



900 Magazine Rd.
Petersburg, VA 23803
Office: (804) 861-0111
Fax: (804) 861-3254

SOUTH CENTRAL WASTEWATER AUTHORITY Board of Directors Meeting

DATE: January 18, 2024

TIME: 2:00 pm

LOCATION: **Appomattox River Water Authority**
Board Room, Administration Building
21300 Chesdin Road
S. Chesterfield, VA 23803

AGENDA

1. Call to Order/Roll Call
2. Approval of Minutes: Minutes of the Board Meeting held on November 16, 2023 (Exhibit A, Pages 2 to 4)
3. Public Comment (Exhibit B, Page 5)
4. Executive Director's Report:
 - Proposed FY24/25 Budget (Exhibit C, Page 6 to 31)
 - Nutrient Reduction Project Update (Exhibit D, Page 32 to 37)
 - Status Report (Exhibit E, Pages 38 to 39)
 - Financials (Exhibit F, Pages 40 to 42)
5. Items from Counsel
6. Closed Meeting
7. Other items from Board Members/Staff Not on Agenda
8. Adjourn

BOARD OF DIRECTORS MEETING
South Central Wastewater Authority
November 16th, 2023, at 2:00 p.m.
Location: South Central Wastewater Authority
900 Magazine Rd. Petersburg VA 23803

MEMBERS PRESENT:

Doug Smith, Chairman (Colonial Heights)
Kevin Massengill, Vice-Chairman (Dinwiddie)
Joseph Casey, (Chesterfield)
Jeff Stoke, (Prince George)

ALTERNATES PRESENT:

Frank Haltom, Secretary/Treasurer (Alternate, Prince George)
Eddie Pearson, (Alternate, Dinwiddie)
Matt Rembold, (Alternate, Chesterfield)
Jerry Byerly, (Alternate, Petersburg)

ABSENT:

March Altman, (Petersburg)
George Hayes, (Alternate, Chesterfield)
Todd Flippen, (Alternate, Colonial Heights)

STAFF PRESENT:

Robert B. Wilson, Executive Director, (ARWA & SCWWA)
James C. Gordon, Asst. Executive Director (ARWA & SCWWA)
Arthur Anderson, (McGuireWoods)
Melissa Wilkins, Business Manager/FOIA (ARWA & SCWWA)
Tiffanee Rondini, Administrative Assistant (ARWA & SCWWA)

OTHERS PRESENT:

James Gill, (Robinson, Farmer, Cox Associates)
Keith Boswell, (VA Gateway)

The SCWWA meeting was called to order by Mr. Smith, Chairman, at 2:42 p.m.

1. Call to Order/Roll Call

The roll was called:

Participating members at the table were:

Doug Smith	Present
Kevin Massengill	Present
Joseph Casey	Present
Frank Haltom	Present
Jerry Byerly	Present

2. Approval of Minutes: Minutes of the Regular Meeting of the Board on September 21, 2023

Upon a motion made by Mr. Massengill and seconded by Mr. Haltom the following resolution was adopted:

RESOLVED, that the Minutes of the Regular Meeting of the Board on September 21, 2023, are hereby approved:

For: 5 Against: 0 Abstain: 0

3. Public Comment

There were no public comments.

4. Executive Director's Report:

• **Annual Audit Presentation**

Mr. Gordon introduced Mr. Gill of Robinson, Farmer, Cox Associates who provided a presentation on SCWWA's Annual Financial Accounting Audit. He stated SCWWA received a clean compliance report. Mr. Gill reported that in summary there were no findings during the FY23 annual audit. Staff recommended the Board accept the FY23 Audited Financial Statements as presented.

Mr. Smith thanked Staff for assisting and working with the auditors to get everything together and appreciates all the effort and said great job for both authorities. Mr. Smith asked if there were any questions. Dr. Casey commented on the nutrient credits and the extension of the nutrient purchases. One being with Chesterfield until July 2024, but it is also mentioned that SCWWA will need to purchase additional nutrient credits until the plant upgrade occurs. Dr. Casey stated he is not trying to change the report but unless the plant upgrade is going to occur July of 2024 there would be a void or

gap that we need to document in the footnotes or the Executive summary reports that are written by the Authority. Dr. Casey further stated that from an archival perspective reading the current report could be perceived that unless there is a plant upgrade by 2024 that this Authority could face a compliance issue. Mr. Wilson responded to Dr. Casey's concerns by explaining that we are still working with DEQ and WQIF to determine the funding so we can properly state that in the report. To date, those conversations are still ongoing. Mr. Wilson went on to state as soon as we get clear direction from DEQ we will provide that information to the Board.

Mr. Smith stated if there were no other questions or comments that we move forward with a motion to accept the Audit Report.

Upon a motion made by Mr. Byerly and seconded by Mr. Haltom the following resolution was adopted:

RESOLVED, that the Board accepts the findings of the FY23 Audit as presented by Robinson, Farmer, and Cox Associates:

For: 5 Against: 0 Abstain: 0

Vote: Roll Call

Participating members at the table were:

Doug Smith	Aye
Kevin Massengill	Aye
Joseph Casey	Aye
Jerry Byerly	Aye
Frank Haltom	Aye

Absent During Vote: None

Mr. Gordon presented the True-Up proposal for FY23 to the Board based on the terms outlined in the Service Agreement. Mr. Gordon presented summary of usage percentages and the budget adjustment illustrated in Attachments C1 and C2 of the Board Package. Mr. Gordon stated that those localities that receive a refund would need to specify how they would prefer their refund to be received. He further stated that if the report is accepted, that would allow Staff to transfer \$2.5 million to the capital reserve LGIP account for the nutrient reduction project. Mr. Smith asked if there were any questions on the True Up for Mr. Gordon there were no questions and Mr. Smith asked for a motion to approve the True Up as presented by Staff.

Upon a motion made by Mr. Massengill and seconded by Mr. Haltom the following resolution was adopted:

RESOLVED, that the Board approves the implementation of the True Up as proposed by Staff in the terms of use of surplus funds and distribution back to the members:

For: 5 Against: 0 Abstain: 0

Vote: Roll Call

Participating members at the table were:

Doug Smith	Aye
Kevin Massengill	Aye
Joseph Casey	Aye
Jerry Byerly	Aye
Frank Haltom	Aye

Absent during vote: None

- **Nutrient Reduction Project Update**

Mr. Gordon stated that several tasks have been completed since the last Board meeting on September 21st, 2023, one of them being the contract with MEB for Phase 1 of the NRP which is installing new solids handling equipment was executed. The pre-construction meeting was held with MEB November 9th, 2023.

Mr. Gordon thanked the city of Petersburg for posting the road and thanked the city of Colonial Heights Police Department for traffic assistance on the Boulevard when the solids' handling equipment was delivered.

Staff and counsel met with DEQ/WQIF funding staff on October 5th, 2023, to discuss the spending of the ARPA and WQIF funds. It is still currently being discussed how to optimize the spending of the ARPA and WQIF funds. On November 8th, 2023, Staff also had a meeting with DEQ CWF staff and the city of Petersburg to discuss the NRP funding. Petersburg was trying to determine the easiest path for getting the funding from them to the Authority. Task order #4 for design service to relocate the RAS pump station #2 has been executed. Moving this pump station will save money by reducing the large diameter piping needed. Mr. Smith said, “good work” and thanked Mr. Gordon for moving the project forward.

- **Calendar Year 2024 Meeting Schedule**

Mr. Gordon asked for approval for the proposed Board Meeting schedule for calendar year 2024.

Upon a motion made by Mr. Haltom and seconded by Mr. Byerly the following resolution was adopted:

RESOLVED, that the Board approves the proposed meeting schedule for regular scheduled meetings for calendar year 2024 as presented by Staff:

For: 5 Against: 0 Abstain: 0

- **Status Report**

Mr. Gordon reviewed the Status Report included in the Board Package with members.

- **Financials**

Ms. Wilkins reported that financials are currently on track with budgeting.

5. Items from Counsel

There were no items from Counsel.

6. Closed Session

There was no closed session.

7. Other Items from Board Members/Staff Not on Agenda

There were no other items from Board Members/Staff not on the agenda.

8. Adjourn

Mr. Smith wished everyone and their families a Happy Thanksgiving, Merry Christmas, Happy New Year, and Happy Holiday Season and if there was no other business asked for a motion to adjourn.

Upon a motion by Mr. Byerly and seconded by Mr. Massengill the meeting was adjourned at 3:02 p.m.

MINUTES APPROVED BY:

Frank Haltom/Secretary/Treasurer



APPOMATTOX RIVER WATER AUTHORITY
21300 Chesdin Road
Petersburg, VA 23803



SOUTH CENTRAL WASTEWATER AUTHORITY
900 Magazine Road
Petersburg, VA 23803

GUIDELINES FOR PUBLIC COMMENT AT SCWWA/ARWA BOARD OF DIRECTORS MEETINGS

If you wish to address the SCWWA/ARWA Board of Directors during the time allocated for public comment, please raise your hand or stand when the Chairman asks for public comments.

Members of the public requesting to speak will be recognized during the specific time designated on the meeting agenda for "Public Comment Period." Each person will be allowed to speak for up to three minutes.

When two or more individuals are present from the same group, it is recommended that the group designate a spokesperson to present its comments to the Board and the designated speaker can ask other members of the group to be recognized by raising their hand or standing. Each spokesperson for a group will be allowed to speak for up to five minutes.

During the Public Comment Period, the Board will attempt to hear all members of the public who wish to speak on a subject, but it must be recognized that on rare occasion presentations may have to be limited because of time constraints. If a previous speaker has articulated your position, it is recommended that you not fully repeat the comments and instead advise the Board of your agreement. The time allocated for speakers at public hearings are the same as for regular Board meeting, although the Board can allow exceptions at its discretion.

Speakers should keep in mind that Board of Directors meetings are formal proceedings and all comments are recorded on tape. For that reason, speakers are requested to speak from the podium and wait to be recognized by the Chairman. In order to give all speakers proper respect and courtesy, the Board requests that speakers follow the following guidelines:

- Wait at your seat until recognized by the Chairman;
- Come forward and state your full name and address. If speaking for a group, state your organizational affiliation;
- Address your comments to the Board as a whole;
- State your position clearly and succinctly and give facts and data to support your position;
- Summarize your key points and provide the Board with a written statement or supporting rationale, when possible;
- If you represent a group, you may ask others at the meeting to be recognized by raising their hand or standing;
- Be respectful and civil in all interactions at Board meetings;
- The Board may ask speakers questions or seek clarification, but recognize that Board meetings are not a forum for public debate; Board Members will not recognize comments made from the audience and ask that members of the audience not interrupt the comments of speakers and remain silent while others are speaking so that other members in the audience can hear the speaker;
- The Board will have the opportunity to address public comments after the Public Comment Period has been closed;
- At the request of the Chairman, the Executive Director may address public comments after the session has been closed as well; and
- As appropriate, staff will research questions by the public and respond through a report back to the Board at the next regular meeting of the full Board. It is suggested that citizens who have questions for the Board or staff submit those questions in advance of the meeting to permit the opportunity for some research before the meeting.



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Exhibit C

TO: South Central Wastewater Authority Board of Directors

FROM: Robert B. Wilson, Executive Director
James C. Gordon, Assistant Executive Director

DATE: January 18, 2024

SUBJECT: Proposed FY24/25 Budget

On December 6, 2023, we distributed, via email, the proposed FY24/25 budget narrative to the utility directors and financial representatives. On December 14, 2023, staff presented the proposed budget to the utility directors in a meeting held at ARWA in the board room.

The original budget narrative and the revisions from the meeting (highlighted in blue) are included as Attachment C1.

Staff will present the highlights from the Budget Narrative at the meeting. There are two items staff requests further direction:

1. The proposed salary adjustment is 4.0%. We calculated the proposed salary adjustment by taking the average of the September 2023 Employee Cost Index (ECI) for local government and state workers, 4.8%, and the October 2023 Consumer Price Index (CPI), 3.2%. The reason we took the average is inflation is forecasted to slow down. The Compensation and Classification Study recommends selecting an index and continuing to use that index. The ECI is a better index for salary adjustments whereas the CPI is a better index for inflation, hence we chose the average. We also took into consideration what we were advised members gave last year and were forecasting for the upcoming fiscal year.
2. The proposed O&M cost distribution is based on the five-year running average. The historical method has been to use the previous five-year running average but recent changes in flow distributions have resulted in significant adjustments for some incorporating subdivisions during the fiscal year end true-up. Based on the discussion from the meeting with the member utility directors it is staff's recommendation to remain with five-year running average to calculate the O&M cost distribution.

Staff recommends the Board proceed with advertising the budget based on the five-year flow average for O&M expenses as presented in Attachment C-1 and setting the public hearing date for March 21, 2024, at 2:00 p.m. at the Appomattox River Water Authority. A copy of the proposed budget resolution prepared by counsel is included as Attachment C-2.

Board Action Requested:

Staff requests the Board provide direction on the requested salary adjustment and set a public hearing date for March 21, 2024, at 2:00 pm at the Appomattox River Water Authority for the proposed FY24/25 budget.



