

SOUTHEASTERN PUBLIC SERVICE AUTHORITY

Board of Directors ~ Regular Meeting
Regional Board Room
723 Woodlake Drive, Chesapeake, Virginia

Wednesday, September 25, 2019 at 9:30 a.m.

1. Call Meeting to Order	1
Pledge of Allegiance	1
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1. Call Meeting to Order

Pledge of Allegiance
Roll Call

2. Public Comment Period

All speakers must register prior to call to order;
5-minute maximum per speaker unless advised by Chairman differently;
30-minute total maximum time.

3. Chairman's Comments

4. Approval of Minutes

The minutes of the August 28, 2019 Board meeting are included below for your review and approval.

RECOMMENDED ACTION: Approve the minutes as presented.

MOTION: Do I hear a motion that the August 28, 2019 minutes of the SPSA Board of Directors meeting be approved as presented?

**MINUTES OF THE BOARD OF DIRECTORS OF THE
SOUTHEASTERN PUBLIC SERVICE AUTHORITY OF VIRGINIA**

August 28, 2019

The Regular Meeting of the Board of Directors of the Southeastern Public Service Authority (SPSA) was held at 9:30 a.m. in the Regional Board Room at the Regional Building, 723 Woodlake Drive, Chesapeake, Virginia. The following members were in attendance or as noted:

Mr. John Maxwell	(CH)	Mr. Steven Jenkins	(CH)
Ms. Sheryl Raulston	(FR)	Ms. Amanda Jarratt	(FR)
Mr. Dale Baugh	(IW)	Mr. Randy Keaton	(IW)
Mr. John Keifer	(NO)	Mr. Richard Broad	(NO)
Mr. C.W. "Luke" McCoy	(PO)	Mr. Solomon Ashby	(PO)
Mr. Mark Hodges (<i>absent</i>)	(SH)	Ms. Lynette Lowe	(SH)
Mr. David Arnold (<i>absent</i>)	(SU)	Mr. Patrick Roberts	(SU)
Mr. William Sorrentino (<i>absent</i>)	(VB)	Mr. John Barnes	(VB)

* Indicates Late Arrival

** Indicates Early Departure

(CH) Chesapeake; (FR) Franklin; (IW) Isle of Wight; (NO) Norfolk; (PO) Portsmouth, (SH) Southampton County; (SU) Suffolk; (VB) Virginia Beach

Others present at the meeting included the Alternate Ex-Officio Members, Ms. Erin Trimyer (PO), Mr. Eric Martin (CH), Mr. Scott Mills (SU), and the following SPSA executives, Ms. Liesl R. DeVary, Executive Director and Treasurer, Mr. Dennis Bagley, Deputy Executive Director, Ms. Sandy Schreiber, Accounting Manager and Secretary and Warren Tisdale, General Counsel.

1. CALL MEETING TO ORDER

Chairman Keifer (NO), Chairman of the Board, called the meeting to order at 9:30 AM.

- 2. PUBLIC COMMENT** – Mr. Geduldig-Yatrofsky of Portsmouth, VA addressed the board by stating he was puzzled by the qualification requirements of the citizens we are seeking to serve on the Citizens Advisory Committee. He commented that domestic engineers were not mentioned, but often are the most aware of the household disposable waste flow. Mr. Geduldig-Yatrofsky continued by saying that based on SPSA comments, it appears we are looking for the Citizens Advisory Committee to validate the decisions we make. He thinks it would be more valuable to let the committee reach conclusions not within the balances of prescribed framework. He followed with a question of why this meeting would be followed by an Executive Committee meeting.

3. CHAIRMAN'S COMMENTS

Mr. Keifer (NO) commented that we will address the issues Mr. Mark Geduldig-Yatrofsky presented as we go through the board agenda. He had no other comments.

4. APPROVAL OF MINUTES

The minutes of the July 24, 2019 Board meeting have been distributed. Ms. DeVary noted there were some corrections to the minutes of the prior month's meeting, to include a date correction to July 24, 2019 and Mr. Broad was named as seconding the election of officers, it was actually Mr. Sorrentino. Mr. Maxwell also requested a correction of his location from Norfolk (NO) to Chesapeake (CH).

Mr. Luke McCoy (PO) moved, seconded by Ms. Lynette Lowe (SH) to approve the July 24, 2019 minutes of the SPSA board with noted corrections. The vote of the motion was unanimous.

5. EXECUTIVE DIRECTOR UPDATES

Ms. DeVary began by stating that SPSA staff continue to keep operations running smoothly. Ms. DeVary reported that a meeting was held with Wheelabrator senior management after the July board meeting. Wheelabrator was very responsive to our concerns about operating issues at the plant, and she believes it was a beneficial meeting for both SPSA and Wheelabrator. We have seen a tremendous improvement. Wheelabrator is now providing plant status reports twice each day which is helping to improve communication. In addition, Mr. Bagley will be having monthly meetings with Ronnie "Clint" Stratton to discuss any issues. Further, Wheelabrator has agreed to hire additional staff and focus on the cleanliness of the grounds.

Ms. DeVary stated that over the next few months, SPSA Environmental staff will be presenting three presentations, the presentation at today's meeting will be related to our HRSD permit.

Ms. DeVary continued with an update on Cells VIII and IX permitting process. We are in the process of preparing a draft RFP that will solicit third parties to prepare an environmental impact statement for the US Corps of Engineers. The Executive Committee is meeting later today to review the draft purpose and needs statement that HDR has prepared. As the board directed, Ms. DeVary is reviewing these items with the Executive Committee before they are presented to the full board.

The purpose and need statement provides an estimate, based on tonnages and projections, for when we will need additional landfill space. There may be alternative disposal options available, but this does not eliminate the need for landfilling.

Ms. DeVary continued that the majority of the purpose and need statement provides a background of SPSA and basically provides a narrative of the HDR board presentation from May 2019.

Chairman Keifer (NO) followed by stating the board delegated the authority to prepare the purpose and need statement to the Executive Director a few meetings ago. The Executive Committee received the draft at their last meeting. It is a 27-page document and the Executive Committee was allowed time to review the draft and will discuss at the meeting later today. A copy of the draft is available to anyone on the board who wishes to review it.

Ms. DeVary commented that another step in the permitting process is preparing a communications plan. A strategic communications task order was approved and a draft of the plan has been received. The board will be made aware of all communications and the timing of the communications.

Ms. DeVary continued that the next step in the process is to send the Corps the draft purpose and need statement and RFP for review. The purpose and need statement is the basis for what the scope of work will be for the 3rd party consultant, who will be preparing the environmental impact statement. Ms. DeVary added that this part of the process is primarily for the wetlands permitting, but we are working on the DEQ permit concurrently.

Ms. DeVary stated that the Citizens Advisory Committee (CAC) is a regulatory requirement referenced in the Virginia Waste Management Act 10.1-1408-1. This is one of several steps required prior to filing a notice of intent for landfill expansion with DEQ. In order to file the notice of intent, SPSA must provide a statement of the steps taken to seek comments from the residents of the area expansion area. DEQ treats expansion of an existing landfill the same as a new landfill. Per the code, the steps required for seeking public comment include forming a citizens advisory committee to assist SPSA with the selection of the proposed site for expansion. The scope of the CAC is narrow; it is not to look at all possible disposal options but solely to look at whether we should site a new landfill in another member jurisdiction, or expand the existing landfill.

A revised Citizens Advisory Committee roles and responsibility summary was e-mailed to all board members on Monday, August 26th and hard copies are provided today. The revised summary references the Administrative Code and the Code of Virginia. The Administrative Code 9 VAC 20 speaks to a public comment period, but not to the citizens advisory committee. The CAC is solely in the Code of Virginia. Mr. Tisdale has searched for guidance on how the committee should be set up and who should be on it, but there is no guidance available. Ms. DeVary previously provided the information on how SPSA formed a similar committee in 2006, and that is what was used as the basis for forming the CAC.

The revision to the roles and responsibilities includes instruction that the CAC mission is to provide a recommendation to the SPSA board, either in the form of a letter or oral presentation to the board. The revision also includes information regarding the meetings of the CAC, which will be facilitated by a consultant (HDR), who will provide the agenda. The CAC will appoint a chairperson to the committee. SPSA staff will provide support to the CAC in the form of administrative assistance, information gathering and technical expertise. A preliminary meeting schedule is included with the first meeting date expected to be October 29th, 2019. In this meeting, HDR will review the regulatory sighting criteria and some of the analysis that was done previously for the Cell VII permitting. After this meeting,

tours of the landfill will be scheduled at various times for committee members. The committee is expected to finish up their work in January or February 2020. A contact information sheet for each member of the CAC was also included.

