

# SPSA

BOARD OF DIRECTORS

REGULAR MEETING AGENDA

**March 27, 2019**

**Start Time: 9:30 a.m.**

Location:

Regional Board Room  
SPSA/Regional Building  
723 Woodlake Drive  
Chesapeake, VA 23320

**1. INFORMAL ITEMS: DISCUSSION ONLY**

- A. MONTHLY REPORT ON WTE OPERATIONS . . . . . Clint Stratton  
- February 2019 (pg. 2-5)
  
- B. EXECUTIVE DIRECTOR UPDATES . . . . . Liesl DeVary
  - 1. SCADA Presentation
  - 2. Landfill Operational Summary (pg. 7-8)
  - 3. Construction Status Report (pg. 9)
  - 4. Executive Committee Minutes – 1/17/19 (pg. 10-12)
  
- C. CHAIRMAN’S COMMENTS. . . . . Chairman Keifer

**2. ACTION AGENDA**

- A. MINUTES OF BOARD MEETING . . . . . Chairman Keifer  
- February 27, 2019 (pg. 14-27)
  
- B. FINANCIAL MATTERS . . . . . Liesl DeVary
  - 1. Financial Reports (pg. 28-36)
  - 2. Contracts
    - A. Contract Awards
      - 1. Data & Telecommunications Provider (pg. 37)

**3. PRESENTATION OF THE JULY 1, 2019 – JUNE 30, 2020 BUDGET.** . . . . . Liesl DeVary

**4. RESOLUTION SETTING PUBLIC HEARING FOR SCHEDULE OF FEES AND CHARGES** (pg. 38-39). . . . . Liesl DeVary

**5. OLD/NEW BUSINESS**

**6. ADJOURN MEETING**

# Agenda

## SOUTHEASTERN PUBLIC SERVICE AUTHORITY OF VIRGINIA BOARD OF DIRECTORS Regular Meeting

WEDNESDAY, MARCH 27, 2019  
REGIONAL BOARD ROOM, SPSA REGIONAL BUILDING  
723 WOODLAKE DRIVE, CHESAPEAKE, VIRGINIA  
9:30 A.M.

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CALL MEETING TO ORDER . . . . . CHAIRMAN KEIFER  
PLEDGE OF ALLEGIANCE  
ROLL CALL

### **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.)

### **1. INFORMAL ITEMS: DISCUSSION ONLY**

A. MONTHLY REPORT ON WTE OPERATIONS . . . . . Clint Stratton

Mr. Clint Stratton will present the monthly Wheelabrator Reports for February 2019.

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

MONTH	SPSA ACCEPTABLE WASTE (TONS)	THIRD PARTY 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)	PROCESSED FORMULA	ASH DELIVERED TO LANDFILL (TONS)	MW SOLD TO THE GRID (MWhr)
JAN	43,639.86	8,796.40	671.02	-	53,107.28	83,072	53,107.28	4,342.25	-	-	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														
APR														
MAY														
JUN														
JUL														
AUG														
SEP														
OCT														
NOV														
DEC														
YTD TOTAL														
12 MO														

\* 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**

<b>MONTH</b>	<b>BOILER AVAILABILITY (%)</b>	<b>BOILER PLANNED OUTAGES (HRS)</b>	<b>BOILER UNPLANNED OUTAGES (HRS)</b>	<b>TURBINE AVAILABILITY</b>	<b>TURBINE PLANNED OUTAGES (HRS)</b>	<b>TURBINE UNPLANNED OUTAGES (HRS)</b>
JAN	92%	166.90	67.40	90%	81.00	241.40
FEB	94%	149.00	10.00	93%	148.00	1.00
MAR						
APR						
MAY						
JUN						
JUL						
AUG						
SEP						
OCT						
NOV						
DEC						
<b>YTD TOTAL</b>	93%	315.90	77.40	92%	229.00	242.40

**Wheelabrator Portsmouth Inc.**

**Monthly Report for the Month of February 2019**

This report is submitted as required by schedule 15 of the Service Agreement for the period indicated above. Paragraphs below are keyed to the items of Section 1.2 contained therein.

**Environmental Issues:**

**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:**

None

**Air Quality Violations:**

None

**Safety Issues:**

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

**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
September 15-20	Boiler 1
October	No outage
November 10-16	Boiler 2
December 15-20	Boiler 3

**WHEELABRATOR PORTSMOUTH INC**

**SUPPLEMENTAL INFORMATION**

**February 2019**

Total Waste received by SPSA:	35,825 tons
Waste delivered to RDF:	46,588 tons
Total RDF processed:	39,892 tons
Ash sent to landfill:	9,649 tons*
Electric power sold:	12,567 MW
Steam sold to Navy:	69,621 K-LBS
Overall Boiler availability:	94%
Overall Generator availability:	93%
Environmental Incidents	0

OSHA Recordable Accidents this period:	0
OSHA Recordable Accidents YTD:	0

**General Notes:**

\* This total includes 4943.38 tons of dry residue delivered to the landfill in January  
Outage completed #3 boiler to include bottom ash rebuilds, apron and RDF inspections, repairs, RDF feed screw replacement and furnace overlay.

- B. EXECUTIVE DIRECTOR UPDATES . . . . . Liesl DeVary
1. SCADA Presentation
  2. Landfill Operational Summary
  3. Construction Status Report
  4. Executive Committee Minutes – 1/17/19



**SPSA Regional Landfill Operational Summary**

Period February 1st, 2019 to February 28th, 2019

**KEY:**

Change Since Last Report  
 All Is Well  
 Working On  
 Noted Issue



Item	Metric Item	Metric	Performance/Comment	Status Code	Comments/Corrective Actions
<b>1</b>	<b>Regulatory Compliance</b>				
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		1st Quarter sampling for outfall 903 completed, awaiting laboratory results. 1st Quarter eDMR for 903 due April 10th, 2019. First half sampling due by June 31st. Permit renewal application due July 31st, 2019.
1.2.4	Financial Assurance	Compliance	In compliance		
1.2.5	Wetlands	Compliance	In Compliance		
1.2.6	Groundwater	Compliance	In Compliance		1st Quarter groundwater event completed, no resampling necessary for this quarter.
1.2.7	Storm water system operating and in compliance with VPDES permit	Systems operational and in good order	In Compliance		In compliance.
<b>2</b>	<b>Landfilling Operations</b>				
2.1	Tonnage Landfilled	Actual Tons	23,578		
2.2	No. staff	16.5	14.5		2 - Vacancy (2-HEO)
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.
<b>3</b>	<b>Cover Operations</b>				
3.1	Total Cover Material Received	Actual Tons	9,968		
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.
<b>4</b>	<b>Leachate Management</b>				
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.		Scada system is operational on all vaults are tracking leachate volumes.

Item	Metric Item	Metric	Performance/Comment	Status Code	Comments/Corrective Actions
4.2	SCADA system operational during period	100 % Operational	fully operational		SCADA is fully operational, a few punch list items remain to be completed.
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. During the month of February, SPSA was able to continue pumping via Force Main to HRSD Nansemond treatment plant. SPSA will be required to shut off flow on 3/20 in order for HRSD to restart the SWIFT plant. SPSA will be allowed to start low flow pumps approximately two weeks later for testing. SPSA will pump and haul at an accelerated rate during this time.
4.5.1	Quantity of leachate pumped to HRSD during period	x gallons	1,123,112		From 2/1 to 2/28
4.5.1.1	Cell V, Sumps 1-4	x gallons	480,619		From 2/1 to 2/28
4.5.1.2	Cell VI, Sumps 5-8	x gallons	486,512		From 2/1 to 2/28
4.5.2	Quantity of leachate hauled for disposal during period	x gallons	82,792		From 2/1 to 2/28
4.5.3	Disposal costs in period: \$		\$ 21,350		From 2/1 to 2/28
4.5.4	Any issues relative to leachate quality and acceptance at WWTPs?	No constraints	No constraints		
5	<b>Landfill Gas Management</b>	Compliance	In compliance		Surface emissions monitoring for the 1st quarter completed, no exceedances. Gas monitoring due the first of March.
6	<b>Odor Complaints</b>	No complaints	No complaints		From 2/1 to 2/28
7	<b>HRSD Force Main</b>	Contract Schedule	None provided to date.		Still only have (unofficial) tentative date of completion to be in 2022

**Acronym Definitions**

**ACOE**- Army Core Of Engineers **AUF**- Airspace Utilization Factor **BOD**- Biological Oxygen Demand **CAP**- Corrective Action Plan **COD**- Chemical Oxygen Demand **CSCE**- Comprehensive Site Compliance Evaluation **DMR**- Discharge Monitoring Report **GPS**- Groundwater Protection Standards **LCL**- Lower Confidence Limit **NOV**- Notice Of Violation **SCADA**- Supervisory Control And Data Acquisition **SWIFT**- Sustainable Water Initiative For Tomorrow **SWPPP**- Storm Water Pollution Prevention Plan **VPDES**- Va. Pollution Discharge Elimination System **WWTP**- Waste Water Treatment Plant **PLC**- Programmable Logic Controller **GPM**- Gallons Per Minute **GPD**- Gallons Per Day

## Construction Project Update For February 1, 2019 through February 28, 2019

	Original Contract	Cumulative Change Orders	Change Orders This Month	Total Contract Value	% of Original Contract in CO's	Scheduled Completion Date	Current Completion Date	Percent Complete
<b>SCADA Upgrade</b>	\$1,473,470	\$56,312	\$0	\$1,529,782	3.80%	8/30/2018	12/11/2018	100%
<b>Leachate Loadout Project</b>	\$1,276,600	\$178,174	\$88,771	\$1,454,765	14% *	8/30/2018	5/25/2019	99%

### Individual Change Orders for SCADA Project

Description	Amount
CO-1 Switch from black iron to stainless steel discharge piping to eliminate corrosion from leachate.	\$12,850
CO-2 Replace corroded 480 volt underground feeder cables feeding vaults 2 and 3	\$19,646
CO-3 Remote Access which allows staff 24 hour access to SCADA from anywhere using handheld device	\$18,696
CO-4 Install power monitors to provide SCADA with electrical data from pumps and other devices to be trended	\$5,120

### Individual Change Orders for Leachate Loadout Project

Description	Amount
CO-1 Correct drainage elevation and install Drop Inlet and Pipe	\$12,849
CO -2 Additional Time Request Granted Due to weather, permit delays and material availability	\$0
CO-3 Switch to Low Flow Pumps to allow pumping to HRSD SWIFT Plant (funded by HRSD)	\$76,554
CO-4 Replace Underground Feeder Cables to vaults 5,6,7 and 8 in Cells V and VI	\$88,771

\* \$76,554 will be reimbursed from HRSD for low flow pumps

## Engineering Task Orders

	Engineering Firm	Value	Invoiced To Date	Balance
<b>SCADA Design and Construction Management</b>	HDR	\$175,000	\$157,979.86	\$17,020.14
<b>Leachate Loadout Design and Construction Management</b>	HDR	\$253,164	\$229,378.14	\$23,785.86

**MINUTES OF THE  
EXECUTIVE COMMITTEE  
SOUTHEASTERN PUBLIC SERVICE AUTHORITY OF VIRGINIA  
January 17, 2019**

A meeting of the Executive Committee was held at 9:30 a.m. in the second floor conference room of the SPSA Regional Building in Chesapeake, Virginia, and was called to order by Chairman John Keifer. The other Committee Members present at this meeting were Mr. Luke McCoy, Mr. Randy Keaton and Mr. Bill Sorrentino. Also in attendance were Executive Director, Liesl R. DeVary, Deputy Executive Director, Dennis Bagley, Blanche Christian and General Counsel Warren Tisdale  
\*Mr. Randy Keaton left at 10:33 a.m.

Items for Discussion:

1. Review and approve Executive Committee Minutes

Mr. Sorrentino (VB) moved, seconded by Mr. McCoy (PO) to approve the Executive Committee minutes of the December 5, 2018 meeting. All were in favor.

2. Executive Director Reports / January Board Meeting Agenda

There has been a lot of staffing changes within the organization due to the amount of retirements occurring. A new fleet manager was hired to replace the retirement of Patrick Lee. Toney Saunders our Director of Operations will be retiring March 1, 2019 and we will be presenting a retiree at the board meeting. A new Accounting Manager and Applications Administrator have been hired as well.

