to appoint two commissioners to serve on the Selection Committee.

Chairman Wilmore stated that he would like for someone with financial experience to be on the selection committee.

A motion to appoint David Shinn and George Wilmore to the Selection Committee was made by Tommy McMinn, seconded by Charletta Thompson, and unanimously approved.

Approval of SRF PER

Mr. Castles stated that Mr. Zhao and himself met with SCDHEC on the SRF Grant on September 1, 2023. Mr. Castles stated that a Preliminary Engineering Report (PER) is required for the SRF loan. Mr. Castles stated that the engineer firm Hazen & Sawyer who we have a contract with for the Water Filtration Plant Renovations can perform the PER. Mr. Castles stated that Hazen & Sawyer has experience with completing Preliminary Engineer Reports and this report is required before CMD can move forward with the SRF loan. Mr. Castles explained that once the PER is completed it will then be submitted to SCDHEC for approval. This process can take up to 60 days, which is why the approval of the SRF PER is time sensitive. Mr. Castles stated that the cost for Phase 1, Amendment 2 is \$48,200 which covers the PER and the SRP Loan Application.

Chairman Wilmore asked for a motion to approve the SRF PER. A motion to approve the SRF PER was made by Charletta Thompson, seconded by Kim Chisholm, and unanimously approved.

Director's Report: Mr. Castles read the Director's Report for August. A copy of the report is attached to the minutes.

Financial Report: Mr. Zhao read the Financial Report for August. A copy of the report is attached to the minutes.

Commissioner's Discussion

Mrs. Johnson stated that the next Board Meeting will be held October 17, 2023, at 6pm. Mrs. Johnson stated that Mr. Castle's annual evaluation is due in October and asked if all Board members were in agreeance of having the evaluation meeting at 5pm on October 17th before the Board meeting at 6pm. All commissioners were in agreeance of having the evaluation meeting at 5pm. Mrs. Johnson stated that the Board Christmas Party will be held on December 19, 2023, at 6pm at the Wagon Wheel in Fort Lawn. Mrs. Johnson informed the Board that CMD is a sponsor for "Canned for a Cause" which is a Chester County-wide food drive that will be held November 7th, 8th, and 9th.

Mr. McMinn stated that John Agee (County Council Member) spoke with the Richburg Town Council and stated that CMD and other utility companies in Chester do not meet together enough and would like for them to begin holding meetings with County Council.

Mr. Castles stated that CMD meets on a regular basis with Chester County Economic Development, but he would reach out to Mr. Agee and would report back to the Board next month.

With there being no further business to discuss, the meeting was adjourned. Motion to adjourn was made by Charletta Thompson, seconded by David Shinn, and unanimously approved.

The meeting adjourned at 7:03 pm.

Approved:

Respectfully Submitted:

Date: _____

By: _____

Filter Plant Report

September 2023

- The water plant staff collected and analyzed 18 distribution samples for the presence of Total coliform bacteria. All samples absent.
- The water plant maintained an average finished water Total chlorine at POE of 3.15 ppm. In the areas of the distribution system where bacteria samples were collected, we measured an average Total chlorine residual of 0.78 ppm.
- We performed monthly preventive maintenance on the filter plant venturis.
- We performed monthly preventive maintenance on the finish water ammonia injectors.
- We performed monthly thermal imaging; vibration levels and amperage draw on the Raw water and High Service pumps/motors and control circuits.
- Replaced (2) Plate & Frame Press plate membranes.
- Removed and replaced the electric operating valve on #1 Trac-Vac.
- Replaced a proximity sensor on the Plate & Frame press washer.
- Drained and cleaned the thickener and set up the hoses and equipment to start washing the West and East basin.
- Cleaned both sedimentation basins and placed back online. Removed the gates and tripod, rolled up the fire hoses and placed back in storage.
- While the basin was being cleaned, we replaced an airline "Tee" fitting on the #5 Trac-Vac.
- Replaced the GFI outlet in the chemical injection pit, adjusted the sump pump floats to proper level.
- Fluoride discharge line clogged again, installed a manual inline flush valve to be operated monthly.
- The distribution Maintenance crew re-leveled the sinking clarifier discharge valves pads and filled the void with quick fill to stabilize the pads.
- Pace Analytical Services collected PFAS samples on the river water and Finish discharge water at the plant on 09-27-23.
- Replaced and sealed (5) rubber pipe boots on the Press Building roof and replaced some missing trim and panel screws.

CMD Engineering Department Report October 2023 Meeting

10/05/2023

Development Project Reviews

Richburg Meadows (Richburg): Nothing new this month.

Village Drive PD (Chester): No change this month.

Knights Bridge (Richburg): We're waiting on revised as-builts.

Walker's Mill (Richburg): We're waiting on as-builts for the off-site water line. On-site water line construction continues. (No change)

Stanton Subdivision (Richburg): We approved the plans and the developer paid the Capital Recovery Fee. We're waiting on a construction permit from SCDHEC.

Oliphant Warehouse (Chester): We're reviewing the plans for a new warehouse on the corner of Cedarhurst and Hwy 9.

IKO Cedarhurst (Chester): We're waiting on plans for the new manufacturing site.

Oliphant Warehouse #2 (Chester): We're waiting on plans for an addition to the existing warehouse on Cedarhurst.

Fort Lawn Fire Department (Fort Lawn): We're reviewing the revised plans.

In-House Projects

Magnolia St, Great Falls: We're working on the last 7-8 services along Chester Ave so we can abandon the water lines in the backyards. We've installed a few more services.

Hope St, Chester: We've pressure tested and disinfected the line. Bacteriological tests are underway. Once those pass, the line will be placed into operation. We're having difficulty getting the bacteriological tests to pass. SCDHEC requires 2 passing, consecutive tests to place the line into operation. We can get one but can't get the second passing test so we keep re-disinfecting the line

Linden Drive Waterline Replacement Project

The Contractor is making good progress. About 60% complete. All of the main line is installed. Need to make the bore and tap on Pinckney Road, make the tie-in on Pine Ridge Road, and install the new service.

Filter Plant Rehabilitation Project

We reviewed the 60% comments with the Engineer, and they are working on the final plans. (No change)

90% plan completion scheduled for October 27th.

Toilet Rebate Program

Applications for Rebate this month: 1

Other Miscellaneous Projects

Catawba-Wateree Drought Management Advisory Group (DMAG)

Normal conditions (no change).

Chester Metropolitan District

Capital Recovery Fee Update

August 8th, 2023



September 27, 2023

Mr. Fred W Castles
Executive Director
155 Wylie Street
P.O. Box 550
Chester, SC 29706

Re: Chester Metropolitan District Capital Recovery Fee Update

Dear Mr. Castles:

Raftelis Financial Consultants, Inc. (Raftelis) has completed an evaluation to develop and update cost-justified capital recovery fees (CRF) for fiscal year (FY) 2024 for consideration by the Chester Metropolitan District (CMD). This report documents the results of our analysis, which was calculated in accordance with common industry practice and applicable state laws. In general, capital recovery fees, also known as impact fees, capacity fees, or development fees, should comply with the Rational Nexus test which states that: 1) the need for capacity charges is a result of new growth; 2) the amount of the charge does not exceed the reasonable cost to provide capacity to accommodate growth; and 3) the funds collected must be adequately earmarked for the sufficient benefit of the new customers required to pay the fee. The Rational Nexus test is a common legal consideration related to capital recovery fees and has been reinforced by the US Supreme Court on numerous occasions¹. In addition, Title 6, Chapter 1 of the South Carolina Code of Laws, particularly Sections 6-1-1080 and 6-1-330, provides additional guidance for determining and imposing such fees. Consistent with SC Code Section 6-1-1080(2), this report documents the basis, use, calculation, and method of collection of capital recovery fees for CMD.

In developing the conclusions contained within this report, Raftelis has relied on certain assumptions and information provided by CMD, who is most knowledgeable of the water system and its finances and operations, including the capital improvement plan (CIP). While Raftelis has not independently verified the accuracy of the information provided by CMD, we believe such sources are reliable and the information obtained to be reasonable and appropriate for the analysis undertaken and the conclusions reached.

Background

Capital recovery fees are one-time charges assessed to new water customers for their use of system capacity and serve as an equitable method by which to recover up-front capacity costs from those using the capacity.

In general, capital recovery fees are calculated based on (1) a cost analysis of the existing or planned infrastructure that is in place, or will be constructed, to serve new capacity demands, and (2) the existing or additional capacity associated with these assets.