Mr. Jenkins (CH) asked for clarification on whether it is expected that the mayor appoint CAC members for his community or is it up to the community to decide.

Ms. DeVary responded that every community is different so we revised the wording to state that each member community should appoint CAC members. Ms. DeVary continued by saying a clean copy of the CAC Roles and Responsibilities will be emailed. The form can be distributed to any potential committee members or to your localities' boards.

Ms. DeVary continued by saying in addition to the CAC, we are also required by the Administrative Code and the Code of Virginia to advertise and hold at least one public meeting in Suffolk to identify issues of concern, facilitate communication and establish a dialogue between SPSA and the persons who may be affected by the issuance of this permit. That meeting would be held sometime in 2020 and will be coordinated with the City of Suffolk. The board will be made aware of the meeting beforehand and we are required to advertise it in the newspaper multiple times. Our timeline for submitting the notice of intent to DEQ is April 2020.

Mr. Barnes (VB) commented that he was involved in 2006 and there was a lot of time spent looking at other potential landfill sites in the region. It was contentious and not very fruitful. Our current direction for the CAC will avoid that or utilize the benefit of having done that previously to demonstrate that sighting another landfill would be extremely difficult, if even possible.

Ms. DeVary added that the purpose and need statement references the previous research on two sites that were considered then; one in Southampton County and one in Isle of Wight. The response of both communities was no, they did not want a landfill located in their community.

Mr. McCoy (PO) followed by stating the cost to generate a new landfill in 2006 far exceeded the cost of the landfill expansion in Suffolk; and he would expect the cost of a new site today to be even greater than it was then. He added that it is important for the board members to get their recommendations for CAC members back into SPSA within the time frame so we can stay on schedule.

Chairman Keifer (NO) agreed and added that the members appointed to the CAC is not restricted. It is up to the communities to appoint them and we are not going to decline anyone.

Mr. Bagley began the Operations Report by noting he has been working closely with Mr. Stratton at Wheelabrator since the meeting the previous month and there has been significant improvement.


In July 2019, 46,233 tons of material were placed in the landfill—an increase of 7,796 tons compared to June. Wheelabrator delivered 11,673 tons of residue to the landfill and 9,442 tons were reclassified as non-qualifying. That number is still high. So far in August the non-qualifying residue totals have decreased because of some corrections to the screener. We believe if the screener stays operational, using the current process, we can be well under 10% of residue being reclassified.

Mr. Bagley continued with July’s total leachate hauled of 528,412 gallons and the total leachate for the month was 1,523,252 gallons. This represents an increase of 93,907 gallons from the previous month. We had no odor complaints in July.

Mr. Bagley introduced Daniel Brown, a new employee in Fleet Maintenance. Mr. Brown has a wealth of military experience and will be able to focus on training and leading our mechanics.

Ms. DeVary introduced Brittany Collins, Landfill and Environmental Compliance Specialist, who will be giving the presentation on environmental compliance.

<p style="text-align: center;">1</p> <p style="text-align: center;">© 2019</p> <h2 style="text-align: center;">Environmental Compliance Series</h2> <p style="text-align: center;">Part 1: HRSD Wastewater Discharge Permit No.0087</p> <p style="text-align: center;">Part 2: Solid Waste Permit 417, Overview of Permit by Rule, and Solid Waste Permits at Western Stations</p> <p style="text-align: center;">Part 3: Virginia Pollutant Discharge Elimination System, and Title V Air Permit</p> <p style="text-align: center;">Presented by: Brittany Collins, Landfill & Environmental Compliance Specialist</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">© 2019</p> <h2 style="text-align: center;">Environmental Compliance Series Part 1</h2> <h1 style="text-align: center;">HRSD Wastewater Discharge Permit No. 0087</h1>
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<p style="text-align: center;">3</p> <p style="text-align: center;">© 2019</p> <h2 style="text-align: center;">Hampton Roads Sanitation District</h2> <ul style="list-style-type: none"> • Permits SPSSA to discharge wastewater to their facilities under limitations provided in the <u>Direct Wastewater Discharge Permit No. 0087</u>. • Limitations on wastewater include: quantity, quality, means of discharge, etc. • HRSD has the right to stop or change permit requirements and/or discharge limitations at anytime. • We discharge to HRSD both directly from the Landfill and via pump and haul at permitted discharge locations. 	<p style="text-align: center;">4</p> <p style="text-align: center;">© 2019</p> <h2 style="text-align: center;">Sources of Waste Water</h2>  <ul style="list-style-type: none"> • The leachate from the Landfill. • Suffolk Transfer Station, Administration Building, RLDF Scale House, and Tire Shredder Sanitary lines. • Tipping floor water directly from the Suffolk Transfer Station. • Tipping floor water from leachate storage tanks at all other Transfer Stations, excluding Chesapeake. <ul style="list-style-type: none"> ◦ Chesapeake Transfer Station leachate is disposed of directly into the City of Chesapeake’s sanitary sewer line.
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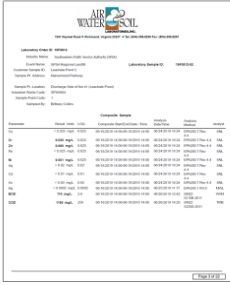
Permitting requirements

- Effluent limitations:
 - SPSA performs monthly samplings,
 - SPSA performs semi-annual samplings.
- Monthly reporting to include:
 - Pump and Haul data,
 - Discharge quantities,
 - Laboratory data from samplings,
 - Meter specifications and calibrations
- HRSD determines the sampling procedure and frequency that SPSA follows to perform its monthly and semi-annual sampling events.
- HRSD also performs their own monthly and semi-annual sampling events.
 - These results can result in a violation if the results are outside of the permitted limitations.

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Effluent Limitations

- HRSD sets requirements for testing parameters in SPSA's Wastewater Discharge Permit.
- Samples are taken directly from the leachate settling pond.
- SPSA's Monthly Sampling parameters include:
 - Metals, Phenolic compounds, pH, etc.
- SPSA's Semi-Annual Sampling parameters include:
 - HRSD Toxic Organics List
- The limitations are strict and must be in compliance whether from SPSA's sampling events or HRSD's sampling events.



Example of permit data

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Semi-Annual Inspections

- Semi-annual inspections are performed by HRSD's Permit Specialist with SPSA's Environmental Compliance Specialist present.
- During the inspection, HRSD verifies :
 - Monitoring data,
 - Site maintenance and upgrades related to wastewater,
 - Sampling procedure verification,
 - Equipment functionality, both sampling equipment and pumps,
 - The Wastewater stream.

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Monthly Reporting

- SPSA is required to provide a Self-Monitoring Report to HRSD on a monthly basis.
- The HRSD Self-Monitoring Report includes information; such as:
 - Effluent Limitation Data and Laboratory Analysis
 - Pump and Haul Quantities for all permitted discharge locations.
 - Discharge Quantities through the Force Main.

SPSA REGIONAL LANDFILL					
HRSD Permit Number 0087					
Month and Year: June 2019					
MONTHLY LEACHATE DISPOSAL QUANTITIES - Pump and Haul Meter #14814374					
DISCHARGE LOCATION: Washington St.					
Day	Truck #	Totalizer Start	Totalizer Stop	Gallons Hauled	Discharge Time
1	2315	4534505.0	4537100.0	4595.0	11:33
	2315	4541694.0	4546288.0	4594.0	15:10
	2317	4387913.0	4532505.0	4593.0	10:45
	2317	4537100.0	4541694.0	4594.0	12:30
	2317	4546288.0	4550883.0	4595.0	15:30

9

Inspections, con't:

- The HRSD permit is focused on wastewater flow, however HRSD often checks for storm water controls and spill controls during inspections.
- Storm water and spill response confirms that no contamination has occurred to the wastewater stream.

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Summary

- The HRSD Direct Wastewater Discharge Permit regulates our wastewater discharge to HRSD treatment plants.
- SPSA's Environmental Staff perform monthly and semi-annual samplings on the wastewater to verify quality is within the standards set by the Direct Wastewater Discharge Permit.
- SPSA's Environmental Staff monitors and reports quantity of wastewater is within the standards set by the Direct Wastewater Discharge Permit.
- SPSA's Environmental Staff reports on time to HRSD through our Self-Monitoring Reports that are due monthly.
- SPSA's Environmental Staff and HRSD perform semi-annual inspections that include monitoring data, site maintenance, and other topics relevant to the wastewater stream.