With changes to regulations, we are able to use the corporate financial test for the DEQ Financial Assurance, which means we will not be required to put money aside. We have received the approval; and it will be reported to the Board at this month's meeting.

It has been determined that the HRPDC is the solid waste planning unit and SPSA is a large stakeholder in that plan. SPSA is not required nor expected to adopt the plan. The HRPDC will be getting together with the CAOs about the update.

We submitted the leachate Corrective Action Plan update to DEQ on January 8. We are close to finishing all of the items requested and once completed, we will request DEQ to close it.

We had a pre-application meeting with DEQ and the Corps of Engineers last week regarding Cells 8 and 9 for landfill expansion. Jeff Murray provided a PowerPoint presentation. HDR has also provided an updated cost estimate for Cell VII construction. We have not reviewed it, but it is approximately \$4 million more than the original estimate from 2017. The plan is to meet with HDR and firm up the cost estimates for constructing Cell VII and expanding 8 and 9 so that we can come up with a plan on funding. The joint permit application for the hydrogeologic work has been submitted, but there is a bit of a snag because of the government shutdown. Another important piece on expanding Cells 8 and 9 is showing demonstration of need analysis. We are fine-tuning that with different capacity scenarios; and hope to have all of this in the next couple of months to give you a complete overview. We are expecting to

receive the updated air space study any day.

VDOT, HRPDC, the City of Suffolk and City of Chesapeake met in December. VDOT will coordinate another meeting to come up with a scope of work for the best place for a flyover.

Two contracts will be presented at the board meeting. A change order for the loadout project to replace the underground feeder cables to Vaults 5, 6, 7 and 8. The original wire was aluminum while the connectors used were for copper wire, which caused deterioration. The second contract is for three aboveground scales, two at the Landstown transfer station and one at the Norfolk Transfer Station.

House Bill 2391 was introduced in the 2019 session. They are proposing a one dollar per 500 pounds of waste disposal fee, which equates to four dollars per ton for a new Greenhouse Gas Fund. The Greenhouse Gas Fund will be promoting the reduction of emission of greenhouse gases in the Commonwealth. This will be presented at the board meeting as this has a direct effect on the budget.

A presentation was made to the Portsmouth City Council on January 7. A copy of the presentation will be provided at the meeting with an invitation to the member communities to setup a time for it to be presented to them.

3. Closed Session:

Mr. Warren Tisdale read the following closed session motion:

Motion to Approve Request for Closed Meeting.

*I move that a closed session be held for discussion regarding (i) a proposed temporary access agreement between Atlantic Coast Pipeline, LLC and SPSA that would provide road access to ACP across SPSA's property for purposes of installing a gas pipeline on adjacent property not owned by SPSA, in accordance with Virginia Code Section 2.2-3711(A)(3) relating to the disposition of publicly held real property, and in accordance with Virginia Code Section 2.2-3711(A)(8) for the purpose of consulting with legal counsel regarding specific legal matters requiring the provision of legal advice by such counsel, (ii) the delivery of ash by Wheelabrator Portsmouth, Inc. to SPSA under the current Services Agreement between Wheelabrator and SPSA, and under the Waste Disposal and Services Agreement between Wheelabrator and SPSA with commencement date February 1, 2019, in accordance with Virginia Code Section 2.2-3711(A)(8) for the purpose of consulting with legal counsel regarding specific legal matters requiring the provision of legal advice by such counsel, and (iii) the annual performance review of the Executive Director, in accordance with Virginia Code Section 2.2-3711(A)(1) relating to the performance of a specific public officer.*

Mr. Sorrentino (VB) moved, seconded by Mr. Keaton (IW) to approve the certification as read. All were in favor.

Motion to Approve Certification after Closed Meeting.

*The Committee hereby certifies that, to the best of each member's knowledge: (a) only public business matters lawfully exempted from open meeting requirements by Virginia law under the Virginia Freedom of Information Act were discussed in the closed meeting to which this certification applies; and (b) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered in the closed meeting just concluded.*

Mr. McCoy (PO) moved, seconded by Mr. Sorrentino (VB) to approve the certification as read. All were in favor.

4. Adjournment

There being no further business to come before the Executive Committee, the meeting was adjourned at 10:55 a.m.

C. CHAIRMAN’S COMMENTS. . . . . Chairman Keifer

2. **ACTION AGENDA**

A. MINUTES OF BOARD MEETING . . . . . Chairman Keifer

The minutes of the February 27, 2019 Board meeting are attached for your review and approval.

**RECOMMENDED ACTION:** Approve the minutes as presented.

**MOTION:** Do I hear a motion that the February 27, 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**

**February 27, 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)	Mr. H. Taylor Williams	(FR)
Mr. Dale Baugh <i>absent</i>	(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	(SH)	Ms. Lynette Lowe	(SH)
Mr. David Arnold	(SU)	Mr. Patrick Roberts	(SU)
Mr. William Sorrentino	(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, Mr. Eric Martin (CH), Mr. Michael Etheridge (IW), Mr. Harvey Howard (NO), Ms. Erin Trimyer (PO) \*9:35, Mr. Hart council (SH), Mr. Scott Mills (SU) and the following SPSA executives, Ms. Liesl R. DeVary, Executive Director and Treasurer, Ms. Blanche Christian, Administrative Coordinator and Secretary, and Warren Tisdale, General Counsel.

**PUBLIC COMMENT PERIOD**

Mr. Geduldig-Yatrofsky from Atlantishr.org made the following comments: "Good morning, Mr. Chair. Honorable Commissioners and fellow interested parties, I want you to know that I'm orthodox when it comes to recycling. I don't consider landfilling recyclables or incinerating recyclables to be recycling. Some people use the term little more loosely than I do. So there has been discussion in and around this facility regarding the state of recycling in the recent past, and it seems that we are getting into a greater and greater deviation from what recycling is intended to be, a reconstitution of the materials that are recycled into other usable products. I would like to ask you all to consider working collaboratively because each locality right now is pretty much on a go-your-own-way course in terms of recycling, to work collaboratively to bring recycling back to my orthodox definition of what it is and should be, and it would be wonderful if we as a region could do it collectively rather than as a bunch of individual localities. I understand the challenge we have devolved into offshoring approach to handling of recyclable materials, and that was never the concept at the outset. It does not



make sense to take things that we are using and consuming in this country and sending them overseas for others to handle it. This should be domestic. And we should be collaboratively addressing the need to make best use of those substances that can be used again in some form. I ask you to think about this and see if there isn't a way that we as a region can get back to true recycling. Thank you.”

Chairman Keifer (NO) commented that we will consider those thoughts.

The scheduled closed session on the agenda was removed by Chairman Keifer (NO).

**1. INFORMAL ITEMS: DISCUSSION ONLY**  
**A. MONTHLY REPORT ON WTE OPERATIONS**

Mr. Stratton began the operational report for the month of January 2019 for Wheelabrator Portsmouth. A joint job fair was held with SPSA at the RDF Plant on February 26<sup>th</sup> in which we had 35 to 40 applicants. The downtime at the power site due to the Norfolk Naval Shipyard transmission lines repair work will begin Sunday, March 3<sup>rd</sup>, which means we will not be generating any electrical power, but we will be producing steam. We chose Sunday so there will be no interruption to the tipping floor traffic, volumes or maintenance activity. It's a 12-hour outage and we should be able to sync back across the grid producing power and be back to normal operation by Monday.

**Wheelabrator Portsmouth January 2018**  
**Operational Data**



<b>43,639 Tons</b>	<b>53,779 Tons</b>	<b>50,095 Tons</b>	<b>14,823 Tons</b>	<b>15,841 MW</b>
Total waste received by SPSA	Waste delivered to RDF	Total RDF processed	Ash sent to landfill	Electric power sold
<b>83,072 K-LBS</b>	<b>92%</b>	<b>90%</b>	<b>0</b>	<b>0</b>
Steam sold to U.S. Navy	Overall boiler availability	Overall generator availability	Environmental incidents and OSHA recordable accidents	OSHA recordable accidents YTD

**B. EXECUTIVE DIRECTOR UPDATES**

Ms. DeVary commented that we are operating effectively, efficiently, and that our staff are doing a terrific job. An Accounting Manager has recently been hired. Sandy Schreiber has a Bachelor Degree in Accounting and she previously was at the City of Portsmouth as the Accounting Supervisor, and prior to that, she was the Controller and Accounting Manager for a credit union. She comes to us with over 24 years of experience, and she's been here since February 1, 2019 and has just been a terrific addition. We also have the retirement of Toney Saunders. Prior to joining SPSA, Toney began his career in the United States Army and he was a Maintenance Supervisor. He then became the Division

Fleet Manager at Pepsi in Norfolk. In November of 1984, Toney joined SPSA as the Transportation Superintendent, and he was the 12<sup>th</sup> employee hired here at SPSA. He later advanced to become the Superintendent of Transportation and Transfer Stations, and fortunately for him unfortunately for us, tomorrow he will be retiring as the Director of Operations with SPSA. Many of you may not know, but Toney has a Bachelor's of Arts in Business Administration and a Doctorate in Ministry. As the twelfth employee at SPSA, he's seen it all and could certainly serve as our historian. Toney has been a tremendous asset to the operation over the years and he will be greatly missed. Congratulations, Toney, on your accomplishments, and thank you for your years of service.

Chairman Keifer (NO) stated thank you very much for all you've done and for being a solid member of SPSA, and we wish you the very best with your retirement.

Ms. DeVary continued that the Chesapeake Transfer Station received a random inspection from VOSH earlier this month. Everything was fine, and they were impressed with the operation.

House Bill 2391, which proposed a \$4 per ton waste disposal fee for the Greenhouse Gas Fund, failed.

The fiscal year 2020 budget will be presented at your next meeting. Municipal and commercial waste tonnages are up. We received our health insurance renewal and it's a negative 2% on our premiums. I'll be recommending a tip fee of \$57. When we went through the contract with Wheelabrator we were preparing for a reduction to \$59, and because of all the other efficiencies we've achieved and the tonnages being up, we're hoping to lower it more than that.

The HRPDC has been coordinating meetings between SPSA, the City of Chesapeake, City of Suffolk, and VDOT and we had a meeting earlier this month. VDOT's engineer, Michael Baker International, is preparing a scope of work to do a study on where might be the best placement for one or two flyovers. We're hoping to get that in the next 30 days.

Chairman Keifer (NO) commented that as part of our Host Agreement with Suffolk, we are obligated to provide an alternate entrance to the landfill, and the flyover is the best alternative. The other alternative would be a rear entrance.

Ms. DeVary continued that the Cell 8/9 landfill expansion is quite an undertaking. We are developing a project schedule, as well as total cost estimates. Total cost estimates include constructing of Cell VII, wetland mitigation, and the permitting process which is going to be a multiyear process. We are putting all that together and hope to give you an overview in April or May. We are continuing to work on our demonstration of need for the wetlands permit.

The SPSA overview presentation has been scheduled with some of our member communities. We will be at Isle of Wight County on March 7<sup>th</sup>, City of Franklin on March 11<sup>th</sup>, the City of Chesapeake on March 12<sup>th</sup>, and Southampton County on April 22<sup>nd</sup>. Presentations still need to be scheduled with Norfolk, Suffolk and Virginia Beach.

Ms. DeVary asked Mr. Bagley to provide the operations report.

Mr. Bagley commented during the reporting period the Regional Landfill received 29,348 tons of

material, which is down from the previous month. The landfill saw a decrease of 5,478 tons as compared to the previous month. There was a decrease of 8,826 tons of clean fill because staff has moved from the North slope. When we're working on the north slope, we cannot use ash as cover we must use fill material. Wheelabrator delivered 3,644 tons of material during February to the landfill that was reclassified to non-qualifying ash. That appears to be going up but they're doing some internal work to try to put a screener in before they bring the ash to us. We'll keep you posted on where we are with that. The total leachate hauled for the period was 1,018,600 gallons, but we also pumped 738,332 gallons to the HRSD force main at Nansemond. We had no odor complaints for the reporting period.

Mr. Sorrentino (VB) asked if MSW is going up how do we have a decrease in total tons coming into the landfill.

Mr. Bagley replied that what is going to the landfill is coming from the western communities, and what we're getting in from the east is contractor waste as well. So that may be the reason. It's hard to tell with just one month of data.

