



900 Magazine Rd.
Petersburg, VA 23803
Office: (804) 861-0111
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South Central Wastewater Authority Board of Directors Meeting

DATE: January 16, 2020

TIME: 2:00 PM

LOCATION: Appomattox River Water Authority
Board Room, Administration Building
21300 Chesdin Road
South Chesterfield, Virginia 23803

AGENDA

1. Call to Order/Roll Call
2. Approval of Minutes: Minutes of the Board Meeting held on November 14, 2019
3. Public Comment
4. Executive Director's Report
 - Presentation of Proposed FY 2020/21 Operating Budget
 - Status Report: Ongoing Projects/Operations/Financials/Flow/Leachate
5. Items from Counsel
6. Closed Session
7. Other Items from Board Members/Staff Not on Agenda
8. Adjourn

Cc: G. Hayes/S. Morris, Chesterfield
L. Lyons, Petersburg
W. Henley, Colonial Heights
K. Massengill, Dinwiddie County
F. Haltom, Prince George
A. Anderson, McGuire Woods

1. Call to Order/Roll Call

2. Approval of Minutes: Minutes of the Board Meeting held on November 14, 2019

Following for your review and approval are the minutes of the Regular Board Meeting held on November 14, 2019.

Absent any corrections or revisions, we recommend approval of the minutes as submitted.

BOARD OF DIRECTORS MEETING
South Central Wastewater Authority
November 14, 2019 at 2:00 p.m.
Location: South Central Wastewater Authority
900 Magazine Road, Petersburg, VA 23803

MEMBERS PRESENT:

Doug Smith, Chairman (Colonial Heights)
Aretha Ferrell-Benavides, Vice-Chairman (Petersburg)
Robert B. Wilson, (Dinwiddie)
Joseph Casey, (Chesterfield)

ALTERNATES PRESENT:

George Hayes, Secretary/Treasurer (Alternate, Chesterfield)
Kevin Massengill, (Alternate, Dinwiddie)
Frank Haltom, (Alternate, Prince George)
Scott Morris, (Alternate, Chesterfield)

ABSENT:

Percy Ashcraft, (Prince George)
Lionel Lyons, (Alternate, Petersburg)
William Henley, (Alternate, Colonial Heights)

STAFF PRESENT:

Robert C. Wichser, Executive Director, (ARWA & SCWWA)
James C. Gordon, Asst. Executive Director (ARWA & SCWWA)
Arthur Anderson, (McGuire Woods)
Melissa Wilkins, Accounting/HR/Business Manager/FOIA
(ARWA & SCWWA)
Kathy Summerson, Administrative Assistant (SCWWA)

OTHERS PRESENT:

Herb White, (WW Associates)
Chris Tabor, (Hazen and Sawyer)
Ron Taylor, (Hazen and Sawyer)
Steven Nebiker, (Hazen and Sawyer)
Keith Boswell, (VGR)
Mary Martin-Selby, Director of Human Resources (Chesterfield)
Andrew Barnes, (Petersburg)
Justin Gordon, (Citizen)
David Roberts, (Citizen)
Clint Russell, (Citizen)
Daniel Maloney, (Citizen)
Jeremiah Van Zile, (Citizen)
Benjamin Packett, (Robinson, Farmer, Cox Associates)

Mr. Smith, Chairman, called the meeting to order at 3:52 p.m.

1. Call to Order/Roll Call

The roll was called.

2. Approval of Minutes: Minutes of the Regular Meeting of the Board on September 12, 2019

Upon a motion made by Ms. Ferrell-Benavides and seconded by Mr. Haltom the following resolution was adopted:

RESOLVED, that the Minutes of the Regular Meeting of the Board on September 12, 2019 are hereby approved:

For: 5 Against: 0 Abstain: 0

3. Public Comment

There were no Public Comments.

4. Executive Director's Report

• **Annual Financial Report Year Ended June 30, 2019: Robinson, Farmer, Cox Associates**

Ms. Wilkins introduced Benjamin Packett of Robinson, Farmer & Cox Associates who provided a presentation on SCWWA's Annual Financial Accounting Audit. Mr. Packett stated SCWWA received a clean compliance report from VRS, which has been submitted to the Auditor of Public Accountants.

Dr. Casey asked about the line in the income statement, \$1.9 million in abandoned property. Mr. Packett said it was construction in progress that was written off during the year. Dr. Casey said there were no disclosures about that in the report. Dr. Wichser stated this item is related to the original 2008/2009 O'Brien & Gere design work for the proposed nutrient upgrade project that never was implemented. Mr. Gordon stated that SCWWA wrote half of this design cost off a few years ago and have been carrying the remaining since. It was agreed between Staff and the Auditors that the remainder be written off rather than continue carrying this cost. Dr. Wichser stated presently our Trust Engineers are reviewing this design information as they now develop the 2019 Preliminary Engineering Report due for submittal to VA-DEQ with the WQIF application.

Ms. Wilkins stated that she and Mr. Gordon challenged themselves to a task this year with the assistance of the Audit Team. She further stated they went through every asset, and unfortunately, historically both Authorities put things as capital assets that were not tangible. She reported that we reviewed item by item, cleaned up both Authorities throughout the audit process, and stated going forward those items do not exist, which was part of the abandonment of this design work that should never have been sitting in the CIP many years.

Dr. Casey said the only thing he asks for archival purposes is, if it's not in the CAFR, put something in the minutes to reflect disposition of that \$1.9 million.

Upon a motion made by Ms. Ferrell-Benavides and seconded by Mr. Haltom the following resolution was adopted:

RESOLVED, that the financial statements are hereby approved as presented:

For: 5 Against: 0 Abstain: 0

Mr. Gordon stated the true-up was on the Operations and Maintenance side of SCWWA. He further stated we have been sending a quarterly update based on monthly flow numbers received from each member jurisdiction, which are used to calculate the actual O&M percent for each of the members. He stated that percent is used to true-up the cost in the audit report. He further stated according to the report, the SCWWA spent \$586,820.70 less than what we had budgeted for. The true-up calculation shows that four members are due refunds and one member owes additional funds. He stated this refund is typically distributed in January. He further stated, the board can choose how the refunds are distributed. Mr. Smith stated that each entity will let Dr. Wichser know how they want to be refunded.