Mr. McCoy (PO) thanked Ms. Collins for her presentation and stated one of the largest concerns we should have as a board is environmental issues, and this is the first time something like this has been presented to the SPSA board. He followed by saying that SPSA staff has built a phenomenal relationship with HRSD.

Mr. Maxwell (CH) asked if the sampling methodology is established by HRSD or SPSA?

Ms. Collins answered HRSD.

6. WHEELABRATOR PORTSMOUTH MONTHLY REPORT

Mr. Stratton began by thanking Mr. Bagley and Ms. DeVary for the positive feedback and agreed that they have seen improvement at the Wheelabrator facility and will continue to build on the partnership with SPSA.

Mr. Stratton presented the July 2019 operational report for Wheelabrator Portsmouth:

Wheelabrator Portsmouth July 2019
Operational Data

49,698 Tons	54,836 Tons	42,251 Tons	11,673 Tons	14,290 MW
Total waste received by SPSA	Waste delivered to RDF	Total RDF processed	Ash sent to landfill	Electric power sold

30,350 K-LBS	91%	99%	0	1
Steam sold to U.S. Navy	Overall boiler availability	Overall generator availability	OSHA recordable accidents	OSHA recordable accidents YTD

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After reviewing the operational data, Mr. Stratton continued by updating the board with a status of Wheelabrator equipment. There was an outage on the number 3 boiler in July to include major work on the grate, flue gas, and pressure parts. The B line shredder that was damaged in the fire had structural and upper bearing issues. It will be another two to four weeks before the motor work is completed. Wheelabrator is working with senior leadership to procure a shredder that will serve as a true spare. The shredder motor that was on site during the sale of the facilities does not work for the new water-cooled shredders since they've been upgraded.

Mr. Stratton stated the tipper door closure mechanism has been built. In two to three weeks, he expects it to be installed and tested.

Mr. Stratton added that we have two tippers at the RDF facility. You can either discharge on the tipping floor or tip your truck. With the new contract, there were discussions regarding SPSA's use of the tipper to avoid tipping floor traffic and wait times. The challenge with the SPSA vehicles is the right-hand hinge doors were a safety issue. A mechanism was made by MBI to alleviate the safety concern with the doors.

Chairman Keifer (NO) added that in the July meeting with Wheelabrator, SPSA noted concerns about the efficiency of Wheelabrator operations. He thanked Wheelabrator for their efforts thus far.

7. **FINANCIAL REPORT**

Ms. DeVary reviewed the financial information for the month ending July 31, 2019. Total revenues exceeded total expenses by approximately \$1.3 million as compared to \$1.2 million in the previous fiscal year. Year to date tipping fees reflect an increase of 8% or \$292,000 as compared to July of 2018. The municipal waste stream is up approximately 5% or 1,958 tons from what we received last July. Municipal tonnages as of the end of July were 40,227.

Ms. DeVary continued with total expenses for the month ending July 31, 2019 were approximately \$2.9 million as compared to \$3 million in the prior year.

Cash balances are \$33.4 million; currently designated as \$1.1 million in operating, \$753,000 in FY2019 rolled purchase orders, \$6.5 million in undesignated fund balance, \$2.5 million for the proposed HRSD force main, and \$23 million in landfill expansion and closure.

Ms. Raulston (FR) moved, seconded by Mr. Keaton (IW) to approve the SPSA financial report as presented. The vote of the motion was unanimous.

8. **Contracts**

Ms. DeVary introduced a contract for the purchase of a hydroseeder for the landfill. The hydroseeder will be used to promote accelerated growth and vegetation on the finished slopes. The purchase is from James River Equipment utilizing a Sourcewell Cooperative contract. The total budget was \$66,636 and the total cost is \$65,870.

Mr. Keaton (IW) moved, seconded by Mr. Broad (NO) to award the contract for a hydroseeder to James River Equipment as presented. The vote of the motion was unanimous.

Ms. DeVary continued with the next contract for a service truck that will be utilized at the landfill, as well as transfer stations. This is part of our replacement plan and it replaces a 2010 F550 mobile crane service truck that has 148,000 miles. We are seeing increased maintenance costs on this vehicle and expect them to continually increase. Staff was able to find a truck at Bayshore Ford Truck Sales, Inc. that is already built to the required specs and is based on a cooperative procurement agreement with the State of Delaware. The total budget was \$160,000 and the total cost is \$118,097. The shipping cost is \$700.

Ms. Lowe (SH) moved, seconded by Mr. Ashby (PO) to award the contract to Bayshore Ford Truck Sales, Inc. as presented. The vote of the motion was unanimous.

Ms. DeVary continued with an Ancillary Services Agreement with the City of Chesapeake. The City is requesting that SPSA operate the Chesapeake Transfer Station on Saturday and Sunday from noon to 4 PM each day. This service has been provided for the City of Norfolk for several years. The Use and Support Agreement require these additional services to be handled with an Ancillary Service Agreement. This also ensures that each community is

paying for additional services they are requesting outside of normal services. There will be no residential drop off permitted at the Chesapeake Transfer Station from Tuesday – Friday. The City will pay the current municipal tip fee of \$57 per ton with a minimum daily payment of \$1,524. The \$1,524 is the minimum daily cost of operating the transfer station. The City of Chesapeake approved the agreement on August 19, 2019. Mr. Tisdale approved the form of the agreement and prepared a resolution, included in the board packet on page 33.

Ms. DeVary added this a positive development. It will keep residents out of the transfer station during the week and will help to alleviate some safety concerns and long wait times that affect municipal collection. The total number of trips at the Chesapeake Transfer Station in the first six months of 2019 was 23,400 and approximately 10,000 of those trips were from residential customers.

Mr. Keaton (IW) asked if we will utilize existing staff with overtime to cover the additional hours. Mr. DeVary answered that existing staff will cover the additional time.

Mr. Broad (NO) moved, seconded by Mr. Maxwell (CH) to approve the Resolution for the Chesapeake Transfer Station Ancillary Agreement as presented. The vote of the motion was unanimous.

9. OTHER BUSINESS

No other business was presented to the board.

10. ADJOURN MEETING

There being no further business to come before the Board of Directors the regular meeting was adjourned at 10:20AM.

Liesl R. DeVary
Executive Director

Submitted by: Sandy Schreiber, Secretary, SPSA Board of Directors

5. Executive Director Updates

Attachments:

- Permit Compliance Presentation – Series 2 of 3
- Landfill Operational Summary

Landfill Operational Summary

SPSA Regional Landfill Operational Summary		KEY:			
Period	August 1st, 2019 to August 31st, 2019		Change Since Last Report		
			All Is Well		
			Working On		
			Noted Issue		
Item	Metric Item	Metric	Performance/Comment	Status Code	Comments/Corrective Actions
1	Regulatory Compliance				
1.1	Notice of Violations	None	In Compliance		
1.2	Environmental compliance and reporting	Compliance	All submissions made.		
1.2.1	Solid waste operations	Compliance	In Compliance		No issues during the reporting period.
1.2.2	Title V	Compliance	In Compliance		Annual Emissions Report and Title V Reporting submitted to VDEQ for re-issuance of Title V Permit on 05/16/2017. Spoke with DEQ on 9/12/18 and was advised that they still have not performed the technical review or administrative review. They are short handed and we should not expect feedback for another six months to one year.
1.2.3	VPDES	Compliance	In Compliance		Permit submitted on time. Extension given for some samples that required waiting for qualifying rain events. Awaiting response from DEQ for further action or acceptance.
1.2.4	Financial Assurance	Compliance	In compliance		
1.2.5	Wetlands	Compliance	In Compliance		
1.2.6	Groundwater	Compliance	In Compliance		3rd quarter sampling event completed 7/31. Two resamples conducted. Groundwater report submitted with exceedances within CAMP limits.
1.2.7	Storm water system operating and in compliance with VPDES permit	Systems operational and in good order	In Compliance		In compliance.
2	Landfilling Operations				
2.1	Tonnage Landfilled	Actual Tons	34,977		
2.2	No. staff	16.5	12.5		4 - Vacancies (1-HEO SR, 2-HEOs, 1-SWA)
2.2	Equipment Utilization	Key equipment fully operational and deployed	All equipment operating and deployed with appropriate spares		Several pieces are down for routine maintenance and repair but appropriate spares are operating.
3	Cover Operations				
3.1	Total Cover Material Received	Actual Tons	14,334		
3.2	Date of last aerial survey	12/17/2018			
3.3	December 2018 Operational In-Place Density (lbs./cy)	1,600-1,800lbs/cy	1,788 lbs./cy or AUF = 0.894		AUF within range of expected operational airspace consumption. Changing waste stream with MSW from western communities will impact Operational AUF. Need to continue to monitor to ensure we stay within range to maintain life expectancy of Cell VI
3.4	December 2018 Effective In-Place Density (lbs./cy)	1,600 lbs./cy	2005 lbs./cy or AUF = 1.00		Still well above targeted long term airspace utilization.