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TO: South Central Wastewater Authority Utility Directors

FROM: Robert B. Wilson, Executive Director
James C. Gordon, Assistant Executive Director

DATE: December 14, 2023

SUBJECT: Proposed FY24/25 Budget Narrative
Revision 001 – Comments from December 14th directors' meeting

The following members and staff attended the December 14th meeting:

George Hayes	Chesterfield County
Matt Rembold	Chesterfield County
Eddie Pearson	Dinwiddie County Water Authority
Frank Haltom	Prince George County
Todd Flippen	City of Colonial Heights
Jerry Byerly	City of Petersburg
Robert Wilson	ARWA/SCWWA
Jamie Gordon	ARWA/SCWWA
Melissa Wilkins	ARWA/SCWWA

The budget is divided into operating and maintenance costs (O&M) which includes the operating capital outlay, equipment repair and replacement fund (ERRF), debt service, reserve policy, and the capital reserve account. Each incorporating subdivision is responsible for a pro rata share of the O&M expenses. The pro rata share for O&M expenses has been calculated using two different methods. The two methods for calculating the pro rata share are to use the previous five-year running average and the previous two-year running average for each incorporating subdivision. The historical method has been to use the previous five-year running average but recent changes in flow distributions have resulted in significant adjustments for some incorporating subdivisions during the fiscal year end true-up. Budget Attachment 1 reflects the five-year running average and Attachment 2 the two-year running average. The impact of each method is illustrated on the revenue page for each scenario.

Mr. Pearson requested the group give consideration to the two-year flow average for distribution of operating costs. Mr. Pearson stated DCWA installed a new main, calibrated sewer meter and their flows have dropped significantly. Using the five-year average flow for cost distribution they will be fronting over \$100K. Granted they will get it back at the true-up, but he feels he can better utilize the money during the year. Mr. Flippen and Mr. Haltom stated they would prefer to stay with the five-year flow average distribution. Mr. Hayes and Mr. Byerly stated they were agreeable to either option.

To assist with further consideration, Mr. Gordon ran scenarios for a three- and four-year average (after the meeting and forwarded the results to Mr Pearson). The results of these scenarios were the three-year average mirrored the two-year average and the four-year average mirrored the five-year average. With that in mind, we are recommending to continue using the five-year flow average. This variation in annual cost paid by DCWA should resolve itself next year.

The pro rata shares used to develop the portion of O&M costs for were:

	FY24/25 (5 yr)	FY24/25 (2 yr)	FY23/24
City of Petersburg	61.150%	62.16%	61.312%
City of Colonial Heights	18.025%	18.82%	17.254%
Chesterfield County	8.332%	8.49%	8.179%
Prince George County	4.635%	3.95%	5.084%
Dinwiddie County	7.857%	6.58%	8.171%

The five-year and two-year data used for each member is included as Attachment 3.

The ERRF and debt service is distributed amongst incorporating subdivisions by ownership in the plant per the Service Agreements:

City of Petersburg	52.5%
City of Colonial Heights	20.0%
Chesterfield County	10.0%
Prince George County	7.5%
Dinwiddie County	10.0%

The required minimum balance in the ERRF is \$2.5 million as outlined on page 41, paragraph E. of the Service Agreement. Currently the ERRF is fully funded and therefore, no appropriation is requested for FY24/25.

For FY23/24, SCWWA does not have any outstanding bonds and therefore the debt service is \$0. For the Nutrient Reduction Project, we anticipate borrowing funds for the local share in 2026.

The Reserve Policy was adopted by the Board on May 21, 2015, in the “Financial Policy Guidelines for South Central Wastewater Authority”. The pro rata share for the Reserve Policy is distributed by ownership in the plant similar to the ERRF. The required balance in the Reserve Policy is 50% of O&M costs. The Reserve Policy is currently funded and therefore, no appropriation is requested for FY24/25.

Similar to the ERRF and Reserve Policy, the Capital Reserve Account is funded by percent ownership in the plant. The Capital Reserve Account, similar to a Rate Stabilization Reserve, is being utilized to collect the proposed debt service towards the local share portion of the Nutrient Reduction Project. When the funds are borrowed (bond) for the local share portion of the Nutrient Reduction Project and SCWWA begins to pay debt service, the Capital Reserve Account will be closed, and you will begin to see a debt service line for the local share portion of the Nutrient Reduction Project. The amount being requested in the Capital Reserve Policy is close to the estimated debt service for the local share for the Nutrient Reduction Project.

One of the main factors that influences the running averages is rain. Unfortunately, water from rain gets into the incorporating subdivision's collection systems and ultimately ends up at the wastewater treatment plant for treatment. This is commonly known as inflow and infiltration or I&I. Sewer improvements that reduce I&I help to reduce the incorporating subdivision's treatment costs by reducing their five-year running average. The lower the running average the corresponding lower O&M costs.

Nutrient purchases are slated to be constant through FY28/29. We currently have a contract through FY27/28 and expect an extension of the contract for FY28/29.

To assist incorporating subdivision with determining the Authority's impact on budgets and looking at their future rates, we included a section on estimated rates for the next five years. For these future estimates, we increased the operating expenses annually by 3%, did not inflate operating capital outlay items or nutrient costs and kept the debt service constant.

For the proposed FY24/25 Budget the operating and maintenance costs and operating capital outlay costs are developed by meeting with staff, setting priorities, and using up-to-date estimates. The proposed budget includes a 4.0% salary adjustment, which is a COLA as detailed in the Compensation and Classification Study. The selection of a 4.0% salary adjustment is based on information from the Bureau of Labor and Statistics September 2023 Employment Cost Index (ECI). A copy of the supporting information is included as Attachment 4.

Mr. Flippen asked if the EPI recommended a 4.8% salary increase why is staff recommending a 4.0% increase. Mr. Wilson advised that we looked at both the ECI and the CPI (Consumer Price Index). The ECI was 4.8% and the CPI was 3.2%. We took the average of both indexes and came up with the requested salary adjustment of 4.0%. This is the average through September 2023.

Specific highlights for the Operating Budget:

Mr. Flippen requested we add the percentage change to each bullet. The percent change is also included as a column on the budget.

- The total FY23/24 budget is increasing 3.74%. Chemicals, electricity, natural gas, and biosolids disposal increase the budget 2.14% of the 3.74% total increase.
- 51000 – Salaries (-\$25,925, -1.10%)
 - Several staff at the Authority have retired or left our employment. Many of the positions were held by staff that had been with the Authority for many years and/or were in senior level positions.
- 52000 – Employee Benefits (+\$50,915, 5.09%)
 - This increase is related to budgeted hospitalization insurance increases. We are budgeting for an 8% increase and we will not know the actual increase until April or May of 2024
- 53000 - Contractual Services (-\$2,900, -0.89%)
 - 53123 – Administrative Services (+\$2,000, 5.26%). Increase based on projection of actual historical cost.
 - 53190 – Samples and Testing (-\$4,900, -8.57%). Some of the budget has been redistributed to the maintenance budget. This will be used primarily for the purchase and maintenance of samplers.

- 55000 Other Charges (+\$131,700, 11.44%)
 - 55110 – Electricity (+\$75,000, +15.00%). Increase based on projection of actual historical cost.
 - 55120 – Natural Gas (+12,500, 166.67%). Increase based on projection of actual historical cost. This budget line was decreased last year with the expectation of transitioning to electric heat in the solids conditioning building. During the cost benefit evaluation it was decided the best option was to continue with natural gas heat in this area.
 - 55150 – Storm Water (+\$500, +9.09%). Increase based on projection of actual historical cost.
 - 55160 – Biosolids Disposal (+\$25,000, 5.56%). Estimated increase due to transportation costs.
 - 55210 – Postage and Freight (+\$2,000, 10.00%). Increase based on projection of actual historical cost.
 - 55230 – Telecommunications (+\$700, 4.00%). We are investing in Remote Terminal Units (RTUs) to monitor pH at select pump stations. These stations require cellular connectivity to bring it to SCADA.
 - 55308 – General Liability Insurance (+\$5,000, 7.14%). Increase based on projection of actual historical cost.
 - 55530 – Meals and Lodging (+\$1,000, 50.00%). Increase based on projection of actual historical cost. New staff require additional education, and some educational opportunities will require multiple days of training.
 - 55540 – Education and Training (+\$5,000, 20.00%). New hires will require additional training. New operators will need opportunities to gain experience to progress through licensing.
 - 55550 – Safety Supplies (+\$5,000, 20.00%). Increase based on projection of actual historical cost.
- 56000 Materials and Supplies (+\$137,000, 7.27%)
 - 56005 – Process Chemicals (+\$100,000, 8.33%). This increase is based on estimated cost increases and projected increased usage.
 - 56007 – Repair and Maintenance Supplies - Shop. (+\$25,000, 5.26%). Reflects additional money from samples and testing for the samplers and 3.5% estimated increase in materials cost.
 - 56008 – Vehicle and Equipment Fuels (+\$8,000, 32.00%). This increase is based on estimated cost increases and projected increased usage.
 - 56012 – Dues and Subscriptions (+\$4,000, 13.33%). This increase is based on estimated cost increases and projected increased usage.
- 57000 – Operating Capital Outlay (+\$67,250, 38.43%). Increase to address items not included as part of the Nutrient Reduction Project (NRP) and to improve cyber security.
- 58000 – Nutrient Credit Purchases stayed the same as FY23/24
- Reserve Policy (\$0) – The Reserve Policy is fully funded for FY24/25.
- ERRF (\$0) – The ERRF is fully funded for FY24/25.
- Capital Reserve Account – (\$2,500,000). We continue to collect funds towards the Nutrient Reduction Project. When payment on the bond begins this will no longer be charged.

The Operating Capital Outlay (57000 series) included the following changes for FY24/25:

- 57010 – Machinery and Equipment. Funding for rebuilding the headworks screw compactor (\$35,000), purchasing a new radiator for one of the generators (\$25,000), replacing the fuel lines

to the generators (\$10,000), and replacing one of the lab sample refrigerators (\$16,000). The screw compactor for the bar screens is will not be replaced as part of the NRP and has never been rebuilt and is over 15 years old. The lab sample refrigerator scheduled for replacement this year is 15 years old. The existing generators will remain in service after the NRP, and recent inspection reports have indicated some concerns about the radiators. One was purchased last year to have onsite for emergency replacement. The generator fuels lines run from the external tank to the generators and are exposed to the elements.

- 57020 – Instrumentation. Funding to replace the bar screen PLC (\$63,000). The PLC is not included as part of the NRP and is 17 years old.
- 57030 – SCADA. Funding for additional hosts to the OT Virtual Machine (VM) (\$7,000) and to set up an OT Domain and migrate all OT asset from the IT Domain (\$21,000). This is to continue our efforts to separate the IT (administrative) and OT (operational) networks.
- 57040 – Computer Hardware and Software. Funding for a new LAN (Local Area Network) switch (\$5,250), replace the storage area network server (SANS) (\$20,000), and replace the corporate terminal server (\$25,000). These are items that are replaced on a schedule. The plan to replace one LAN switch per year and replace the SANS and corporate terminal every 7 years.
- 57050 - Motor Vehicles. No purchases scheduled for FY24/25. These will be evaluated each year based on the condition and maintenance required on the current vehicles and equipment.
- 57055 – Plant Equipment Replacement. Funding for rebuilding our oldest Godwin pump (20 yrs old) and upgrading it with a new controller and float switches (\$15,000).
- 57060 – Construction. No projects in FY24/25.

Under the Capital Budget the only project shown is the Nutrient Reduction Project. We estimated payments toward the bond beginning in FY25/26 but are collecting estimated debt service payments through the Capital Reserve Account until the bond payments begin.

Budget rate and percent increase/decrease summary:

Fiscal Year Rate change from prior fiscal years

	Petersburg	Colonial Heights	Chesterfield	Prince George	Dinwiddie	Total Annual \$
	\$/year	\$/year	\$/year	\$/year	\$/year	\$/year
FY20/21 Budget Year	\$5,001,502	\$1,622,363	\$751,989	\$579,244	\$779,503	\$8,734,601
FY21/22 Budget Year	\$5,096,057	\$1,637,529	\$761,223	\$584,501	\$814,291	\$8,893,601
FY22/23 Budget Year	\$5,245,251	\$1,619,772	\$784,944	\$556,141	\$815,709	\$9,021,817
FY23/24 (current budget)	\$5,654,257	\$1,721,809	\$829,209	\$547,499	\$828,625	\$9,581,397
FY24/25 (proposed budget 5 yr est)	\$5,861,731	\$1,840,967	\$869,838	\$532,349	\$834,552	\$9,939,437
FY24/25 (proposed budget 2 yr est)	\$5,936,791	\$1,900,098	\$881,397	\$481,629	\$739,522	\$9,939,437

Fiscal Year Percent change from prior fiscal years

	Petersburg	Colonial Heights	Chesterfield	Prince George	Dinwiddie	Average Member
	% change	% change	% change	% change	% change	% change
FY20/21 Budget Year	4.83%	0.00%	3.05%	-1.73%	4.34%	2.10%
FY21/22 Budget Year	1.89%	0.93%	1.23%	0.91%	4.46%	1.88%

FY22/23 Budget Year	2.93%	-1.08%	3.12%	-4.85%	0.17%	0.06%
FY23/24 (current budget)	7.39%	5.93%	5.27%	-1.87%	1.23%	3.59%
FY24/25 (proposed budget 5 yr est)	3.67%	6.92%	4.90%	-2.77%	0.72%	2.69%
FY24/25 (proposed budget 2 yr est)	5.00%	10.35%	6.29%	-12.03%	-10.75%	-0.23%

The above tables reflect the change in rates per member from fiscal year to fiscal year as shown in the approved budgets. These numbers do not reflect true-up costs. For FY21/22, for Petersburg, 1.89% means the percent difference from FY20/21 to FY21/22, the rate increased by 1.89%. For FY24/25 (5 yr. est.), for Petersburg, 3.67% means the percent difference from the FY23/24 to the FY24/25 rate increased by 3.67% if using the five-year running average. Respectively, 5.00% for FY24/25 (2 yr. est.) means the percent difference from the FY23/24 to the FY24/25 rate increased by 5.00% when using the two-year running average.