- **Nutrient Upgrade PER – WQIF Update**

Dr. Wichser introduced Mr. Chris Tabor with Hazen and Sawyer, who gave an update on the nutrient upgrade PER, and stated the final would be in staffs' hands by December 20, 2019. Mr. Tabor further stated if anyone needed to add anything to this before it goes to the Department of Environmental Quality for their review, to please do so. Dr. Casey stated it would be good to summarize what this legislative task is, and put a paragraph together describing what we are doing. He further stated we've had a turnover in some of our representation too, and we may need to get them versed in what this task is.

Mr. Smith asked at what point do we determine the magnitude of what our specific WQIF dollar request will be in this application, and Mr. Tabor stated that on page one of that application there is a breakdown in total sum, which is a holistic aggregate number from the PER. Mr. Smith asked when is the grant submittal, and Dr. Wichser replied before the end of this year. Mr. Smith stated if the Board would give him direction, he would keep everyone informed on how the application is progressing, and if there's a need for a decision, we could schedule a quick meeting. Mr. Tabor stated that he did think a legislative kind of strategy needs to be a part of this going through just due to the criticality of it, and the fact that everyone else is going to be lined up for the WQIF.

- **Proposed 2020 Board Meeting Dates**

Dr. Wichser presented the proposed schedule for 2020 Board of Directors meetings.

Upon a motion made by Ms. Ferrell-Benavides and seconded by Mr. Haltom the following resolution was adopted:

RESOLVED, that the Board approves the proposed schedule of regular meetings dates for 2020 as presented:

For: 5 Against: 0 Abstain: 0

- **Status Report: Status Report: Ongoing Projects/Operation/Financial**

Mr. Gordon reported on Ongoing Projects/Financials.

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**

Mr. Smith read the following motion to appoint Mr. Robert B. Wilson, P.E., as Executive Director of the Appomattox River Water Authority and South Central Wastewater Authority:

I move to appoint Mr. Robert B. Wilson, P.E., as Executive Director of the Appomattox River Water Authority and the South Central Wastewater Authority in accordance with the terms of the Employment Agreement presented to this meeting. This appointment will be effective January 1, 2020. The Chairman is authorized to execute and deliver the Employment Agreement on the Authority's behalf.

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

RESOLVED, that the Board hereby appoints Mr. Robert B. Wilson, P.E., as Executive Director of the Appomattox River Water Authority and the South Central Wastewater Authority in accordance with the terms of the Employment Agreement presented to this meeting. This appointment will be effective January 1, 2020. The Chairman is authorized to execute and deliver the Employment Agreement on the Authority's behalf:

For: 4 Against: 0 Abstain: 1 (Wilson)

Mr. Smith congratulated Dr. Wichser on his retirement and thanked him for his dedication for the past seven plus years with the Authority.

Dr. Casey stated we as an Authority don't actually have a legislative Agenda, but this plant upgrade may warrant that we actually think about defining as an Authority not just pushing it to the local governments. Dr. Wichser stated we will be discussing this item with Chris Pomeroy at AquaLaw and with Preston Bryant of McGuire Woods LLC. He's sure they would assist us related to this project. He stated he would have something written for members and get it to them by the end of next week.

8. **Adjourn**

Mr. Smith stated, if there's no other business, and asked for motion to adjourn.

Upon a motion made by Dr. Casey and seconded by Mr. Haltom the meeting was adjourned at 4:25 p.m.

MINUTES APPROVED BY:

George Hayes
Secretary/Treasurer

RESOLUTION

WHEREAS, in December 2019, Robert Wichser, Ph.D., P.E., BCEE will retire from his position as the Executive Director of the Appomattox River Water Authority and the South Central Wastewater Authority, and;

WHEREAS, Dr. Wichser has served as the Executive Director of the Authorities for over 7 years, and;

WHEREAS, Dr. Wichser has led the Authorities in the successful implementation of numerous capital improvements and in the provision of critically important services to the member jurisdictions; and,

WHEREAS, Dr. Wichser's dedication to the fields of Water Resource Management and Wastewater Treatment is clearly evident, and;

WHEREAS, the Authorities are in a better position today due to Dr. Wichser's leadership throughout the years; and,

WHEREAS, the Boards wish to recognize Dr. Wichser for his years of service and his dedication to both Authorities.

THEREFORE, BE IT RESOLVED, that the Board of the Appomattox River Water Authority and the Board of the South Central Wastewater Authority, each by unanimous vote this 14th day of November, 2019, hereby recognize and commend Dr. Wichser on his service and wish him well in his future endeavors.

BE IT FURTHER RESOLVED that a copy of this RESOLUTION be incorporated into the Minutes of the Boards of the Appomattox River Water Authority and the South Central Wastewater Authority and a copy be presented to him.

*Appomattox River
Water Authority
Board*

*Douglas E. Smith
W. Kevin Massengill
Percy C. Ashcraft
Dr. Joseph P. Casey
Aretha R. Ferrell-Benavides*

*South Central
Wastewater Authority
Board*

*Douglas E. Smith
Aretha R. Ferrell-Benavides
Percy C. Ashcraft
Dr. Joseph P. Casey
Robert B. Wilson, P.E.*

3. Public Comment

The Guidelines for Public Comment are:

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.