Item	Metric Item	Metric	Performance/Comment	Status Code	Comments/Corrective Actions
4	Leachate Management				
4.1	Pump stations operational during period	100 % Operational	All pump stations are operational, pump performance is being monitored, and repairs/replacements made as necessary.		All vaults are operational.
4.2	SCADA system operational during period	100 % Operational	Fully operational		SCADA is fully operational.
4.3	Flow meter system functional during period	100 % Operational	All 8 Cell V/VI Pump Stations are now operational		Flow Meters can now be logged to history in Scada system and reviewed as needed.
4.4	Leachate Levels	In compliance	In compliance.		1. In compliance at all 8 pump station locations. 2. Flow generation remain < 40,000 GPD typically.
4.5	Leachate Disposal	In compliance			Reserve capacity of leachate lagoons are measured and recorded each day. Calculations are performed daily on the volume hauled, volume produced and storage capacity to determine the quantity of leachate that needs to be hauled each day. April 15th, SPSA began discharging through the force main to HRSD at a low flow rate for 24-hr intervals. This has been successful for both SPSA and HRSD's SWIFT Program thus far. SPSA will continue to utilize this method until further notice. SPSA continues to utilize pump and haul operations at smaller rates, as well.
4.5.1	Quantity of leachate pumped to HRSD during period	x gallons	681,512		From 8/1 to 8/31
4.5.1.1	Cell V, Sumps 1-4	x gallons	386,159		From 8/1 to 8/31
4.5.1.2	Cell VI, Sumps 5-8	x gallons	439,199		From 8/1 to 8/31
4.5.2	Quantity of leachate hauled for disposal during period	x gallons	698,421		From 8/1 to 8/31
4.5.3	Disposal costs in period: \$		\$ 21,953		From 8/1 to 8/31
4.5.4	Any issues relative to leachate quality and acceptance at WWTPs?	No constraints	No constraints		
5	Landfill Gas Management	Compliance	In compliance		3rd quarter surface emissions monitoring and gas monitoring completed. No exceedances to report.
6	Odor Complaints	No complaints	No complaints		From 8/1 to 8/31
7	HRSD Force Main	Contract Schedule	None provided to date.		Still only have (unofficial) tentative date of completion to be in 2022

6. Wheelabrator Portsmouth Monthly Report

September 13, 2019

Liesl R. DeVary
Southeastern Public Service Authority
723 Woodlake Drive
Chesapeake, VA 23320

Dear Ms. DeVary:

Please find attached the Monthly Report for Wheelabrator Portsmouth Inc. facility required by Schedule 15 of the Service Agreement. Should you have any questions on any of the items covered herein please do not hesitate to contact me.

Sincerely,

Clint Stratton
Plant Manager, Wheelabrator Portsmouth

enclosure

**WHEELABRATOR PORTSMOUTH INC
TONNAGES REPORT
CALENDAR YEAR 2019**

MONTH	SPSA ACCEPTABLE WASTE (TONS)			OUT-OF-STATE WASTE (TONS) *		OUTSIDE-AREA WASTE (TONS)		TOTAL TONNAGE		NAVY STEAM DELIVERED (K-LBS)		ALL WASTE ACCEPTED AT RDF (TONS)		NP REMOVED FROM RDF (TONS)		PROHIBITED WASTE		RDF WASTE DIVERTED TO LANDFILLS (TONS)		PROCESSED WASTE (CALC) FORMULA		ASH DELIVERED TO LANDFILL (TONS)		MW SOLD TO THE GRID (MWHr)		
	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)	WASTE (TONS)
JAN	43,639.86	8,796.40	671.02	-	53,107.28	83,072	53,107.28	4,342.25	-	1,023.16	48,765.03	50,095.33	14,823.46	15,841												
FEB	35,824.65	9,937.79	825.26	-	46,587.70	69,621	46,587.70	4,075.29	-	42,512.41	39,891.88	9,649.18	12,567													
MAR	41,971.42	6,163.44	909.63	-	49,044.49	74,327	49,044.49	4,067.70	-	228.28	44,976.79	47,129.38	11,545.49	15,084												
APR	48,293.43	8,246.30	853.98	-	57,393.71	48,052	57,393.71	4,485.86	-	1,074.83	52,907.85	50,643.08	14,102.74	17,654												
MAY	51,531.79	7,850.32	794.43	-	60,176.54	32,175	60,176.54	4,138.34	-	3,275.50	56,038.20	55,457.50	14,714.38	20,809												
JUN	45,159.95	6,450.03	1,014.33	-	52,624.31	29,459	52,624.31	4,614.81	-	4,505.09	48,009.50	51,305.24	14,377.54	18,570												
JUL	49,698.24	4,543.49	593.89	-	54,835.62	30,350	54,835.62	5,136.59	-	3,247.16	49,699.03	45,250.62	11,673.06	14,290												
AUG	51,074.19	10,310.81	1,237.92	-	62,622.92	30,034	62,622.92	7,879.65	-	443.74	54,743.27	51,082.59	13,742.59	16,517												
SEP																										
OCT																										
NOV																										
DEC																										
YTD TOTAL	367,193.53	62,298.58	6,900.46	-	436,392.57	397,089.60	436,392.57	38,740.49	-	13,797.76	397,652.08	390,855.62	104,628.44	131,332.00												

* NOTE: This is material brought in from the nearby counties in NC provided for under the Service Agreement.

**WHEELABRATOR PORTSMOUTH INC
AVAILABILITY
CALENDAR YEAR 2019**

MONTH	BOILER AVAILABILITY (%)	BOILER PLANNED OUTAGES (HRS)	BOILER UNPLANNED OUTAGES (HRS)	TURBINE AVAILABILITY	TURBINE PLANNED OUTAGES (HRS)	TURBINE UNPLANNED OUTAGES (HRS)
JAN	92%	166.90	67.40	90%	81.00	241.40
FEB	94%	149.00	10.00	93%	148.00	1.00
MAR	92%	192.00	42.00	96%	71.00	10.00
APR	86%	291.00	108.00	98%	-	50.00
MAY	96%	-	126.00	99%	-	14.00
JUN	90%	144.00	145.00	100%	-	-
JUL	91%	176.00	87.00	99%	-	13.00
AUG	87%	167.00	224.00	98%	12.00	41.00
SEP						
OCT						
NOV						
DEC						
YTD TOTAL	91%	1,285.90	809.40	97%	312.00	370.40

WHEELABRATOR PORTSMOUTH INC

SUPPLEMENTAL INFORMATION

August 2019

Total Waste received by SPSA:	51,074 tons
Waste delivered to RDF:	62,623 tons
Total RDF processed:	51,083 tons
Ash sent to landfill:	13,743 tons*
Electric power sold:	16,517 MW
Steam sold to Navy:	30,034 K-LBS
Overall Boiler availability:	87%
Overall Generator availability:	98%
Environmental Incidents	0

OSHA Recordable Accidents this period:	1
OSHA Recordable Accidents YTD:	2

General Notes:

* This total includes 6,830.92 tons of non-qualifying residue delivered to the landfill this period.

This was driven by downtime on rental screen unit

Completed outage on #4 boiler this period, major work included grate overhaul to include chain and bar replacement, flue gas repairs, pressure part and ash removal work to ensure boiler reliability

Wheelabrator Portsmouth Inc.

Monthly Report for the Month of August 2019

This report is submitted in accordance with the Waste Disposal & Services Agreement, section 3.17.1.

Environmental Issues:

Contractor has not received any notices in violation (NOV) or orders, and no such NOVs, proceedings, orders or investigations are pending, for the subject period.