Mr. Sorrentino (VB) asked what is non-qualifying ash and why is it non-qualifying.

Mr. Bagley responded it is because it has unburned waste in it. We toured the plant last week and there was trash coming off of the grate that was not burned. It's mixed in with the ash and that ash is then coming to the pit to be cooled down and it's being hauled to the landfill without any type of treatment whatsoever. Wheelabrator has not committed to it, but they say they're looking at a screening device that would help get solid material that's larger than 2-3 inches out of the waste bin that's coming to us.

Mr. Sorrentino (VB) asked Mr. Stratton why we are having waste coming out of the boilers unburned, what's different?

Mr. Stratton replied from a waste energy standpoint, we have 17 plants in the United States and four in the UK. This is the best residue out of any of our facilities. This is the best burn out because we are a RDF facility. Just by nature of the process, if you have a plug on a chute and clear it out that debris hits the grate. It doesn't have the same amount of burnout time. It is combusted by definition of contract. It is processed, it is sent through the boiler, but the system is not perfect. You asked what changed. This is the best ash we've ever produced, and that's based off of carbon monoxide readings. CO is your only indicator other than the issue of incomplete combustion. When Wheelabrator bought the facility, we were under consent order from the EPA, which we beat by 7 months. We've done tremendous things with the process at the RDF. The only thing that's changed is the contract. The contract previously said wet ash could be refused. The new contract says it's the sole discretion of SPSA if it's deemed non-qualifying and as such, you can reject or you can charge Wheelabrator \$10 more per ton. The past few days I've had 80% re-class at \$10 more a ton.

Mr. Sorrentino (VB) commented that last month up on the screen there was a picture of ash that had a bunch of bags in it and other stuff that we haven't seen before. I'm wondering how it's better than ever, it doesn't look better than ever.

Mr. Stratton replied it depends on the load as well. If the plug falls down right at the grate discharge because it's so heavy and wet there's potential for that. It can be if we have a tube failure and the water falls out of the boiler on a tube rupture all the combustion process starts, it will look really bad. We have loads that look really bad. What we're seeing is a very high-re-class rate, which we're trying to deal with, but there's also tremendous costs for screens, upwards of \$400,000.

Mr. Sorrentino (VB) asked if Wheelabrator is watching this situation and what is the goal.

Mr. Stratton replied we are on this. The goal is to give you the best-looking ash, that's always the goal. Again, that comes with costs, and that has to be approved.

Mr. Barnes (VB) asked how is the tip floor working with the tippers in place? Are the trucks rolling through or are we having delay times?

Mr. Bagley responded that we check every SPSA truck and 68% of the time our trucks wait over 45 minutes. The numbers of times on the floor have gone way down now, the numbers of tons in the pit have gone way down, and Wheelabrator has been working for us in increasing that. The tippers are working, but we cannot tip our trucks until MBI makes adjustments to the tipper because of the way our doors open. There's also some issues with the SOP and the way our trucks work, so there's still some work to do on that and hopefully that will improve. One of our issues is they're trying to keep Portsmouth from being delayed from collections because we let them go around us if we're in line because we can collect until dark.

Mr. Maxwell (CH) asked were we accepting this non-qualifying ash before the new contract? Is 3,644 tons an unusual number?

Mr. Bagley responded the old contract forced us to accept anything that wasn't wet, but it was never used as Alternative Daily Cover (ADC). If we use the material that's coming in wholly and not separated, then we would not be following DEQ's regulations because there is other material mixed in. As part of the contract this language was put in so that we could make sure that the quality of the ash that was coming to the landfill was of what we need for ADC. Wheelabrator is trying to make the effort to clean the ash up so that we can use everything as ADC. We charge more for non-qualifying ash so we can pay the host fee. With that being said, I think they're on the road. They've got to make that commitment to purchase the screener. I think that will make a big difference.

Chairman Keifer (NO) commented that there's some unanswered questions here. Rather than belabor it, I ask the Executive Director to work with Wheelabrator and give us a report about what's happening and what the projections are for the future next month .

Mr. Bagley continued his report. Fleet maintenance has received 8 new road tractors. We're having some issues with them, but the dealer is going to take care of them.

The scale house software upgrade is under way. The concrete repairs at the Franklin transfer station have been completed. When that station was originally built, there was no drain in the tunnel and that has been remedied. The scales replacement at the Norfolk inbound and the Landstown inbound and outbound scales are underway. We'll be working with Norfolk and Virginia Beach to coordinate

those efforts of how we're going to move trucks through the scale houses and make sure everybody's in and out.

We are not filling the Director of Operations position. The Transportation Manager will be assuming some of the duties and the remaining duties will be placed in another area.

Ms. DeVary continued future meeting topics include the presentation of the fiscal year 2020 operating and capital budget, a presentation of the SCADA system, the updated financial policies, and once we get the budget complete I will organize an investment committee meeting.

Mr. Sorrentino (VB) commented House Bill 2391 failed, which is great news but we need to know about items like this much further in advance. How do we get information like this because we didn't have much time to respond to it?

Ms. DeVary responded that we receive notices from the Old Dominion chapter of SWANA. I would look for some suggestions on how I can get information sooner. I found out about it in the beginning of January and reported it to the board at our monthly meeting.

Mr. Martin (CH) commented that most of us are members of SWANA and they do a very good job in their legislative branch. That's part of what their job is for us. They have a very good rundown of all the bills that affect the industry from collection to environmental issues. It's a very comprehensive report that we get from them. We already have a lobbyist that's working for us in our industry in Virginia to do that. We also at the localities have our own lobbyists that follow bills of interest. Sometimes they pick them up, sometimes they don't, but having the industry looking is probably our best solution. We can flag those and make sure that everyone is aware, but I think we've got a good basis as long as we all keep engaged with SWANA.

Chairman Keifer (NO) commented I know from past experience a lot of times these things will pop up. It is something that we need to be on because there could be something in there that is good or bad and we may miss the opportunity to comment on it.

Mr. Arnold (SU) commented we want that information to get from you guys who have SWANA to us in a more timely fashion. I think it would be prudent when there is legislation which could affect this body that the Board be made aware of it immediately.

Ms. DeVary commented that going forward I will send out an e-mail to make sure the Board is aware of it as soon as I'm aware of it.

Mr. McCoy (PO) commented this bill is not going to go away. So the person that introduced this bill, his intent was to get it passed without cities involvement. This would have been a direct hit to the 8 communities at \$4 per ton. We need to make our sure the liaisons of our 8 communities keep us informed if they see anything coming through on the greenhouse gas fund.

Mr. Keaton (IW) commented that this would have been a tax on SPSA, but it's really a tax that will be passed down to localities. All eight localities need to be engaged on this as actively as SPSA would be because it's just going to be a pass through. I know HRPDC convenes a meeting of all the

legislative liaisons once a year with the regional delegation. This would probably be a good regional issue to be brought up at that point to get a multi prong effort to be aware of these bills that come up and to maybe have a coordinated regional effort against them.

Chairman Keifer (NO) commented that we'll work on that and come back with some ideas.

Ms. DeVary asked Mr. Bagley to provide the 2019 Airspace Management report.

Mr. Bagley commented that the Airspace Management Report not only tells us how much space we've consumed in the landfill this year, it tells us how much we have remaining and it gives us a good understanding of the efficiency of staff that is operating the landfill. We perform the annual Airspace Management Report every year under the direction of HDR and Hoggard Eure. They do a survey and turn that information over to HDR, who calculates the airspace information. As we get closer to the end of the life of Cells 5 & 6, it may be something that we elect to do more often because the information is real, and its information that's helpful in managing our work load at the landfill.

Why Perform an annual Airspace Management Report?

1

- To determine disposal space consumed over a period of time
- To determine remaining disposal area
- To determine compaction ratio
- Ensures the fill plan is being followed
- Better understand Operational Efficiency
- Planning Tool

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The Process

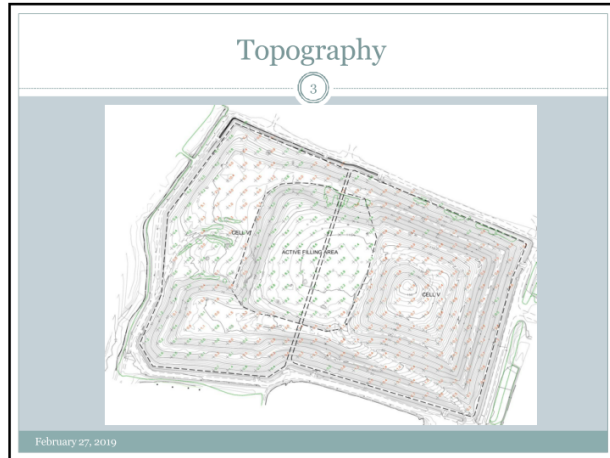
2

- Perform flyover to gather topographic information (elevations)
- Perform ground survey when needed
- Use information gathered to develop 3-D drawings
- Compare new drawings to previous drawings to determine cubic yards of space consumed
- Gather weights of all incoming material
- Determine the number of tons per cubic yard of airspace consumed
- Convert to Airspace Utilization Factor (AUF)

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The compaction ratio is the number of tons that we're able to get on a cubic yard, and that's important because if we're not compacting material, then we're using more space than we need to use and we need to correct that. It also ensures that the fill plan is being followed properly, and if we don't follow the fill plan properly, we'll never get the total number of cubic yards that we expected to get out of the cell in the landfill. It's a planning tool moving forward because we have to plan to have that money available when we issue a contract for construction of the landfill. It's critical that we know financially exactly how much we are going to need and when we will need it.

While the Airspace Utilization Factor (AUF) is an important point, it's a general conversation. We're talking about operational efficiency. We are more worried about the density, how many tons are we getting in a cubic yard in terms of pounds.



### Compaction Rate and Airspace Utilization Factor

4

Pounds/CY Compaction	Ton/CY AUF
• 1200	• .6
• 1400	• .7
• 1600	• .8
• 1800	• .9
• 2000	• 1.0

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This is one of many topographical maps that we got back from the report, the numbers are elevation numbers. They really get a picture of the mound, and they put all these numbers together so they can see how high that mound has become over the last period, and then they compare that to the previous year.

Our compaction rate and AUF are essentially the same. Pounds per cubic yard or compaction is important to us. As we move from year to year, we want to know how many pounds we're getting into a cubic yard of space that we have in the landfill. A good compaction rate is between 1600-1800.

- ### What Impacts AUF ?
- 5
- Type of material
  - Density of Material
  - Moisture Content of material
  - How well material is compacted after placement
  - The amount and type of cover used
- February 27, 2019

### Data From The Report as of December 2018

6

- Total Material Landfilled in 2018
  - 322,260 Tons
- Total Volume of Landfill Consumed
  - 543,413 Cubic Yards
- Pounds/ Cubic Yard 1,686
- AUF .85
- Remaining Capacity 3.7 million CY
- Life Expectancy (Cells V and VI) 10.5 \*

• Assumptions: 325,000 tons of waste being disposed  
1,800 lbs./CY in place density  
All available disposal space will be captured

February 27, 2019

There are a lot of things that impact the AUF. Construction debris is a whole different ballgame than MSW. How well the material is compacted after placement is a critical piece, and it's almost impossible until GPS is put on our equipment, which we're working on now. This is a once-a-year opportunity for us to see where our compaction levels are and if we need to make corrections, we make corrections. Another item that impacts AUF is the amount and type of covering used. As you can imagine when you use wet ash, you get a lot better AUF because that material is heavier and it's on top of the MSW that you already compacted.

It's critical that we're following the fill plan and that we're doing this study every single year so that we can see where those spaces, and get them before it's too late. We've got some areas now we're

trying to recapture that if we waited another year, we'd never be able to get because the way the landfill is built. The other thing is to maintain 1800 pounds per cubic yard in place density. I don't know what material we're going to bring in, so it's hard for me to tell you that we're going to be able to compact everything to 1800 pounds. These are items that we're doing now, but in the waste business, it changes daily. We'll have to wait and see and continue to do these reports and make sure that we're staying on track.