4. Executive Director's Report

- **Presentation of Proposed FY 2020/21 Operating Budget**

Following is a memo and presentation of the Proposed FY2020/21 Operating Budget



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

MEMORANDUM

**TO: SOUTH CENTRAL WASTEWATER AUTHORITY
BOARD OF DIRECTORS**

**FROM: ROBERT B. WILSON, P.E., EXECUTIVE DIRECTOR
JAMES C. GORDON, ASSISTANT EXECUTIVE DIRECTOR**

SUBJECT: FISCAL YEAR 2020-2021 PROPOSED BUDGET

DATE: JANUARY 16, 2020

We are pleased to present to you the South Central Wastewater Authority proposed 2020-2021 budget for your review and consideration. The total expenses for the Proposed FY2020-21 South Central Wastewater Authority Budget are \$8,839,000. The Board is not requested to approve the proposed budget at today's meeting; however, we request that you review and advise staff to ready the proposed budget to advertise for a public hearing at the March 12, 2020 Board Meeting by the required 14-day period in advance of the scheduled public hearing. Any Board requested changes to the proposed budget can be made on or before the May 14, 2020 Board Meeting where we will request approval of the budget.

A review of the proposed budget changes follows and shows annual expenses for FY 2020/21 are increasing by \$379,300 (3.29%) from the current fiscal year budget primarily due to the continuation of funding the Capital Reserve Account (increase of \$250,000) to offset future capital expenditures.

Cost item increase:

- Salaries: \$50,000 – due to an average pay for performance increase of 2.6%
- Employee Benefits: \$21,000 – primarily due to anticipated increase in Hospitalization Insurance (\$10,000)
- Contractual Services: \$78,400 – primarily due to Software Support (\$25,000) and Maintenance Service Contracts (\$30,000) increases related to reclassification of Replacement items to O&M. Also, Administrative Services (\$53,000) is increasing due to payments to the ARWA for SCWWA's portion of shared employees which includes one new shared position.
- Other Charges: \$23,600 – due to increases in Electricity (\$25,000)

Cost items reductions:

- Materials and Supplies: \$13,700 – primarily due to a decrease in the Repair and Maintenance Supplies-Shop (\$53,000).
- Equipment Replacement: (\$55,000) – there is only one vehicle and one construction project scheduled in the proposed budget.

Note: Remaining landfill leachate treatment revenue is planned to be deposited in the Capital Reserve Account

Debt Service:

Debt service for FY 2020/21 is zero.

Capital Reserve Account:

The Capital Reserve Account (used to offset future capital project rate impacts) *is allocated based on plant allocation.*

Salaries & Wages:

It is important to understand the maintenance and operations of our wastewater infrastructure, not only by implementing the latest technologies, but also by continuing to invest in a skilled workforce. Thus, we are requesting an average performance-based salary increase of 2.6%. As you are aware, a significant portion of the Authority's workforce will exit the field in the next three to five years (Hazen and Sawyer Merger Analysis), depleting the pool of experienced certified and licensed professionals. The job sector in the water field is necessitating a more skilled workforce. The upcoming retirement of experienced Operators and Maintenance staff who can train new personnel further exacerbates the problem. Competition will continue for certified and licensed employees between other local utilities and will force the Authority to make cost related decisions to attract and retain new employees. We must continue to invest in our skilled employees and maintain market competitive salaries. As part of staff's annual performance evaluation, each employee will be reviewed and rated in May 2020 on the following elements:

- Knowledge & Ability
- Productivity
- Initiative
- Interpersonal Relationships
- Time Management
- Communication
- Attendance
- Judgment
- Adaptability
- Meeting defined goals

An average employee would receive a 2% salary increase with only the higher performing employees eligible for up to 3%. Non-performing employees will receive less than 2%, with certain employees with a lower score being placed into a required performance improvement probation period.

Replacement Fund:

The Replacement Fund at \$538,000 has been decreased \$55,000. The Replacement Fund includes projects to replace an aging drain pump station and another old PLC. Also included are smaller activities such as a vehicle replacement, flow signal converter upgrades, caustic feed pump replacement, and air scrubber media replacement.

REVENUE:

	Present FY19/20 Budget Cost	Proposed FY20/21 Budget Cost	Annual \$ Difference	Annual % Difference
City of Petersburg	\$4,771,204	\$5,063,007	\$291,803	6.12%
City of Colonial Heights	\$1,622,291	\$1,641,237	\$18,946	1.17%
Chesterfield County	\$729,702	\$760,473	\$30,771	4.22%
Prince George County	\$589,419	\$585,853	(\$3,567)	-0.61%
Dinwiddie County	\$747,084	\$788,430	\$41,346	5.53%
Total	\$8,459,700	\$8,839,000	\$379,300	3.286%

Note: O&M Budget costs are estimated based on 5 year average flow distribution

BOARD ACTION REQUESTED:

Board approval to advertise the FY2020-21 proposed budget is requested. The public hearing on the proposed budget will be at the March 12, 2020 Board of Directors meeting held at SCWWA. Final Board consideration on the budget approval is scheduled for the May 14, 2020 Board of Directors meeting held at ARWA. Any budget changes or edits required or requested by the Board can be taken before or during the May Board of Directors meeting.

SOUTH CENTRAL WASTEWATER AUTHORITY

PROPOSED: January 16, 2020

APPROVED:

Acct #	ITEM	Fiscal Year 2019/2020 Budget	Fiscal Year 2020/2021 Budget	Change	
				Increase/ (Decrease) FY19/20 to FY20/21	Reason for changes
51000	SALARY	\$ 1,900,000	\$ 1,950,000	\$ 50,000	Includes an average 2.6% pay for performance increase
52000	EMPLOYEE BENEFITS	\$ 892,000	\$ 913,000	\$ 21,000	
52100	Employer FICA	\$ 145,000	\$ 150,000		
52200	Virginia Retirement System	\$ 125,000	\$ 130,000		
52300	Hospitalization Insurance	\$ 590,000	\$ 600,000		
52400	Group Life	\$ 27,000	\$ 28,000		
52450	Supplemental Group Life	\$ 1,500	\$ 1,500		
52500	Health Insurance Credit	\$ -	\$ -		
52700	Employee Promotions	\$ 3,500	\$ 3,500		
52900	OPEB Health Insuranc ARC Adj	\$ -	\$ -		
52952	Net Pension Adjustment		\$ -		
53000	Contractual Services	\$ 369,600	\$ 448,000	\$ 78,400	Administrative Services increase related to 50% salary split with the ARWA for a new maintenance manager position. Maintenance service contracts increase is due to a reclassification of general concrete repair from replacement to maintenance service contracts. Software support increase based on actual costs related to increasing support contract costs, additional support contracts for network and server software, and reclassification of large software support contracts from Replacement to O&M.
53121	Auditing Services	\$ 12,500	\$ 12,500		
53122	Accounting Services	\$ 7,000	\$ 7,500		
53123	Administrative Service	\$ 37,000	\$ 90,000		
53140	Consults - Engineering	\$ 50,000	\$ 50,000		
53145	Consults - General	\$ 25,000	\$ -		
53150	Legal Services	\$ 50,000	\$ 50,000		
53152	Software Support	\$ 45,000	\$ 70,000		
53160	Medical	\$ 8,600	\$ 3,000		
53162	Bank Service Charges	\$ 1,000	\$ 1,000		
53170	Payment in Lieu of Taxes (City of Petersburg)	\$ 33,500	\$ 33,500		
53190	Samples and Testing	\$ 44,500	\$ 43,000		
53220	VPDES Permit Fee	\$ 10,500	\$ 12,500		
53320	Maintenance Service Contracts	\$ 20,000	\$ 50,000		
53600	Grounds Maintenance	\$ 25,000	\$ 25,000		
55000	Other Charges	\$ 974,400	\$ 998,000	\$ 23,600	
55050	Advertising	\$ 6,000	\$ 10,000		
55110	Electricity	\$ 425,000	\$ 450,000		
55120	Natural Gas	\$ 20,000	\$ 15,000		
55130	Solid Waste	\$ 3,500	\$ 3,500		

55140	Water	\$ 8,000	\$ 8,500		
55150	Storm Water (City of Petersburg)	\$ 6,000	\$ 6,500		
55160	Biosolids Disposal	\$ 350,000	\$ 350,000		
55210	Postage and Freight	\$ 15,000	\$ 15,000		
55230	Telecommunications	\$ 16,500	\$ 16,500		
55308	General Liability Insurance	\$ 67,000	\$ 70,000		
55410	Lease/Rent of Equipment	\$ 11,000	\$ 11,000		
55530	Meals and Lodging	\$ 5,000	\$ 2,000		
55540	Education and Training	\$ 19,400	\$ 20,000.00		
55550	Safety Supplies	\$ 22,000	\$ 20,000.00		
56000	Materials and Supplies	\$ 1,205,700	\$ 1,192,000	\$ (13,700)	
56001	Office Supplies	\$ 15,000	\$ 15,000		
56004	Laboratory Supplies	\$ 52,000	\$ 55,000		
56005	Process Chemicals	\$ 560,000	\$ 575,000		
56006	Repair and Maintenance Supplies - IT	\$ 60,000	\$ 80,000		
56007	Repair and Maintenance Supplies - Shop	\$ 408,000	\$ 355,000		
56008	Vehicle and Equipment Fuels	\$ 25,000	\$ 25,000		
56010	Janitorial Supplies	\$ 8,000	\$ 10,000		
56011	Uniforms	\$ 22,500	\$ 19,000		
56012	Dues and Subscriptions	\$ 36,700	\$ 38,000		
56015	Small Equipment Purchases	\$ 8,500	\$ 10,000		
56016	Operation - Supplies - Maintenance	\$ 10,000	\$ 10,000		
57000	Equipment Replacement	\$ 593,000	\$ 538,000	\$ (55,000)	
58000	Nutrient Credit Purchases	\$ 525,000	\$ 550,000	\$ 25,000	
59000	Rate Stabilization Funds to be deposited to Capital Reserve Acct	\$ -		\$ -	
	Total(Operations & Maintenance)	\$ 6,459,700	\$ 6,589,000	\$ 129,300	
	Reserve policy (50% O&M)	\$ -	\$ -	\$ -	50% O&M reserves met
	ERRF (5% of Operations & Maintenance)	\$ -	\$ -	\$ -	Account is > \$2.5 m
	Capital Reserve Account	\$ 2,000,000	\$ 2,250,000	\$ 250,000	Used to offset future capital expenditures
	Debt Service	\$ -	\$ -	\$0	
	Total	\$ 8,459,700	\$ 8,839,000	\$ 379,300	

**South Central Wastewater Authority
Replacement Fund Budget - 57000**

FY20/21

Acct#	Proposed FY ITEM	Budget 19/20	Proposed Budget 20/21	INFORMATIONAL & PLANNING				Beyond	
				21/22	22/23	23/24	23/24	FY	Estimate
57010 - Machinery & Equipment	Emergency / Miscellaneous Repairs	\$ 95,000	\$ 105,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000		
	Replace Pump Bldg 3 MCC	\$ 20,000							
	Caustic Pumps Replacement		\$ 25,000	\$ -	\$ -	\$ -			
	Chlorihe Pump Room Rehab			\$ 60,000					
	New media for Scrubber #2		\$ 10,000						
	Electric Actuators at Grit Tank	\$ 8,000							
57020 - Instrumentation	Replace PLC3 (23 years old)	\$ 90,000							
	Replace PLC2 (24 years old)		\$ 80,000						
	Replace PLC 4 (25 years old)			\$ 80,000					
	RAS Flowmeter Signal Converters		\$ 8,000						
	New Phosphate Analyzer	\$ 20,000							
57030 - SCADA	Misc. SCADA/Communication Equipment	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000		
57040 - Computer Hardware & Software	Computer Equipmt > \$5,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		
57050 - Motor Vehicles	Operations 2001 Dodge Pickup	\$ 35,000							
	2007 Operations Colorado		\$ 35,000						
	2008 Trailblazer (Fleet)	\$ 40,000	\$ -						
	Case Loader (Big Loader)			\$ 160,000					
	4x4 Pickup - Replacement				\$ 40,000	\$ 40,000	\$ 40,000		
	2000 GMC Dump Truck			\$ 75,000					
	Front End Loader with Backhoe					\$ 60,000			
	Telescopic Forklift to replace crane				\$ 150,000				
	2001 GMC Dump Truck				\$ 75,000				
57060 - Construction	General Concrete Repair	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -		
	Roof Inspection/Repairs	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -		
	Roof Replacement - PB 5, Sodium Bi, Blower, Vehicle Storage, and Sodium Hypo			\$ 250,000					
	Upgrade Headworks Drain PS		\$ 250,000						
	New Headworks Air Compressors	\$ 60,000							
	Rehab Admin work areas	\$ 10,000							