Tests Completed:

Monthly Industrial Discharge Samples
Fuel Oil Sample

Tests Planned:

Monthly Industrial Discharge Samples
Fuel Oil Sample(s)
Storm Water Sample
Quarterly GHG Test

Inspections:

Air Quality Violations:

None

Safety Issues:

OSHA Recordable Accidents this period:	1
OSHA Recordable Accidents YTD:	2
Lost Time Accidents this period:	0
Lost Time Accidents YTD:	1

Op Stats: see attached spreadsheet

Upcoming Planned Outages:

2019 Outages

Jan 20-25	Boiler 2
Feb 17-24	Boiler 3
March 17-24	Boiler 4
April 14-21	Boiler 1
May	No outage
June 9-14	Boiler 2
July 14-19	Boiler 3
August 11-16	Boiler 4
October	Boiler 1
November 10-16	Boiler 2
December 15-20	Boiler 3

7. Financial Report

Statement of Revenue and Expenses – Budget to Actual Comparison

For the month ending August 31, 2019, total revenues exceeded total expenses by approximately \$1.8 million as compared to \$1.7 million in the previous year.

Tipping fee revenue received reflects an increase of 1.7% or approximately \$134,000 as compared to fiscal year 2019. Municipal waste tons are up approximately 1.1% or 871 tons as compared to fiscal year 2019.

For the month ending August 31, 2019, total expenses were approximately \$6.7 million as compared to \$7.1 million incurred in the previous fiscal year.

Monthly Expense Line Items

This report provides the actual expenses by month by the type of expense. The majority of the line items vary in amounts from month to month because they are either: (1) dependent on usage, or (2) timing of payment and/or check date.

Monthly Comparison of Revenues and Expenses

This report illustrates the monthly revenues and expenses. An explanation is included under each graph if there is a sizeable variance. The straight line in each graph represents the fiscal year 2020 budget on a straight-lined basis and the line graph represents the prior fiscal year for comparison.

Waste Stream Report

This report has been developed to provide the status of tonnages received as compared to the amounts budgeted. For the month ending August 31, 2019, municipal waste tonnages reflect an increase of 1.1% or approximately 871 tons as compared to August 2018.

Treasurer's Report of Cash Balances

This report captures the monthly activity in each of the depository accounts grouped as either unrestricted and designated funds or trust funds. As of August 31, 2019, operating cash balances were approximately \$34.1 million representing approximately \$1.3 million in the operating account, \$5.9 million in undesignated fund balance, \$613,547 for FY 2019 Rolled Purchase Orders, \$2.5 million reserved for the HRSD Force Main and \$23.8 million designated for landfill expansion/closure.

Motion: Do I hear a motion that the SPSA Monthly Financial Reports, subject to audit, be approved as presented?

Southeastern Public Service Authority
Statement of Revenue and Expenses - Budget to Actual Comparison
For the Period Ending August 31, 2019

	August 2019				August 2018			
	Adjusted Budget	Month	FYTD	% of Budget	Adjusted Budget	Month	FYTD	% of Budget
REVENUES								
Tipping Fees	\$ 41,631,237	\$ 3,897,871	\$ 7,897,443	19.0%	\$ 37,720,239	\$ 4,055,923	\$ 7,763,613	20.6%
Tire program	515,200	59,271	118,255	23.0%	332,000	80,795	130,799	39.4%
Household Hazardous Waste Revenue	305,000	33,317	63,536	20.8%	250,000	26,291	44,326	17.7%
White Goods Program	35,000	3,349	6,547	18.7%	40,000	1,717	3,949	9.9%
Landfill Gas Recovery	312,000	21,203	39,297	12.6%	335,000	32,373	64,747	19.3%
Miscellaneous Income	333,775	11,290	64,366	19.3%	214,950	23,027	210,822	98.1%
Interest Earnings	350,000	66,576	96,836	27.7%	180,000	11,699	25,688	14.3%
A Fund Balance / Capital / Rolled PO's	799,255	138,577	185,708	23.2%	2,173,044	405,405	591,675	27.2%
Fund Balance / Landfill Expansion	-	-	-	N/A	2,500,000	-	-	0.0%
TOTAL REVENUES	\$ 44,281,467	\$ 4,231,454	\$ 8,471,987	19.1%	\$ 43,745,233	\$ 4,637,230	\$ 8,835,619	20.2%
OPERATING EXPENSES								
Administration								
Salaries / Wages	\$ 892,877	\$ 86,825	\$ 115,784	13.0%	\$ 882,617	\$ 84,899	\$ 117,169	13.3%
Employee Benefits	231,231	16,004	27,986	12.1%	227,468	16,989	30,331	13.3%
A Professional / Contracted Services	733,969	34,011	40,701	5.5%	645,915	87,983	91,159	14.1%
Other Operating Expenses	231,521	15,685	26,549	11.5%	208,900	16,521	21,634	10.4%
Materials / Supplies	15,586	675	914	5.9%	15,498	118	542	3.5%
Total Administration	\$ 2,105,184	\$ 153,201	\$ 211,934	10.1%	\$ 1,980,398	\$ 206,511	\$ 260,836	13.2%
Environmental Management								
Salaries / Wages	\$ 291,479	\$ 33,924	\$ 45,511	15.6%	\$ 284,161	\$ 32,552	\$ 44,734	15.7%
Employee Benefits	101,641	9,123	16,539	16.3%	96,980	9,163	15,636	16.1%
Professional / Contracted Services	74,200	10,158	10,470	14.1%	43,160	(404)	447	1.0%
Other Operating Expenses	10,174	394	708	7.0%	7,168	354	593	8.3%
A Materials / Supplies	22,368	597	1,038	4.6%	20,620	1,227	1,299	6.3%
Total Environmental Management	\$ 499,862	\$ 54,197	\$ 74,266	14.9%	\$ 452,089	\$ 42,891	\$ 62,708	13.9%
Operations								
Salaries / Wages	\$ 5,841,183	\$ 651,162	\$ 871,547	14.9%	\$ 5,539,339	\$ 621,436	\$ 885,818	16.0%
Employee Benefits	1,940,329	162,635	290,094	15.0%	1,924,879	167,329	306,777	15.9%
A Professional / Contracted Services	2,920,331	210,286	335,278	11.5%	2,868,719	248,628	380,054	13.2%
Other Operating Expenses	1,066,852	81,513	114,911	10.8%	864,252	59,697	94,266	10.9%
Materials / Supplies	1,883,733	120,523	226,400	12.0%	1,776,064	178,928	256,645	14.5%
Total Operations	\$ 13,652,428	\$ 1,226,120	\$ 1,838,231	13.5%	\$ 12,973,253	\$ 1,276,017	\$ 1,923,560	14.8%
TOTAL OPERATING EXPENSES	\$ 16,257,474	\$ 1,433,518	\$ 2,124,432	13.1%	\$ 15,405,740	\$ 1,525,420	\$ 2,247,105	14.6%
CAPITAL PROJECTS / EQUIPMENT REPLACEMENT								
A RLF - SCADA System Leachate System	11,770	-	-	0.0%	-	-	-	-
A HHW Relocation	65,928	37,615	37,615	57.1%	-	-	-	-
A CIS -Roof Repairs	72,283	68,643	68,643	95.0%	-	-	-	-
A Cell 8/9 Permitting	544,834	7,618	7,618	1.4%	-	-	-	-
A IT - Executime Software	40,439	-	22,365	55.3%	-	-	-	-
A HHW - Gator	14,792	-	14,792	100.0%	-	-	-	-
RLF - Asphalt Overlay	736,000	-	-	0.0%	-	-	-	-
RLF - Leachate Pond Cleaning	75,000	-	-	0.0%	-	-	-	-
RLF - Hydro Seeder	66,636	-	-	0.0%	-	-	-	-
Safety - SUV Replacement	22,500	-	22,482	99.9%	-	-	-	-
FLT - Field Service Truck	160,000	-	-	0.0%	-	-	-	-
TSP - Road Tractors	1,184,464	-	-	0.0%	-	-	-	-
TSP - SUV Replacement	22,500	-	22,482	99.9%	-	-	-	-
Ivor - Compactor & Boxes	75,000	-	-	0.0%	-	-	-	-
STS - Inbound Scales	225,000	-	-	0.0%	-	-	-	-
ROB - Parking Lot Repairs/Sealcoat	50,000	-	-	0.0%	-	-	-	-
FLT - SUV Replacement	22,500	-	22,482	99.9%	-	-	-	-
RLF - Dozier	899,000	-	-	0.0%	-	-	-	-
Undesignated	96,400	-	-	0.0%	-	-	-	-
TOTAL CAPITAL PROJECTS/EQUIPMENT REPLACEMENT	\$ 4,385,046	\$ 113,876	\$ 218,480	5.0%	\$ 7,821,724	\$ 405,405	\$ 591,675	7.6%
OTHER USES								
Contracted Waste Disposal	\$ 19,295,197	\$ 1,842,095	\$ 3,587,668	18.6%	\$ 17,106,830	\$ 1,875,212	\$ 3,707,375	21.7%
Virginia Beach Environmental Trust Fund	-	-	-	N/A	-	-	-	N/A
Suffolk Environmental Trust Fund	5,000	-	-	0.0%	5,000	-	-	0.0%
Reserves for Landfill Expansion/Closure	4,338,750	361,563	723,125	16.7%	3,405,939	283,828	567,656	16.7%
TOTAL OTHER USES	\$ 23,638,947	\$ 2,203,657	\$ 4,310,793	18.2%	\$ 20,517,769	\$ 2,159,040	\$ 4,275,031	20.8%
GRAND TOTAL EXPENSES	\$ 44,281,467	\$ 3,751,051	\$ 6,653,705	15.0%	\$ 43,745,233	\$ 4,089,865	\$ 7,113,811	16.3%
NET REVENUES / (EXPENSES)	\$ -	\$ 480,403	\$ 1,818,282		\$ -	\$ 547,365	\$ 1,721,808	