### Comparison of 2018 and 2019 Reports

2018	2019
<ul style="list-style-type: none"> <li>• <b>Disposed</b> <ul style="list-style-type: none"> <li>○ 237,767 Tons</li> </ul> </li> <li>• <b>Airspace Consumed</b> <ul style="list-style-type: none"> <li>○ 134,157 CY</li> </ul> </li> <li>• <b>AUF</b> <ul style="list-style-type: none"> <li>○ .88</li> </ul> </li> <li>• <b>Density</b> <ul style="list-style-type: none"> <li>○ 1,772 Lbs./CY</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Disposed</b> <ul style="list-style-type: none"> <li>○ 322,260 Tons</li> </ul> </li> <li>• <b>Airspace Consumed</b> <ul style="list-style-type: none"> <li>○ 543,413 CY</li> </ul> </li> <li>• <b>AUF</b> <ul style="list-style-type: none"> <li>○ .85</li> </ul> </li> <li>• <b>Density</b> <ul style="list-style-type: none"> <li>○ 1,686 Lbs./CY</li> </ul> </li> </ul>

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### Cumulative Life Estimate of Cells V and VI If Incoming Volumes Change

300,000 Tons	325,000 Tons	350,000 Tons	400,000 Tons	500,000 Tons
11.1 years 3/2030	10.3 years 5/2029	9.5 years 7/2028	8.3 years 5/2027	6.7 years 9/2025

Assumptions

- .90 tons / CY or 1,800 lbs. / CY density for the life of the landfill
- The entire 3.7 million CY of airspace remaining can be captured

February 27, 2019

The majority of that 237, 767 tons at least 165,000 tons of what we brought in in '18 was ash, and our AUF for the ash was above one. But when you start bringing in other material, you can bring in it appears that you only have a small increase in your cubic yards that you use, but what happened is the compaction rate changed because of the material we brought in. That's where it's tricky when you start estimating exactly how long that landfill is going to last. We do the best we can, and we'll continue to stay on it and give you the best information we know, but these are things that will impact how the landfill is operating. There are two types of AUF, cumulative and in place. The AUF you see there is cumulative because that's what the engineers had done until two years ago, that's why there's a small difference.

### Cumulative Life Estimate of Cells V and VI If In Place Density Drops to 1,400 Pounds/CY

300,000 Tons	325,000 Tons	350,000 Tons	400,000 Tons	500,000 Tons
8.7 years 9/2027	8 years 2/2027	7.4 years 6/2026	6.5 years 7/2025	5.2 years 4/2023

Assumptions

- The entire 3.7 million CY of airspace remaining can be captured

February 27, 2019

The smallest things impact how much landfill space we have left. It is important that our people do a really good job of maintaining compaction and following the fill plan every day, not just once a year



but every day. Whenever your in-place density goes down, so does your cumulative AUF. It's critical critical that we keep our eye on this. I'll get a better feel for compaction on a daily basis and put in GPS systems on our equipment. We've got a meeting scheduled about two weeks from now to go over this with Liesl and make sure that we're encompassing all of what we can get out of the GPS system because this is such a critical element.

Chairman Keifer (NO) commented I see your calculations are based on whatever we estimate that to be, but can we in fact get the slopes that are used to compute the volumes?

Mr. Bagley responded those were computed using actual data. We would know because sometimes there's places you can't go back and get, so we had to use the actual data, but you're right. For the slopes going up, they do use that data. The best thing to do is stick with where you want to be with some understanding that you're going to have further compaction and then work from that number.

Ms. DeVary commented that Dennis, Henry and the other landfill staff are doing a great job of managing this. Not just annually, it's got to be something that we watch daily, weekly, and that's where having perhaps more surveys per year, just to make sure that we're hitting the slope points especially as we go up. I asked Dennis to provide this presentation to assure you that we are watching this and we are tracking this to make sure that we get the most out of the remaining use of Cells 5 & 6.

Mr. Sorrentino (VB) asked what is the amount of MSW that we are bringing to the landfill.

Mr. Bagley responded 325,000, but we'll watch that. We've got one year of data now. As we get more data, we'll be looking at what we do moving forward.

Mr. Sorrentino (VB) commented at 325,000 we have 8 years on Cells V and VI. Where are we on use of Cell VII?

Mr. Bagley responded if we get part A permitted, on cells 8, 9, then we can begin construction of Cell VII, and our goal is to have that by 2027. We need to move that up one year because we can't just go in and put anything that comes into the landfill in that fresh landfill. We've got to put fluff in there and use things to protect it. We would need some time to get that quantity of material in to open 7 fully.

Ms. DeVary commented that there will be a period of time where 5, 6 and 7 will be open at the same time.

Mr. Barnes (VB) commented that the landfill and the landfill airspace capacity is our single biggest asset for this organization. Tracking that efficiency and making sure that it's being used appropriately is absolutely critical. Where are we in the process of that GPS because it would help an awful lot of components in terms of compaction and making sure that you're filling in the slide slopes accurately. If you don't have GPS or frequent surveys, that's an imaginary line in the air and you don't know exactly as an operator where that imaginary line is. If you lose that space when you're low, you've lost it's all the way up.

Mr. Bagley commented we believe that by taking the time and researching the GPS options, we've got a really good solid plan moving forward. Cool is expensive, and if you're not going to use it, it doesn't become a value. We know what we want, but there's a lot of other features that can save a lot of money down the road if we buy it now, but if we buy it later, it's going to cost us twice as much money. We've been a little hesitant although we know it's important. I want to make sure we have the right thing when we buy it and we don't get something we're not going to use.

Mr. Barnes (VB) asked how much dirt is used? That's one of the other components of a landfill; dirt and/or ash that's required for daily cover on an MSW landfill, but the more dirt you use, the lower your compaction the lower your density because that's not generally included in overhead cost, it's not something that you get paid for.

Mr. Bagley responded that we track the dirt that we use every day. There are times when you must have dirt and one of the reasons why it was so important to get this trash out of the ash is because we're having to go back over that and cover that with more material from the pit. It costs us to bring the material over and cost us to cover it. We're very aware of that and we know how much dirt we're putting in there. You're right, that's a cost that's not shown in this report, but we do keep an eye on that every day.

Mr. Barnes (VB) commented a suggestion would be to look at the materials that we're bringing in and making sure that on a pounds per cubic yard basis that the money we're bringing in on the revenue side offsets the airspace those items are taking up. It's something to consider to make sure where we need to be. If you want more or less construction debris material, then price it accordingly, make sure those materials are paying for themselves in terms of the airspace utilization.

Ms. DeVary commented that the total construction demolition and debris is right under 15,000 tons. That's all that we're bringing in. Over the past several years we have increased the tip fee for construction and demolition debris because we're making sure that we are competitive or that we're not the lowest price so that everybody's bringing it here.

### C. CHAIRMAN'S COMMENTS

Chairman Keifer (NO) commented that I want to congratulate Toney and thank him for his many years of service and wish him the very best in his retirement.

## 2. ACTION AGENDA

### A. MINUTES OF THE BOARD MEETING

Chairman Keifer (NO) moved to the action agenda. The minutes of the January 23, 2019 Board meeting have been distributed. He asked if there were any additions or changes.

**Mr. McCoy (PO) moved, seconded by Mr. Broad (NO) to approve the January 23, 2019 minutes of the SPSA board as presented. The vote of the motion was unanimous.**

### B. FINANCIAL MATTERS

## 1. Financial Reports

Ms. DeVary began by stating for the month ending January 31, 2019, total revenues exceeded total expenses by approximately \$4.9 million as compared to \$2.1 million in the previous year. Tipping fees fiscal year to date reflect a decrease of less than 1% or approximately \$240,000 as compared to this time last year. Municipal waste tons are up approximately 14% or 32,753, and it's due to a combination of the bulk waste deliveries, weighing residential waste, which is up approximately 35% and an increase in MSW. Total municipal tonnages received fiscal year to date were 261,246 as compared to 228,493 a year ago. Total expenses of as January 31 were approximately \$23.6 million as compared to \$24.8 million in the prior year. Cash balances are \$29.9 million, and are designated with \$6.9 million in the operating fund, \$0.3 million for capital projects that haven't been completed yet, \$3.3 million is in undesignated fund balance, \$2.5 million that's designated in the capital budget, which is our portion of the HRSD force main, and \$16.9 million in the landfill closure/expansion fund.

**Mr. Sorrentino (VB) moved, seconded by Mr. Maxwell (CH) to approve the financial reports subject to audit as presented. The vote of the motion was unanimous.**

Ms. DeVary asked Mr. Bagley to present the contract for the board's consideration.

## 2. Contracts

Mr. Bagley commented that through the beginning of the permitting process of Cells 8-9, we realized the magnitude of this effort, and we're not going to get there unless we have a well-designed plan moving forward that addresses many of the issues that the Corps is going to have. There's been very few landfills or improvements to landfills that has affected 129 acres of wetlands. This task order in front of you is one that is written by HDR for the purpose of developing a wetland Environmental Impact Statement (EIS). They'll be coordinating that whole effort. The task order covers work required to initiate the EIS for the proposed wetlands permits associated with permitting. It also includes an updated jurisdictional wetland delineation of the proposed site. The staff's recommendation is to approve the HDR task order for \$99,140 as presented. You previously approved a task order for the application at your last meeting. This was an item that was deleted from that because they did not understand what was going to have to happen to meet all of the regulations at that point, and we didn't know what the costs were going to be. We've had meetings with DEQ and the Corps and we feel this is detrimental to the project and we create a detailed statement in such a way that we can minimize the amount of other work that we have to do. It also will help with the public input process.

Chairman Keifer (NO) commented that this is the first of many task orders that we're going to see with HDR with respect to the new landfill cells, and the position that we will continue to use them through this process. Their original contract was last year and this falls under their scope. We'll be seeing more work orders from HDR.

**Mr. Keaton (IW) moved, seconded by Mr. McCoy (PO) to award the contract to HDR, Engineering as presented. The vote of the motion was unanimous.**

### C. TEMPORARY ACCESS EASEMENT AGREEMENT

Ms. DeVary stated the next item is on the Temporary Access Easement for Atlantic Coast Pipeline, and asked Mr. Tisdale to address it.

Mr. Tisdale commented that this subject was addressed at the last board meeting. It's a resolution based on the Atlantic Coast Pipeline's initial request for a perpetual easement across part of SPSA's landfill property so that they can access the adjoining property on which the pipeline is going to be built, but what they asked for was an easement over what already existed and, in fact, is subject to an easement in favor of the adjoining property owner. We came to an agreement on the business terms. At the last meeting, Mr. Arnold raised the issue of keeping the current beneficiary of the current easement informed and coordinating that process, which we'll make sure they're notified. Mr. Roberts brought up the subject of traffic access given the intersection there and asked that we coordinate with the city on building something into the easement to give us control over that traffic situation. We worked with Robert Lewis of the city and came up with some language that was acceptable to ACP. In your package is the amended agreement, the limitation is that any vehicle larger than a pickup truck with a utility bed operated by ACP or its vendors or contractors, must access the drive by heading westbound, that is, making a right turn into the landfill. Only the smaller vehicles would be allowed to turn left off of 58 heading eastbound into the landfill.

#### RESOLUTION

#### TEMPORARY ACCESS EASEMENT AGREEMENT – ATLANTIC COAST PIPELINE LLC

WHEREAS, Atlantic Coast Pipeline, LLC, a company composed of subsidiaries of Dominion Resources, Duke Energy, Piedmont Natural Gas and Southern Company Gas, the parent company of Virginia Natural Gas (“ACP”), requested from the Southeastern Public Service Authority of Virginia (“SPSA”) a permanent easement over a road on SPSA’s regional landfill (“Regional Landfill”) property for the purpose of accessing property immediately adjacent to the Regional Landfill to the East (“Adjacent Property”) owned by another party (“Adjacent Property Owner”) in order to construct and maintain a portion of a spur of ACP’s pipeline on the Adjacent Property, which spur will run from a location on the Virginia/North Carolina border to the City of Chesapeake, Virginia, for consideration in the amount of \$13,820;

WHEREAS, the road over which ACP requested access already is subject to a permanent ingress/egress easement granted by SPSA for the benefit of the Adjacent Property Owner, for purposes of timbering activities;

WHEREAS, in consultation with counsel, SPSA management has negotiated with ACP’s land agent, Doyle Land Services, the non-exclusive Temporary Access Easement Agreement in the form attached hereto as Exhibit A (the “Easement Agreement”), which provides for a temporary easement over the subject road and will terminate five (5) years after execution of the Easement Agreement, with consideration in the amount of \$35,000;

WHEREAS, the Executive Director of SPSA and counsel have presented to the Board the terms and conditions of the Easement Agreement.