	Security Perimeter Fence	\$	100,000										
	Generator and Utility Protective Relays Upgrade	\$	30,000										
	RAS Pumps					\$	1,000,000						
57080 - Fixtures and Funiture	Lab Cabinets and Countertop				\$	-	\$	50,000					
	TOTALS:	\$	593,000	\$	538,000	\$	775,000	\$	415,000	\$	1,300,000	\$	190,000

NOTE: FY 20/21 TO BE APPROVED WITH BUDGET

**South Central Wastewater Authority
Nutrient Credit Purchase - Acct # 58100**

		FY20/21							
		INFORMATIONAL & PLANNING							
Acct# 58100	Budget	Proposed Budget							
<u>ITEM</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>	<u>23/24</u>	<u>24/25</u>	<u>25/26</u>	<u>25/26</u>	
Private Purchase - Henrico County									
Private Purchase - Chesterfield County	\$ 472,000	\$ 500,000	\$ 87,500	\$ 87,500	\$ 87,500	\$ 87,500	\$ 87,500		
Contengency - Exchange Purchase if needed	\$ 53,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000		
Private or Exchange									
Totals	\$ 525,000	\$ 550,000	\$ 187,500	\$ 187,500	\$ 187,500	\$ 187,500	\$ -	\$ -	

NOTE: FY 20/21 TO BE APPROVED WITH BUDGET

**South Central Wastewater Authority
Capital Budget
FY20/21**

		INFORMATIONAL & PLANNING							
<u>ITEM</u>	<u>Budget</u>	<u>Proposed Budget</u>							
<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>	<u>23/24</u>	<u>24/25</u>	<u>25/26</u>	<u>25/26</u>	<u>26/27</u>	
Nutrient Upgrade (3)		\$ 1,500,000	\$ 9,375,000	\$ 9,375,000	\$ 9,375,000	\$ 9,375,000			
Totals	\$ -	\$ 1,500,000	\$ 9,375,000	\$ 9,375,000	\$ 9,375,000	\$ 9,375,000	\$ -	\$ -	

NOTE:

1) The above items for information only. Approval required from Board of Directors at time of project award.

2) Bond Funding will be required for these Proposed Capital Project.

SOUTH CENTRAL WASTEWATER AUTHORITY

FY 2020/2021 Budget

Proposed: January 16, 2020

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: \$6,589,000.00

Community	Petersburg	Colonial Heights	Chesterfield	Prince George	Dinwiddie
% O&M (1)	58.913%	18.079%	8.127%	6.330%	8.551%
O&M	\$ 3,881,756.74	\$ 1,191,237.24	\$ 535,473.07	\$ 417,102.76	\$ 563,430.19

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	0.00%	0.00%	0.00%	0.00%	0.00%
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: \$ 2,250,000.00

% Participation	52.5%	20.0%	10.0%	7.5%	10.0%
Reserve Policy	\$ 1,181,250.00	\$ 450,000.00	\$ 225,000.00	\$ 168,750.00	\$ 225,000.00

Annual Total	\$ 5,063,006.74	\$ 1,641,237.24	\$ 760,473.07	\$ 585,852.76	\$ 788,430.19
O&M Due Monthly	\$ 323,479.73	\$ 99,269.77	\$ 44,622.76	\$ 34,758.56	\$ 46,952.52
ERRF Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -
Reserve policy Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Reserve Account	\$ 98,437.50	\$ 37,500.00	\$ 18,750.00	\$ 14,062.50	\$ 18,750.00
P&I Due Monthly	\$ -	\$ -	\$ -	\$ -	\$ -
Total Due Monthly	\$ 421,917.23	\$ 136,769.77	\$ 63,372.76	\$ 48,821.06	\$ 65,702.52

Notes:

(1) Participation percentage based on flow data for period from FY15 to FY19

(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 2020/2021 Budget

Proposed: January 16, 2020

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	58.913%	18.079%	8.127%	6.330%	8.551%	100.000%
Estimated Share of Operations & Maintenance	\$ 3,881,756.74	\$ 1,191,237.24	\$ 535,473.07	\$ 417,102.76	\$ 563,430.19	\$ 6,589,000.00
Share of Plant Capacity (%)	52.50%	20.00%	10.00%	7.50%	10.00%	100.00%
Share of Equipment Replacement Reserve Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserve Policy - Reserve Fund (50% O&M)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Reserve Account	\$ 1,181,250.00	\$ 450,000.00	\$ 225,000.00	\$ 168,750.00	\$ 225,000.00	\$ 2,250,000.00
Share of Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Amount	\$ 421,917.23	\$ 136,769.77	\$ 63,372.76	\$ 48,821.06	\$ 65,702.52	\$ 736,583.33
Annual Total	\$ 5,063,006.74	\$ 1,641,237.24	\$ 760,473.07	\$ 585,852.76	\$ 788,430.19	\$ 8,839,000.00
Electrical Credit						\$ -
Miscellaneous Revenue - PROPOSE THIS REVENUE IS DEPOSITED TO A CAPITAL RESERVE FUND						\$ -
<u>Total Budget</u>						<u>\$ 8,839,000.00</u>