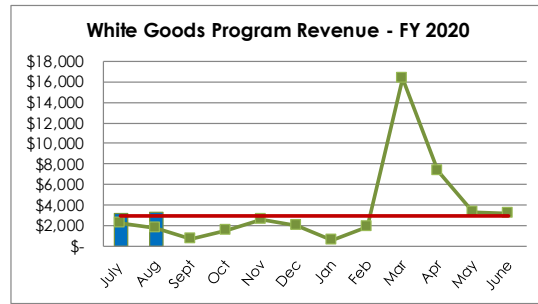
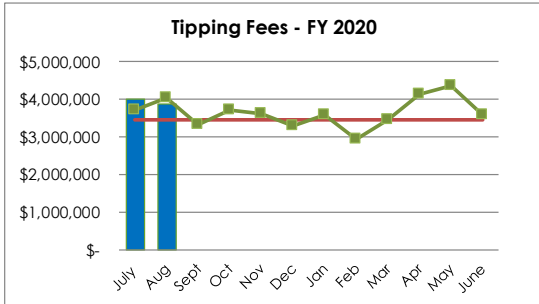
A Budget has been adjusted by \$799,255 for purchase orders rolled over from FY 2019.

Southeastern Public Service Authority
Monthly Expense Line Items

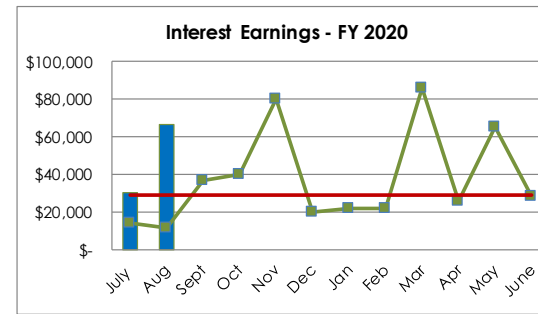
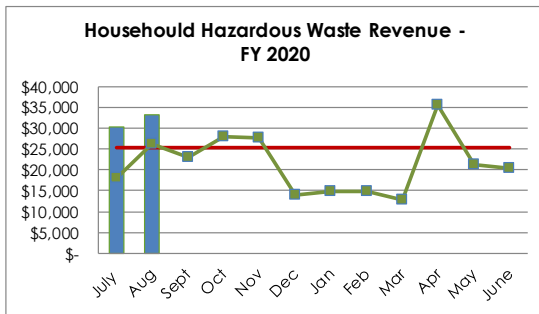
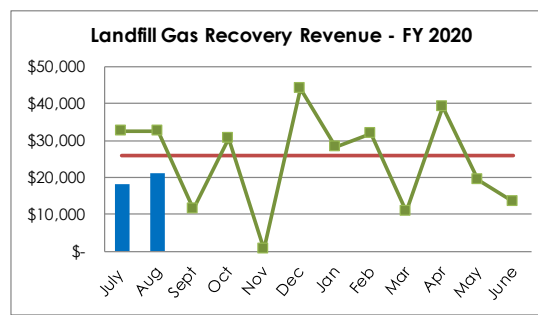
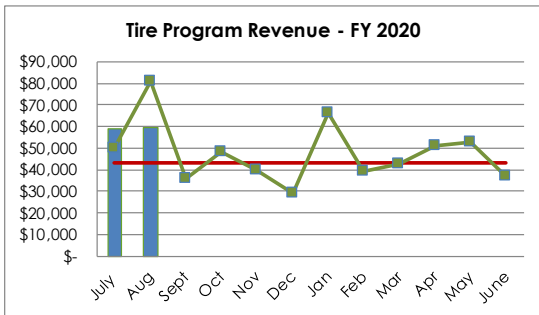
Description	FY 2020 Budget	Jul-19	Aug-19	Sep-19	FYTD	From Previous Month \$ Change	% Change
Salaries Exempt	\$ 1,969,492	\$ 71,245	\$ 219,931		\$ 291,176	\$ 148,687	208.7%
Salaries Non-Exempt	4,755,955	156,831	472,498		629,329	315,667	201.3%
Overtime	300,092	32,856	79,482		112,338	46,626	141.9%
Fica / Medicare Tax	537,452	19,002	57,535		76,536	38,533	202.8%
VRS Retirement	41,653	2,923	2,961		5,885	38	1.3%
Health Insurance	1,408,744	103,638	105,821		209,459	2,184	2.1%
Vrs Group Life Insurance	84,794	6,270	6,355		12,625	85	1.4%
Unemployment Insurance	5,604	56	122		177	66	118.7%
Workers Compensation	194,954	14,969	14,969		29,938	-	0.0%
Medical Fees	12,200	-	856		856	856	N/A
Security Service	81,728	1,588	10,997		12,586	9,409	592.3%
Professional Services	201,980	3,611	18,769		22,379	15,158	419.8%
Engineering Services	285,433	-	16,357		16,357	16,357	N/A
Landfill Survey	15,000	-	-		-	-	N/A
Legal Fees	325,000	-	6,937		6,937	6,937	N/A
Environmental Testing	103,400	212	21,247		21,459	21,035	9906.2%
Fire Protection	7,000	276	1,529		1,805	1,253	454.0%
Temporary Employment Services	0	2,128	2,088		4,216	(40)	-1.9%
Uniform Rental	50,394	1,505	1,762		3,267	257	17.1%
Maintenance Service Agreements	155,529	2,475	1,803		4,278	(672)	-27.1%
Grounds Maintenance	112,667	604	16,838		17,442	16,233	2685.5%
Hazardous Waste Disp/Cleanup	57,000	-	9,968		9,968	9,968	N/A
Equipment Maintenance	1,042,185	19,829	58,672		78,501	38,842	195.9%
Building / Site Maintenance	591,954	12,149	16,625		28,775	4,476	36.8%
Leachate Pumping Station Maint	37,500	-	3,177		3,177	3,177	N/A
Printing	300	-	-		-	-	N/A
Advertising	13,700	-	263		263	263	N/A
Permit Fees	75,530	-	3,942		3,942	3,942	N/A
Suffolk Host Fee	560,000	87,615	62,626		150,240	(24,989)	-28.5%
Electricity	222,700	3,413	27,173		30,586	23,761	696.2%
Heating/Gas/Propane	14,000	-	60		60	60	N/A
Water / Sewer	50,200	-	1,588		1,588	1,588	N/A
Leachate Treatment	398,000	-	26,380		26,380	26,380	N/A
Telephone	121,000	6,059	5,834		11,893	(224)	-3.7%
Postage	2,760	-	118		118	118	N/A
Radio Communication & Repair	10,900	-	-		-	-	N/A
Insurance & Bonding	194,492	16,489	15,989		32,478	(500)	-3.0%
Equipment Rental	35,000	-	328		328	328	N/A
Land Lease Payment	3,500	292	292		583	-	0.0%
Tire De-Rimring Service	10,000	-	-		-	-	N/A
Travel And Training	28,145	143	143		286	0	0.2%
Road Tolls	159,375	14,463	15,694		30,157	1,232	8.5%
Membership & Professional Dues	4,558	-	433		433	433	N/A
Bank Fees	42,917	3,393	3,560		6,953	166	4.9%
Awards Programs	10,000	325	-		325	(325)	-100.0%
EMS Support Program	1,000	-	-		-	-	N/A
Office Supplies	13,620	156	841		997	685	438.8%
Dues & Subscriptions	15,750	202	79		281	(123)	-61.0%
Other Operating Supplies	105,710	619	6,157		6,776	5,539	895.1%
Vehicle / Equipment Fuel	958,899	53,623	51,172		104,795	(2,451)	-4.6%
Vehicle / Equipment Tires	772,300	51,413	55,189		106,602	3,776	7.3%
Safety Apparel & Equipment	26,740	343	2,027		2,369	1,684	491.2%
Small Equipment	18,668	201	6,331		6,531	6,130	3055.8%
Computer Hardware	10,000	-	-		-	-	N/A
Total Operating Expenses	\$ 16,257,474	\$ 690,914	\$ 1,433,518	\$ -	\$ 2,124,432	\$ 742,604	107.5%
Capital Projects/Equip Replacement	\$ 4,385,046	104,604	113,876	-	218,480	9,272	8.9%
Contracted Waste Disposal	19,295,197	1,745,574	1,842,095	-	3,587,668	96,521	5.5%
Suffolk Environmental Trust Fund	5,000	-	-	-	-	-	N/A
Reserves for Landfill Expansion/Closure	4,338,750	361,563	361,563	-	723,125	-	0.0%
Total Expenses	\$ 44,281,467	\$ 2,902,654	\$ 3,751,051	\$ -	\$ 6,653,705	\$ 848,397	29.2%