Five-Year and Two-Year Running Averages for flow percent to plant

	Petersburg	Colonial Heights	Chesterfield	Prince George	Dinwiddie
FY20/21 Budget Year	58.91%	18.08%	8.13%	6.33%	8.55%
FY21/22 Budget Year	59.18%	17.79%	8.00%	6.21%	8.83%
FY22/23 Budget Year	60.30%	17.17%	8.20%	5.65%	8.67%
FY23/24 (current budget)	61.31%	17.25%	8.18%	5.08%	8.17%
FY24/25 (proposed budget 5 yr est)	61.15%	18.03%	8.33%	4.64%	7.86%
FY24/25 (proposed budget 2 yr est)	62.16%	18.82%	8.49%	3.95%	6.58%

Each fiscal year, the member jurisdictions provide actual conveyance flow numbers to the Authority. These actual flow numbers are used to calculate the actual percent of wastewater conveyed to the Authority from each member. This percent of wastewater conveyed is used to calculate the true-up of actual operating costs for each member and is also used to calculate the average flow distribution percentage for the budget development. Historically the SCWWA has used a five-year average flow distribution to even out wet and dry years but the past two years has seen a change in the actual versus the estimated flow distribution.

We did not receive any comments or questions from the financial representatives.

Attachment 1 - Based on five year flow estimate

SOUTH CENTRAL WASTEWATER AUTHORITY

FY 2024/2025 Budget

PROPOSED: January 18, 2024

APPROVED:

REVISED:

REVISION APPROVED:

		Fiscal Year 2023/2024	Fiscal Year 2024/2025	FY23/24 to FY24/25	
Acct #	ITEM	Budget	Budget	\$ Change	% Change
51000	SALARY	\$ 2,356,538	\$ 2,330,613	-\$25,925	-1.10%
52000	EMPLOYEE BENEFITS	\$ 999,660	\$ 1,050,574	\$50,915	5.09%
52100	Employer FICA	\$ 180,275	\$ 178,292	-\$1,983	-1.10%
52200	Virginia Retirement System	\$ 158,595	\$ 156,850	-\$1,745	-1.10%
52300	Hospitalization Insurance	\$ 617,712	\$ 672,702	\$54,990	8.90%
52400	Group Life	\$ 31,578	\$ 31,230	-\$347	-1.10%
52450	Supplemental Group Life	\$ 1,500	\$ 1,500	\$0	0.00%
52500	Health Insurance Credit	\$ -	\$ -	\$0	0.00%
52600	Workers Comp/Unemployment	\$ -	\$ -	\$0	0.00%
52700	Employee Promotions	\$ 10,000	\$ 10,000	\$0	0.00%
52900	OPEB Health Insuranc ARC Adj	\$ -	\$ -	\$0	0.00%
52952	Net Pension Adjustment	\$ -	\$ -	\$0	0.00%
53000	Contractual Services	\$ 327,200	\$ 324,300	-\$2,900	-0.89%
53121	Auditing Services	\$ 15,000	\$ 15,000	\$0	0.00%
53122	Accounting Services	\$ 12,000	\$ 12,000	\$0	0.00%
53123	Administrative Service	\$ 38,000	\$ 40,000	\$2,000	5.26%
53124	Part-Time Summer Interns	\$ 5,000	\$ 5,000	\$0	0.00%
53140	Consults - Engineering	\$ 25,000	\$ 25,000	\$0	0.00%
53145	Consults - General	\$ -	\$ -	\$0	0.00%
53150	Legal Services	\$ 70,000	\$ 70,000	\$0	0.00%
53152	Software Support	\$ 50,000	\$ 50,000	\$0	0.00%
53160	Medical	\$ 5,000	\$ 5,000	\$0	0.00%
53162	Bank Service Charges	\$ -	\$ -	\$0	0.00%
53170	Payment in Lieu of Taxes (City of Petersburg)	\$ -	\$ -	\$0	0.00%
53190	Samples and Testing	\$ 57,200	\$ 52,300	-\$4,900	-8.57%
53220	VPDES Permit Fee	\$ 12,500	\$ 12,500	\$0	0.00%
53320	Maintenance Service Contracts	\$ 10,000	\$ 10,000	\$0	0.00%
53600	Grounds Maintenance	\$ 27,500	\$ 27,500	\$0	0.00%
55000	Other Charges	\$ 1,151,000	\$ 1,282,700	\$131,700	11.44%
55050	Advertising	\$ 4,000	\$ 4,000	\$0	0.00%
55110	Electricity	\$ 500,000	\$ 575,000	\$75,000	15.00%
55120	Natural Gas	\$ 7,500	\$ 20,000	\$12,500	166.67%
55130	Solid Waste	\$ 3,500	\$ 3,500	\$0	0.00%
55140	Water	\$ 10,000	\$ 10,000	\$0	0.00%
55150	Storm Water (City of Petersburg)	\$ 5,500	\$ 6,000	\$500	9.09%

55160	Biosolids Disposal	\$ 450,000	\$ 475,000	\$25,000	5.56%
55210	Postage and Freight	\$ 20,000	\$ 22,000	\$2,000	10.00%
55230	Telecommunications	\$ 17,500	\$ 18,200	\$700	4.00%
55308	General Liability Insurance	\$ 70,000	\$ 75,000	\$5,000	7.14%
55410	Lease/Rent of Equipment	\$ 11,000	\$ 11,000	\$0	0.00%
55530	Meals and Lodging	\$ 2,000	\$ 3,000	\$1,000	50.00%
55540	Education and Training	\$ 25,000	\$ 30,000	\$5,000	20.00%
55550	Safety Supplies	\$ 25,000	\$ 30,000	\$5,000	20.00%
55700	Grounds Maintenance				
56000	Materials and Supplies	\$ 1,884,500	\$ 2,021,500	\$137,000	7.27%
56001	Office Supplies	\$ 7,500	\$ 7,500	\$0	0.00%
56004	Laboratory Supplies	\$ 63,000	\$ 63,000	\$0	0.00%
56005	Process Chemicals	\$ 1,200,000	\$ 1,300,000	\$100,000	8.33%
56006	Repair and Maintenance Supplies - IT	\$ 30,000	\$ 30,000	\$0	0.00%
56007	Repair and Maintenance Supplies - Shop	\$ 475,000	\$ 500,000	\$25,000	5.26%
56008	Vehicle and Equipment Fuels	\$ 25,000	\$ 33,000	\$8,000	32.00%
56009	Inventory Purchases	\$ -	\$ -	\$0	0.00%
56010	Janitorial Supplies	\$ 10,000	\$ 10,000	\$0	0.00%
56011	Uniforms	\$ 24,000	\$ 24,000	\$0	0.00%
56012	Dues and Subscriptions	\$ 30,000	\$ 34,000	\$4,000	13.33%
56015	Small Equipment Purchases	\$ -	\$ -	\$0	0.00%
56016	Operation - Supplies - Maintenance	\$ 20,000	\$ 20,000	\$0	0.00%
57000	Operating Capital Outlay	\$ 175,000	\$ 242,250	\$67,250	38.43%
58000	Nutrient Credit Purchases	\$ 187,500	\$ 187,500	\$0	0.00%
59000	Rate Stabilization Funds to be deposited to Capital Reserve Acct			\$0	0.00%
	Total(Operations & Maintenance)	\$ 7,081,397	\$ 7,439,437	\$358,040	5.06%
	Reserve policy (50% O&M) (1)	\$ -	\$ -	\$0	0.00%
	ERRF (5% of Operations & Maintenance) (2)	\$ -	\$ -	\$0	0.00%
	Capital Reserve Account (3)	\$ 2,500,000	\$ 2,500,000	\$0	0.00%
	Debt Service	\$ -	\$ -	\$0	0.00%
	Total	\$ 9,581,397	\$ 9,939,437	\$358,040	3.74%

Notes

(1) Reserve Policy requirement is to maintain 50% O&M reserves. Reserve Policy account currently has 50% O&M

(2) Equipment Replacement and Reserve Fund (ERRF) has > \$2.5 million. Per service agreement, the budget must include 5% O&M charge for ERRF until the account reaches \$2.5 million

(3) Capital Reserve account is used to offset future capital expenditures.

SOUTH CENTRAL WASTEWATER AUTHORITY

FY 2024/2025 Budget

Proposed: Jan. 18, 2024 Approved: Revised: Revision Approved:

Operations and Maintenance, Equipment Repair and Replacement Funds and Debt Service billing per July 2, 1996 Service Agreement

Operation and Maintenance, Section 10, Para. 2					Budget:	\$7,439,437.17
Community	Petersburg	Colonial Heights	Chesterfield	Prince George	Dinwiddie	
% O&M (1)	61.150%	18.025%	8.332%	4.635%	7.857%	
O&M	\$ 4,549,231.44	\$ 1,340,966.59	\$ 619,838.14	\$ 344,849.43	\$ 584,551.58	

Equipment Repair and Replacement Fund, Section 11, Para. E, 5% of O&M					Budget:	\$ -
%ERRF(2)	52.5%	20.0%	10.0%	7.5%	10.0%	
ERRF	\$ -	\$ -	\$ -	\$ -	\$ -	

Debt Service, Section 11, Para. A.2					Budget:	\$ -
% Participation	52.50%	20.00%	10.00%	7.50%	10.00%	
P&I Owed	\$ -	\$ -	\$ -	\$ -	\$ -	
Deferred	\$ -	\$ -	\$ -	\$ -	\$ -	
Total P&I	\$ -	\$ -	\$ -	\$ -	\$ -	

Reserve Policy					Budget:	0
% Participation (3)	52.5%	20.0%	10.0%	7.5%	10.0%	
Reserve Policy	\$ -	\$ -	\$ -	\$ -	\$ -	

Capital Reserve Account (to offset future Capital Expenditures)					Budget:	\$ 2,500,000.00
% Participation	52.5%	20.0%	10.0%	7.5%	10.0%	
Reserve Policy	\$ 1,312,500.00	\$ 500,000.00	\$ 250,000.00	\$ 187,500.00	\$ 250,000.00	

Annual Total	\$ 5,861,731.44	\$ 1,840,966.59	\$ 869,838.14	\$ 532,349.43	\$ 834,551.58	
O&M Due Monthly	\$ 379,102.62	\$ 111,747.22	\$ 51,653.18	\$ 28,737.45	\$ 48,712.63	
ERRF Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserve policy Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital Reserve Account	\$ 109,375.00	\$ 41,666.67	\$ 20,833.33	\$ 15,625.00	\$ 20,833.33	
P&I Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Due Monthly	\$ 488,477.62	\$ 153,413.88	\$ 72,486.51	\$ 44,362.45	\$ 69,545.97	

Notes:

(1) Participation percentage based on flow data for period from FY19 to FY23

(2) Participation percentage based upon Section 6 of the Service Agreement

(3) A Reserve Policy of 50% O&M was adopted with the FY15/16 Budget to be funded initially over a 5 year term. Participation is based on Plant Allocation

SOUTH CENTRAL WASTEWATER AUTHORITY

FY 2024/2025 Budget						
Proposed: Jan. 18, 2024		Approved: _____		Revised: _____		
Revision Approved: _____						
<u>Proposed Revenues</u>						
	<u>Petersburg</u>	<u>Colonial Heights</u>	<u>Chesterfield</u>	<u>Prince George</u>	<u>Dinwiddie</u>	<u>Total</u>
Estimated Share of Plant Flow	61.150%	18.025%	8.332%	4.635%	7.857%	100.000%
Estimated Share of Operations & Maintenance	\$ 4,549,231.44	\$ 1,340,966.59	\$ 619,838.14	\$ 344,849.43	\$ 584,551.58	\$ 7,439,437.17
Share of Plant Capacity (%)	52.50%	20.00%	10.00%	7.50%	10.00%	100.00%
Share of Equipment Replacement Reserve Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserve Policy - (50% O&M)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Reserve Account	\$ 1,312,500.00	\$ 500,000.00	\$ 250,000.00	\$ 187,500.00	\$ 250,000.00	\$ 2,500,000.00
Share of Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Amount	\$ 488,477.62	\$ 153,413.88	\$ 72,486.51	\$ 44,362.45	\$ 69,545.97	\$ 828,286.43
Annual Total	\$ 5,861,731.44	\$ 1,840,966.59	\$ 869,838.14	\$ 532,349.43	\$ 834,551.58	\$ 9,939,437.17
Electrical Credit						\$ -
Miscellaneous Revenue - PROPOSE THIS REVENUE IS DEPOSITED TO A CAPITAL RESERVE FUND						\$ -
<u>Total Budget</u>						<u>\$ 9,939,437.17</u>

Budget Comparison

	FY24/25 Budget	FY23/24 Budget	FY24/25 - FY23/24	
Locality	Revenue	Revenue	Difference	
City of Petersburg	\$ 5,861,731	\$ 5,654,257	\$ 207,475	3.67%
City of Colonial Heights	\$ 1,840,967	\$ 1,721,809	\$ 119,158	6.92%
Chesterfield County	\$ 869,838	\$ 829,209	\$ 40,630	4.90%
Prince George County	\$ 532,349	\$ 547,499	\$ (15,149)	-2.77%
Dinwiddie County	\$ 834,552	\$ 828,625	\$ 5,927	0.72%
Sub-totals	\$ 9,939,437	\$ 9,581,397	\$ 358,040	2.688%
Total Budget	\$ 9,939,437.17	\$ 9,581,397.50	\$ 358,039.68	

50% Reserve Policy:

Reserve Policy Calculation

SCWWA O&M Budget	O&M Reserves on June 30, 2023	Recommended 50% O&M Reserves	Charges required to achieve 50% reserves	Annual Charge
\$7,439,437	\$3,916,414.45	\$3,719,718.59	-\$196,695.86	0