¹ AWWA M1 Manual (p.324). *Nollan vs. California Coastal Commission* (483 US 825) and *Dolan v. City of Tigard* (512 US 687)

Chester Metropolitan District

There are three methodologies that could be used to calculate capital recovery fees. These include the buy-in method, the incremental cost method, and the combined cost method. A description of each of these methods is included in the following paragraphs:

Buy-In Method:

Under the Buy-In Method, a capital recovery fee is calculated based on the proportional cost of each user's share of existing system capacity. This approach is typically used when existing facilities can provide adequate capacity to accommodate future growth. The cost of capacity is derived by dividing the estimated value of existing facilities by the current capacity provided by existing facilities. Adjustments to the value of existing facilities are made for developer contributed assets, grant funds, and outstanding debt.

Incremental Cost Method:

Under the Incremental Cost Method, also referred to as the Marginal Cost Method, a capital recovery fee is calculated based on a new customer's proportional share of the incremental future cost of system capacity. This approach is typically used when existing facilities have limited or no capacity to accommodate future growth. The cost of capacity is calculated by dividing the total cost of growth-related capital investments by the additional capacity provided as a result of the investments.

Combined Method:

Under the Combined Method, a capital recovery fee is calculated based on the blended value of both the existing and expanded system capacity. This method is typically used when existing facilities provide adequate capacity to accommodate a portion of the capacity needs of new customers, but where significant investment in new facilities to address a portion of the capacity needs of future growth is also anticipated, or where some capacity is available in parts of the existing system, but incremental capacity will be needed for other parts of the system to serve new customers at some point in the future.

In 2016, the capital recovery fees were calculated using the Buy-In method because system capacity was sufficient for the existing and immediate demand at that point. However, given the growth in CMD's customer base and the need for future capital investment to accommodate the growth in parts of the system, the Combined method was used to calculate the water capital recovery fees for CMD.

The following steps were completed to calculate the fees under the Combined Method:

1. The replacement value of existing system facilities was calculated, and adjustments were made to derive a net replacement value estimate. Adjustments included deducting accumulated depreciation, developer contributions, and a portion of outstanding debt. The core-system capital improvement projects were also incorporated into the total system value, net of the future debt which was assumed to fund the projects.
2. The unit cost of system capacity was calculated by dividing the total system value from step 1 by the total capacity of the system. This includes the current capacity of the system plus any capacity added by the capital projects.
3. The amount of capacity assumed for one unit of new development was identified. One equivalent residential unit (ERU) was defined as the smallest service unit of new development consisting of 300 gallons per day (GPD), per the guidelines published by the South Carolina Department of Health and Environmental Control (DHEC).

4. The capital recovery fee for one ERU was calculated by multiplying the cost per GPD of system capacity, as defined in step 2, by the capacity associated with one ERU, as defined in step 3.
5. The calculated capital recovery fee for one ERU was scaled for different categories of demand. Meter capacity ratios were used to scale capital recovery fees from a base meter size, or the smallest unit of new development (one ERU), to different categories of demand, as defined by the different customer meter sizes.

Calculation of Capital Recovery Fees

Step 1 – Estimate the System Value and Apply Adjustments

Raftelis individually reviewed each asset in the fixed asset records provided by CMD as of June 30th, 2022, which were categorized into the following categories shown in Table 1, along with their original cost and net book values.

Table 1. Fixed Asset Categories

Asset Category	Original Value	Net Book Value
Administration	\$166,797	\$71,225
Distribution	\$21,549,575	\$5,639,549
Engineering	\$128,188	\$39,177
Filter Plant	\$9,667,007	\$3,233,979
Information Services	\$17,114	\$1,413
Meter	\$2,925,11	\$2,140,841
Total	\$31,528,681	\$11,126,184

Next, the replacement value of the existing assets was estimated. Each asset's original cost, as defined in the fixed asset listing provided by CMD, was escalated to 2023 dollars based on the year the asset was purchased and the corresponding escalation factor for that year. Escalation factors for each year were developed using the Handy-Whitman Index (HWI) for the South Atlantic Region, which provides an annual index value representing the relative change in construction costs for each year from 1908 to 2023. Using the HWI to estimate an asset's current replacement cost is an industry accepted method by which to value system facilities.

The replacement costs of the assets were adjusted by their indexed accumulated depreciation to derive the Replacement Cost New Less Depreciation (RCNLD) amounts. The estimated RCNLD values for system assets are summarized in Table 2.

As shown in Table 2, the RCNLD value of the system was estimated to be approximately \$19.8 million. Several additional adjustments were made to the estimated system RCNLD values, which included adjustments for meters, distribution lines, and a portion of outstanding debt, as described below.

Table 2. RCLND Summary

Asset Category	RCLND
Administration	\$93,833
Distribution	\$11,512,009
Engineering	\$47,948
Filter Plant	\$5,264,934
Information Services	\$1,915
Meters	\$2,910,488
Total	\$19,831,128

FUTURE CAPITAL SPENDING

Another key component of the system value when utilizing the Combined Method is the planned capital spending. CMD staff provided Raftelis with a 10-year Capital Improvement Plan (CIP), which contained \$58.5 million of core capital spending, which was added to the system value. The CIP includes a 3-phase improvement project for its treatment plant, two elevated storage tanks, waterline replacements, new pump stations, and administrative building renovations. Projects related to the system's distribution (e.g., lines, booster stations, tanks) system were adjusted by the inch-foot percentage, described in the following section, in order to exclusively reflect projects related to core processes. This is reflected in Table 3 below.

Table 3. Project Costs

Project	Project Cost	% Core	Core Project Cost
Phase I -Reno, SCADA,Elec, Impr. Basins Less Grant Funding (\$10m)	\$6,006,000	100%	\$6,006,000
Phase 2 - Admin. Bldg Reno, New building, Clearwell, Yard Piping	\$8,910,000	100%	\$8,910,000
Phase 2.1 - Clearwell 2MGD Storage Tank	\$2,630,000	100%	\$2,630,000
Phase 3 - New RWPS, HSPS, Chemical Feed Sys, Resid, Maint Bldg	\$20,000,000	100%	\$20,000,000
Waterline Replacements	\$5,571,200	66%	\$3,694,637
Booster Pump Station (Rodman)	\$900,000	66%	\$596,851
1MG Elevated Water Tank (Rodman)	\$5,000,000	100%	\$5,000,000
Water Line Extension to Great Falls 12" (Hwy 21)	\$3,400,000	100%	\$3,400,000
Water Tank Great Falls	-	100%	-
New Maintenance Office Building	\$300,000	100%	\$300,000
1 MG Elevated Water Tank (Chester)	\$5,800,000	100%	\$5,800,000
Total	\$58,517,200		\$56,337,488

NON-CORE AND CONTRIBUTED ASSETS

Next, assets such as meters, vehicles, and other non-core assets are excluded from the total system value used in the fee calculation. Additionally, the estimated value of CMD's local distribution lines were removed from the calculation because these lines are generally not considered core assets. The value for local distribution lines was estimated by calculating the inch-feet of pipe in CMD's system that is 8 inches in diameter and smaller relative to the entire system and applying that percentage to the overall value of CMD's distribution system. Of the system's \$11.5 million of RCNLD value in the overall distribution system, \$7.1 million was estimated to be local lines based on the relative portion of the system with pipe diameter size less than or equal to 8 inches.

Finally, the fixed assets were reviewed to identify assets that were contributed, or paid for, by developers or funded with grants. These assets are customarily subtracted from the RCNLD value, as they do not represent an investment in system capacity by CMD. After reviewing CMD's contributed capital, it was determined that all contributed capital were local distribution lines, which were already being excluded from the calculation.

Table 4. displays the adjusted value of CMD's system, which includes the current assets and cash value as well as the future core capital spending and adjusted for non-core assets.

Table 4. Adjusted System Value

Description	
Assets (RCNLD)	\$19,831,128
Plus: Uncommitted Funds	\$9,032,291
Plus: Future Core Capital Spending	\$56,337,488
Less: Local Distribution Lines	(\$7,143,139)
Less: Meters	(\$2,910,488)
Less: Non-Core Assets	(\$128,474)
Total System Value Before Credits	\$75,018,806

DEBT COST

Debt from existing and projected assets was excluded from the system value in order to reflect that a portion of the debt associated with system facilities will be repaid with user charges and a portion will be repaid with capital recovery fee revenues. As such, debt may be subtracted from the system value to prevent a perception of recovering the cost of the assets twice, once when assessing capital recovery fees for new customers, and then again when these customers pay user charges.