**Southeastern Public Service Authority
Monthly Comparison of Revenues and Expenses**

FY 2020 (bar)
FY 2019
FY 2020 Budget

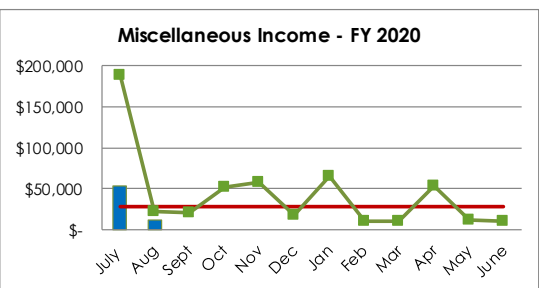


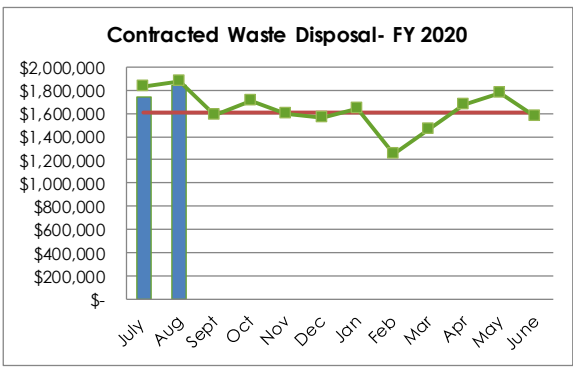
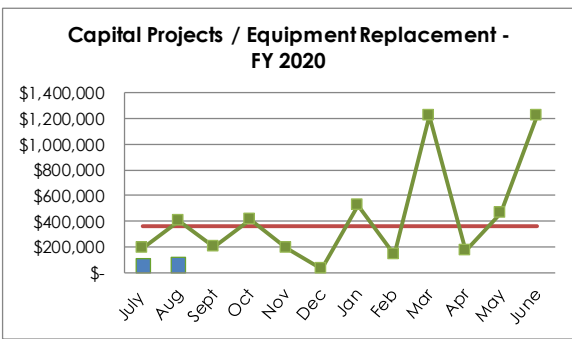
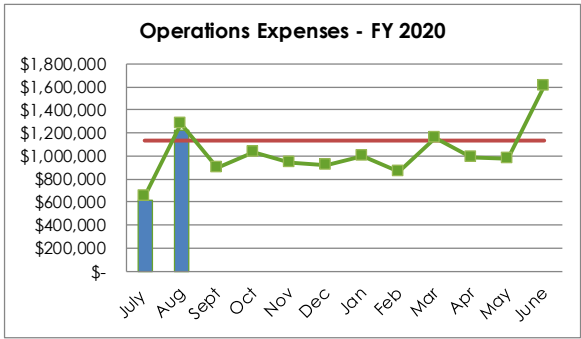
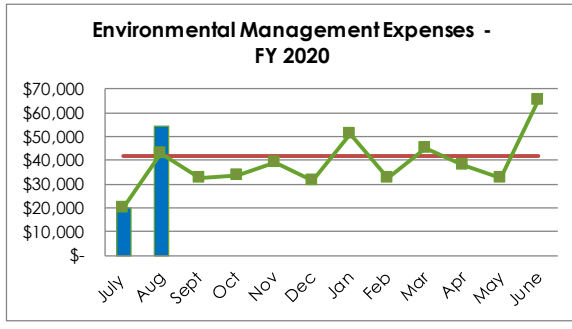
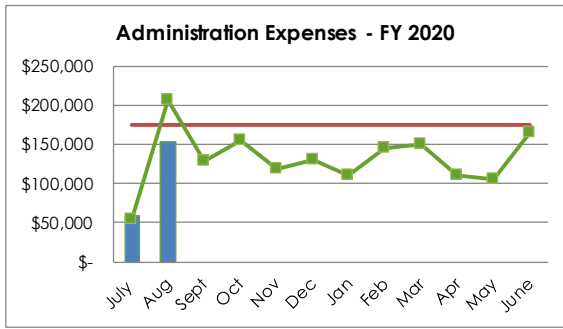
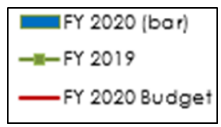
* Monthly revenue is dependent on users.



* Monthly revenue is dependent on users.

Interest payments vary based on investment date and maturity date.