South Central Wastewater Authority
Operating Capital Outlay - 57000
FY24/25

Acct#	Budget 23/24	Proposed Budget 24/25	INFORMATIONAL & PLANNING									
			25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
57010 - Machinery & Equipment	\$ 65,000	\$ 86,000	\$ 100,000	\$ 14,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
57020 - Instrumentation	\$ 10,000	\$ 63,000	\$ 302,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
57030 - SCADA	\$ 85,000	\$ 28,000	\$ 191,750	\$ -	\$ -	\$ 12,750	\$ -	\$ 20,000	\$ -	\$ 29,500	\$ -	\$ -
57040 - Computer Hardware & Software	\$ 15,000	\$ 50,250	\$ 5,500	\$ 10,800	\$ 31,000	\$ 31,400	\$ 6,720	\$ 7,000	\$ 76,978	\$ 39,800	\$ 8,200	\$ -
57050 - Motor Vehicles	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 45,000	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ 95,000	\$ -
57055 - Equipment	\$ -	\$ 15,000	\$ 90,000	\$ 75,000	\$ 175,000	\$ -	\$ -	\$ 7,500	\$ 100,000	\$ 70,000	\$ 40,000	\$ -
57060 - Construction	\$ -	\$ -	\$ -	\$ 750,000	\$ 1,700,000	\$ 500,000	\$ 1,600,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 25,000,000	\$ -
57080 - Fixtures and Furniture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ 175,000	\$ 242,250	\$ 689,250	\$ 849,800	\$ 1,976,000	\$ 589,150	\$ 1,656,720	\$ 1,034,500	\$ 1,176,978	\$ 1,189,300	\$ 25,143,200	\$ -

NOTE: FY 22/23 OPERATING CAPITAL OUTLAY TO BE APPROVED WITH BUDGET

South Central Wastewater Authority
Capital Budget
FY24/25

ITEM	Estimate	Budget 23/24	Proposed Budget 24/25	INFORMATIONAL & PLANNING									
				25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
Nutrient Upgrade - Engineering (See Note 1.)	\$ 3,070,384	\$ 1,535,192	\$ -										
Nutrient Upgrade - Bond (See Notes 2. and 3.)	\$ 35,000,000	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	
Capital Reserve Account (See Notes 4. and 5.)		\$ 2,500,000	\$ 2,500,000										
Totals		\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	

NOTE:

1. The purchase order has been issued for the Nutrient Upgrade - Engineering. This amount is funded and only illustrated for informational purposes. That is the reason it is not included in the "Totals"

2. Bond Funding will be required for the Proposed Nutrient Upgrade Project. Debt service for the local share portion of the Nutrient upgrade was estimated at \$35 million over 20 years at 3%.

3. The \$35 million is the proposed local share for the Nutrient project. The estimated total project cost including the local share is \$107.7 million.

4. Nutrient Upgrade - Engineering for FY2021 and FY2022 is funded through the Capital Reserve Account as approved at the September 2020 Board meeting

5. The Capital Reserve Account that is currently funding engineering for the Nutrient Project will end in FY21/22. The Nutrient Upgrade - Bond will be used to fund the local share debt service for the Nutrient Project.

Total Operating Capital Outlay and Construction Budget											
23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
\$ 2,675,000	\$ 2,742,250	\$ 3,189,250	\$ 3,349,800	\$ 4,476,000	\$ 3,089,150	\$ 4,156,720	\$ 3,534,500	\$ 3,676,978	\$ 3,689,300	\$ 27,643,200	

South Central Wastewater Authority
Nutrient Credit Purchase - Acct # 58100
FY24/25

Acct# 58100 ITEM	Budget 23/24	Proposed Budget 24/25	INFORMATIONAL & PLANNING									
			25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
Contract + contingency	\$ 187,500	\$ 187,500	\$ 205,250	\$ 289,625	\$ 305,783	\$ 319,302	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NOTE: FY 22/23 TO BE APPROVED WITH BUDGET

SCWWA Budget comparisons

Year	(1)		Operating Capital		(2)		(3)		Total	Difference	% change	Comments
	O&M Expenses		Outlay	Nutrients	Debt Service	Reserve policy	ERRF					
23/24	\$ 6,718,897.50	\$	175,000.00	\$ 187,500.00	\$ 2,500,000.00	\$ -	\$ -	\$	9,581,397.50			
24/25	\$ 7,009,687.17	\$	242,250.00	\$ 187,500.00	\$ 2,500,000.00	\$ -	\$ -	\$	9,939,437.17	\$ 358,039.68	4%	
25/26	\$ 7,380,977.79	\$	689,250.00	\$ 205,250.00	\$ 2,500,000.00	\$ -	\$ -	\$	10,775,477.79	\$ 836,040.62	8%	added maint sup and mechanic + benefits
26/27	\$ 7,763,407.12	\$	849,800.00	\$ 289,625.00	\$ 2,500,000.00	\$ -	\$ -	\$	11,402,832.12	\$ 627,354.33	6%	
27/28	\$ 7,996,309.33	\$	1,976,000.00	\$ 305,783.00	\$ 2,500,000.00	\$ -	\$ -	\$	12,778,092.33	\$ 1,375,260.21	12%	should be last year purchasing credits
28/29	\$ 8,236,198.61	\$	589,150.00	\$ -	\$ 2,500,000.00	\$ -	\$ -	\$	11,325,348.61	\$ (1,452,743.72)	-11%	

Notes:

- (1) Annual increase in operating expenses 3%
- (2) Debt Service stays constant. Projections assume bond payments start in FY23 (shown in red)
- (3) Equipment Replacement and Reserve Fund (currently fully funded at >\$2,500,000)

SCWWA Projected Annual Cost

5 year projeceted annual cost per Participating Jurisdiction

	Dinwiddie	Prince George	Colonial Heights	Chesterfield	Petersburg	total
5 year aver flows	7.857%	4.635%	18.025%	8.332%	61.150%	100.000%
Allocation	10.000%	7.500%	20.000%	10.000%	52.500%	100.000%
FY 24/25	\$ 834,552	\$ 532,349	\$ 1,840,967	\$ 869,838	\$ 5,861,731	\$ 9,939,437
FY 25/26	\$ 900,243	\$ 571,103	\$ 1,991,664	\$ 939,495	\$ 6,372,972	\$ 10,775,478
FY 26/27	\$ 949,537	\$ 600,184	\$ 2,104,745	\$ 991,765	\$ 6,756,601	\$ 11,402,832
FY 27/28	\$ 1,057,598	\$ 663,933	\$ 2,352,637	\$ 1,106,349	\$ 7,597,575	\$ 12,778,092
FY 28/29	\$ 943,449	\$ 596,592	\$ 2,090,779	\$ 985,309	\$ 6,709,219	\$ 11,325,349

Note: Budget % based on five year average flows (FY18/19 to FY22/23)

Attachment 2 - Based on two year flow average

SOUTH CENTRAL WASTEWATER AUTHORITY

FY 2024/2025 Budget

PROPOSED: January 18, 2024

APPROVED:

REVISED:

REVISION APPROVED:

		Fiscal Year 2023/2024	Fiscal Year 2024/2025	FY23/24 to FY24/25	
Acct #	ITEM	Budget	Budget	\$ Change	% Change
51000	SALARY	\$ 2,356,538	\$ 2,330,613	-\$25,925	-1.10%
52000	EMPLOYEE BENEFITS	\$ 999,660	\$ 1,050,574	\$50,915	5.09%
52100	Employer FICA	\$ 180,275	\$ 178,292	-\$1,983	-1.10%
52200	Virginia Retirement System	\$ 158,595	\$ 156,850	-\$1,745	-1.10%
52300	Hospitalization Insurance	\$ 617,712	\$ 672,702	\$54,990	8.90%
52400	Group Life	\$ 31,578	\$ 31,230	-\$347	-1.10%
52450	Supplemental Group Life	\$ 1,500	\$ 1,500	\$0	0.00%
52500	Health Insurance Credit	\$ -	\$ -	\$0	0.00%
52600	Workers Comp/Unemployment	\$ -	\$ -	\$0	0.00%
52700	Employee Promotions	\$ 10,000	\$ 10,000	\$0	0.00%
52900	OPEB Health Insuranc ARC Adj	\$ -	\$ -	\$0	0.00%
52952	Net Pension Adjustment	\$ -	\$ -	\$0	0.00%
53000	Contractual Services	\$ 327,200	\$ 324,300	-\$2,900	-0.89%
53121	Auditing Services	\$ 15,000	\$ 15,000	\$0	0.00%
53122	Accounting Services	\$ 12,000	\$ 12,000	\$0	0.00%
53123	Administrative Service	\$ 38,000	\$ 40,000	\$2,000	5.26%
53124	Part-Time Summer Interns	\$ 5,000	\$ 5,000	\$0	0.00%
53140	Consults - Engineering	\$ 25,000	\$ 25,000	\$0	0.00%
53145	Consults - General	\$ -	\$ -	\$0	0.00%
53150	Legal Services	\$ 70,000	\$ 70,000	\$0	0.00%
53152	Software Support	\$ 50,000	\$ 50,000	\$0	0.00%
53160	Medical	\$ 5,000	\$ 5,000	\$0	0.00%
53162	Bank Service Charges	\$ -	\$ -	\$0	0.00%
53170	Payment in Lieu of Taxes (City of Petersburg)	\$ -	\$ -	\$0	0.00%
53190	Samples and Testing	\$ 57,200	\$ 52,300	-\$4,900	-8.57%
53220	VPDES Permit Fee	\$ 12,500	\$ 12,500	\$0	0.00%
53320	Maintenance Service Contracts	\$ 10,000	\$ 10,000	\$0	0.00%
53600	Grounds Maintenance	\$ 27,500	\$ 27,500	\$0	0.00%
55000	Other Charges	\$ 1,151,000	\$ 1,282,700	\$131,700	11.44%
55050	Advertising	\$ 4,000	\$ 4,000	\$0	0.00%
55110	Electricity	\$ 500,000	\$ 575,000	\$75,000	15.00%
55120	Natural Gas	\$ 7,500	\$ 20,000	\$12,500	166.67%
55130	Solid Waste	\$ 3,500	\$ 3,500	\$0	0.00%
55140	Water	\$ 10,000	\$ 10,000	\$0	0.00%
55150	Storm Water (City of Petersburg)	\$ 5,500	\$ 6,000	\$500	9.09%

55160	Biosolids Disposal	\$ 450,000	\$ 475,000	\$25,000	5.56%
55210	Postage and Freight	\$ 20,000	\$ 22,000	\$2,000	10.00%
55230	Telecommunications	\$ 17,500	\$ 18,200	\$700	4.00%
55308	General Liability Insurance	\$ 70,000	\$ 75,000	\$5,000	7.14%
55410	Lease/Rent of Equipment	\$ 11,000	\$ 11,000	\$0	0.00%
55530	Meals and Lodging	\$ 2,000	\$ 3,000	\$1,000	50.00%
55540	Education and Training	\$ 25,000	\$ 30,000	\$5,000	20.00%
55550	Safety Supplies	\$ 25,000	\$ 30,000	\$5,000	20.00%
55700	Grounds Maintenance				
56000	Materials and Supplies	\$ 1,884,500	\$ 2,021,500	\$137,000	7.27%
56001	Office Supplies	\$ 7,500	\$ 7,500	\$0	0.00%
56004	Laboratory Supplies	\$ 63,000	\$ 63,000	\$0	0.00%
56005	Process Chemicals	\$ 1,200,000	\$ 1,300,000	\$100,000	8.33%
56006	Repair and Maintenance Supplies - IT	\$ 30,000	\$ 30,000	\$0	0.00%
56007	Repair and Maintenance Supplies - Shop	\$ 475,000	\$ 500,000	\$25,000	5.26%
56008	Vehicle and Equipment Fuels	\$ 25,000	\$ 33,000	\$8,000	32.00%
56009	Inventory Purchases	\$ -	\$ -	\$0	0.00%
56010	Janitorial Supplies	\$ 10,000	\$ 10,000	\$0	0.00%
56011	Uniforms	\$ 24,000	\$ 24,000	\$0	0.00%
56012	Dues and Subscriptions	\$ 30,000	\$ 34,000	\$4,000	13.33%
56015	Small Equipment Purchases	\$ -	\$ -	\$0	0.00%
56016	Operation - Supplies - Maintenance	\$ 20,000	\$ 20,000	\$0	0.00%
57000	Operating Capital Outlay	\$ 175,000	\$ 242,250	\$67,250	38.43%
58000	Nutrient Credit Purchases	\$ 187,500	\$ 187,500	\$0	0.00%
59000	Rate Stabilization Funds to be deposited to Capital Reserve Acct			\$0	0.00%
	Total(Operations & Maintenance)	\$ 7,081,397	\$ 7,439,437	\$358,040	5.06%
	Reserve policy (50% O&M) (1)	\$ -	\$ -	\$0	0.00%
	ERRF (5% of Operations & Maintenance) (2)	\$ -	\$ -	\$0	0.00%
	Capital Reserve Account (3)	\$ 2,500,000	\$ 2,500,000	\$0	0.00%
	Debt Service	\$ -	\$ -	\$0	0.00%
	Total	\$ 9,581,397	\$ 9,939,437	\$358,040	3.74%

Notes

(1) Reserve Policy requirement is to maintain 50% O&M reserves. Reserve Policy account currently has 50% O&M

(2) Equipment Replacement and Reserve Fund (ERRF) has > \$2.5 million. Per service agreement, the budget must include 5% O&M charge for ERRF until the account reaches \$2.5 million

(3) Capital Reserve account is used to offset future capital expenditures.