Budget Comparison

	FY20/21 Proposed Budget	FY19/20 Budget	FY20/21 - FY19/20	
Locality	Revenue	Revenue	Difference	
City of Petersburg	\$ 5,063,007	\$ 4,771,204	\$ 291,803	6.12%
City of Colonial Heights	\$ 1,641,237	\$ 1,622,291	\$ 18,946	1.17%
Chesterfield County	\$ 760,473	\$ 729,702	\$ 30,771	4.22%
Prince George County	\$ 585,853	\$ 589,419	\$ (3,567)	-0.61%
Dinwiddie County	\$ 788,430	\$ 747,084	\$ 41,346	5.53%
Sub-totals	\$ 8,839,000	\$ 8,459,700	\$ 379,300	3.286%
Deferred Debt (Petersburg)	\$ -	\$ -	\$ -	
Deferred Debt (Colonial Heights)	\$ -	\$ -	\$ -	
Deferred Debt (Prince George)	\$ -	\$ -	\$ -	
Electrical Credit	\$ -	\$ -	\$ -	
Miscellaneous Revenue	\$ -	\$ -	\$ -	
Total Budget	\$ 8,839,000.00	\$ 8,459,700.00	\$ 379,300.00	

50% Reserve Policy:

Reserve Fund Calculation

SCWWA O&M Budget	Total expected reserves on June 30, 2020	Recommended 50% O&M Reserves	Charges required to achieve 50% reserves	Annual Charge
\$6,589,000	\$4,392,714.58	\$3,294,500.00	-\$1,098,214.58	0



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RESOLUTION

OF THE SOUTH CENTRAL WASTEWATER AUTHORITY PROVIDING PRELIMINARY APPROVAL OF THE BUDGET FOR FISCAL YEAR 2021 AND THE RELATED PAYMENT SCHEDULE

WHEREAS, in October, November and December of 2019 the staff of the South Central Wastewater Authority (the "Authority") developed the Authority's proposed budget and payment schedule for Fiscal Year 2021 and at this meeting held on January 16, 2020, presented the proposed budget and payment schedule to the Authority Board; and

WHEREAS, Section 10.2 of the Authority's Bylaws and Virginia Code Section 15.2-5136(G) require the preliminary approval of the proposed budget and payment schedule for notification of a public hearing prior to the final adoption of the budget and payment schedule for any fiscal year;

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 2021 budget submitted as an attachment to this resolution and (ii) the proposed payment schedule for Fiscal Year 2021 as set forth below, (b) schedules a public hearing on the proposed Fiscal Year 2021 budget and payment schedule at the Authority's next scheduled Board meeting on March 12, 2020, and (c) directs Authority staff to provide for the publication of the notices of such public hearing in accordance with Section 10.2 of the Authority's Bylaws and Virginia Code Section 15.2-5136(G):

FY2021 PAYMENTS	
City of Petersburg	\$5,063,007
City of Colonial Heights	1,641,237
Chesterfield County	760,473
Prince George County	585,853
Dinwiddie County	788,430
TOTAL	\$8,839,000

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 payment schedule is subject to change during or after Fiscal Year 2021 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 2021.

- **Status Report: Ongoing Projects/Operations/Financials/I&I/Leachate**

Following are status reports concerning the Ongoing Project, Operations, Financials, Inflow and Infiltration, and Leachate for the SCWWA.



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MEMORANDUM

TO: SOUTH CENTRAL WASTEWATER AUTHORITY BOARD OF DIRECTORS

**FROM: ROBERT B. WILSON, P.E., EXECUTIVE DIRECTOR
JAMES C. GORDON, ASSISTANT EXECUTIVE DIRECTOR**

SUBJECT: STATUS REPORT – ON-GOING PROJECTS

DATE: JANUARY 16, 2020

The following projects are underway. This report includes sections on Capital projects and large replacement projects.

Annual Maintenance Inspection

- The Annual Maintenance Inspection Report was completed and delivered to ARWA staff December 2020.

Enhanced BNR Preliminary Engineering Report

- The Preliminary Engineering Report was delivered on December 20, 2019. There are some minor revisions required and staff anticipates revision in January, 2020.



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MEMORANDUM

TO: SOUTH CENTRAL WASTEWATER AUTHORITY BOARD OF DIRECTORS

**FROM: ROBERT B. WILSON, P.E., EXECUTIVE DIRECTOR
JAMES C. GORDON, ASST. EXECUTIVE DIRECTOR**

SUBJECT: OPERATING & FINANCIAL STATUS REPORT

DATE: JANUARY 16, 2020

Operating Status Report:

General:

- The next scheduled normal Board of Directors Meeting is Thursday March 12, 2020 at the South Central Wastewater Authority at 2:00 pm
- Annual chemical bids were opened January 9, 2020 and are currently being evaluated

Status of Nutrient Waste-load

- Total Phosphorus (TP)
 - Waste-load allocation Total Phosphorus: 28,404 lbs. on a calendar basis
 - Total actual waste-load for 2019 was 19,871 lbs. (8,533 pounds under the annual waste-load allocation)
- Total Nitrogen (TN)
 - Waste-load allocation Total Nitrogen: 350,239 lbs. on a calendar basis
 - Total actual waste-load for 2019 was 458,729 lbs. (108,490 pounds over the annual waste-load allocation)
 - Note: The SCWWA has a contract to purchasing 169,623 credits for 2019 to meet our waste-load requirement

Operations:

- Plant effluent met all discharge permit requirements for November and December 2019. Copies of the discharge monitoring reports (DMR's) for the VPDES permit and the general permit are available
- Staff has worked with our biosolids haulers to ensure minimal solids are stored onsite.
- Working on end of year reports

Maintenance:

- Based on a recommendation from Virginia Occupational Safety and Health, Job Safety Analysis software was recently purchased, and staff is in the process of updating work procedures with the new format.
- Upgrading the alum feed system and rehabbing the building
- Scheduling for the installation of new headworks air compressors

Instrumentation

- Installing electrical feeds for the headworks air compressor install

- Troubleshooting blower issues
- Working on conveyor system tag line to increase safety
- Coordinating the upgrade and installation of old Programmable Logic Controllers

Laboratory

- Preparing for certification inspection on January 14th and 15th
- Finalizing 2019 pretreatment report

Financial Status Report:

Following is the Balance Sheet and Income Statement as of December 31, 2019.