The total outstanding debt used to fund existing core assets was approximately \$5.1 million. In addition, based on CMD's projected capital funding plan, Raftelis conservatively assumed that the utility's future core projects will be 75% funded with debt, which was projected based on 25-year terms and 5.0% interest rates. The debt credit for these issuances was determined by calculating the Net Present Value (NPV) of the principal payments using CMD's weighted average cost of capital (WACC) of 6.01%. The WACC was calculated by weighting the relative shares of CMD's capital structure, which includes roughly \$5.0 million in outstanding debt with a 3.0% cost of capital and roughly \$6.7 million of capital assets net of debt (equity), with an estimated 8.3% cost of capital. Table 5 shows the summary of CMD's outstanding debt and NPV of its proposed debt.

Table 5. Total Debt

Description	
Outstanding Principal	\$5,109,897
NPV of Proposed Debt	\$13,984,995
Total Debt	\$19,094,892

The resulting adjustments to the system value are shown in Table 6.

Table 6. Calculation of Net System Value

Description	
Total System Value Before Credits	\$75,018,806
Less: Debt Credit	(\$19,094,892)
Net System Value	\$55,923,913

Step 2 – Calculate the Unit Cost of System Capacity

The cost per unit of system capacity was calculated by dividing the adjusted system values (derived in Step 1) by the system capacity. The treatment capacity of the system is currently 7.60 million gallons per day (MGD). Additionally, CMD will be adding 3.2 MGD of capacity with capital expansion, for a total system capacity of 10.8 MGD. The total capacity was adjusted for water loss through the system, which was estimated as 14% based on data provided by CMD. The adjusted capacity was calculated to be 9.48 MGD ($10.8 \text{ MGD} \div 1.14$), as shown in Table 7. Therefore, the cost per unit of system capacity for the system was calculated to be \$5.90 per GPD ($\$55,923,913 \div 9.48 \text{ MGD}$), shown in Table 8.

Table 7. Adjusted Capacity

Description	
System Capacity (MGD)	10.80
Water Loss Factor	1.14
Total Adjusted Capacity	9.48

Step 3 – Estimate the Amount of Capacity Per Service Unit of New Development

The next step is to define the level of demand associated with a typical, or average, residential customer, often referred to as an Equivalent Residential Unit (ERU). The guidelines provided by the South Carolina DHEC estimate daily wastewater flow for a single-family residential unit of 300 GPD. Based on these guidelines, 300 GPD was assumed per ERU for the purposes of this analysis.

Step 4 – Calculate the Capital Recovery Fee for One ERU

The capital recovery fee for one ERU was calculated by multiplying the unit cost of capacity from Step 2 by the capacity demanded by one ERU from Step 3. The calculations are provided in Table 8.

Table 8. Calculation of CRF for One ERU

Description	
Net System Value	\$55,923,913
Total Adjusted Capacity (gallons per day)	9,480,000
Unit Cost of Capacity (\$ / gallon per day)	\$5.90
Capacity Required for 1 ERU (gallons per day)	300
Capital Recovery Fee per ERU	\$1,769.37

Step 5 – Scale the Capital Recovery Fees for Various Categories of Demand

The capital recovery fees for larger meter sizes were scaled using water meter capacity ratios, as published by the American Water Works Association in Principles of Water Rates, Fees, and Charges.² The meter capacity ratios and resulting fees are shown in Table 9.

Table 9. Fee Scale Using Meter Capacity Ratios

Meter Size	Capacity Ratio ³	Capital Recovery Fee
¾"	1.00	\$ 1,769.38
1"	1.67	\$ 2,954.85
1.5"	3.33	\$ 5,892.01
2"	5.33	\$ 9,430.75

This provides a straight-forward approach for assessing customers with larger meters that is easy to administer and provides reasonable equity for most new customers. However, the level of flows assigned to a 5/8" or 3/4" meter, based on the ERU concept, is significantly below the actual capacity of that meter size. As a result, since larger meters are scaled up from this starting point, there is a potential to dramatically understate the flows for customers with larger meters. To address this issue, Raftelis recommends that CMD retains its current flexibility in how customers with meters greater than 2-inches are assessed a CRF. Specifically, for customers requesting a meter greater than two inches in diameter, CMD should require an engineering analysis of expected water usage. This engineering analysis should provide an estimate of expected peak day and average day water usage. Peak day demand (GPD) would be multiplied by the cost of capacity (\$5.90 per GPD) to determine the CRF.

² Manual of Water Supply Practices (M1), Principles of Water Rates, Fees, and Charges, American Water Works Association, 7th Edition, Table VII.2-5 on p. 338.

³ Raftelis recommends that CMD requires an engineering analysis of expected water usage for meters greater than 2-inches.

Chester Metropolitan District

Collection & Use of Fees

The capital recovery fees shown in Table 9 represent the maximum cost justified level of capital recovery fees that can be assessed by CMD. Based on discussion with CMD staff, CMD is considering phasing its current fee, which is based on \$1.99 per GPD, up to the calculated amount described in this report in order to reduce the immediate financial impact to customers. While Raftelis supports this decision, CMD should assess the same cost per gallon per day to all customers so that all customers are paying equally for the cost of capacity.

We appreciate the opportunity to assist Chester Metropolitan District with this important engagement. Should you have questions, please do not hesitate to contact me at (704) 936-4438.

Very truly yours,

RAFTELIS FINANCIAL CONSULTANTS, INC.



Bart Kreps
Vice President



Delaney Ridgley
Manager

Chester Metropolitan District

Hydrant Report

October 24, 2023

<u>0</u>	New Placement
<u>1</u>	Hydrants Replaced
<u>0</u>	Hydrants Repaired
<u>0</u>	Hydrants Removed
<u>0</u>	Hydrants Relocated
<u>\$3,500</u>	\$ Spent on Hydrant Work

<u>5534</u>	Total Hydrants Worked to Date
<u>\$ 1,241,397</u>	Total Cost to Date
<u>- 0 -</u>	Local Match
<u>- 0 -</u>	Contract Services
<u>\$ 1,241,397</u>	Total Cost

Poplar/Unique



Chester Metropolitan District
2024 Capital Recovery Fee Implementation Schedule

Current CRF = 300 gal/day x 1.4 x 1.25 x \$1.99 = \$1045.00

Proposed CRF = 300 gal/day x \$5.90 = \$1,770.00

July 1, 2023	CRF = \$1045.00	Current
January 1, 2024	CRF = \$1,408.00	Proposed (+50% difference)
July 1, 2024	CRF = \$1,770.00	Proposed



October 11, 2023

To: Fred Castles, Executive Director and Richard Zhao, Finance Manager

Re: Proposal for 2023 Lease Purchase, Chester Metropolitan District, South Carolina

Following is our offer for the financing requested in the amount of \$278,295:

Rate Structure	Maturity	Payment Structure
5.41% BQ	4 Years	Monthly principal and interest payments.

This transaction can be closed using draft documents provided by First-Citizens Bank & Trust Company or Bond Counsel. There will be no closing costs or ongoing fees due to the Bank. In addition to executed transaction documents in form satisfactory to the Bank, you must provide an opinion of your attorney addressing certain matters, including, but not limited to:

1. The Borrowing Structure is valid, legal, binding, and enforceable;
2. The tax-exempt status of the interest component of payments due under the financing. The attorney's opinion must state that the borrowing is designated as a "qualified tax-exempt obligation" under Section 265(b)(3)(B) of the Internal Revenue Code of 1986, as amended.

The borrowing entity must also designate the obligation as a "qualified tax-exempt obligation" prior to closing. It is recommended that this designation be included or recited in the borrowing ordinance/resolution. You or your advisors will be responsible for preparing and filing any IRS required documents.

The rate contained in this proposal is subject to change unless the loan is closed within 45 days of the date hereof. If you have any questions, please contact Courtney Dunlap at 803-931-1721 or me at 803-931-1723.

Thank you for the opportunity to submit this proposal.