NOW THEREFORE, BE IT RESOLVED, by the Board of SPSA as follows:

1. The Board hereby ratifies, confirms and approves the actions of the Executive Director of SPSA in negotiating the Easement Agreement attached hereto as Exhibit A, and authorizes execution of the Easement Agreement by the Chairman of SPSA or the Executive Director, and delivery by the Executive Director.
2. The Board hereby authorizes and directs the Executive Director of SPSA, in the name of, and on behalf of SPSA, to do all such acts and prepare, execute, file and deliver all such other documents, instruments, certificates and agreements, each in the name of and on behalf of SPSA, as she may deem necessary or desirable to carry out the intent and purposes of the foregoing resolution.
3. The Board hereby authorizes and directs the Executive Director of SPSA, in the name of, and on behalf of SPSA, to take any and all steps and to do all things that she may deem necessary or advisable in order to effect the purposes of the foregoing resolutions.

**Mr. Broad (NO) moved, seconded by Ms. Raulston (FR) to adopt the Resolution for Temporary Access Easement Agreement for Atlantic Coast Pipeline on February 27, 2019 as presented. The vote of the motion was unanimous.**

**3. OLD/NEW BUSINESS**

Mr. McCoy commented that our Sanitation Superintendent, Mr. Al Thorne , which has been with the city of Portsmouth some 35 years was in a major accident last night and I extend to the Portsmouth family a get well to Al and whatever happens that he's in the best care that he can be.

**4. ADJOURN MEETING**

There being no other business to come before the Board of Directors the regular meeting was adjourned at 10:46 a.m.

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Liesl R. DeVary  
Executive Director

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Submitted by: Blanche Christian  
Secretary, SPSA Board of Directors

## 1. Financial Reports

**Statement of Revenue and Expenses – Budget to Actual Comparison**

For the month ending February 28, 2019, total revenues exceeded total expenses by approximately \$5.3 million as compared to \$2.7 million in the previous year.

Tipping fee revenue received FYTD reflects a decrease of 2.2% or approximately \$627,000 as compared to fiscal year 2018. Municipal waste tons are up approximately 14% or 34,615 tons as compared to fiscal year 2018. The increase in the municipal waste stream is largely due to receiving bulk waste.

For the month ending February 28, 2019, total expenses were approximately \$26.3 million as compared to \$27.7 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 2019 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 February 28, 2019, municipal waste tonnages reflect an increase of 14% or approximately 34,615 tons as compared to February 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 February 28, 2019 operating cash balances were approximately \$30.6 million representing approximately \$7.6 million in the operating account, \$3.3 million in undesignated fund balance, \$364,980 for FY 2018 Rolled Purchase Orders, \$2.5 million reserved for FY 2019 capital projects and \$16.9 million designated for landfill expansion/closure.

**RECOMMENDED ACTION:** Approve the financial reports as presented.

**MOTION:** Do I hear a motion that the SPSA 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 February 28, 2019**

	February 2019				February 2018			
	Adjusted Budget	Month	FYTD	% of Budget	Adjusted Budget	Month	FYTD	% of Budget
<b>REVENUES</b>								
Tipping Fees	\$ 37,720,239	\$ 2,960,228	\$ 28,302,832	75.0%	\$ 42,407,666	\$ 3,347,219	\$ 28,929,915	68.2%
Tire program	332,000	39,438	388,760	117.1%	292,000	43,869	259,706	88.9%
Household Hazardous Waste Revenue	250,000	14,934	166,489	66.6%	225,000	16,876	160,965	71.5%
White Goods Program	40,000	1,946	13,390	33.5%	40,000	2,861	22,128	55.3%
Landfill Gas Recovery	335,000	31,981	211,461	63.1%	335,000	46,745	217,599	65.0%
Miscellaneous Income	214,950	9,885	451,043	209.8%	639,390	12,226	641,229	100.3%
Interest Earnings	180,000	21,592	229,494	127.5%	180,000	19,982	146,249	81.2%
A Fund Balance / Capital / Rolled PO's	2,173,044	1,472	1,808,064	83.2%	351,971	-	-	0.0%
Fund Balance / Contingency	2,500,000	-	12,203	0.5%	592,448	-	-	0.0%
Fund Balance / Tip Fee Stabilization Fund	-	-	-	N/A	-	-	-	N/A
<b>TOTAL REVENUES</b>	<b>\$ 43,745,233</b>	<b>\$ 3,081,478</b>	<b>\$ 31,583,736</b>	<b>72.2%</b>	<b>\$ 45,063,475</b>	<b>\$ 3,489,779</b>	<b>\$ 30,377,791</b>	<b>67.4%</b>
<b>OPERATING EXPENSES</b>								
Administration								
Salaries / Wages	\$ 882,617	\$ 51,945	\$ 424,272	48.1%	\$ 773,361	\$ 42,599	\$ 357,701	46.3%
Employee Benefits	227,468	14,661	107,936	47.5%	213,478	11,949	100,817	47.2%
A Professional / Contracted Services	645,915	68,813	396,218	61.3%	609,426	70,070	606,737	99.6%
Other Operating Expenses	208,900	9,428	117,417	56.2%	152,580	12,713	102,854	67.4%
Materials / Supplies	15,498	184	3,588	23.2%	16,515	474	12,623	76.4%
Total Administration	\$ 1,980,398	\$ 145,030	\$ 1,049,432	53.0%	\$ 1,765,360	\$ 137,806	\$ 1,180,732	66.9%
Environmental Management								
Salaries / Wages	\$ 284,161	\$ 21,592	\$ 174,192	61.3%	\$ 281,909	\$ 17,508	\$ 167,116	59.3%
Employee Benefits	96,980	8,415	65,784	67.8%	96,178	6,741	65,283	67.9%
Professional / Contracted Services	43,160	787	25,893	60.0%	43,100	307	13,574	31.5%
Other Operating Expenses	7,168	734	4,163	58.1%	6,915	405	3,042	44.0%
Materials / Supplies	20,620	831	12,648	61.3%	20,680	1,782	6,311	30.5%
Total Environmental Management	\$ 452,089	\$ 32,360	\$ 282,680	62.5%	\$ 448,782	\$ 26,743	\$ 255,327	56.9%
Operations								
Salaries / Wages	\$ 5,539,339	\$ 383,061	\$ 3,328,482	60.1%	\$ 5,788,014	\$ 416,759	\$ 3,482,787	60.2%
Employee Benefits	1,924,879	146,573	1,200,882	62.4%	2,043,058	157,184	1,365,453	66.8%
A Professional / Contracted Services	2,868,719	167,815	1,606,232	56.0%	2,975,818	230,970	1,796,554	60.4%
Other Operating Expenses	864,252	68,856	465,548	53.9%	1,049,253	71,065	548,606	52.3%
Materials / Supplies	1,776,064	101,308	974,899	54.9%	1,728,439	106,519	899,772	52.1%
Total Operations	\$ 12,973,253	\$ 867,613	\$ 7,576,042	58.4%	\$ 13,584,582	\$ 982,496	\$ 8,093,172	59.6%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 15,405,740</b>	<b>\$ 1,045,003</b>	<b>\$ 8,908,154</b>	<b>57.8%</b>	<b>\$ 15,798,724</b>	<b>\$ 1,147,044</b>	<b>\$ 9,529,231</b>	<b>60.3%</b>
<b>CAPITAL PROJECTS / EQUIPMENT REPLACEMENT</b>								
A RLF - Pump House Rebuild	\$ 26,854	\$ -	\$ 26,854	100.0%				
A RLF - SCADA System Leachate System	378,985	-	290,905	76.8%				
A Leachate System Improvements	19,622	-	1,873	9.5%				
A NTS - Tip Floor/Drain Repairs	304,240	-	304,240	100.0%				
A Permanent Pump/Haul Loadout	1,191,486	1,472	899,495	75.5%				
A RLF - Site Maintenance	11,000	-	2,250	20.5%				
A HHW Facility Improvements	212,212	-	212,212	100.0%				
A HHW Trailers	8,400	-	8,400	100.0%				
HHW Relocation	115,000	-	-	0.0%				
GPS Rover Grade/Compaction	150,000	-	-	0.0%				
HRSD Force Main	2,032,760	-	-	0.0%				
Four-Post Lift (RLF Shop)	26,729	-	26,729	100.0%				
Shop Doors (RLF Shop)	39,325	-	-	0.0%				
Electric Forklift (OPC Shop)	28,454	-	28,454	100.0%				
MSW Tractors	976,399	-	-	0.0%				
BKNS - Compactor & 2 Boxes	75,039	-	75,039	100.0%				
CTS - Interior Repairs	121,000	-	-	0.0%				
CTS - Wheeled Excavator	260,904	-	-	0.0%				
CTS - Tip Floor Repairs	39,000	-	-	0.0%				
CTS - Asphalt/Concrete Repairs	28,215	-	28,215	100.0%				
LTS - Replace A/C Units	53,875	-	-	0.0%				
LTS - Pressure Wash/Paint	29,440	-	-	0.0%				
NTS - Replace Scale In/Outbound	185,485	-	-	0.0%				
NTS - Inbound Scale	90,839	-	-	0.0%				
STS - Wheeled Excavator	260,904	-	-	0.0%				

	February 2019				February 2018			
	Adjusted Budget	Month	FYTD	% of Budget	Adjusted Budget	Month	FYTD	% of Budget
<b>CAPITAL PROJECTS / EQUIPMENT REPLACEMENT ~ CONT'D</b>								
MUNIS Upgrade/Servers	15,999	-	15,999	100.0%				
Scalehouse Server	8,399	-	8,399	100.0%				
Computer Desktop Replacements	59,009	-	1,460	2.5%				
Scalehouse Software	158,360	47,008	47,008	29.7%				
TPF - Wheeled Loader	216,992	-	-	0.0%	-	-	-	
Cell 8/9 Permitting	467,240	-	12,203	2.6%				
FTS - Drainage Improvements	24,766	24,766	24,766	100.0%				
IT - Executime Software	56,963	-	-	0.0%				
RLF - Tractor	59,428	59,428	59,428	100.0%				
Access Control System	18,674	5,235	5,235	28.0%				
IOW - Concrete Landing Pads	30,000	-	-	0.0%				
System Domain Servers	16,600	-	-	0.0%				
MS Exchange Upgrade	15,650	-	-	0.0%				
Undesignated	7,477	-	-	0.0%				
<b>Total Capital/Equipment Replacement</b>	<b>\$ 7,821,724</b>	<b>\$ 137,909</b>	<b>\$ 2,079,164</b>	<b>26.6%</b>	<b>\$ 7,040,114</b>	<b>\$ 311,458</b>	<b>\$ 2,560,067</b>	<b>36.4%</b>
<b>DEBT SERVICE</b>								
Principal (transfers to trustee)	\$ -	\$ -	\$ -	N/A	\$ 2,473,750	\$ -	\$ 2,473,750	100.0%
Interest (transfers to trustee)	-	-	-	N/A	85,527	-	85,527	100.0%
<b>Total Debt Service</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>N/A</b>	<b>\$ 2,559,277</b>	<b>\$ -</b>	<b>\$ 2,559,277</b>	<b>100.0%</b>
Service Fee to Wheelabrator								
Annual Fee Paid over 12 Months	\$ -	\$ -	\$ -	N/A	\$ 14,677,421	\$ -	\$ 14,677,419	100.0%
Less: Steam Energy Revenue	-	-	-	N/A	(592,360)	-	(540,177)	91.2%
Less: SPSA Hauling Fee	-	-	-	N/A	(1,694,381)	-	(1,695,361)	100.1%
Less: Loading Fee	-	-	-	N/A	(171,888)	-	(167,805)	97.6%
Less: Proprietary Waste Revenue	-	-	-	N/A	(55,983)	-	(71,206)	127.2%
Less: Fuel Surcharge	-	-	-	N/A	(55,611)	-	(85,549)	153.8%
Less: Overtime Per Addendum 4	-	-	-	N/A	(30,303)	-	(30,473)	100.6%
Less: Cost for Ash Disposal	-	-	-	N/A	(447,310)	-	(507,266)	113.4%
Less: Diverted Waste Disposed by SPSA	-	-	-	N/A	-	-	(10,736)	N/A
Net Fee to Wheelabrator	\$ -	\$ -	\$ -	N/A	\$ 11,629,585	\$ -	\$ 11,568,847	99.5%
Contracted Waste Disposal	\$ 17,106,830	\$ 1,252,892	\$ 13,062,387	76.4%	\$ 8,030,775	\$ 1,466,006	\$ 1,466,006	18.3%
Suffolk Environmental Trust Fund	5,000	-	-	0.0%	5,000	-	-	0.0%
Reserves for Landfill Expansion/Closure	3,405,939	283,828	2,270,624	66.7%	-	-	-	N/A
<b>Total Other Uses</b>	<b>\$ 20,517,769</b>	<b>\$ 1,536,720</b>	<b>\$ 15,333,011</b>	<b>74.7%</b>	<b>\$ 19,665,360</b>	<b>\$ 1,466,006</b>	<b>\$ 13,034,853</b>	<b>66.3%</b>
<b>GRAND TOTAL EXPENSES</b>	<b>\$ 43,745,233</b>	<b>\$ 2,719,632</b>	<b>\$ 26,320,329</b>	<b>60.2%</b>	<b>\$ 45,063,475</b>	<b>\$ 2,924,509</b>	<b>\$ 27,683,428</b>	<b>61.4%</b>
<b>NET REVENUES / (EXPENSES)</b>	<b>\$ -</b>	<b>\$ 361,846</b>	<b>\$ 5,263,407</b>		<b>\$ -</b>	<b>\$ 565,270</b>	<b>\$ 2,694,363</b>	