South Central Wastewater Authority
For Month Ending December 31, 2019

Assets

Current Assets

Petty Cash	\$ 250
Wells Fargo Operating Account	\$ 2,443,681
Total Unrestricted Cash	\$ 2,443,931

Wells Fargo Reserve	\$ 3,916,414
Wells Fargo Capital Improvement Reserve	\$ 156,202
ERRF	\$ -
LGIP-ERRF	\$ 2,710,468
LGIP_Capital Improvements Reserve	\$ 4,952,207
Total Restricted Cash	\$ 11,735,291

Total Checking/Savings	\$ 14,179,222
-------------------------------	----------------------

Accounts Receivable	\$ 142,858
Prepaid Expenses	\$ 49,217
Long Term Receivable (Petgs/Legal)	\$ -

Total Current Assets	\$ 14,371,297
-----------------------------	----------------------

Fixed Assets

Sewer System Plant	\$ 34,919,518
Equipment & Vehicles	\$ 2,527,576
Plant Machinery	\$ 7,027,662
Construction in Progress	\$ 831,140
Land	\$ 92,968
Accumulated Depreciation	\$ (27,836,397)

Total Fixed Assets	\$ 17,562,467
---------------------------	----------------------

Other Assets

Inventory	\$ 753,246
Def Out Res-Post ER Pension Con	\$ 89,435
Deferred Outflows-GLI OPEB	\$ 20,958

Total Other Assets	\$ 863,639
---------------------------	-------------------

Total Assets

\$ 32,797,404

Liabilities & Equity

Current Liabilities

Accounts Payable	\$ 35,939
------------------	-----------

Total Current Liabilities	\$ 35,939
----------------------------------	------------------

Other Current Liabilities

Payroll Accruals	\$ 218,916
Retainage Payable	\$ -
Suspense-Clearing Account	\$ 262,500
Refunds Due Member Localities	\$ -

Total Other Current Liabilities	\$ 481,416
----------------------------------------	-------------------

Long Term Liabilities

Net OPEB Obligation	\$ 76,101
Net OPEB Liability-GLI	\$ 139,000
Def Infl-OPEB-Chg of Assumption	\$ 60,071
Deferred Inflows-GLI OPEB	\$ 13,000
Def Inf Res-Net Dif Pension Inv	\$ 56,766
Def Inf Res-Pens Chg Assumption	\$ 43,774
Def Inf Res-Pens Dif Proj/Act E	\$ 39,690
Net Pension Liability	\$ 81,482

Total Long-Term Liabilities	\$ 509,884
------------------------------------	-------------------

Total Liabilities

\$ 1,027,239

Equity

Retained Earnings	\$ 15,957,686
Initial Locality Contribution Cap.	\$ 14,166,822

Net Income	\$ 1,645,657
Total Equity	\$ 31,770,165

Total Liabilities & Equity

\$ 32,797,404

South Central Wastewater Authority
YTD Income Statement for the period ending December 31, 2019

Wastewater Rate Center

Revenues and Expenses Summary

Operating Budget vs. Actual

Revenues

	<i>Budget</i> <i>FY 19/20</i>	<i>Budget</i> <i>Year-to-Date</i>	<i>Actual</i> <i>Year-to-Date</i>	<i>YTD Budget</i> <i>vs. Actual</i>	<i>Variance</i> <i>Percentage</i>
Septage/Misc Revenue	\$ -	\$ -	\$ 285,453	\$ 285,453	#DIV/0!
O&M Revenue	\$ 8,459,700	\$ 4,229,850	\$ 4,229,850	\$ (0)	0.00%
Reserve Policy	\$ -	\$ -	\$ -	\$ -	#DIV/0!
ER&RF Revenue	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Total Operating Revenues	\$ 8,459,700	\$ 4,229,850	\$ 4,515,303	\$ 285,453	6.75%

Expenses

Personnel Cost	\$ 2,792,000	\$ 1,396,000	\$ 1,342,755	\$ (53,245)	-3.81%
Contractual/Professional Services	\$ 375,600	\$ 187,800	\$ 191,227	\$ 3,427	1.82%
Utilities	\$ 462,500	\$ 231,250	\$ 211,201	\$ (20,049)	-8.67%
Communication/Postage/Freight	\$ 31,500	\$ 15,750	\$ 13,910	\$ (1,840)	-11.68%
Office/Lab/Purification Supplies	\$ 75,000	\$ 37,500	\$ 30,396	\$ (7,104)	-18.94%
Insurance	\$ 67,000	\$ 67,000	\$ 65,556	\$ (1,444)	-2.16%
Lease/Rental Equipment	\$ 11,000	\$ 5,500	\$ 3,649	\$ (1,851)	-33.66%
Travel/Training/Dues	\$ 61,100	\$ 30,550	\$ 20,765	\$ (9,785)	-32.03%
Safety/Uniforms	\$ 44,500	\$ 22,250	\$ 30,751	\$ 8,501	38.21%
Chemicals/Sludge Disposal	\$ 910,000	\$ 455,000	\$ 352,006	\$ (102,994)	-22.64%
Repair/Maintenance Parts & Supplies	\$ 511,500	\$ 255,750	\$ 230,280	\$ (25,470)	-9.96%
Total Operating Expenses	\$ 5,341,700	\$ 2,704,350	\$ 2,492,497	\$ (211,853)	-7.83%
Operating Suplus/(Deficit)	\$ 3,118,000	\$ 1,525,500	\$ 2,022,806	\$ 497,306	32.60%