First-Citizens Bank & Trust Company

By: Steve Groth
Director of Government Lending

The foregoing proposal is
accepted and approval of
rate and funding is requested:

Chester Metropolitan District, South Carolina

By: _____

Title: _____

Date: _____

Chester Metropolitan District 2023 LP

Computation Interval: Monthly

Nominal Annual Rate: 5.410%

Cash Flow Data - Loans and Payments

	Event	Date	Amount	Number	Period	End Date
1	Loan	11/15/2023	278,295.00	1		
2	Payment	12/15/2023	6,460.75	47	Monthly	10/15/2027
3	Payment	11/15/2027	6,460.89	1		

TValue Amortization Schedule - U.S. Rule, 30E3/360

	Date	Payment	Interest	Principal	Balance
Loan	11/15/2023				278,295.00
1	12/15/2023	6,460.75	1,254.65	5,206.10	273,088.90
2023 Totals		6,460.75	1,254.65	5,206.10	
2	01/15/2024	6,460.75	1,231.18	5,229.57	267,859.33
3	02/15/2024	6,460.75	1,207.60	5,253.15	262,606.18
4	03/15/2024	6,460.75	1,183.92	5,276.83	257,329.35
5	04/15/2024	6,460.75	1,160.13	5,300.62	252,028.73
6	05/15/2024	6,460.75	1,136.23	5,324.52	246,704.21
7	06/15/2024	6,460.75	1,112.22	5,348.53	241,355.68
8	07/15/2024	6,460.75	1,088.11	5,372.64	235,983.04
9	08/15/2024	6,460.75	1,063.89	5,396.86	230,586.18
10	09/15/2024	6,460.75	1,039.56	5,421.19	225,164.99
11	10/15/2024	6,460.75	1,015.12	5,445.63	219,719.36
12	11/15/2024	6,460.75	990.57	5,470.18	214,249.18
13	12/15/2024	6,460.75	965.91	5,494.84	208,754.34
2024 Totals		77,529.00	13,194.44	64,334.56	
14	01/15/2025	6,460.75	941.13	5,519.62	203,234.72
15	02/15/2025	6,460.75	916.25	5,544.50	197,690.22
16	03/15/2025	6,460.75	891.25	5,569.50	192,120.72
17	04/15/2025	6,460.75	866.14	5,594.61	186,526.11
18	05/15/2025	6,460.75	840.92	5,619.83	180,906.28
19	06/15/2025	6,460.75	815.59	5,645.16	175,261.12
20	07/15/2025	6,460.75	790.14	5,670.61	169,590.51
21	08/15/2025	6,460.75	764.57	5,696.18	163,894.33
22	09/15/2025	6,460.75	738.89	5,721.86	158,172.47
23	10/15/2025	6,460.75	713.09	5,747.66	152,424.81

Chester Metropolitan District 2023 LP

	Date	Payment	Interest	Principal	Balance
24	11/15/2025	6,460.75	687.18	5,773.57	146,651.24
25	12/15/2025	6,460.75	661.15	5,799.60	140,851.64
2025 Totals		77,529.00	9,626.30	67,902.70	
26	01/15/2026	6,460.75	635.01	5,825.74	135,025.90
27	02/15/2026	6,460.75	608.74	5,852.01	129,173.89
28	03/15/2026	6,460.75	582.36	5,878.39	123,295.50
29	04/15/2026	6,460.75	555.86	5,904.89	117,390.61
30	05/15/2026	6,460.75	529.24	5,931.51	111,459.10
31	06/15/2026	6,460.75	502.49	5,958.26	105,500.84
32	07/15/2026	6,460.75	475.63	5,985.12	99,515.72
33	08/15/2026	6,460.75	448.65	6,012.10	93,503.62
34	09/15/2026	6,460.75	421.55	6,039.20	87,464.42
35	10/15/2026	6,460.75	394.32	6,066.43	81,397.99
36	11/15/2026	6,460.75	366.97	6,093.78	75,304.21
37	12/15/2026	6,460.75	339.50	6,121.25	69,182.96
2026 Totals		77,529.00	5,860.32	71,668.68	
38	01/15/2027	6,460.75	311.90	6,148.85	63,034.11
39	02/15/2027	6,460.75	284.18	6,176.57	56,857.54
40	03/15/2027	6,460.75	256.33	6,204.42	50,653.12
41	04/15/2027	6,460.75	228.36	6,232.39	44,420.73
42	05/15/2027	6,460.75	200.26	6,260.49	38,160.24
43	06/15/2027	6,460.75	172.04	6,288.71	31,871.53
44	07/15/2027	6,460.75	143.69	6,317.06	25,554.47
45	08/15/2027	6,460.75	115.21	6,345.54	19,208.93
46	09/15/2027	6,460.75	86.60	6,374.15	12,834.78
47	10/15/2027	6,460.75	57.86	6,402.89	6,431.89
48	11/15/2027	6,460.89	29.00	6,431.89	0.00
2027 Totals		71,068.39	1,885.43	69,182.96	
Grand Totals		310,116.14	31,821.14	278,295.00	

ANNUAL PERCENTAGE RATE	FINANCE CHARGE	Amount Financed	Total of Payments
The cost of your credit as a yearly rate.	The dollar amount the credit will cost you.	The amount of credit provided to you or on your behalf.	The amount you will have paid after you have made all payments as scheduled.
5.410%	\$31,821.14	\$278,295.00	\$310,116.14

A RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO (I) ENTER INTO AN AGREEMENT TO PURCHASE VARIOUS VEHICLES AT AN AGGREGATE PRICE NOT TO EXCEED \$278,295, AND (II) TO FINANCE SUCH VEHICLES THROUGH AN EQUIPMENT LEASE PURCHASE FINANCING WITH FIRST-CITIZENS BANK & TRUST COMPANY; AND OTHER MATTERS RELATED THERETO

WHEREAS, the Chester Metropolitan Commission (the "*Commission*"), the governing body of the Chester Metropolitan District, South Carolina (the "*District*"), has determined that a need exists to finance various vehicles and related for use by the District in providing services related to the distribution of water to the citizens of the District (collectively, the "*Equipment*");

WHEREAS, the Equipment is essential to the operations of the District;

WHEREAS, the Equipment shall be acquired by and titled (as applicable) in the name of the District; and

WHEREAS, First-Citizens Bank & Trust Company (the "*Bank*") has agreed to finance the purchase of the Equipment at an interest rate of 5.41% for a period of four (4) years (the "*Financing*").

NOW, THEREFORE, BE IT RESOLVED that the Chester Metropolitan Commission, as the governing body of the Chester Metropolitan District, South Carolina, as follows:

1. The District hereby authorizes the Executive Director of the District (the "*Executive Director*") to enter into a lease purchase agreement as necessary to acquire and purchase the Equipment from the applicable vendor(s) therefor.

2. The District hereby authorizes the Executive Director to enter into the Financing with the Bank. The Financing may be issued as a single obligation or, alternatively, separated into multiple series of obligations. The Financing may further be issued on a taxable or tax-exempt basis as determined by counsel to the District. The amount of the Financing, including any costs of issuance associated therewith, shall not exceed \$278,295 (the "*Lease Amount*") and the final Lease Amount, term, closing date, and other material terms for the Financing shall be determined by the Executive Director.

3. All financing contracts and all related documents for the closing of the Financing (the "*Financing Documents*") shall be consistent with the foregoing terms. The Executive Director is hereby authorized and directed to execute and deliver any Financing Documents, and to take all such further action as they may consider necessary or desirable to carry out the Financing as contemplated by the provisions of this resolution (this "*Resolution*").

4. The Executive Director is hereby directed and authorized to hold executed copies of the Financing Documents until the conditions for delivery of the Financing Documents have been completed to his satisfaction. The Financing Documents shall be in such final forms as the Executive Director shall approve, with the Executive Director's release of any Financing

Document for delivery constituting conclusive evidence of such officer's final approval of the final form of any of the Financing Documents.

5. The District shall not take or omit to take any action the taking or omission of which shall cause its interest payments on the Financing to be includable in the gross income for federal tax purposes of the registered owners of the Financing. To the extent the District does not intend to issue more than \$10 million of tax-exempt obligations in calendar year 2023, the District hereby designates the Financing as a "qualified tax-exempt obligation" for the purpose of Section 265(b)(3) of the Internal Revenue Code of 1986, as amended.