SOUTH CENTRAL WASTEWATER AUTHORITY

FY 2024/2025 Budget

Proposed: Jan. 18, 2024 Approved: Revised: Revision Approved:

Operations and Maintenance, Equipment Repair and Replacement Funds and Debt Service billing per July 2, 1996 Service Agreement

Operation and Maintenance, Section 10, Para. 2					Budget:	\$7,439,437.17
Community	Petersburg	Colonial Heights	Chesterfield	Prince George	Dinwiddie	
% O&M (1)	62.159%	18.820%	8.487%	3.954%	6.580%	
O&M	\$ 4,624,290.86	\$ 1,400,098.44	\$ 631,396.90	\$ 294,128.58	\$ 489,522.39	

Equipment Repair and Replacement Fund, Section 11, Para. E, 5% of O&M					Budget:	\$ -
%ERRF(2)	52.5%	20.0%	10.0%	7.5%	10.0%	
ERRF	\$ -	\$ -	\$ -	\$ -	\$ -	

Debt Service, Section 11, Para. A.2					Budget:	\$ -
% Participation	52.50%	20.00%	10.00%	7.50%	10.00%	
P&I Owed	\$ -	\$ -	\$ -	\$ -	\$ -	
Deferred	\$ -	\$ -	\$ -	\$ -	\$ -	
Total P&I	\$ -	\$ -	\$ -	\$ -	\$ -	

Reserve Policy					Budget:	0
% Participation (3)	52.5%	20.0%	10.0%	7.5%	10.0%	
Reserve Policy	\$ -	\$ -	\$ -	\$ -	\$ -	

Capital Reserve Account (to offset future Capital Expenditures)					Budget:	\$ 2,500,000.00
% Participation	52.5%	20.0%	10.0%	7.5%	10.0%	
Reserve Policy	\$ 1,312,500.00	\$ 500,000.00	\$ 250,000.00	\$ 187,500.00	\$ 250,000.00	

Annual Total	\$ 5,936,790.86	\$ 1,900,098.44	\$ 881,396.90	\$ 481,628.58	\$ 739,522.39	
O&M Due Monthly	\$ 385,357.57	\$ 116,674.87	\$ 52,616.41	\$ 24,510.71	\$ 40,793.53	
ERRF Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserve policy Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital Reserve Account	\$ 109,375.00	\$ 41,666.67	\$ 20,833.33	\$ 15,625.00	\$ 20,833.33	
P&I Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Due Monthly	\$ 494,732.57	\$ 158,341.54	\$ 73,449.74	\$ 40,135.71	\$ 61,626.87	

Notes:

(1) Participation percentage based on flow data for period from FY22 to FY23

(2) Participation percentage based upon Section 6 of the Service Agreement

(3) A Reserve Policy of 50% O&M was adopted with the FY15/16 Budget to be funded initially over a 5 year term. Participation is based on Plant Allocation

SOUTH CENTRAL WASTEWATER AUTHORITY

FY 2024/2025 Budget						
Proposed: Jan. 18, 2024		Approved: _____		Revised: _____		
Revision Approved: _____						
<u>Proposed Revenues</u>						
	<u>Petersburg</u>	<u>Colonial Heights</u>	<u>Chesterfield</u>	<u>Prince George</u>	<u>Dinwiddie</u>	<u>Total</u>
Estimated Share of Plant Flow	62.159%	18.820%	8.487%	3.954%	6.580%	100.000%
Estimated Share of Operations & Maintenance	\$ 4,624,290.86	\$ 1,400,098.44	\$ 631,396.90	\$ 294,128.58	\$ 489,522.39	\$ 7,439,437.17
Share of Plant Capacity (%)	52.50%	20.00%	10.00%	7.50%	10.00%	100.00%
Share of Equipment Replacement Reserve Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserve Policy - (50% O&M)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Reserve Account	\$ 1,312,500.00	\$ 500,000.00	\$ 250,000.00	\$ 187,500.00	\$ 250,000.00	\$ 2,500,000.00
Share of Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Amount	\$ 494,732.57	\$ 158,341.54	\$ 73,449.74	\$ 40,135.71	\$ 61,626.87	\$ 828,286.43
Annual Total	\$ 5,936,790.86	\$ 1,900,098.44	\$ 881,396.90	\$ 481,628.58	\$ 739,522.39	\$ 9,939,437.17
Electrical Credit						\$ -
Miscellaneous Revenue - PROPOSE THIS REVENUE IS DEPOSITED TO A CAPITAL RESERVE FUND						\$ -
<u>Total Budget</u>						<u>\$ 9,939,437.17</u>

Budget Comparison

	FY24/25 Budget	FY23/24 Budget	FY24/25 - FY23/24	
Locality	Revenue	Revenue	Difference	
City of Petersburg	\$ 5,936,791	\$ 5,654,257	\$ 282,534	5.00%
City of Colonial Heights	\$ 1,900,098	\$ 1,721,809	\$ 178,290	10.35%
Chesterfield County	\$ 881,397	\$ 829,209	\$ 52,188	6.29%
Prince George County	\$ 481,629	\$ 547,499	\$ (65,870)	-12.03%
Dinwiddie County	\$ 739,522	\$ 828,625	\$ (89,102)	-10.75%
Sub-totals	\$ 9,939,437	\$ 9,581,397	\$ 358,040	-0.228%
Total Budget	\$ 9,939,437.17	\$ 9,581,397.50	\$ 358,039.68	

50% Reserve Policy:

Reserve Policy Calculation

SCWWA O&M Budget	O&M Reserves on June 30, 2022	Recommended 50% O&M Reserves	Charges required to achieve 50% reserves	Annual Charge
\$7,439,437	\$3,916,414.45	\$3,719,718.59	-\$196,695.86	0

South Central Wastewater Authority
Operating Capital Outlay - 57000
FY24/25

Acct#	Budget 23/24	Proposed Budget 24/25	INFORMATIONAL & PLANNING									
			25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
57010 - Machinery & Equipment	\$ 65,000	\$ 86,000	\$ 100,000	\$ 14,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
57020 - Instrumentation	\$ 10,000	\$ 63,000	\$ 302,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
57030 - SCADA	\$ 85,000	\$ 28,000	\$ 191,750	\$ -	\$ -	\$ 12,750	\$ -	\$ 20,000	\$ -	\$ 29,500	\$ -	\$ -
57040 - Computer Hardware & Software	\$ 15,000	\$ 50,250	\$ 5,500	\$ 10,800	\$ 31,000	\$ 31,400	\$ 6,720	\$ 7,000	\$ 76,978	\$ 39,800	\$ 8,200	\$ -
57050 - Motor Vehicles	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 45,000	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ 95,000	\$ -
57055 - Equipment	\$ -	\$ 15,000	\$ 90,000	\$ 75,000	\$ 175,000	\$ -	\$ -	\$ 7,500	\$ 100,000	\$ 70,000	\$ 40,000	\$ -
57060 - Construction	\$ -	\$ -	\$ -	\$ 750,000	\$ 1,700,000	\$ 500,000	\$ 1,600,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 25,000,000	\$ -
57080 - Fixtures and Furniture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ 175,000	\$ 242,250	\$ 689,250	\$ 849,800	\$ 1,976,000	\$ 589,150	\$ 1,656,720	\$ 1,034,500	\$ 1,176,978	\$ 1,189,300	\$ 25,143,200	\$ -

NOTE: FY 22/23 OPERATING CAPITAL OUTLAY TO BE APPROVED WITH BUDGET

South Central Wastewater Authority
Capital Budget
FY24/25

ITEM	Estimate	Budget 23/24	Proposed Budget 24/25	INFORMATIONAL & PLANNING									
				25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
Nutrient Upgrade - Engineering (See Note 1.)	\$ 3,070,384	\$ 1,535,192	\$ -										
Nutrient Upgrade - Bond (See Notes 2. and 3.)	\$ 35,000,000	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	
Capital Reserve Account (See Notes 4. and 5.)		\$ 2,500,000	\$ 2,500,000										
Totals		\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	

NOTE:

1. The purchase order has been issued for the Nutrient Upgrade - Engineering. This amount is funded and only illustrated for informational purposes. That is the reason it is not included in the "Totals"
2. Bond Funding will be required for the Proposed Nutrient Upgrade Project. Debt service for the local share portion of the Nutrient upgrade was estimated at \$35 million over 20 years at 3%.
3. The \$35 million is the proposed local share for the Nutrient project. The estimated total project cost including the local share is \$107.7 million.
4. Nutrient Upgrade - Engineering for FY2021 and FY2022 is funded through the Capital Reserve Account as approved at the September 2020 Board meeting
5. The Capital Reserve Account that is currently funding engineering for the Nutrient Project will end in FY21/22. The Nutrient Upgrade - Bond will be used to fund the local share debt service for the Nutrient Project.

Total Operating Capital Outlay and Construction Budget											
23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
\$ 2,675,000	\$ 2,742,250	\$ 3,189,250	\$ 3,349,800	\$ 4,476,000	\$ 3,089,150	\$ 4,156,720	\$ 3,534,500	\$ 3,676,978	\$ 3,689,300	\$ 27,643,200	

South Central Wastewater Authority
Nutrient Credit Purchase - Acct # 58100
FY24/25

Acct# 58100 ITEM	Budget 23/24	Proposed Budget 24/25	INFORMATIONAL & PLANNING									
			25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	
Contract + contingency	\$ 187,500	\$ 187,500	\$ 205,250	\$ 289,625	\$ 305,783	\$ 319,302	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NOTE: FY 22/23 TO BE APPROVED WITH BUDGET

SCWWA Budget comparisons

Year	(1)		Operating Capital		(2)		(3)		Total	Difference	% change	Comments
	O&M Expenses		Outlay	Nutrients	Debt Service	Reserve policy	ERRF					
23/24	\$ 6,718,897.50	\$	175,000.00	\$ 187,500.00	\$ 2,500,000.00	\$ -	\$ -	\$ 9,581,397.50				
24/25	\$ 7,009,687.17	\$	242,250.00	\$ 187,500.00	\$ 2,500,000.00	\$ -	\$ -	\$ 9,939,437.17	\$ 358,039.68	4%		
25/26	\$ 7,380,977.79	\$	689,250.00	\$ 205,250.00	\$ 2,500,000.00	\$ -	\$ -	\$ 10,775,477.79	\$ 836,040.62	8%	added maint sup and mechanic + benefits	
26/27	\$ 7,602,407.12	\$	849,800.00	\$ 289,625.00	\$ 2,500,000.00	\$ -	\$ -	\$ 11,241,832.12	\$ 466,354.33	4%		
27/28	\$ 7,830,479.33	\$	1,976,000.00	\$ 305,783.00	\$ 2,500,000.00	\$ -	\$ -	\$ 12,612,262.33	\$ 1,370,430.21	12%	should be last year purchasing credits	
28/29	\$ 8,065,393.71	\$	589,150.00	\$ -	\$ 2,500,000.00	\$ -	\$ -	\$ 11,154,543.71	\$ (1,457,718.62)	-12%		

Notes:

- (1) Annual increase in operating expenses 3%
- (2) Debt Service stays constant. Projections assume bond payments start in FY23 (shown in red)
- (3) Equipment Replacement and Reserve Fund (currently fully funded at >\$2,500,000)

SCWWA Projected Annual Cost

5 year projeceted annual cost per Participating Jurisdiction

	Dinwiddie	Prince George	Colonial Heights	Chesterfield	Petersburg	total
5 year aver flows	6.580%	3.954%	18.820%	8.487%	62.159%	100.000%
Allocation	10.000%	7.500%	20.000%	10.000%	52.500%	100.000%
FY 24/25	\$ 739,522	\$ 481,629	\$ 1,900,098	\$ 881,397	\$ 5,936,791	\$ 9,939,437
FY 25/26	\$ 794,535	\$ 514,683	\$ 2,057,441	\$ 952,353	\$ 6,456,467	\$ 10,775,478
FY 26/27	\$ 825,221	\$ 533,121	\$ 2,145,209	\$ 991,933	\$ 6,746,348	\$ 11,241,832
FY 27/28	\$ 915,397	\$ 587,302	\$ 2,403,123	\$ 1,108,244	\$ 7,598,196	\$ 12,612,262
FY 28/29	\$ 819,478	\$ 529,670	\$ 2,128,781	\$ 984,525	\$ 6,692,091	\$ 11,154,544

Note: Budget % based on two year average flows (FY21/22 to FY22/23)

Attachment 3

South Central Wastewater Authority Annual Wastewater Flows (Percent)

<u>Fiscal Year</u>	<u>Dinwiddie</u>	<u>Prince George</u>	<u>Colonial Heights</u>	<u>Chesterfield</u>	<u>Petersburg</u>	<u>Total</u>
1997	8.097%	5.135%	23.988%	7.430%	55.350%	100.000%
1998	9.000%	5.000%	29.500%	7.500%	49.000%	100.000%
1999	8.290%	4.727%	31.136%	6.727%	49.120%	100.000%
2000	7.630%	5.370%	31.220%	6.170%	49.610%	100.000%
2001	8.393%	5.477%	27.514%	6.725%	51.891%	100.000%
2002	10.018%	5.693%	29.702%	7.307%	47.280%	100.000%
2003	8.921%	5.867%	20.412%	7.943%	56.858%	100.000%
2004	8.903%	6.874%	23.464%	8.262%	52.497%	100.000%
2005	8.976%	7.570%	22.074%	8.658%	52.722%	100.000% using corrected amounts
2006	9.807%	6.664%	26.718%	7.691%	49.119%	100.000% using corrected amounts
2007	9.304%	6.752%	28.160%	7.266%	48.519%	100.000% using corrected amounts
2008	8.304%	6.593%	25.245%	7.287%	52.572%	100.000% for CH using SCWWA - 15.35%
2009	9.632%	6.914%	20.066%	9.097%	54.291%	100.000%
2010	9.362%	6.856%	22.151%	8.050%	53.581%	100.000%
2011	8.532%	5.458%	20.484%	9.019%	56.507%	100.000%
2012	7.666%	6.040%	20.743%	8.881%	56.670%	100.000%
2013	7.924%	6.902%	21.982%	9.450%	53.742%	100.000%
2014	8.082%	7.125%	21.557%	8.594%	54.642%	100.000%
2015	8.200%	7.426%	20.041%	8.783%	55.550%	100.000%
2016	8.831%	6.478%	19.535%	7.307%	57.849%	100.000%
2017	9.244%	6.831%	18.103%	8.514%	57.308%	100.000%
2018	8.000%	6.161%	15.260%	7.813%	62.766%	100.000%
2019	8.481%	4.755%	17.458%	8.217%	61.089%	100.000%
2020	9.574%	6.821%	18.603%	8.128%	56.873%	100.000%
2021	8.072%	3.694%	16.424%	8.339%	63.471%	100.000%
2022	6.728%	3.988%	18.523%	8.399%	62.362%	100.000%
2023	6.432%	3.920%	19.116%	8.576%	61.957%	100.000%