Replacement Outlay Budget vs. Actual

Machinery & Equipment	\$ 123,000	\$ 61,500	\$ 54,416	\$ (7,084)	-11.52%
Instrumentation	\$ 110,000	\$ 55,000	\$ 10,531	\$ (44,469)	-80.85%
SCADA	\$ 15,000	\$ 7,500	\$ -	\$ (7,500)	-100.00%
Computer Equipment	\$ 10,000	\$ 5,000	\$ -	\$ (5,000)	-100.00%
Motor Vehicles	\$ 75,000	\$ 37,500	\$ 42,857	\$ 5,357	14.29%
Construction	\$ 260,000	\$ 130,000	\$ 183,259	\$ 53,259	40.97%
Special Studies	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Total Replacement Outlay	\$ 593,000	\$ 296,500	\$ 291,063	\$ (5,437)	-1.83%

Other Income/Expense Budget vs. Actual

Nutrient Credit Purchases (Expense)	\$ 525,000	\$ 262,500	\$ 262,500	\$ -	0.00%
Nutrient Reduction	\$ -	\$ -	\$ -	\$ -	#DIV/0!
Interest-Income	\$ -	\$ -	\$ 77,394	\$ 77,394	#DIV/0!
Alum Litigation Proceeds (Income)	\$ -	\$ -	\$ 99,020	\$ 99,020	#DIV/0!



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MEMORANDUM

TO: SOUTH CENTRAL WASTEWATER AUTHORITY BOARD OF DIRECTORS

FROM: ROBERT B. WILSON, P.E., EXECUTIVE DIRECTOR
JAMES C. GORDON, ASSISTANT EXECUTIVE DIRECTOR

SUBJECT: FLOW REPORT

DATE: JANUARY 16, 2020

Below is the rainfall and flow information through December 2019.

Month	Rainfall (inches)	Average Flow (mgd)
December 2018	3.21	18.440
January 2019	3.27	17.865
February 2019	4.57	19.594
March 2019	4.55	19.236
April 2019	3.79	14.265
May 2019	3.54	11.172
June 2019	4.23	10.398
July 2019	4.24	10.254
August 2019	4.90	9.785
September 2019	0.39	10.426
October 2019	4.66	10.166
November 2019	2.28	10.148
December 2019	3.11	11.840

PRIMARY FLOW DATA

December	2019	2018	2017	2016	2015	2014	2013
Minimum (mgd)	9.312	13.92	8.186	8.345	9.112	8.697	10.398
Maximum (mgd)	16.544	27.58	13.568	16.647	40.289	22.529	26.881
Average (mgd)	11.840	18.440	9.487	9.980	14.116	11.014	15.226
Rainfall (inches)	3.11	3.21	1.43	2.280	5.57	4.05	6.82

South Central Wastewater Authority
Leachate Truck Log

Current Max # of WM Trucks Allowed per agreement	16
--------------------------------------------------	----

Date	Origination Site		Total Combined Trucks per day
	# from Amelia	# from Charles City	
11/1/2019	2	0	2
11/2/2019			
11/3/2019			
11/4/2019	2	0	2
11/5/2019	2	0	2
11/6/2019	2	0	2
11/7/2019	2	0	2
11/8/2019	2	0	2
11/9/2019			
11/10/2019			
11/11/2019	2	0	2
11/12/2019	2	0	2
11/13/2019	2	0	2
11/14/2019	2	0	2
11/15/2019	2	0	2
11/16/2019			
11/17/2019			
11/18/2019	4	0	4
11/19/2019	4	0	4
11/20/2019	4	0	4
11/21/2019	4	0	4
11/22/2019	4	0	4
11/23/2019			
11/24/2019			
11/25/2019	4	0	4
11/26/2019	4	0	4
11/27/2019	4	0	4
11/28/2019			
11/29/2019			
11/30/2019			
Total	54	0	54

Notes:

- 1) On average each truck offloaded 6,665 gallons of leachate
- 2) The agreement with Waste Management is for \$0.095/gallon; on average the charge to offload a truck is \$633
- 3) Total leachate revenue for November 2019 is \$33,895.41

South Central Wastewater Authority
Leachate Truck Log

Current Max # of WM Trucks Allowed per agreement	16
--------------------------------------------------	----

Date	Origination Site		Total Combined Trucks per day
	# from Amelia	# from Charles City	
12/1/2019			
12/2/2019	5	0	5
12/3/2019	5	0	5
12/4/2019	5	0	5
12/5/2019	5	0	5
12/6/2019	5	0	5
12/7/2019			
12/8/2019			
12/9/2019	5	0	5
12/10/2019	5	0	5
12/11/2019	5	0	5
12/12/2019	5	0	5
12/13/2019	5	0	5
12/14/2019			
12/15/2019			
12/16/2019	5	0	5
12/17/2019	6	0	6
12/18/2019	5	0	5
12/19/2019	5	0	5
12/20/2019	3	0	3
12/21/2019			
12/22/2019			
12/23/2019	4	0	4
12/24/2019			
12/25/2019			
12/26/2019	5	0	5
12/27/2019	5	0	5
12/28/2019			
12/29/2019			
12/30/2019	6	0	6
12/31/2019			
Total	94	0	94

Notes:

- 1) On average each truck offloaded 6,665 gallons of leachate
- 2) The agreement with Waste Management is for \$0.095/gallon; on average the charge to offload a truck is \$633
- 3) Total leachate revenue for December 2019 is \$58,395.61

5. Items from Counsel

6. Closed Session

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

8. Adjourn