6. The District intends that the adoption of this Resolution will be a declaration of the District's official intent under United States Department of the Treasury Regulation Section 1.150-2 to reimburse expenditures for the Equipment that are to be financed from the proceeds of monies received under the Financing. To that end, Commission determines and declares as follows:

(a) The District reasonably expects that some portion of the expenditures incurred for the Equipment and the issuance of the Financing will be paid prior to the issuance of the Financing;

(b) The District intends and reasonably expects to reimburse itself for all such expenditures paid by it with respect to the Equipment prior to the issuance of the Financing from the proceeds of the Financing, and such intention is consistent with the budgetary and financial circumstances of the District; and

(c) All of the costs to reimbursed from the proceeds of the Financing will be for costs incurred in connection with the issuance of the Financing, or will, at the time of payment thereof, be properly chargeable to the capital account associated with the Equipment (or would be so chargeable with a proper election) under general federal income tax principles.

7. The District understands that certain costs of issuance are associated with the Financing and the District covenants and agrees that all such costs will be timely paid upon the closing of the Financing Documents and may be included in the Lease Amount.

8. The terms of this Resolution shall amend and restate any prior resolutions or approvals related to the Equipment. To the extent of any conflict between any prior resolution and this Resolution related to the Equipment or the Financing, this Resolution shall be controlling in all respects.

9. All prior actions of District officers in furtherance of the purposes of this Resolution are hereby ratified, approved and confirmed. All other resolutions (or parts thereof) in conflict with this Resolution are hereby repealed, to the extent of the conflict. This Resolution shall take effect immediately.

DONE IN MEETING DULY ASSEMBLED this 24th day of October, 2023.

**CHESTER METROPOLITAN DISTRICT,
SOUTH CAROLINA**

(SEAL)

By: _____
Chairman of the Commission

Attest:

Secretary of the Commission

Chester Metropolitan District

Director's Report

FY 2023-2024

	September 2023	TOTAL L 12 MOS	AVERAGE L 12 MOS
DISTRIBUTION NUMBER:			
Taps	2	30	2.5
Leaks	8	52	4.3
Main Break Leaks	6	44	3.7
Hydrants	1	2	0.7
DISTRIBUTION MANHOURS:			
Taps	132.0	1,426	118.8
Main Break Leaks	51	1662	138.5
Leaks	340.0	3,170	264.2
Equipment	8.0	535	44.6
Shop	270.0	3,851	320.9
Dist. Maintenance	1190.0	17,278	1,439.8
Asphalt	116.0	904	75.3
Meters	0.0	-	-
Filter Plant	0.0	-	-
Hydrants	20.0	46	3.8
Construction Projects	12.0	348	29.0
Service Orders	66		
Total Manhours	2205.0	30,177	2,514.8
Overtime Hours	222.0	1,777	148.1
METER CALLS:			
Ons	71	1,066	88.8
Offs	18	363	30.3
Miscellaneous	27	515	42.9
Nonpayment Disconnects	252	2,928	244.0
Reinstates	171	2,653	221.1
Total Calls	539	7,709	642.4
Overtime Hours	6.0	54.0	4.5
BILLING INFORMATION:			
Non-Leak Adjustments:	1	48	4.0
Leak Adjustments	52	570	47.5
\$\$\$ Adjusted	\$ 2,822.38	\$ 42,522.65	\$ 3,543.55
Bills Mailed	6,454	76,100.0	6,341.7
Thousand Gallons Billed	60,256.0	700,114.0	58,342.8
Thousand Gallons Pumped	75,565.0	872,907.0	72,742.3
% Accounted For	79.7%	80.3%	80.3%
Other Gallons Accounted For (1,000)	1,304.0	24,755.2	2,062.9
Adjusted % Accounted For	81.5%	83.0%	82.7%

Chester Metropolitan District

Hydrant Report

October 24, 2023

<u>0</u>	New Placement
<u>1</u>	Hydrants Replaced
<u>0</u>	Hydrants Repaired
<u>0</u>	Hydrants Removed
<u>0</u>	Hydrants Relocated
<u>\$3,500</u>	\$ Spent on Hydrant Work

<u>5534</u>	Total Hydrants Worked to Date
<u>\$ 1,241,397</u>	Total Cost to Date
<u>- 0 -</u>	Local Match
<u>- 0 -</u>	Contract Services
<u>\$ 1,241,397</u>	Total Cost

Poplar/Unique



Statement of Revenue and Expense

Account Summary

For Fiscal: 2023 - 2024 Period Ending: 09/30/2023

	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Revenue					
Function: 0100 - Operating Revenue					
Department: 0100 - Operating Revenue					
100-0100-411000 Water Service Revenue	8,646,284.00	8,646,284.00	773,736.12	1,711,909.74	6,934,374.26
100-0100-411003 Tap Fees	97,500.00	97,500.00	0.00	4,788.00	92,712.00
100-0100-411004 Hydrant Meter Fee	28,894.00	28,894.00	1,370.00	8,105.00	20,789.00
100-0100-412000 Penalties	81,746.00	81,746.00	5,943.00	20,112.00	61,634.00
100-0100-412001 Non-Payment Fees	142,251.00	142,251.00	9,810.00	28,710.00	113,541.00
100-0100-412003 NSF Fees	3,291.00	3,291.00	240.00	690.00	2,601.00
100-0100-413000 Expense Reimbursements	285,066.00	285,066.00	23,755.00	62,259.00	222,807.00
100-0100-413001 Credit Card Fees	122,400.00	122,400.00	9,496.29	27,125.64	95,274.36
100-0100-413002 Surplus Sales	0.00	0.00	10.00	10.00	-10.00
100-0100-413003 Miscellaneous Revenue	0.00	0.00	483.00	4,292.07	-4,292.07
100-0100-413004 Customer Charges for Damages	0.00	0.00	213.84	1,550.88	-1,550.88
100-0100-414000 Development Review Fees	2,880.00	2,880.00	60.00	60.00	2,820.00
100-0100-414001 Backflow Fees	500.00	500.00	0.00	0.00	500.00
Department: 0100 - Operating Revenue Total:	9,410,812.00	9,410,812.00	825,117.25	1,869,612.33	7,541,199.67
Function: 0100 - Operating Revenue Total:	9,410,812.00	9,410,812.00	825,117.25	1,869,612.33	7,541,199.67
Function: 9000 - Non-Operating Revenue					
Department: 9000 - Non-Operating Revenue					
100-9000-612000 Interest Income	137,792.00	137,792.00	16,006.71	47,593.65	90,198.35
Department: 9000 - Non-Operating Revenue Total:	137,792.00	137,792.00	16,006.71	47,593.65	90,198.35
Function: 9000 - Non-Operating Revenue Total:	137,792.00	137,792.00	16,006.71	47,593.65	90,198.35
Function: 9700 - Contributed Capital					
Department: 9700 - Contributed Capital					
100-9700-611000 Federal Contributed Capital	0.00	0.00	31,055.40	81,165.00	-81,165.00
Department: 9700 - Contributed Capital Total:	0.00	0.00	31,055.40	81,165.00	-81,165.00
Function: 9700 - Contributed Capital Total:	0.00	0.00	31,055.40	81,165.00	-81,165.00
Revenue Total:	9,548,604.00	9,548,604.00	872,179.36	1,998,370.98	
Expense					
Function: 1000 - Operating Expenses					
Department: 1000 - Administration					
100-1000-511000 Regular Salaries and Wages	759,500.00	759,500.00	56,111.07	165,415.38	594,084.62
100-1000-511001 Part-Time Salaries	15,725.00	15,725.00	0.00	0.00	15,725.00
100-1000-511002 Overtime	2,665.00	2,665.00	158.45	805.27	1,859.73
100-1000-511008 Sick Pay	32,663.00	32,663.00	3,008.17	7,987.72	24,675.28
100-1000-512000 FICA	47,469.00	47,469.00	3,565.03	10,530.97	36,938.03
100-1000-512001 Medicare	10,633.00	10,633.00	833.75	2,462.91	8,170.09
100-1000-512002 SC Retirement	209,318.00	209,318.00	16,336.90	48,011.71	161,306.29
100-1000-512004 Group Health Insurance	151,958.00	151,958.00	11,181.24	27,394.10	124,563.90
100-1000-521000 Accounting and Audit Services	28,900.00	28,900.00	0.00	2,500.00	26,400.00
100-1000-521001 Legal Services	37,000.00	37,000.00	0.00	316.00	36,684.00
100-1000-521005 Other Contractual Services	142,546.00	142,546.00	7,479.65	31,030.47	111,515.53
100-1000-522002 Vehicle Repairs and Maintenance	2,300.00	2,300.00	112.78	112.78	2,187.22
100-1000-524000 Telephone and Communications	9,320.00	9,320.00	716.38	2,238.28	7,081.72
100-1000-524001 Advertising and Promotion	11,300.00	11,300.00	116.28	932.56	10,367.44
100-1000-524003 Bank and fiscal agent fees	162,171.00	162,171.00	6,210.33	17,693.79	144,477.21
100-1000-524004 Postage and Delivery Fees	4,000.00	4,000.00	0.00	500.00	3,500.00
100-1000-526000 Uniform Rental	2,400.00	2,400.00	1,727.55	1,803.19	596.81
100-1000-531000 Office Supplies	5,460.00	5,460.00	45.01	703.80	4,756.20
100-1000-531008 Fuel	3,300.00	3,300.00	190.77	372.90	2,927.10