5 Year Averages (%)

<u>Fiscal Year</u>	<u>Dinwiddie</u>	<u>Prince George</u>	<u>Colonial Heights</u>	<u>Chesterfield</u>	<u>Petersburg</u>	<u>Total</u>		
5 Years - FY2011	9.205%	6.899%	24.453%	8.000%	51.444%	100.000%	FY05-09	FY11 Budget
5 Years - FY2012	9.282%	6.756%	24.468%	7.878%	51.616%	100.000%	FY06-10	FY12 Budget
5 Years - FY2013	9.027%	6.515%	23.221%	8.144%	53.094%	100.000%	FY07-11	FY13 Budget
5 Years - FY2014	8.699%	6.372%	21.738%	8.467%	54.724%	100.000%	FY08-12	FY14 Budget
5 Years - FY2015	8.623%	6.434%	21.085%	8.899%	54.958%	100.000%	FY09-13	FY15 Budget
5 Years - FY2016	8.313%	6.476%	21.384%	8.799%	55.029%	100.000%	FY10-14	FY16 Budget
5 Years - FY2017	8.081%	6.590%	20.961%	8.945%	55.422%	100.000%	FY 11-15	FY17 Budget
5 Years - FY2018	8.141%	6.794%	20.772%	8.603%	55.691%	100.000%	FY 12-16	FY18 Budget
5 Years - FY2019	8.456%	6.952%	20.244%	8.530%	55.819%	100.000%	FY 13-17	FY19 Budget
5 Years - FY2020	8.471%	6.804%	18.899%	8.202%	57.623%	100.000%	FY14-18	FY20 Budget
5 Years - FY2021	8.551%	6.330%	18.079%	8.127%	58.913%	100.000%	FY15-19	FY21 Budget
5 Years - FY2022	8.826%	6.209%	17.792%	7.996%	59.177%	100.000%	FY16-20	FY22 Budget
5 Years - FY2023	8.674%	5.652%	17.170%	8.202%	60.301%	100.000%	FY17-21	FY23 Budget
5 Years - FY2024	8.171%	5.084%	17.254%	8.179%	61.312%	100.000%	FY18-22	FY24 Budget
5 Years - FY2025	7.857%	4.635%	18.025%	8.332%	61.150%	100.000%	FY19-23	FY25 Budget
2 Years - FY2025	6.580%	3.954%	18.820%	8.487%	62.159%	100.000%	FY22-23	FY25 Budget

**South Central Wastewater Authority
Annual Wastewater Flows (Gallons)**

Fiscal Year	Dinwiddie	Prince George	Colonial Heights	Chesterfield	Petersburg	All Members (Influent)
2001	349,874,399	241,259,820	1,144,464,656	282,925,900	2,183,640,780	4,202,165,555
2002	320,159,029	181,925,085	949,232,489	233,530,000	1,576,625,457	3,261,472,060
2003	435,570,109	286,440,091	996,579,709	387,788,550	2,776,057,414	4,882,435,873
2004	416,865,070	321,881,778	1,098,673,638	386,877,600	2,458,169,782	4,682,467,868
2005	406,229,232	342,617,496	888,460,844	391,843,100	2,386,122,632	4,415,273,304
2006	360,615,600	245,056,098	807,117,070	282,821,000	1,806,133,988	3,501,743,756
2007	444,695,678	322,709,107	802,204,025	347,289,000	2,318,996,236	4,235,894,046
2008	321,792,803	255,487,738	978,330,940	282,376,000	2,037,317,778	3,875,305,259
2009	382,243,199	274,374,249	796,301,397	360,994,000	2,154,441,182	3,968,354,027
2010	427,901,921	313,362,129	1,012,459,436	367,930,000	2,449,040,032	4,570,693,518
2011	306,200,400	195,890,091	735,111,338	323,670,000	2,027,920,962	3,588,792,791
2012	321,554,932	253,335,611	870,049,479	372,497,000	2,376,965,055	4,194,402,077
2013	322,034,447	280,488,928	893,402,368	384,062,000	2,184,173,559	4,064,161,302
2014	336,988,203	297,071,547	898,869,772	358,349,000	2,278,398,245	4,169,676,767
2015	325,466,817	294,716,406	795,395,335	348,582,000	2,204,748,895	3,968,909,453
2016	422,853,788	310,190,250	935,365,925	349,866,000	2,769,981,640	4,788,257,603
2017	381,334,938	281,819,707	746,811,002	351,246,000	2,364,205,210	4,125,416,856
2018	392,965,994	302,640,572	749,592,525	383,792,000	3,083,198,738	4,912,189,829
2019	446,856,433	250,569,530	919,905,058	432,973,000	3,218,896,987	5,269,201,007
2020	375,334,670	267,393,542	729,281,921	318,643,000	2,229,548,942	3,920,202,075
2021	478,629,234	219,003,179	973,849,911	494,466,000	3,763,369,761	5,929,318,085
2022	291,731,110	172,904,630	803,152,839	364,162,000	2,703,926,232	4,335,876,811
2023	253,576,987	154,526,620	753,666,057	338,089,000	2,442,635,548	3,942,494,212

South Central Wastewater Authority Average Daily Wastewater Flows (MGD)						
Fiscal Year	Dinwiddie	Prince George	Colonial Heights	Chesterfield	Petersburg	SCWWA FY mgd Ave (Influent)
2001	0.959	0.661	3.136	0.775	5.983	11.513
2002	0.877	0.498	2.601	0.640	4.320	8.936
2003	1.193	0.785	2.730	1.062	7.606	13.377
2004	1.142	0.882	3.010	1.060	6.735	12.829
2005	1.113	0.939	2.434	1.074	6.537	12.097
2006	0.988	0.671	2.211	0.775	4.948	9.594
2007	1.218	0.884	2.198	0.951	6.353	11.605
2008	0.882	0.700	2.680	0.774	5.582	10.617
2009	1.047	0.752	2.182	0.989	5.903	10.872
2010	1.172	0.859	2.774	1.008	6.710	12.522
2011	0.839	0.537	2.014	0.887	5.556	9.832
2012	0.881	0.694	2.384	1.021	6.512	11.492
2013	0.882	0.768	2.448	1.052	5.984	11.135
2014	0.923	0.814	2.463	0.982	6.242	11.424
2015	0.892	0.807	2.179	0.955	6.040	10.874
2016	1.159	0.850	2.563	0.959	7.589	13.119
2017	1.045	0.772	2.046	0.962	6.477	11.303
2018	1.077	0.829	2.054	1.051	8.447	13.458
2019	1.224	0.686	2.520	1.186	8.819	14.436
2020	1.028	0.733	1.998	0.873	6.108	10.740
2021	1.311	0.600	2.668	1.355	10.311	16.245
2022	0.799	0.474	2.200	0.998	7.408	11.879
2023	0.695	0.423	2.065	0.926	6.692	10.801
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						

NEWS RELEASE

BUREAU OF LABOR STATISTICS

U. S. D E P A R T M E N T O F L A B O R



Transmission of material in this release is embargoed until
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USDL-23-2314

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EMPLOYMENT COST INDEX – SEPTEMBER 2023

Compensation costs for civilian workers increased 1.1 percent, seasonally adjusted, for the 3-month period ending in September 2023, the U.S. Bureau of Labor Statistics reported today. **Wages and salaries** increased 1.2 percent and **benefit costs** increased 0.9 percent from June 2023. (See chart 1 and tables A, 1, 2, and 3.)

Chart 1. Three-month percent change, seasonally adjusted, civilian workers, total compensation

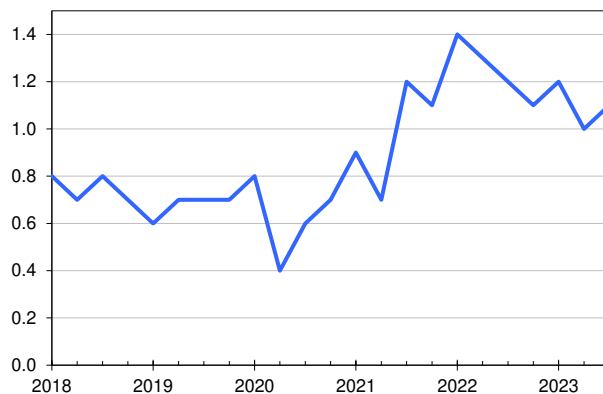
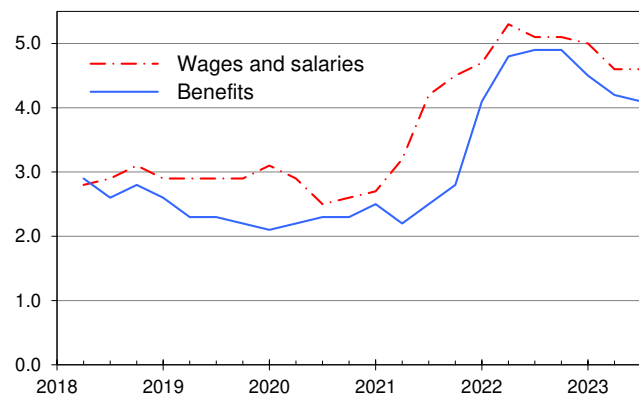


Chart 2. Twelve-month percent change, not seasonally adjusted, civilian workers



Compensation costs for civilian workers increased 4.3 percent for the 12-month period ending in September 2023 and increased 5.0 percent in September 2022. **Wages and salaries** increased 4.6 percent for the 12-month period ending in September 2023 and increased 5.1 percent for the 12-month period ending in September 2022. **Benefit costs** increased 4.1 percent over the year and increased 4.9 percent for the 12-month period ending in September 2022. (See chart 2 and tables A, 4, 8, and 12.)

Compensation costs for private industry workers increased 4.3 percent over the year. In September 2022, the increase was 5.2 percent. **Wages and salaries** increased 4.5 percent for the 12-month period ending in September 2023 and increased 5.2 percent in September 2022. The cost of **benefits** increased 3.9 percent for the 12-month period ending in September 2023 and increased 5.0 percent in September 2022. Inflation-adjusted (constant dollar) compensation costs for private industry increased 0.6 percent for the 12-month period ending in September 2023. Inflation-adjusted wages and salaries increased 0.8 percent for the 12 months ending September 2023. Inflation-adjusted benefit costs in the private sector increased 0.2 percent over that same period. (See charts 3, 4, and tables A, 5, 9, and 12.)

Chart 3. Twelve-month percent change, current dollar, private industry workers

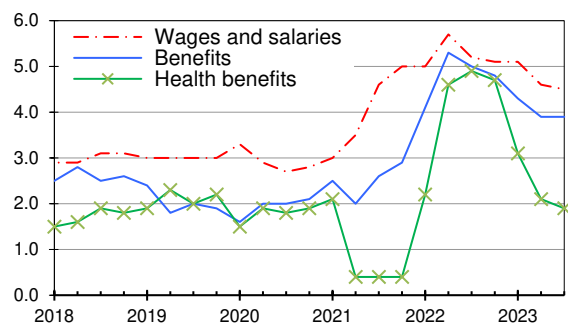
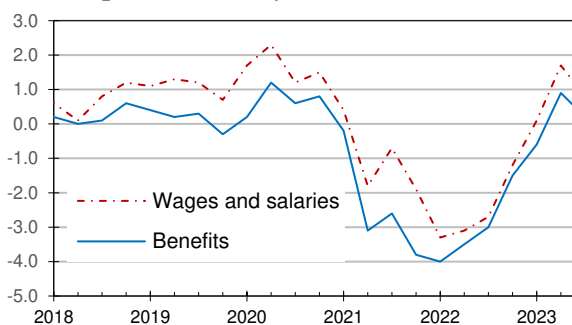


Chart 4. Twelve-month percent change, constant dollar, private industry workers



Among private industry **occupational groups**, compensation cost increases for the 12-month period ending in September 2023 ranged from 3.9 percent for production, transportation, and material moving occupations to 4.5 percent for service occupations. Within **industry supersectors**, compensation cost increases ranged from 3.7 percent for manufacturing to 4.9 percent for both education and health services and for other services, except public administration. (See table 5.)

Compensation costs for state and local government workers increased 4.8 percent for the 12-month period ending in September 2023, compared with an increase of 4.6 percent in September 2022. **Wages and salaries** increased 4.8 percent for the 12-month period ending in September 2023 and increased 4.4 percent a year ago. **Benefit costs** increased 4.7 percent for the 12-month period ending in September 2023. The prior year increase was 5.0 percent. (See chart 5 and tables A, 7, 11, and 12.)