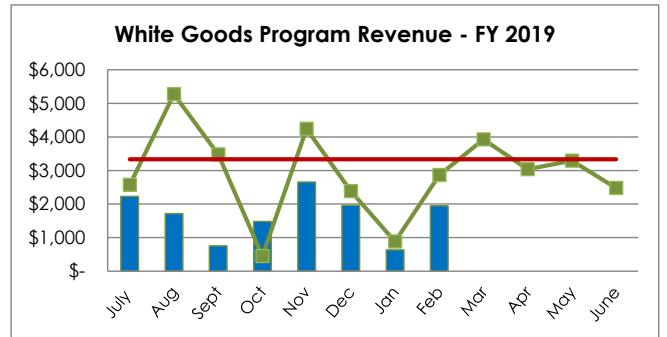
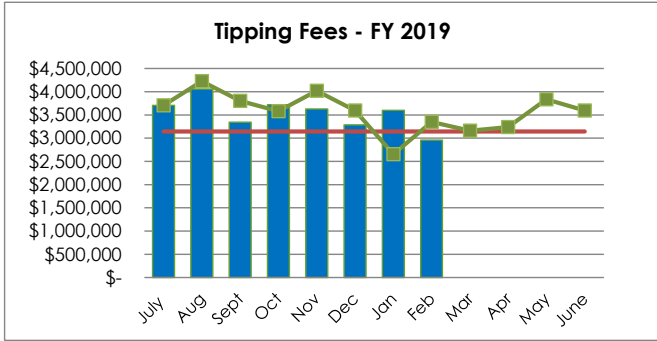
A Budget has been adjusted by \$2,173,044 for purchase orders rolled over from FY 2018.



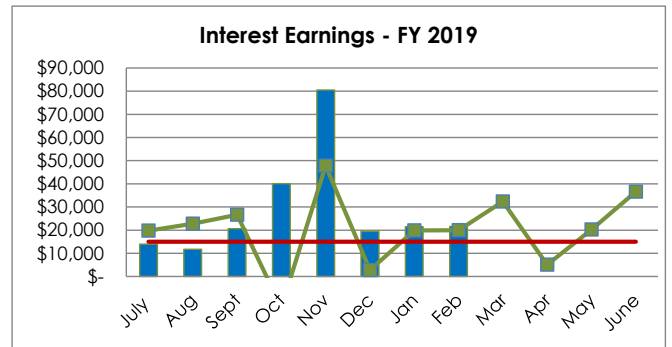
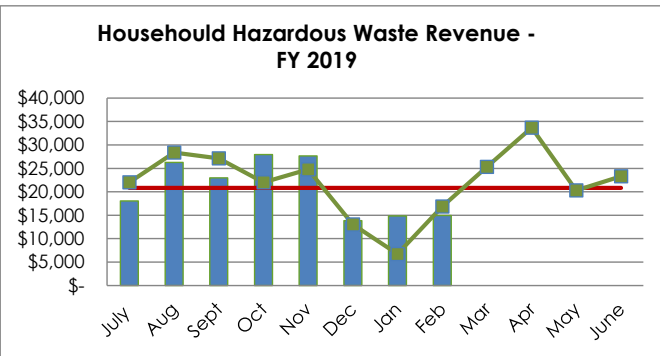
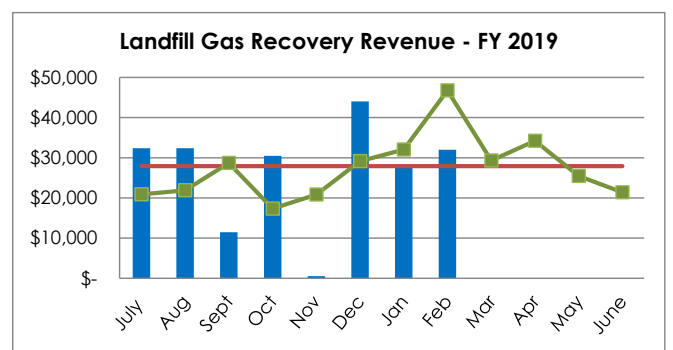
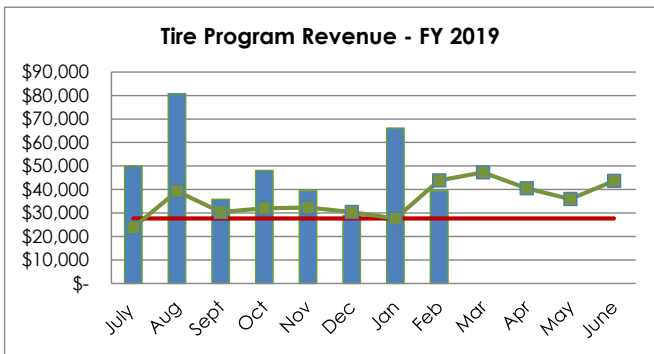
**Southeastern Public Service Authority  
Monthly Expense Line Items - Preliminary**

Description	FY 2019 Budget	Dec-18	Jan-19	Feb-19	FYTD	From Previous Month \$ Change	% Change
<b>Expenses</b>							
Salaries Exempt	\$ 1,971,248	\$ 131,768	\$ 129,114	\$ 134,873	\$ 1,104,555	\$ 5,759	4.5%
Salaries Non-Exempt	4,512,794	322,434	320,795	313,906	2,595,365	(6,889)	-2.1%
Overtime	222,075	31,829	34,780	7,819	227,026	(26,961)	-77.5%
Fica / Medicare Tax	513,017	34,681	35,445	33,294	284,103	(2,151)	-6.1%
VRS Retirement	37,470	2,719	2,727	2,730	22,355	3	0.1%
Health Insurance	1,403,597	109,467	111,264	110,912	894,577	(353)	-0.3%
Vrs Group Life Insurance	81,766	6,187	6,158	6,169	50,395	11	0.2%
Unemployment Insurance	9,853	64	2,271	1,700	4,421	(571)	-25.1%
Workers Compensation	203,624	14,844	14,844	14,844	118,752	-	0.0%
Medical Fees	12,200	530	726	510	4,020	(216)	-29.8%
Security Service	81,504	6,902	6,559	9,883	49,220	3,324	50.7%
Professional Services	173,944	34,861	893	285	69,457	(609)	-68.1%
Engineering Services	300,000	12,558	17,333	-	84,958	(17,333)	-100.0%
Landfill Survey	15,000	-	-	-	1,500	-	N/A
Legal Fees	325,000	12,055	7,022	14,801	191,279	7,778	110.8%
Environmental Testing	103,400	21,826	1,121	20,363	65,369	19,242	1716.5%
Fire Protection	7,000	-	473	153	3,306	(320)	-67.7%
Uniform Rental	30,693	1,500	1,378	2,590	15,090	1,212	88.0%
Maintenance Service Agreements	140,173	3,191	3,036	47,337	103,809	44,301	1459.2%
Grounds Maintenance	108,007	717	8,664	984	39,806	(7,680)	-88.6%
Hazardous Waste Disp/Cleanup	27,000	-	19,950	-	20,553	(19,950)	-100.0%
Equipment Maintenance	973,823	41,797	130,630	38,605	586,770	(92,025)	-70.4%
Building / Site Maintenance	536,589	57,738	45,047	37,864	340,078	(7,183)	-15.9%
Leachate Pumping Station Maint	50,000	25	1,994	590	22,047	(1,403)	-70.4%
Pump & Haul Leachate	4,999	-	-	-	4,899	-	N/A
Printing	300	-	-	-	-	-	N/A
Advertising	13,700	-	-	300	2,538	300	N/A
Permit Fees	74,462	-	-	9,912	66,877	9,912	N/A
Suffolk Host Fee	580,000	39,012	54,348	53,240	356,768	(1,108)	-2.0%
Electricity	218,275	19,155	22,084	16,749	131,024	(5,335)	-24.2%
Heating/Gas/Propane	14,700	1,885	3,832	2,443	8,732	(1,389)	-36.2%
Water / Sewer	48,442	4,759	2,548	2,711	25,472	163	6.4%
Leachate Treatment	255,001	7,617	9,078	16,951	66,330	7,874	86.7%
Telephone	108,000	7,778	7,941	1,975	51,676	(5,966)	-75.1%
Postage	2,460	116	216	255	1,283	39	18.2%
Radio Communication & Repair	11,200	-	50	2,160	6,166	2,110	4219.5%
Insurance & Bonding	185,364	15,447	15,447	15,447	124,076	-	0.0%
Equipment Rental	39,500	1,278	558	2,385	30,396	1,827	327.2%
Land Lease Payment	3,500	292	292	292	2,333	-	0.0%
Tire De-Rimming Service	10,000	-	-	2,485	3,850	2,485	N/A
Travel And Training	13,270	705	903	2,806	8,463	1,903	210.8%
Road Tolls	121,675	10,713	11,085	9,208	89,365	(1,878)	-16.9%
Membership & Professional Dues	3,933	-	-	-	1,846	-	N/A
Bank Fees	35,000	3,156	2,819	3,151	26,865	332	11.8%
Awards Programs	9,000	174	45	-	8,316	(45)	-100.0%
EMS Support Program	1,000	-	-	-	935	-	N/A
Office Supplies	13,680	156	1,026	791	7,649	(236)	-23.0%
Dues & Subscriptions	1,750	-	-	-	445	-	N/A
Other Operating Supplies	92,210	1,629	11,918	6,745	47,296	(5,172)	-43.4%
Vehicle / Equipment Fuel	871,024	54,396	51,391	41,842	463,347	(9,549)	-18.6%
Vehicle / Equipment Tires	772,300	63,209	52,028	49,026	433,809	(3,002)	-5.8%
Safety Apparel & Equipment	27,750	1,004	2,758	993	10,208	(1,765)	-64.0%
Small Equipment	23,668	478	5,106	2,927	26,904	(2,179)	-42.7%
Computer Hardware	9,800	-	1,198	-	1,478	(1,198)	-100.0%
<b>Total Operating Expenses</b>	<b>\$ 15,405,740</b>	<b>\$ 1,080,653</b>	<b>\$ 1,158,894</b>	<b>\$ 1,045,003</b>	<b>\$ 8,908,154</b>	<b>\$ (113,891)</b>	<b>-9.8%</b>
Capital Projects/Equip Replacement	\$ 7,821,724	25,270	522,853	137,909	2,079,164	(384,944)	-73.6%
Contracted Waste Disposal	17,106,830	1,568,219	1,644,771	1,252,892	13,062,387	(391,879)	-23.8%
Suffolk Environmental Trust Fund	5,000	-	-	-	-	-	N/A
Reserves for Landfill Expansion/Closure	3,405,939	283,828	283,828	283,828	2,270,624	-	0.0%
<b>Total Expenses</b>	<b>\$ 43,745,233</b>	<b>\$ 2,957,970</b>	<b>\$ 3,610,346</b>	<b>\$ 2,719,632</b>	<b>\$ 26,320,329</b>	<b>\$ (890,713)</b>	<b>-24.7%</b>