Statement of Revenue and Expense

For Fiscal: 2023 - 2024 Period Ending: 09/30/2023

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
100-1000-550000	Professional Memberships and License Fees	34,218.00	34,218.00	426.00	3,306.91	30,911.09
100-1000-550001	Educational Seminars and Classes	12,133.00	12,133.00	2,566.10	3,909.14	8,223.86
100-1000-550002	Mileage Reimbursements	1,000.00	1,000.00	0.00	0.00	1,000.00
100-1000-560001	Collections Over/Short	640.00	640.00	16.00	19.00	621.00
100-1000-560006	Contingency Account	30,000.00	30,000.00	2,512.85	4,238.46	25,761.54
100-1000-560007	Community Support	6,445.00	6,445.00	0.00	4,281.62	2,163.38
Department: 1000 - Administration Total:		1,723,064.00	1,723,064.00	113,314.31	336,566.96	1,386,497.04
Department: 1001 - Human Resources						
100-1001-511000	Regular Salaries and Wages	84,431.00	84,431.00	5,699.61	17,639.55	66,791.45
100-1001-511008	Sick Pay	4,571.00	4,571.00	535.86	755.08	3,815.92
100-1001-512000	FICA	5,277.00	5,277.00	377.26	1,117.59	4,159.41
100-1001-512001	Medicare	1,183.00	1,183.00	88.22	261.35	921.65
100-1001-512002	SC Retirement	23,270.00	23,270.00	1,718.50	5,069.57	18,200.43
100-1001-512004	Group Health Insurance	18,652.00	18,652.00	1,302.34	3,190.74	15,461.26
100-1001-512006	Workmens Comp Ins.	49,000.00	49,000.00	0.00	32,692.30	16,307.70
100-1001-521001	Legal Services	4,600.00	4,600.00	0.00	0.00	4,600.00
100-1001-524001	Advertising and Promotion	1,000.00	1,000.00	0.00	0.00	1,000.00
100-1001-524006	Employee Screening & Testing	3,200.00	3,200.00	237.50	470.70	2,729.30
100-1001-531000	Office Supplies	600.00	600.00	0.00	0.00	600.00
100-1001-550000	Professional Memberships and License Fees	445.00	445.00	0.00	45.00	400.00
100-1001-550001	Educational Seminars and Classes	2,920.00	2,920.00	200.00	325.00	2,595.00
Department: 1001 - Human Resources Total:		199,149.00	199,149.00	10,159.29	61,566.88	137,582.12
Department: 1002 - Information Services						
100-1002-511000	Regular Salaries and Wages	148,252.00	148,252.00	11,127.00	31,808.28	116,443.72
100-1002-511002	Overtime	447.00	447.00	0.00	0.00	447.00
100-1002-511008	Sick Pay	5,872.00	5,872.00	557.54	1,284.57	4,587.43
100-1002-512000	FICA	9,266.00	9,266.00	696.92	1,984.33	7,281.67
100-1002-512001	Medicare	2,076.00	2,076.00	163.00	464.11	1,611.89
100-1002-512002	SC Retirement	40,859.00	40,859.00	3,220.26	9,120.42	31,738.58
100-1002-512004	Group Health Insurance	11,344.00	11,344.00	2,065.16	5,059.65	6,284.35
100-1002-521002	IT Contracts and Services	369,700.00	369,700.00	5,927.33	154,972.20	214,727.80
100-1002-524000	Telephone and Communications	3,018.00	3,018.00	311.48	934.44	2,083.56
100-1002-526000	Uniform Rental	1,196.00	1,196.00	53.65	120.72	1,075.28
100-1002-532000	Small Tools and Equipment	750.00	750.00	167.26	390.18	359.82
100-1002-532003	Computer Hardware and Software	15,000.00	15,000.00	0.00	659.80	14,340.20
100-1002-550000	Professional Memberships and License Fees	270.00	270.00	0.00	0.00	270.00
100-1002-550001	Educational Seminars and Classes	3,840.00	3,840.00	0.00	1,291.16	2,548.84
100-1002-550002	Mileage Reimbursements	500.00	500.00	268.81	268.81	231.19
Department: 1002 - Information Services Total:		612,390.00	612,390.00	24,558.41	208,358.67	404,031.33
Department: 1010 - Board of Commissioners						
100-1010-511009	Board of Commissioners Pay	9,750.00	9,750.00	350.00	1,150.00	8,600.00
100-1010-512000	FICA	316.00	316.00	21.70	71.30	244.70
100-1010-512001	Medicare	75.00	75.00	5.11	16.79	58.21
100-1010-512002	SC Retirement	638.00	638.00	27.56	82.68	555.32
100-1010-524000	Telephone and Communications	6,600.00	6,600.00	440.44	1,321.32	5,278.68
100-1010-531000	Office Supplies	1,547.00	1,547.00	0.00	0.00	1,547.00
100-1010-550001	Educational Seminars and Classes	9,750.00	9,750.00	0.00	0.00	9,750.00
100-1010-550002	Mileage Reimbursements	1,500.00	1,500.00	72.06	199.14	1,300.86
100-1010-560004	Board Meeting Expense	3,600.00	3,600.00	0.00	0.00	3,600.00
Department: 1010 - Board of Commissioners Total:		33,776.00	33,776.00	916.87	2,841.23	30,934.77
Department: 1998 - District-Wide Employee Support, Promotion & Reten						
100-1998-550004	In-House Training and Development	34,750.00	34,750.00	35.72	1,195.72	33,554.28
100-1998-551000	Employee Appreciation	18,175.00	18,175.00	889.38	1,981.64	16,193.36
100-1998-551001	Tuition Assistance	14,424.00	14,424.00	3,289.60	3,289.60	11,134.40
100-1998-551002	Crisis Fund	2,000.00	2,000.00	0.00	1,000.00	1,000.00
100-1998-551004	Employee Assistance	0.00	0.00	192.59	787.00	-787.00
Department: 1998 - District-Wide Employee Support, Promotion & Reten..		69,349.00	69,349.00	4,407.29	8,253.96	61,095.04