Chart 5. Twelve-month percent change, not seasonally adjusted, state and local government workers

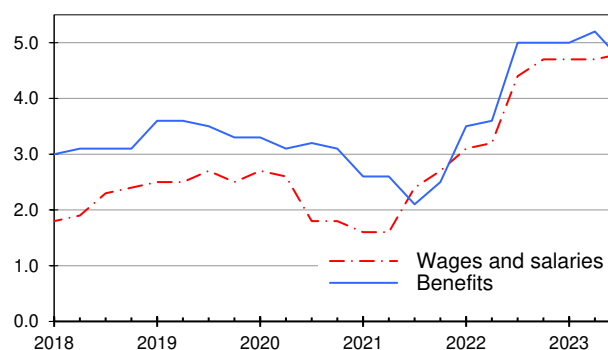


Table A. Major series of the Employment Cost Index
[Percent change]

Category	3-month, seasonally adjusted		12-month, not seasonally adjusted, current dollar			12-month, not seasonally adjusted, constant dollar		
	Jun. 2023	Sep. 2023	Sep. 2022	Jun. 2023	Sep. 2023	Sep. 2022	Jun. 2023	Sep. 2023
Civilian workers¹								
Compensation ²	1.0	1.1	5.0	4.5	4.3	-2.9	1.6	0.6
Wages and salaries.....	1.0	1.2	5.1	4.6	4.6	-3.0	1.7	0.9
Benefits.....	0.9	0.9	4.9	4.2	4.1	-3.0	1.2	0.4
Private industry								
Compensation ²	1.0	1.0	5.2	4.5	4.3	-2.8	1.5	0.6
Wages and salaries.....	1.0	1.1	5.2	4.6	4.5	-2.7	1.7	0.8
Benefits.....	0.9	0.8	5.0	3.9	3.9	-3.0	0.9	0.2
Health benefits.....	—	—	4.9	2.1	1.9	—	—	—
State and local government								
Compensation ²	1.0	1.5	4.6	4.9	4.8	-3.3	1.9	1.0
Wages and salaries.....	0.8	1.8	4.4	4.7	4.8	-3.5	1.7	1.0
Benefits.....	1.0	1.2	5.0	5.2	4.7	-3.0	2.1	1.0

¹ Includes private industry and state and local government.

² Includes wages and salaries and benefits.

Note: All estimates in the table can be found in the public database at www.bls.gov/eci/data.htm. Dashes indicate data not available.

RESOLUTION

OF THE SOUTH CENTRAL WASTEWATER AUTHORITY

PROVIDING PRELIMINARY APPROVAL OF THE

BUDGET FOR FISCAL YEAR 2025 AND

THE RELATED WHOLESALE WASTEWATER SERVICE

PAYMENT SCHEDULE

WHEREAS, in the fall and winter of 2023 and 2024 the staff of the South Central Wastewater Authority (the "Authority") developed the Authority's proposed budget and wholesale wastewater service payment schedule for Fiscal Year 2025 and has presented the proposed budget and payment schedule to the Authority Board at this meeting held on January 18, 2024; and

WHEREAS, Virginia Code Section 15.2-5136(G) requires an authority to hold a public hearing on the fixing of any rates, fees and charges following the preliminary approval of such rates, fees and charges;

NOW, THEREFORE, BE IT RESOLVED that the Board of the South Central Wastewater Authority hereby (a) provides preliminary approval of (i) the proposed Fiscal Year 2025 budget submitted as an attachment to this resolution and (ii) the proposed wholesale wastewater service payment schedule for Fiscal Year 2025 as set forth below, (b) schedules a public hearing on the proposed Fiscal Year 2025 budget and wholesale wastewater service payment schedule at the Authority's next scheduled Board meeting on March 21, 2024, and (c) directs Authority staff to provide for the publication of the notices of such public hearing in accordance with Virginia Code Section 15.2-5136(G):

	FY2025 WHOLESALE WASTEWATER SERVICE PAYMENTS
City of Petersburg	\$5,861,731.44
City of Colonial Heights	1,840,966.59
Chesterfield County	869,838.14
Prince George County	532,349.43
Dinwiddie County	834,551.58
TOTAL	\$9,939,437.17

BE IT FURTHER RESOLVED that the Authority Board acknowledges that pursuant to the wastewater service agreement in effect between the Authority and each of its five member jurisdictions, the wholesale wastewater service payment schedule is subject to change during or after Fiscal Year 2025 based on, among other things, each member jurisdiction's actual use of the Authority's wastewater treatment facilities and the actual amount of revenues received and expenses incurred by the Authority during Fiscal Year 2025.



900 Magazine Rd.
Petersburg, VA 23803
Office: (804) 861-0111
Fax: (804) 861-3254

Exhibit D

TO: South Central Wastewater Authority Board of Directors

FROM: Robert B. Wilson, Executive Director
James C. Gordon, Assistant Executive Director

DATE: January 18, 2024

SUBJECT: Nutrient Reduction Project Update

The following tasks have been performed since the November 16th board meeting:

- Staff continue to work with the vendor supplying the lime conveyance and mixing equipment. Submittals have been approved by the engineers and are ready for production.
- Engineers continue coordinating with Dominion Energy for the design to provide two new electrical services onsite. Dominion has the load letters for the services and will proceed with designing the system.
- A design meeting was held on December 13th. This discussion was to review the 90% design drawings for Phase 2. Phase 2 is installing a new power service adjacent to headworks with a new generator and a new service at back of the plant with a new generator. This is necessary because the existing duct bank feeding headworks will be removed with the installation of the South Tank. It also removes all the new deep duct banks for the back of the plant – more economical with a new service and generator.
- Conduit and fiber optic have been installed to create a new fiber ring. Staff will be terminated the fiber and bringing the new ring online. The current fiber communications will be removed during construction.
- Engineers have provided a revised phasing schedule for the NRP. This schedule was revised to bid all projects by the end of the 2024 calendar year. American Rescue Plan Act (ARPA) funds must be allocated by the end of 2024. Attachment D1 is the latest phasing schedule.
- On December 26, 2023, staff received an email from DEQ with a letter notifying SCWWA that the Authority received an additional ARPA grant authorization of \$19,184,859. This brings the total ARPA grant for the SCWWA to \$35,614,859 for ENRCPP-05 grant. Attachment D2 is a copy of the grant authorization letter.
- Bid advertisement for Phase 2 for the Electrical feed and distribution was advertised on January 7th in the Richmond Times Dispatch. This was also posted to the Authority website and the eVA website. A pre-bid meeting is scheduled for January 25th and the bid opening is scheduled for February 22nd. Attachment D3 is a copy of the advertisement.

- Staff met with DEQ's Mike Crocker on January 4th to discuss ARPA and WQIF funding. Staff has developed a proposal on how to spend and track the different funding sources. This was sent to DEQ's Karen Doran.
- Attachment D4 is the updated expenditure analysis for the NRP.

Board Action Requested:

No Board action requested.

**South Central Wastewater Authority
NRP Estimated Early Start 2024 Schedule
WWA Project No. 223004 / 223005**

Phases and Projects																																																															
YEAR MONTH	2023			2024												2025												2026												2027												2028											
	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1-Sludge Conditioning Imp		OCT '23												DEC '25																																																	
Solids																																																															
PHASE 2 - Electrical Imp		JAN '24												JAN '26																																																	
Electrical Switch Gear																																																															
PHASE 4 Imp		FEB '24												NOV '25																																																	
Headworks																																																															
Primary Clarifier Scrapers																																																															
PHASE 3 Imp		MAR '24												AUG '26																																																	
Intermediate Pump Station																																																															
Tertiary Filters																																																															
RAS Pump Station																																																															
Clarifier 5																																																															
Site Piping																																																															
Clarifier Rehab																																																															
PHASE 6		AUG '24												OCT '27																																																	
Alum																																																															
Caustic Soda																																																															
Hypochlorite																																																															
MicroC																																																															
Chlorine Tank Aeration																																																															
Polymer																																																															
PHASE 5 (includes Bardenpho Tank)		SEP '24												NOV '27																																																	
North Tank and South Tank																																																															
Site Piping																																																															
Blowers																																																															
Headworks Building																																																															
Caustic																																																															
PHASE 7		OCT '24												SEP '26																																																	
Admin/Control Building																																																															
Lab Building																																																															
Maintenance Building																																																															
Blower Building																																																															



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

1111 E. Main Street, Suite 1400, Richmond, Virginia 23219

P.O. Box 1105, Richmond, Virginia 23218

(800) 592-5482

www.deq.virginia.gov

Travis A. Voyles
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director
(804) 698-4020

December 26, 2023

Mr. Robert Wilson
South Central Wastewater Authority
900 Magazine Road
Petersburg, Virginia 23803
rwilson@arwava.org

Re: American Rescue Plan Act (ARPA)
Enhanced Nutrient Removal Certainty, Pound, Petersburg (ENRCPP) Program
South Central Wastewater Authority (SCWWA) – Project #ENRCPP-05
SCWWA Nutrient Reduction Project
Additional Funding Authorization

Dear Mr. Wilson:

I am pleased to inform you that the Director of DEQ authorized additional funds for the referenced ARPA ENRCPP Program project which were appropriated during Virginia General Assembly's 2023 Special Session I. The authorization is contingent upon SCWWA's compliance with federal and state laws governing ARPA funds and with ARPA ENRCPP program requirements. The additional grant amount authorized for SCWWA is **\$19,184,859** bringing the total grant amount to **\$35,614,859**.

Please note the identifier number as referenced **ENRCPP-05** is the ARPA number assigned to your grant project. This number should be used on all correspondence and documents associated with the project. The Project Manager (PM) assigned to your project is Joe Battiatà located in the DEQ Central Office and he can be reached at (804) 929-4157 or joseph.battiat@deq.virginia.gov. The Project Officer (PO) assigned to your project is Darian Morgan located in the DEQ Northern Regional Office and he can be reached at (804) 658-6059 or darian.morgan@deq.virginia.gov.

We look forward to working with you on this project. Please do not hesitate to contact me at (804) 836-5912 or karen.doran@deq.virginia.gov if you have any questions or need assistance.

Sincerely,

A handwritten signature in cursive script that reads "Karen M. Doran".

Karen M. Doran, Program Manager
Clean Water Financing & Assistance Program

cc: Joe Battiatà – DEQ/CO – Project Manager
Darian Morgan – DEQ/NRO – Project Officer

ADVERTISEMENT FOR BIDS

South Central Wastewater Authority
Nutrient Reduction Project – PHASE 2
ELECTRICAL IMPROVEMENTS
Petersburg, Virginia

Bids on the referenced project will be received in the Office of the South Central Wastewater Authority (“Authority”), 900 Magazine Road, Petersburg, Virginia 23803 until 2:00 P.M., local prevailing time, Thursday, February 22, 2024, and then publicly opened. Bids may be withdrawn using the procedure set forth in Virginia Code §2.2-4330. The Authority will award the contract on a lump sum bid basis.

The project will consist of construction including: ▪ Two electrical switchboards ▪ Installation of two electrical generator sets (1.5 MW and 2.0 MW; Owner furnished) ▪ Electrical buildings EB 1 and EB 3 ▪ Waste soil removal ▪ Sitework ▪ Incidental related work.

Bid documents consisting of project manual and drawings are open to the public for inspection at the following locations: ▪ Owner: South Central Wastewater Authority, 900 Magazine Road, Petersburg, VA 23803 ▪ Engineer: WW Associates, Inc., 1499 Crossings Centre Drive, Suite B, Forest, VA 24551, 434-316-6080 ▪ WW Associates, Inc., 968 Olympia Drive, Suite 1, Charlottesville, VA 22911 ▪ Dodge Construction Network, www.construction.com/products/dodge-planroom.

A non-mandatory pre-bid meeting will be held at 10:00 AM, local prevailing time, Thursday, January 25, 2024, at South Central Wastewater Authority.

Bid documents in Adobe Acrobat (PDF) format may be obtained at no charge from WW Associates, Inc., telephone 434-316-6080. Bidder must provide contact person’s name, email, business address and telephone number to receive bid documents.

Bid Security: Bids shall be accompanied by a certified check or an acceptable bid bond in the amount of 5 percent of the base bid. Bidders must be licensed as Contractors in the Commonwealth of Virginia in accordance with Title 54.1, Chapter 11 of the Code of Virginia (1950) as amended.

MBE/WBE firms are encouraged to submit bids. Bidders must comply with the following: the President’s Executive Order # 11246 prohibiting discrimination in employment regarding race, color, creed, sex, or national origin; the President’s Executive Orders # 12138 and 11625 regarding utilization of MBE/WBE firms; the Civil Rights Act of 1964, the Davis-Bacon Act, and Section 436 of P. L. 113-76, American Iron and Steel. Bidders must certify that they do not or will not maintain or provide for their employees any facilities that are segregated on the basis of race, color, creed, or national origin.