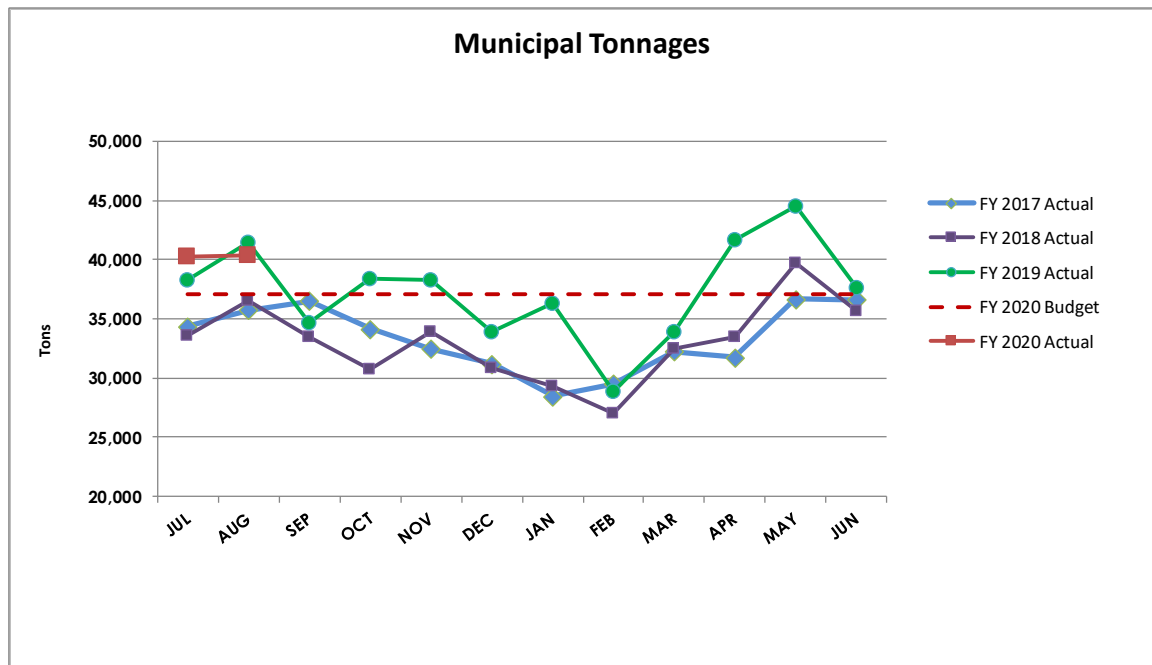




Southeastern Public Service Authority (SPSA) Waste Stream

Waste Category	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2020	
	Actual (Tons)	Actual (Tons)	Actual (Tons)	Actual (Tons)	Budget	Actual (Tons) as of 8/31/2019	% of Budget
Waste Stream Budgeted under Tipping Fees							
Municipal Waste							
Chesapeake	94,981	90,926	90,896	105,353	105,100	19,063	18.1%
Franklin	2,592	2,690	2,698	2,955	3,000	507	16.9%
Isle of Wight	16,513	15,180	16,883	17,265	17,200	2,992	17.4%
Norfolk	66,240	64,575	62,587	90,129	90,600	16,214	17.9%
Portsmouth	29,089	30,023	32,769	40,222	39,800	7,169	18.0%
Southampton	8,385	8,593	8,910	10,675	10,800	1,607	14.9%
Suffolk	40,068	45,645	40,847	42,325	38,900	7,800	20.1%
Virginia Beach	134,285	130,645	127,483	138,823	139,600	25,272	18.1%
Residential (Free of Charge)	10,096	11,223	13,711	-	-	-	N/A
Total Municipal Waste	402,249	399,500	396,784	447,747	445,000	80,624	18.1%
Sludge - Norfolk	4,611	4,782	5,586	6,040	5,500	1,231	22.4%
Navy Waste	24,725	24,500	26,653	26,265	25,500	4,618	18.1%
SPSA Contracted Waste	-	26,437	65,936	146,442	138,500	30,724	22.2%
Construction & Demolition Debris	11,486	14,252	14,850	9,808	15,000	2,009	13.4%
Non-Contract Waste	-	-	15,469	36,682	32,000	6,611	20.7%
Total Other Waste	40,822	69,971	128,494	225,237	216,500	45,193	20.9%
Total Waste Stream	443,071	469,471	525,278	672,984	661,500	125,817	19.0%

Note: Effective July 1, 2018 residential waste tons is included with municipal waste tons.



Southeastern Public Service Authority (SPSA) Regional Landfill Waste Stream

Types of Waste (tons)	FY 2020						
	FY 2016	FY 2017	FY 2018	FY 2019	July	Aug	FYTD
Construction and Demolition Debris	11,485	14,252	14,850	9,807	1,138	870	2,008
Water Treatment Plant Sludge	5,314	4,927	5,717	6,039	845	386	1,231
Industrial Waste	874	846	379	295	7	37	44
Soils for Use as Alternate Daily Cover	66,380	18,935	9,990	8,630	399	609	1,008
Clean Fill	92,732	25,369	26,396	5,940	15,174	6,048	21,222
Peanut Residue/Hulls	3,202	5,650	9,366	4,023	399	247	646
Non-Processible Municipal Solid Waste	1,788	5,765	3,791	867	105	116	221
Navy Waste ²	88	150	154	359	19	51	70
Non-Processible Commercial Waste ²	5,096	4,518	2,631	598	46	40	86
Concrete/Asphalt	416	3	-	133	83	-	83
Shredded Tires	3,052	3,289	4,586	5,394	513	766	1,279
Ash - Qualifying	177,493	174,420	179,361	113,979	2,231	6,912	9,143
Non-Qualifying Ash	-	-	-	52,998	9,442	6,831	16,273
MSW from FTS, IWTS, STS	-	-	46,011	102,702	9,196	7,094	16,290
Clean Fill - Clearfield	32,400	28,226	31,709	51,540	5,935	4,971	10,906
Residual Waste - Clearfield	4,857	9,771	5,585	436	-	-	-
Diverted Processible Waste (from Tsf Stations)	1,780	11,337	201	2,518	699	-	699
Total	406,957	307,458	340,727	366,258	46,231	34,978	81,209

¹ Prior to January 25, 2018, Represents CDD from the City of Suffolk and City of Suffolk's Contractors

² Boats, Flour, Frozen Foods, Other items too large for Suffolk Transfer Station

**Southeastern Public Service Authority
Treasurer's Report of Cash Balances
For the Month Ending August 31, 2019**

Fund Type	Beginning Balance	Deposits / Transfers In	Interest Earnings	Payables / Transfers Out	Payroll	Ending Balance
Unrestricted and Designated Funds (see footnote below):						
Townebank Operating	\$ 2,124,243.37	\$ 3,835,497.02		\$ 2,742,126.63	\$ 732,379.48	\$ 2,485,234.28
Townebank Money Market	661,402.33		105.47	200,000.00		461,507.80
Townebank CD	6,070,872.97		36,343.25			6,107,216.22
Virginia Investment Pool (VIP)	14,380,262.73	500,000.00	28,521.03			14,908,783.76
Raymond James & Associates Investments	10,136,233.10	-	1,254.49			10,137,487.59
Total Unrestricted and Designated Funds	\$ 33,373,014.50	\$ 4,335,497.02	\$ 66,224.24	\$ 2,942,126.63	\$ 732,379.48	\$ 34,100,229.65
Trust Funds:						
Environmental / Va. Beach Landfill	\$ 465,846.37		810.95			466,657.32
Environmental / Regional Landfill	456,320.28		795.10			457,115.38
Total Trust Funds	\$ 922,166.65	\$ -	\$ 1,606.05	\$ -	\$ -	\$ 923,772.70
GRAND TOTAL	\$ 34,295,181.15	\$ 4,335,497.02	\$ 67,830.29	\$ 2,942,126.63	\$ 732,379.48	\$ 35,024,002.35

Cash Balances Designated as follows:

Operating Funds	\$ 1,282,697.60
Undesignated (Fund Balance June 30, 2019)	5,918,077.00 (equivalent to 2 months operating expenses)
Reserved for FY 2019 Rolled Purchase Order	\$613,547.05
Reserved for HRSD Forcemain	\$2,500,000.00
Landfill Expansion / Closure	23,785,908.00
Total Designated Funds	<u>\$ 34,100,229.65</u>

**Southeastern Public Service Authority
Budget Transfer Activity
For the Month Ending August 31, 2019**

Department	Object	Description	Transfer In	Transfer Out
Accounting	53130	Professional Services	\$ 8,950.00	
Executive	53130	Professional Services	\$ 23,617.00	
ROB	53320	Grounds Maintenance	\$ 4,713.29	
Environmental	56140	Other Operating Supplies	\$ 250.28	
Landfill	53140	Engineering Services	\$ 9,669.15	
Franklin Transfer	53410	Building/Site Maintenance	\$ 825.00	
Norfolk Transfer	53400	Equipment Maintenance	\$ 1,185.28	
Capital	61802	RLF-Scada System Leachate	\$ 11,770.00	
Capital	61901	HHW Relocation & Improvements	\$ 65,928.14	
Capital	61911	CTS-Roof Replacement	\$ 72,283.00	
Capital	61926	Cell 8/9 Permitting	\$ 544,833.51	
Capital	61928	IT-Executime Software	\$ 40,438.53	
Capital	61934	Gator for HHW	\$ 14,791.77	
Fund Balance	3930	FY 2019 Rolled Purchase Orders		\$ 799,254.95
Total Budget Transfers, August 2019			\$ 799,254.95	\$ 799,254.95

8. Contracts

Ivor Convenience Center – Compactor and Compactor Boxes

This replacement request is part of the regular capital replacement plan. The new compactor requested will be replacing a B-500HD 5yd compactor and 2 compactor boxes located on the Ivor Convenience Center. The existing unit has passed its useful life and maintenance cost will continue to rise with down time increasing.

Staff recommendation is to award a contract to Mid-Atlantic Waste Systems, in the amount of \$59,830.00 for the purchase of a Marathon RJ-550 stationary compactor with containers utilizing the Sourcewell contract.

Budget:	\$75,000.00
Total Price:	\$59,830.00

RECOMMENDATION: Award the contract for a stationary compactor with containers in the amount of \$59,830.00 as presented.

MOTION: Do I hear a motion to award the contract for a stationary compactor with containers to Mid-Atlantic Waste Systems as presented?

9. Presentation ~ Strategic Communications

HDR will provide an overview of the strategic communications plan for the landfill expansion permitting process.

10. Other Business

11. Adjourn Meeting