Statement of Revenue and Expense

For Fiscal: 2023 - 2024 Period Ending: 09/30/2023

	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Department: 1999 - Operational Non-Departmental					
100-1999-512005 Retiree Health Insurance	102,000.00	102,000.00	6,842.92	20,528.76	81,471.24
100-1999-512008 Flex Spending Admin Fee Expense	335.00	335.00	27.84	68.88	266.12
100-1999-512009 PEBA Admin Fee Expense	1,726.00	1,726.00	151.50	371.85	1,354.15
100-1999-521005 Other Contractual Services	38,040.00	38,040.00	3,889.02	7,612.25	30,427.75
100-1999-523000 Electricity	32,400.00	32,400.00	3,300.92	6,813.07	25,586.93
100-1999-523001 Natural Gas	4,800.00	4,800.00	90.83	329.98	4,470.02
100-1999-523002 Water and Sewer	7,200.00	7,200.00	470.88	1,173.43	6,026.57
100-1999-524000 Telephone and Communications	51,180.00	51,180.00	3,747.50	11,261.22	39,918.78
100-1999-524002 General Property & Liability Insurance	85,000.00	85,000.00	5,371.00	20,466.82	64,533.18
100-1999-531001 Janitorial and General Supplies	5,000.00	5,000.00	142.53	634.87	4,365.13
100-1999-532002 Office Furniture and Equipment	2,500.00	2,500.00	0.00	0.00	2,500.00
100-1999-560000 Bad Debt Expense	0.00	0.00	323.45	1,019.47	-1,019.47
100-1999-710004 Capital Asset Replacement	562,000.00	562,000.00	0.00	0.00	562,000.00
100-1999-720000 Transfers Out	0.00	0.00	46,833.33	140,499.99	-140,499.99
Department: 1999 - Operational Non-Departmental Total:	892,181.00	892,181.00	71,191.72	210,780.59	681,400.41
Department: 2000 - Engineering					
100-2000-511000 Regular Salaries and Wages	268,201.00	268,201.00	19,851.95	61,000.42	207,200.58
100-2000-511002 Overtime	6,911.00	6,911.00	0.00	142.59	6,768.41
100-2000-511008 Sick Pay	7,560.00	7,560.00	1,633.07	2,439.03	5,120.97
100-2000-512000 FICA	16,763.00	16,763.00	1,294.03	3,848.88	12,914.12
100-2000-512001 Medicare	3,755.00	3,755.00	302.63	900.12	2,854.88
100-2000-512002 SC Retirement	73,917.00	73,917.00	5,921.30	17,523.28	56,393.72
100-2000-512004 Group Health Insurance	44,480.00	44,480.00	3,122.14	7,649.26	36,830.74
100-2000-521005 Other Contractual Services	10,685.00	10,685.00	440.00	2,698.04	7,986.96
100-2000-522002 Vehicle Repairs and Maintenance	4,300.00	4,300.00	368.80	2,557.63	1,742.37
100-2000-524000 Telephone and Communications	2,931.00	2,931.00	223.56	695.71	2,235.29
100-2000-526000 Uniform Rental	2,664.00	2,664.00	110.89	249.51	2,414.49
100-2000-531000 Office Supplies	2,400.00	2,400.00	67.67	107.72	2,292.28
100-2000-531003 Safety Gear and Supplies	1,950.00	1,950.00	707.92	707.92	1,242.08
100-2000-531008 Fuel	6,840.00	6,840.00	936.43	1,541.34	5,298.66
100-2000-532000 Small Tools and Equipment	1,500.00	1,500.00	27.37	57.92	1,442.08
100-2000-550000 Professional Memberships and License Fees	2,450.00	2,450.00	0.00	90.00	2,360.00
100-2000-550001 Educational Seminars and Classes	14,700.00	14,700.00	587.03	712.03	13,987.97
100-2000-560010 Miscellaneous	1,000.00	1,000.00	39.61	216.41	783.59
100-2000-560090 Water Efficiency Rebate Program	2,000.00	2,000.00	224.00	323.00	1,677.00
100-2000-951004 Vehicles	11,000.00	11,000.00	-124.00	46,721.50	-35,721.50
Department: 2000 - Engineering Total:	486,007.00	486,007.00	35,734.40	150,182.31	335,824.69
Department: 3000 - Distribution (Maintenance)					
100-3000-511000 Regular Salaries and Wages	714,280.00	714,280.00	55,322.15	159,992.46	554,287.54
100-3000-511002 Overtime	49,619.00	49,619.00	6,902.00	16,701.41	32,917.59
100-3000-511008 Sick Pay	29,575.00	29,575.00	2,931.35	10,954.57	18,620.43
100-3000-512000 FICA	44,643.00	44,643.00	3,978.08	11,481.93	33,161.07
100-3000-512001 Medicare	10,000.00	10,000.00	930.36	2,685.32	7,314.68
100-3000-512002 SC Retirement	196,856.00	196,856.00	17,956.88	51,715.94	145,140.06
100-3000-512004 Group Health Insurance	160,395.00	160,395.00	11,074.41	27,507.52	132,887.48
100-3000-521005 Other Contractual Services	39,852.00	39,852.00	6,453.21	7,450.97	32,401.03
100-3000-522000 Building and Grounds Repairs and Mainten...	62,100.00	62,100.00	2,025.57	17,628.44	44,471.56
100-3000-522001 Equipment and Machinery Repairs and Mai...	30,000.00	30,000.00	976.45	5,480.04	24,519.96
100-3000-522002 Vehicle Repairs and Maintenance	47,760.00	47,760.00	10,546.53	22,446.58	25,313.42
100-3000-524000 Telephone and Communications	14,368.00	14,368.00	1,083.83	3,328.07	11,039.93
100-3000-525000 Hauling and tipping fees	4,000.00	4,000.00	0.00	0.00	4,000.00
100-3000-526000 Uniform Rental	19,084.00	19,084.00	1,233.27	4,111.60	14,972.40
100-3000-526001 Equipment Rental	17,460.00	17,460.00	1,690.31	3,027.12	14,432.88
100-3000-531002 Shop Supplies and Materials	23,000.00	23,000.00	565.83	5,660.92	17,339.08
100-3000-531003 Safety Gear and Supplies	7,075.00	7,075.00	1,982.66	2,220.71	4,854.29
100-3000-531004 Patching and Paving Materials	32,370.00	32,370.00	5,732.75	6,051.61	26,318.39
100-3000-531008 Fuel	52,800.00	52,800.00	6,837.54	11,197.15	41,602.85
100-3000-531010 Inventory Parts and Supplies	200,000.00	200,000.00	10,718.28	37,143.80	162,856.20

Statement of Revenue and Expense

For Fiscal: 2023 - 2024 Period Ending: 09/30/2023

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
100-3000-531011	Inventory Shrink/Overage	0.00	0.00	0.00	1,240.79	-1,240.79
100-3000-532000	Small Tools and Equipment	17,500.00	17,500.00	1,659.11	6,020.13	11,479.87
100-3000-541002	Licenses and Permits	150.00	150.00	0.00	0.00	150.00
100-3000-550000	Professional Memberships and License Fees	10,760.00	10,760.00	321.00	1,155.13	9,604.87
100-3000-550001	Educational Seminars and Classes	4,200.00	4,200.00	735.00	735.00	3,465.00
100-3000-560010	Miscellaneous	1,000.00	1,000.00	72.21	160.96	839.04
100-3000-951001	Buildings	4,500.00	4,500.00	0.00	4,453.26	46.74
100-3000-951003	Equipment	14,000.00	14,000.00	0.00	67,512.26	-53,512.26
100-3000-951004	Vehicles	29,200.00	29,200.00	62,617.91	102,249.91	-73,049.91
Department: 3000 - Distribution (Maintenance) Total:		1,836,547.00	1,836,547.00	214,346.69	590,313.60	1,246,233.40
Department: 4000 - Meter						
100-4000-511000	Regular Salaries and Wages	171,121.00	171,121.00	12,948.70	38,138.48	132,982.52
100-4000-511002	Overtime	6,347.00	6,347.00	872.95	2,201.24	4,145.76
100-4000-511008	Sick Pay	3,103.00	3,103.00	619.30	792.57	2,310.43
100-4000-512000	FICA	10,696.00	10,696.00	890.19	2,537.60	8,158.40
100-4000-512001	Medicare	2,396.00	2,396.00	208.18	593.47	1,802.53
100-4000-512002	SC Retirement	47,161.00	47,161.00	3,979.93	11,336.09	35,824.91
100-4000-512004	Group Health Insurance	28,704.00	28,704.00	2,069.84	5,071.12	23,632.88
100-4000-521004	Maintenance Contracts	61,000.00	61,000.00	0.00	0.00	61,000.00
100-4000-522001	Equipment and Machinery Repairs and Mai...	1,500.00	1,500.00	0.00	486.24	1,013.76
100-4000-522002	Vehicle Repairs and Maintenance	8,800.00	8,800.00	-3,349.19	-622.41	9,422.41
100-4000-524000	Telephone and Communications	8,228.00	8,228.00	473.13	1,466.60	6,761.40
100-4000-526000	Uniform Rental	4,220.00	4,220.00	750.57	915.11	3,304.89
100-4000-531002	Shop Supplies and Materials	5,500.00	5,500.00	0.00	121.91	5,378.09
100-4000-531005	Meters Supplies and Appurtenences	120,900.00	120,900.00	0.00	0.00	120,900.00
100-4000-531008	Fuel	15,300.00	15,300.00	2,530.14	4,115.72	11,184.28
100-4000-531010	Inventory Parts & Supplies	219,290.00	219,290.00	28,566.05	61,743.72	157,546.28
100-4000-532000	Small Tools and Equipment	5,500.00	5,500.00	0.00	281.31	5,218.69
100-4000-550000	Professional Memberships and License Fees	320.00	320.00	0.00	0.00	320.00
100-4000-550001	Educational Seminars and Classes	7,020.00	7,020.00	0.00	125.00	6,895.00
100-4000-560010	Miscellaneous	750.00	750.00	0.00	118.96	631.04
100-4000-951004	Vehicles	7,500.00	7,500.00	26,537.00	26,537.00	-19,037.00
Department: 4000 - Meter Total:		735,356.00	735,356.00	77,096.79	155,959.73	579,396.27
Department: 5000 - Filter Plant						
100-5000-511000	Regular Salaries and Wages	789,961.00	789,961.00	65,262.68	169,463.37	620,497.63
100-5000-511002	Overtime	34,152.00	34,152.00	1,683.83	5,530.45	28,621.55
100-5000-511008	Sick Pay	31,368.00	31,368.00	1,959.69	15,984.76	15,383.24
100-5000-512000	FICA	49,373.00	49,373.00	4,193.56	11,657.31	37,715.69
100-5000-512001	Medicare	11,060.00	11,060.00	980.74	2,726.35	8,333.65
100-5000-512002	SC Retirement	217,714.00	217,714.00	18,990.51	52,633.62	165,080.38
100-5000-512004	Group Health Insurance	131,000.00	131,000.00	9,734.18	22,801.57	108,198.43
100-5000-521003	Engineering Contracts and Services	20,000.00	20,000.00	0.00	0.00	20,000.00
100-5000-521004	Maintenance Contracts	57,405.00	57,405.00	164.00	3,453.21	53,951.79
100-5000-521005	Other Contractual Services	1,572.00	1,572.00	151.92	418.91	1,153.09
100-5000-522000	Building and Grounds Repairs and Mainten...	17,740.00	17,740.00	1,140.00	2,580.00	15,160.00
100-5000-522001	Equipment and Machinery Repairs and Mai...	2,500.00	2,500.00	0.00	0.00	2,500.00
100-5000-522002	Vehicle Repairs and Maintenance	4,000.00	4,000.00	523.12	703.45	3,296.55
100-5000-522004	Water Filtration System Repairs and Maint...	144,700.00	144,700.00	4,992.19	11,520.72	133,179.28
100-5000-523000	Electricity	186,840.00	186,840.00	21,749.31	57,152.24	129,687.76
100-5000-523001	Natural Gas	10,320.00	10,320.00	50.30	97.80	10,222.20
100-5000-524000	Telephone and Communications	15,850.00	15,850.00	1,219.33	3,684.49	12,165.51
100-5000-524004	Postage and Delivery Fees	650.00	650.00	11.45	11.45	638.55
100-5000-525000	Hauling and tipping fees	37,400.00	37,400.00	1,628.00	6,062.00	31,338.00
100-5000-526000	Uniform Rental	10,818.00	10,818.00	619.11	3,460.25	7,357.75
100-5000-526002	Other Rentals	2,270.00	2,270.00	203.08	403.08	1,866.92
100-5000-531000	Office Supplies	1,500.00	1,500.00	134.97	501.14	998.86
100-5000-531001	Janitorial and General Supplies	3,400.00	3,400.00	222.16	448.42	2,951.58
100-5000-531003	Safety Gear and Supplies	1,000.00	1,000.00	0.00	0.00	1,000.00
100-5000-531006	Laboratory Supplies and Materials	62,400.00	62,400.00	1,157.18	7,602.76	54,797.24