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

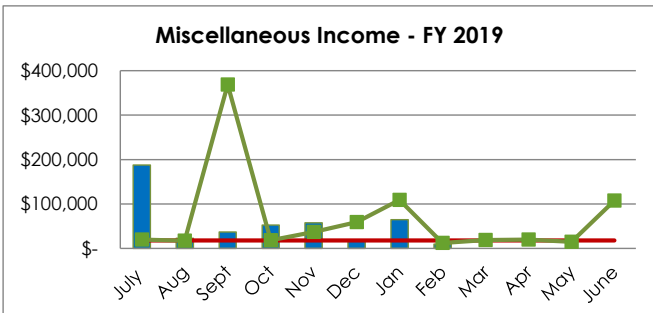


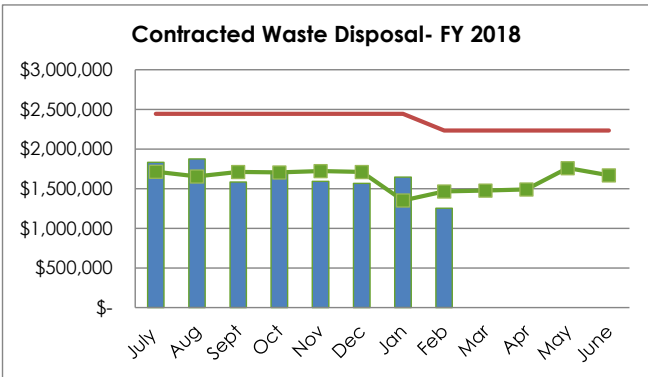
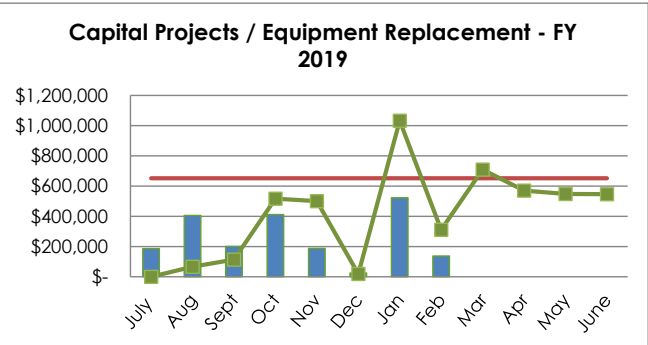
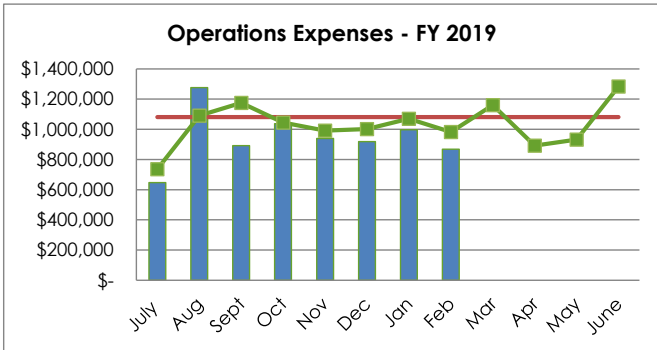
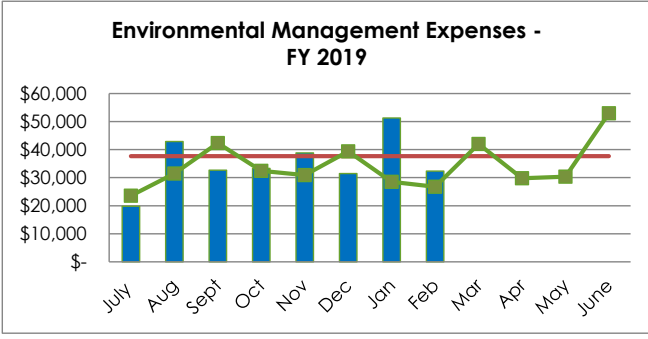
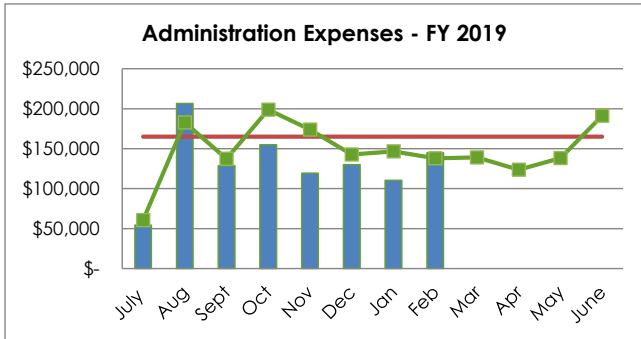
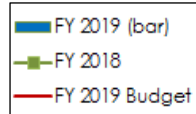
\* Monthly revenue is dependent on users.



\* Monthly revenue is dependent on users.

Interest payments vary based on investment date and maturity date.

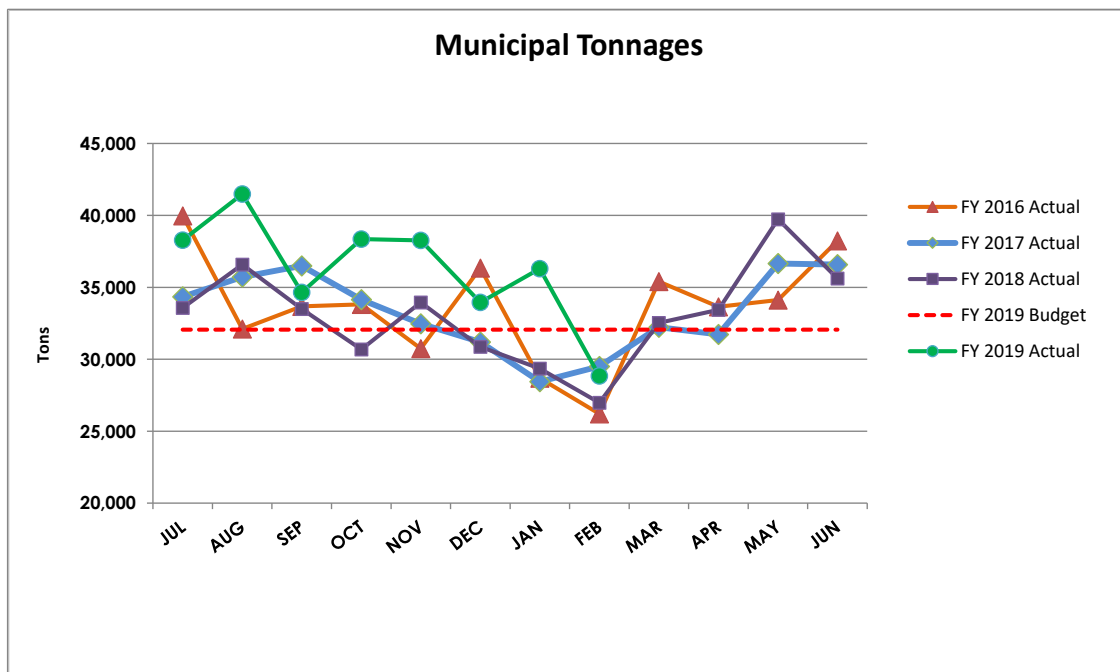




## Southeastern Public Service Authority (SPSA) Waste Stream

Waste Category	FY 2015 Actual (Tons)	FY 2016 Actual (Tons)	FY 2017 Actual (Tons)	FY 2018 Actual (Tons)	FY 2019 Budget	FY 2019	
						Actual (Tons) as of 2/28/2019	% of Budget
<b>Waste Stream Budgeted under Tipping Fees</b>							
Municipal Waste							
Chesapeake	92,072	94,981	90,926	90,896	92,987	68,126	73.3%
Franklin	2,524	2,592	2,690	2,698	2,915	1,954	67.0%
Isle of Wight	16,070	16,513	15,180	16,883	16,331	11,328	69.4%
Norfolk	62,296	66,240	64,575	62,587	80,746	58,717	72.7%
Portsmouth	28,439	29,089	30,023	32,769	35,231	25,996	73.8%
Southampton	8,107	8,385	8,593	8,910	8,726	6,849	78.5%
Suffolk	43,337	40,068	45,645	40,847	41,571	26,784	64.4%
Virginia Beach	133,304	134,285	130,645	127,483	137,983	90,331	65.5%
Residential (Free of Charge)	9,331	10,096	11,223	13,711	-	-	N/A
<b>Total Municipal Waste</b>	<b>395,480</b>	<b>402,249</b>	<b>399,500</b>	<b>396,784</b>	<b>416,490</b>	<b>290,085</b>	<b>69.6%</b>
Sludge - Norfolk	5,866	4,611	4,782	5,586	4,900	4,172	85.1%
Navy Waste	25,357	24,725	24,500	26,653	4,083	17,222	421.8%
SPSA Contracted Waste	-	-	26,437	65,936	104,000	94,685	91.0%
Construction & Demolition Debris	10,066	11,486	14,252	14,850	15,000	6,661	44.4%
Non-Contract Waste	-	-	-	15,469	30,000	23,667	78.9%
<b>Total Other Waste</b>	<b>41,289</b>	<b>40,822</b>	<b>69,971</b>	<b>128,494</b>	<b>157,983</b>	<b>146,407</b>	<b>92.7%</b>
<b>Total Waste Stream</b>	<b>436,769</b>	<b>443,071</b>	<b>469,471</b>	<b>525,278</b>	<b>574,473</b>	<b>436,492</b>	<b>76.0%</b>

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 2019												
	FY 2015	FY 2016	FY 2017	FY 2018	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	FY 2019
Construction and Demolition Debris	10,066	11,485	14,252	14,850	906	1,353	863	839	531	683	822	664	6,661
Water Treatment Plant Sludge	7,198	5,314	4,927	5,717	649	636	391	511	613	461	493	417	4,171
Industrial Waste	1,552	874	846	379	60	23	19	25	28	14	7	9	185
Soils for Use as Alternate Daily Cover	34,168	66,380	18,935	9,990	670	725	716	990	774	809	1,158	499	6,341
Clean Fill	56,311	92,732	25,369	26,396	-	90	-	-	-	-	110	-	200
Peanut Residue/Hulls	2,894	3,202	5,650	9,366	223	234	194	357	350	293	358	300	2,309
Non-Processible Municipal Solid Waste <sup>1</sup>	6,189	1,788	5,765	3,791	61	62	59	60	85	62	73	51	513
Navy Waste <sup>2</sup>	36	88	150	154	19	10	6	60	71	1	20	29	216
Non-Processible Commercial Waste <sup>2</sup>	4,265	5,096	4,518	2,631	40	88	58	64	46	45	64	50	455
Fluff from BiMetals	5,708	-	-	-	-	-	-	-	-	-	-	-	-
Concrete/Asphalt	3,832	416	3	-	-	-	-	-	133	-	-	-	133
Shredded Tires	2,587	3,052	3,289	4,586	86	872	421	514	473	391	64	435	3,256
Ash	192,754	177,493	174,420	179,361	14,872	17,651	13,592	14,551	13,984	11,871	11,180	4,706	102,407
Non-Qualifying Ash	-	-	-	-	-	-	-	-	681	561	3,644	4,943	9,829
MSW from FTS, IWTS, STS	-	-	-	46,011	9,020	9,286	7,519	8,869	8,590	7,806	8,464	7,090	66,644
Clean Fill - Clearfield	33,899	32,400	28,226	14,496	3,345	4,328	5,802	6,180	-	11,718	2,892	4,328	38,593
Residual Waste - Clearfield	2,973	4,857	9,771	180	38	123	38	9	-	-	-	57	265
Diverted Processible Waste (fromTsf Stations)	22,402	1,780	11,337	201	-	-	-	-	-	120	-	-	120
<b>Total</b>	<b>386,833</b>	<b>406,957</b>	<b>307,458</b>	<b>318,109</b>	<b>29,989</b>	<b>35,481</b>	<b>29,678</b>	<b>33,029</b>	<b>26,359</b>	<b>34,835</b>	<b>29,349</b>	<b>23,578</b>	<b>242,298</b>