Mr. Robert B. Wilson, P.E., Executive Director
South Central Wastewater Authority
900 Magazine Road, Petersburg, VA 23803

Attachment D4

Vendor	PO #	Original Amount	YTD Expenditures	Remaining
WW Associates	5975	\$ 3,650,000.00	\$ 521,500.00	\$ 3,128,500.00
WW Associates	6095	\$ 495,000.00	\$ 30,750.00	\$ 464,250.00
Hazen & Sawyer	5376	\$ 3,316,735.00	\$ 3,304,369.00	\$ 12,366.00
Hazen & Sawyer	5845	\$ 656,420.46	\$ 656,420.46	\$ -
Endress+Hauser	5679	\$ 3,086.38	\$ 3,037.77	\$ 48.61
Endress+Hauser	5914	\$ 52,697.77	\$ 51,802.03	\$ 895.74
Schwing Bioset	5723	\$ 999,004.00	\$ 409,564.00	\$ 589,440.00
Alfa Laval	5734	\$ 946,714.00	\$ 899,378.30	\$ 47,335.70
Electric Power Systems	5947	\$ 3,600.00	\$ 2,400.00	\$ 1,200.00
McGuireWoods Consulting	5906	\$ 20,000.00	\$ 20,000.00	\$ -
Sherwood Logan	5725	\$ 83,683.00	\$ 83,683.00	\$ -
WW Associates	5997	\$ 275,000.00	\$ 165,000.00	\$ 110,000.00
WW Associates	5987	\$ 205,000.00	\$ 65,500.00	\$ 139,500.00
A&R Electric	5718	\$ 138,189.00	\$ -	\$ 138,189.00
EAT-N	5793	\$ 143,711.00	\$ -	\$ 143,711.00
WW Associates	6130	\$ 25,000.00	\$ 6,250.00	\$ 18,750.00
A&R Electric	5734	\$ 67,050.00	\$ 67,050.00	\$ -
		\$ 11,080,890.61	\$ 6,286,704.56	\$ 4,794,186.05
Aqualaw PLC	Aqua	\$ -	\$ 18,844.50	\$ -
City of Petersburg	City	\$ -	\$ 2,250.00	\$ -
Comcast Cable	Cable	\$ -	\$ 2,194.64	\$ -
Hazen & Sawyer	Rebid	\$ -	\$ 179,241.68	\$ -
McGuireWoods	Legal	\$ -	\$ 60,361.25	\$ -
WW Associates	ENR	\$ -	\$ 11,485.00	\$ -
WW Associates	WW Eng	\$ -	\$ 450.00	\$ -
		\$ -	\$ 274,827.07	\$ -
		\$ 11,080,890.61	\$ 6,561,531.63	\$ 4,794,186.05



900 Magazine Rd.
Petersburg, VA 23803
Office: (804) 861-0111
Fax: (804) 861-3254

Exhibit E

TO: South Central Wastewater Authority Board of Directors

FROM: Robert B. Wilson, P.E., Executive Director
James C. Gordon, Assistant Executive Director

DATE: January 18, 2024

SUBJECT: Status Report

This report hits the highlights and does not cover the day-to-day maintenance or preventive maintenance summaries.

The following is an update for September and October plant operations. General

- The next Board of Directors Meeting is Thursday, March 21, 2024, at the Appomattox River Water Authority at 2:00 pm.
- Septage revenues were:

Month	Septage (gallons)
November	\$11,146.47
December	\$11,187.62
- SCWWA's annual total nitrogen (TN) waste load allocation (WLA) is 350,239 lbs. TN discharged in 2023 was 376,328 lbs. We have a contract with Chesterfield to purchase 50,000 credits to cover any WLA overage.
- SCWWA's annual total phosphorus (TP) WLA is 28,404 lbs. TP discharged in 2023 was 24,439 lbs.
- Staff met with Petersburg staff and engineers to discuss the Poore Creek pump station and force main improvements on January 5th. As part of the grant process the City of Petersburg will need a flow acceptance letter from SCWWA. The City's consultant was instructed to provide a letter detailing the amount of flow requested. Per the Service Agreement, the cumulative flow from an incorporating subdivision cannot exceed the incorporating subdivision's allocation.
- Chemical bids were opened on January 11th.

➤ Operations

- Plant effluent met all permit requirements for 2024.
- Average daily effluent flows were:

Month	Average Effluent Flow (mgd)	Total Monthly Precipitation (inches)
November	9.147	1.630
December	15.681	8.990

- December has been a very wet month and influent flows to the plant went up to 70+ mgd

for a short duration. Operators have managed the flows and maintained treatment.

- Staff maintained plant treatment during a pH event on December 23rd. the pH went up to almost 12 for several hours. Typical influent is around 7. Staff isolated the flow in an open tank and was able to bleed the high pH wastewater in over time.
- Staff is in the process of hiring 3 new operator trainees to fill vacant positions.

➤ Maintenance

- The gates for aeration tank 2AB were repaired.
- A replacement sodium hypochlorite tank has been ordered. Staff will install once the tank is received.
- Repaired damaged diffuser system in aeration tank 3C.
- Planning entry to repair diffuser system in aeration tank 2C.
- Installing the outdoor WIFI pucks purchased by IT.

➤ IT

- Programmed new WIFI pucks and handed over to maintenance to install.
- Coordinating with maintenance for development and purchase of equipment for remote pH monitoring.
- New computers have been set up for staff.

➤ Laboratory/Industrial Pretreatment

- Pretreatment inspections complete.
- Addressing December 23rd release from BleachTech.
- Internal laboratory audit completed.
- Working on the Industrial Pretreatment Program Annual Report

➤ PB3 and PB5 MCC Replacement

- Variable Frequency Drives (VFDs) have been received.
- Working with Motor Control Center (MCC) manufacturer for cost and availability.

Exhibit F

South Central Wastewater Authority For Month Ending December 31, 2023

Assets

Current Assets

Petty Cash	\$ 500
Wells Fargo Operating Account	\$ 2,623,446
Payments In-Transit To LGIP Fund	\$ (73,062)
Total Unrestricted Cash	<u>\$ 2,550,883</u>

Wells Fargo Reserve	\$ 3,916,414
LGIP-ERRF	\$ 2,710,468
LGIP_Capital Improvements Reserve	\$ 13,545,960
Total Restricted Cash	<u>\$ 20,172,843</u>

Total Checking/Savings	<u>\$ 22,723,726</u>
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Accounts Receivable	\$ 260,119
Additional Accounts Receivable	\$ 132,266
Accounts Receivable-DEQ	\$ 2,764,887
Prepaid Expenses	\$ 56,909

Total Current Assets	<u>\$ 25,937,906</u>
-----------------------------	-----------------------------

Fixed Assets

Sewer System Plant	\$ 33,836,540
Equipment & Vehicles	\$ 2,569,833
Plant Machinery	\$ 7,406,821
Construction in Progress	\$ 5,363,339
Land	\$ 92,968
Accumulated Depreciation	\$ (30,033,313)
Total Fixed Assets	<u>\$ 19,236,188</u>

Other Assets

Inventory	\$ 882,309
Def Out Res-Post ER Pension Con	\$ 115,472
Deferred Outflows-GLI OPEB	\$ 23,647
Deferred Outflows-Pension related	\$ 129,927
Def Out Res-OPEB Assumptions	\$ 5,145
Def Out Res-OPEB Experience	\$ 27,867
Def Out Res-OPEB Contributions	\$ 6,681
Right of Use Lease Assets	\$ 10,643
Accum amort-right of use lease	\$ (5,940)
Total Other Assets	<u>\$ 1,195,751</u>

Total Assets	<u>\$ 46,369,845</u>
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Liabilities & Equity

Current Liabilities

Accounts Payable	\$ 265,324
Total Current Liabilities	<u>\$ 265,324</u>

Other Current Liabilities

Payroll Accruals	\$ 245,790
Health Ins-ARWA	\$ (1,445)
Retainage Payable	\$ -
Accrued interest-GASB87	\$ 11
Accrue for Nutrient Credit Purchases	\$ 93,750
Lease Liability-Current	\$ 3,020
Lease Liability- non-current	\$ 1,799
Refunds Due Member Localities	\$ -
Total Other Current Liabilities	<u>\$ 342,925</u>

Long Term Liabilities

Net OPEB Obligation	\$ 110,561
Net OPEB Liability-GLI	\$ 100,301
Def Infl-OPEB-Chg of Assumption	\$ -
Deferred Inflows-GLI OPEB	\$ 26,636
Def Inf-Chg in Ex and Act	\$ 42,089
Def Inf Res-Net Dif Pension Inv	\$ 13,471
Def Inf Res-Pens Chg Assumption	\$ -
Def Inf Res-Pens Dif Proj/Act E	\$ 173,852
Net Pension Liability	\$ 119,429
Total Long-Term Liabilities	<u>\$ 586,339</u>

Total Liabilities	<u>\$ 1,194,589</u>
--------------------------	----------------------------

Equity

Retained Earnings	\$ 29,005,119
Initial Locality Contribution Cap.	\$ 14,166,822

Net Income	\$ 2,003,316
	\$ 45,175,257

Total Equity

Total Liabilities & Equity	<u>\$ 46,369,845</u>
---------------------------------------	-----------------------------

South Central Wastewater Authority
YTD Income Statement for the period ending December 31, 2023

Wastewater Rate Center

Revenues and Expenses Summary

<i>Budget</i>	<i>Budget</i>	<i>Actual</i>	<i>YTD Budget</i>	<i>Variance</i>
<i>FY 22/23</i>	<i>Year-to-Date</i>	<i>Year-to-Date</i>	<i>vs. Actual</i>	<i>Percentage</i>

Operating Budget vs. Actual

Revenues

Septage/Misc Revenue	\$ -	\$ -	\$ 72,058	\$ 72,058	#DIV/0!
O&M Revenue	\$ 7,081,398	\$ 3,540,699	\$ 3,540,699	\$ 0	0.00%
Capitol Improvements Reserve	\$ 2,500,000	\$ 1,250,000	\$ 1,250,000	\$ (0)	0.00%
ER&RF Revenue	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Total Operating Revenues	\$ 9,581,398	\$ 4,790,699	\$ 4,862,757	\$ 72,058	1.50%

Expenses

Personnel Cost	\$ 3,356,198	\$ 1,678,099	\$ 1,539,825	\$ (138,274)	-8.24%
Contractual/Professional Services	\$ 331,200	\$ 168,100	\$ 68,376	\$ (99,724)	-59.32%
Utilities	\$ 526,500	\$ 263,250	\$ 300,614	\$ 37,364	14.19%
Communication/Postage/Freight	\$ 37,500	\$ 18,750	\$ 18,468	\$ (282)	-1.50%
Office/Lab/Janitorial Supplies	\$ 80,500	\$ 40,250	\$ 47,659	\$ 7,409	18.41%
Insurance	\$ 70,000	\$ 70,000	\$ 74,413	\$ 4,413	6.30%
Lease/Rental Equipment	\$ 11,000	\$ 5,500	\$ 4,439	\$ (1,061)	-19.28%
Travel/Training/Dues	\$ 57,000	\$ 28,500	\$ 24,813	\$ (3,687)	-12.94%
Safety/Uniforms	\$ 49,000	\$ 24,500	\$ 26,414	\$ 1,914	7.81%
Chemicals/Sludge Disposal	\$ 1,650,000	\$ 825,000	\$ 697,426	\$ (127,574)	-15.46%
Repair/Maintenance Parts & Supplies/Purchases	\$ 550,000	\$ 275,000	\$ 153,736	\$ (121,264)	-44.10%
Total Operating Expenses	\$ 6,718,898	\$ 3,396,949	\$ 2,956,183	\$ (440,766)	-12.98%
Operating Suplus/(Deficit)	\$ 2,862,500	\$ 1,393,750	\$ 1,906,574	\$ 512,824	36.79%

Replacement Outlay Budget vs. Actual

Machinery & Equipment	\$ 65,000	\$ 65,000	\$ 37,413	\$ (27,587)	-42.44%
Instrumentation	\$ 10,000	\$ 10,000	\$ 33,478	\$ 23,478	234.78%
SCADA	\$ 85,000	\$ 85,000	\$ 7,342	\$ (77,658)	-91.36%
Computer Equipment	\$ 15,000	\$ 15,000	\$ 17,345	\$ 2,345	15.63%
Motor Vehicles	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Plant Equipment	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Roof Repairs	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Fixtures/Furniture	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Total Replacement Outlay	\$ 175,000	\$ 175,000	\$ 95,578	\$ (79,422)	-45.38%

Nutrient Upgrade Budget vs. Actual

Nutrient Upgrade-Engineering	\$ -	\$ -	\$ 437,722	\$ 437,722	#DIV/0!
Nutrient Upgrade-Equipment	\$ -	\$ -	\$ 804,707	\$ 804,707	#DIV/0!
Nutrient Upgrade-Solids Handling	\$ -	\$ -	\$ 16,604	\$ 16,604	#DIV/0!

Other Income/Expense Budget vs. Actual

Nutrient Credit Purchases (Expense)	\$ 187,500	\$ 93,750	\$ 93,750	\$ -	0.00%
Nutrient Reduction	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Interest-Income	\$ -	\$ -	\$ 447,347	\$ 447,347	#DIV/0!
Gain/Loss on Disposal	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Other Income-Other	\$ -	\$ -	\$ -	\$ -	#DIV/0!
WQIF Reimbursement	\$ -	\$ -	\$ 1,097,756	\$ 1,097,756	#DIV/0!

South Central Wastewater Authority
Executive Review
Cash and Debt Highlights
As of December 31, 2023

Highlights: SCWWA Cash Positions					30-Jun-23	31-Dec-23	Change	Explanation	
Unrestricted Cash & Investments:									
		Petty Cash			\$ 500.00	\$ 500.00	\$ -	On-Hand Petty Cash for incidental expenses	
		Wells Fargo Operating Account			\$ 3,495,567.76	\$ 2,623,445.71	\$ (872,122.05)	Financial Policy: All incoming O & M charges under service agreement	
		Wells Fargo Reserve Account			\$ 3,916,414.45	\$ 3,916,414.45	\$ -	Financial Policy: 50% of Authority's Annual O & M Budget	
		Payments In-Transit to LGIP Fund (Performed Quarterly)			\$ (117,979.42)	\$ (73,062.38)	\$ 44,917.04	Incoming Leachate Revenues-Moved Quarterly to LGIP Account	
Restricted Cash and Investments:									
		LGIP-ERRF			\$ 2,710,467.97	\$ 2,710,467.97	\$ -	Resolution adopted by BOD, January 2018	
		LGIP-Capital Improvement Reserve			\$ 11,865,739.42	\$ 13,545,960.21	\$ 1,680,220.79	Resolution adopted by BOD, January 2018	
Total Cash and Investments					\$ 21,870,710.18	\$ 22,723,725.96	\$ 853,015.78		