Statement of Revenue and Expense

For Fiscal: 2023 - 2024 Period Ending: 09/30/2023

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
100-5000-531007	Chemicals	417,050.00	417,050.00	34,655.22	135,596.63	281,453.37
100-5000-531008	Fuel	9,200.00	9,200.00	434.30	2,945.67	6,254.33
100-5000-532003	Computer Hardware and Software	1,750.00	1,750.00	0.00	0.00	1,750.00
100-5000-541000	Testing	10,660.00	10,660.00	250.00	577.40	10,082.60
100-5000-541002	Licenses, Permits & Fees	22,630.00	22,630.00	100.00	22,062.00	568.00
100-5000-550000	Professional Memberships and License Fees	2,395.00	2,395.00	45.00	45.00	2,350.00
100-5000-550001	Educational Seminars and Classes	17,970.00	17,970.00	714.00	1,489.00	16,481.00
100-5000-560010	Miscellaneous	2,500.00	2,500.00	499.76	1,058.51	1,441.49
100-5000-951004	Vehicles	3,500.00	3,500.00	0.00	14,000.00	-10,500.00
Department: 5000 - Filter Plant Total:		2,332,648.00	2,332,648.00	173,469.59	556,671.56	1,775,976.44
Function: 1000 - Operating Expenses Total:		8,920,467.00	8,920,467.00	725,195.36	2,281,495.49	6,638,971.51
Function: 9500 - Non-Operating Expense						
Department: 9500 - Non-Operating Expense						
100-9500-710001	Debt Service Interest Expense	576,525.00	576,525.00	11,377.08	34,131.24	542,393.76
100-9500-710002	Capital Lease Interest Expense	51,612.00	51,612.00	67.90	219.19	51,392.81
Department: 9500 - Non-Operating Expense Total:		628,137.00	628,137.00	11,444.98	34,350.43	593,786.57
Function: 9500 - Non-Operating Expense Total:		628,137.00	628,137.00	11,444.98	34,350.43	593,786.57
Expense Total:		9,548,604.00	9,548,604.00	736,640.34	2,315,845.92	
Total Surplus (Deficit):		0.00	0.00	135,539.02	-317,474.94	

Statement of Revenue and Expense

For Fiscal: 2023 - 2024 Period Ending: 09/30/2023

Group Summary

Department	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Revenue					
Function: 0100 - Operating Revenue					
0100 - Operating Revenue	9,410,812.00	9,410,812.00	825,117.25	1,869,612.33	7,541,199.67
Function: 0100 - Operating Revenue Total:	9,410,812.00	9,410,812.00	825,117.25	1,869,612.33	7,541,199.67
Function: 9000 - Non-Operating Revenue					
9000 - Non-Operating Revenue	137,792.00	137,792.00	16,006.71	47,593.65	90,198.35
Function: 9000 - Non-Operating Revenue Total:	137,792.00	137,792.00	16,006.71	47,593.65	90,198.35
Function: 9700 - Contributed Capital					
9700 - Contributed Capital	0.00	0.00	31,055.40	81,165.00	-81,165.00
Function: 9700 - Contributed Capital Total:	0.00	0.00	31,055.40	81,165.00	-81,165.00
Revenue Total:	9,548,604.00	9,548,604.00	872,179.36	1,998,370.98	7,550,233.02
Expense					
Function: 1000 - Operating Expenses					
1000 - Administration	1,723,064.00	1,723,064.00	113,314.31	336,566.96	1,386,497.04
1001 - Human Resources	199,149.00	199,149.00	10,159.29	61,566.88	137,582.12
1002 - Information Services	612,390.00	612,390.00	24,558.41	208,358.67	404,031.33
1010 - Board of Commissioners	33,776.00	33,776.00	916.87	2,841.23	30,934.77
1998 - District-Wide Employee Support, Promotion & Retent	69,349.00	69,349.00	4,407.29	8,253.96	61,095.04
1999 - Operational Non-Departmental	892,181.00	892,181.00	71,191.72	210,780.59	681,400.41
2000 - Engineering	486,007.00	486,007.00	35,734.40	150,182.31	335,824.69
3000 - Distribution (Maintenance)	1,836,547.00	1,836,547.00	214,346.69	590,313.60	1,246,233.40
4000 - Meter	735,356.00	735,356.00	77,096.79	155,959.73	579,396.27
5000 - Filter Plant	2,332,648.00	2,332,648.00	173,469.59	556,671.56	1,775,976.44
Function: 1000 - Operating Expenses Total:	8,920,467.00	8,920,467.00	725,195.36	2,281,495.49	6,638,971.51
Function: 9500 - Non-Operating Expense					
9500 - Non-Operating Expense	628,137.00	628,137.00	11,444.98	34,350.43	593,786.57
Function: 9500 - Non-Operating Expense Total:	628,137.00	628,137.00	11,444.98	34,350.43	593,786.57
Expense Total:	9,548,604.00	9,548,604.00	736,640.34	2,315,845.92	7,232,758.08
Total Surplus (Deficit):	0.00	0.00	135,539.02	-317,474.94	

Statement of Revenue and Expense

For Fiscal: 2023 - 2024 Period Ending: 09/30/2023

Fund Summary

Fund	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
100 - Operations Fund	0.00	0.00	135,539.02	-317,474.94	317,474.94
Total Surplus (Deficit):	0.00	0.00	135,539.02	-317,474.94	