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

<sup>2</sup> 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 February 28, 2019**

<b>Fund Type</b>	<b>Beginning Balance</b>	<b>Deposits / Transfers In</b>	<b>Interest Earnings</b>	<b>Debt Service</b>	<b>Payables / Transfers Out</b>	<b>Payroll</b>	<b>Ending Balance</b>
<b>Unrestricted and Designated Funds (see footnote below):</b>							
Townebank Operating	\$ 3,804,052.41	\$ 3,314,284.25			\$ 2,112,531.69	\$ 488,976.68	\$ 4,516,828.29
Townebank Money Market	1,091,784.66		376.95				1,092,161.61
Townebank CD	6,000,000.00						6,000,000.00
Virginia Investment Pool (VIP)	9,101,488.69		18,075.65				9,119,564.34
Raymond James & Associates Investments	9,914,337.54		1,560.76		1,560.79		9,914,337.51
<b>Total Unrestricted and Designated Funds</b>	<b>\$ 29,911,663.30</b>	<b>\$ 3,314,284.25</b>	<b>\$ 20,013.36</b>	<b>\$ -</b>	<b>\$ 2,114,092.48</b>	<b>\$ 488,976.68</b>	<b>\$ 30,642,891.75</b>
<b>Trust Funds:</b>							
Environmental / Va. Beach Landfill	\$ 461,628.38		802.52				462,430.90
Environmental / Regional Landfill	446,263.48		775.82				447,039.30
<b>Total Trust Funds</b>	<b>\$ 907,891.86</b>	<b>\$ -</b>	<b>\$ 1,578.34</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 909,470.20</b>
<b>GRAND TOTAL</b>	<b>\$ 30,819,555.16</b>	<b>\$ 3,314,284.25</b>	<b>\$ 21,591.70</b>	<b>\$ -</b>	<b>\$ 2,114,092.48</b>	<b>\$ 488,976.68</b>	<b>\$ 31,552,361.95</b>

**Cash Balances Designated as follows:**

Operating Account	\$ 7,643,353.13
Undesignated (Fund Balance June 30, 2018)	3,294,353.25
Reserved for FY 2018 Rolled Purchase Orders	364,979.87
Reserved for FY 2019 Capital	\$2,487,797.50
Landfill Expansion / Closure (June 30, 2018)	16,852,408.00
<b>Total Designated Funds</b>	<b>\$ 30,642,891.75</b>

- 2. Contracts
  - A. Contract Awards
    - 1. Data & Telecommunications Provider

<b>BID:</b>	N/A	<b>PROJECT:</b>	Replacement of Data / Phone Service Provider
<b>ISSUED:</b>	N/A	<b>TERM:</b>	1 Year
<b>Vendor (s)</b>		<b>Annual Cost</b>	
Cox Communications		Approximately \$85,718	
<b>STAFF RECOMMENDS AWARD TO:</b>		Cox Communication	
<b>PROCEED WITH CONTRACT AWARD:</b>		Signature _____ Date _____ Chairman Board of Directors	
<b>HOLD UNTIL FURTHER NOTICE:</b>		Signature _____ Date _____ Chairman Board of Directors	

**COMMENTS:** At present SPSA's data and phone network is provided by Windstream Communications. There have been issues with the reliability that culminated in a 5 day network and phone outage. Windstream contracts out the "last mile final connection" with various sub-contractors meaning when there is an issue, multiple parties need to be involved in resolving the issue. Cox is able to provide service to all but three of our sites without contracting out the final connection. This should provide for quicker resolution when there are issues. The sites they cannot reach in-house are Isle of Wight, Franklin, and the Suffolk Landfill.

Additionally, with the new service with Cox we will be increasing our data bandwidth at all sites except for Operations and the Suffolk Landfill. Those two sites already have adequate bandwidth and do not need an increase. This increased bandwidth will increase the data efficiency of our network as technological changes continue to grow and require more data to maintain smooth operations.

The Cox solution is based on cooperative procurement contracts from Fairfax County Public Schools and the Chesapeake City Public Schools. The contract is effective July 1, 2019 for 1 year.

**RECOMMENDED ACTION:** Award the contract to Cox Communication with an effective date of July 1, 2019.

**MOTION:** Do I hear a motion to award the contract to Cox Communication as presented.

3. **PRESENTATION OF THE JULY 1, 2019 – JUNE 30, 2020 BUDGET.** . Liesl DeVary

4. **RESOLUTION SETTING PUBLIC HEARING FOR SCHEDULE OF FEES AND CHARGES** . . . . . Liesl DeVary

**RESOLUTION TO ADOPT PRELIMINARY SCHEDULE OF FEES AND CHARGES FOR THE SOUTHEASTERN PUBLIC SERVICE AUTHORITY OF VIRGINIA AND SETTING DATE FOR PUBLIC HEARING ON SAME**

**WHEREAS**, the Board of the Southeastern Public Service Authority of Virginia (sometimes referred to herein as “**SPSA**”) desires to add new rates, fees and/or charges to be levied by SPSA and change certain rates, fees or charges previously fixed by SPSA for the services available through its refuse collection and disposal system, primarily by reductions to the rate payable for disposal of municipal solid waste with such changes to be effective July 1, 2019; and

**WHEREAS**, in connection with such proposed changes to existing rates, fees or charges and such proposed fixing of new rates, fees or charges to be levied by SPSA for the disposal of solid waste at its facilities, Section 15.2-5136(G) and Section 15.2-5136(H) of the Virginia Water and Waste Authorities Act (the “**Act**”) require (i) the adoption by SPSA of a resolution setting forth a preliminary schedule fixing and classifying such rates, fees and/or charges, (ii) SPSA to set and hold a public hearing with respect to such preliminary schedule where all users of the systems or facilities and all other interested parties have an opportunity to be heard concerning the proposed rates, fees and charges set forth therein, (iii) notice of such public hearing, setting forth the proposed schedule of rates, fees and charges, to be given by two publications, at least six days apart, in a newspaper having a general circulation in the area served by SPSA’s refuse collection and disposal system, with the second notice being published at least 14 days before the date fixed in such notice for the hearing, and (iv) a copy of such notice to be mailed to the governing bodies of all localities in which such refuse collection and disposal system or any part thereof is located;

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of the Southeastern Public Service Authority of Virginia hereby adopts the Preliminary Revised Schedule of Fees and Charges for Solid Waste Management setting forth such rates, fees and charges to be levied by SPSA for the disposal of solid waste at its facilities, with the changed and new rates reflected in such Schedule to be effective July 1, 2019, as set forth on the attached page; and

**FURTHER RESOLVED**, that the Board of the Southeastern Public Service Authority of Virginia hereby (i) establishes April 24, 2019 at 9:30 a.m. as the date and time for the public hearing on the Preliminary Revised Schedule of Fees and Charges for Solid Waste Management and (ii) authorizes and directs SPSA executive staff to provide notice of such public hearing, as required under and in accordance with the applicable provisions of Section 15.2-5136(G) of the Act, by publication and with copies by mail to the governing bodies of SPSA’s member localities.

Adopted by the Board this 27<sup>th</sup> day of March, 2019.

**RECOMMENDED ACTION:** Approve the Resolution as presented.

**MOTION:** Do I hear a motion that the Resolution setting a public hearing for the schedule of fees and charges be adopted as provided this 27<sup>h</sup> day of March 2019.





**SOUTHEASTERN PUBLIC SERVICE AUTHORITY OF VIRGINIA  
Fees and Charges for Solid Waste Management**

Proposed Effective July 1, 2019

<b>WASTE DISPOSAL - TRANSFER STATIONS</b>	
<b>Waste Delivered to All Disposal Points:</b>	<b>Rate</b>
Municipal Solid Waste (delivered by or on behalf of any SPSA Member Community directly to a SPSA Transfer Station or directly to the WPI RDF Facility)	<del>\$62 per ton</del> \$57 per ton
Contract Non-Municipal Customers (minimum 50,000 tpy)	<del>\$49 per ton</del> \$51 per ton
Non-Contract Non-Municipal Customers	<del>\$75 per ton</del> \$76 per ton
U.S. Navy Waste under contract with SPSA	Per Contract
Residential Solid Waste Delivered in accordance with Residential Guidelines (Billed to SPSA Member Community) (Minimum fee does not apply)	<del>\$62 per ton</del> \$57 per ton
Certified Weight	\$20
**Regulated Medical Waste is Prohibited at all SPSA Facilities. A Penalty will be charged Per Occurrence of \$250, Plus any Costs Incurred/Revenues Lost**	

<b>WASTE DISPOSAL - LANDFILL ONLY</b>	
<b>Waste Delivered to SPSA's Regional Landfill:</b>	<b>Rate</b>
Municipal Solid Waste Unacceptable at Transfer Stations (delivered by or on behalf of any SPSA Member Community)	<del>\$62 per ton</del> \$57 per ton
Industrial Process Waste (accepted only with prior approval)	<del>\$75 per ton</del> \$76 per ton
Solid Waste Unacceptable at Transfer Station (non-municipal customer)	<del>\$75 per ton</del> \$76 per ton
Dead Animals Bagged or Unbagged (household pets only, i.e. dogs and cats)	\$20 each
Water Treatment Plant Sludge from any Member Community Transported by SPSA	\$50 per ton
Construction and Demolition Waste	\$51 per ton
Campers/trailers (minimum fee \$204 each)	\$204 per ton
Boats (minimum fee \$84 each) (All liquids must be removed prior to delivery and disposal)	\$84 per ton
Special Handling Waste (accepted only with prior approval)	Handling Cost plus 25%

<b>TIRES - LANDFILL ONLY</b>	
<b>Whole Tires Accepted at SPSA's Regional Landfill Only:</b>	<b>Rate</b>
Automobile and Light Truck	\$82.50 per ton
Automobile and Light Truck DIRTY LOAD	\$150 per ton
Truck and Light Industrial (up to 24.5" rim diameter)	\$145 per ton
Heavy Equipment and Off-the-Road	\$160 each
Tires with Rims	Add \$3.00 per tire

<b>HOUSEHOLD HAZARDOUS WASTE</b>	
<b>User Fees:</b>	<b>Rate</b>
Rate Per Resident Visit (Billed to SPSA Member Community)	\$36 per visit
<b>Waste Accepted at SPSA's Regional Landfill (from Businesses)</b>	
	<b>Rate</b>
Batteries (lead & rechargeable)	\$60 per ton
Alkaline Batteries	\$0.75 / lb.
SPSA reserves the right to reject certain quantities of batteries dependent on storage availability.	

<b>MISCELLANEOUS</b>	
<b>Appliances with CFC Disposed at SPSA's Regional Landfill:</b>	<b>Rate</b>
SPSA Member Community or Residents (Billed to SPSA Member Community)	\$15 each
Businesses	\$15 each
White Goods Containers (Includes rental rate plus haul cost)	\$75 - \$125 per pull

**SOILS FOR USE AS ALTERNATIVE DAILY COVER (ADC)**

<b>Material Type</b>	<b>Disposal Rate</b>
	<b>Per Ton</b>
ADC10	\$10.00
ADC15	\$15.00
ADC20	\$20.00
ADC25	\$25.00

**General Rate Explanation:** Those wishing to dispose of soils as ADC must receive prior approval from the Landfill Superintendent or his/her designee. At a minimum, SPSA requires the submission of specified analytical results prior to delivery and acceptance of any soils. No soils will be considered for use as ADC containing rebar or with debris containing rebar. Material with a higher than desirable moisture content will be charged the ADC25 rate.

- ADC10 (\$10 rate) applies to material of screen quality
- ADC15 (\$15 rate) applies to material with manageable amounts of 1' or smaller debris such as brick, concrete, or asphalt
- ADC20 (\$20 rate) applies to material that contains a manageable amount of debris such as brick, concrete, or asphalt between 1' and 2' in size
- ADC25 (\$25 rate) applies to material that contains a manageable amount of debris such as brick, concrete, or asphalt, larger than 2' or high moisture content

**For any category of Waste Disposal which is based on weight, the Minimum Fee is \$20.00, unless otherwise noted above.**

5. **OLD/NEW BUSINESS**

6. **ADJOURN MEETING**

LUNCH **WILL NOT** BE SERVED WITH THIS MEETING