

**A G E N D A**  
**JAMES CITY SERVICE AUTHORITY BOARD OF DIRECTORS**  
**REGULAR MEETING**  
**County Government Center Board Room**  
**101 Mounts Bay Road, Williamsburg, VA 23185**  
**January 22, 2019**  
**4:00 PM**

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**A. CALL TO ORDER**

**B. ROLL CALL**

**C. PUBLIC COMMENT**

**D. CONSENT CALENDAR**

1. Minutes Adoption

**E. PUBLIC HEARING(S)**

1. Easement Abandonment - Area East of 7000 Westbrook Drive, Part of 6799 Richmond Road  
- Colonial Heritage

**F. BOARD CONSIDERATION(S)**

1. Contract Award - Replacement of Five Forks Water Treatment Plant Variable Frequency  
Drives - Electric Motor & Contracting CO., Inc. - \$261,186
2. Setting a Public Hearing - Fiscal Year 2020 Utility Rates

**G. BOARD REQUESTS AND DIRECTIVES**

**H. GENERAL MANAGER'S UPDATE**

**I. ADJOURNMENT**

1. Adjourn until 4 p.m. on February 26, 2019 for the Regular Meeting

**ITEM SUMMARY**

DATE: 1/22/2019  
TO: The Board of Directors  
FROM: Teresa J. Fellows, Deputy Secretary  
SUBJECT: Minutes Adoption

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**ATTACHMENTS:**

	Description	Type
📎	121118 BOD Minutes	Minutes

**REVIEWERS:**

Department	Reviewer	Action	Date
Board Secretary	Fellows, Teresa	Approved	1/4/2019 - 3:35 PM

**MINUTES**  
**JAMES CITY SERVICE AUTHORITY BOARD OF DIRECTORS**  
**REGULAR MEETING**  
**County Government Center Board Room**  
**101 Mounts Bay Road, Williamsburg, VA 23185**  
**December 11, 2018**  
**5:00 PM**

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**A. CALL TO ORDER**

**B. ROLL CALL**

Michael J. Hipple, Vice Chairman, Powhatan District  
John J. McGlennon, Roberts District  
James O. Icenhour, Jr., Jamestown District  
Ruth M. Larson, Berkeley District  
P. Sue Sadler, Chairman, Stonehouse District

Scott A. Stevens, Secretary to the Board  
Adam R. Kinsman, County Attorney  
M. Douglas Powell, General Manager, James City Service Authority (JCSA)

**C. PUBLIC COMMENT**

None.

**D. CONSENT CALENDAR**

1. Minutes Adoption - November 13, 2018 Meeting

A motion to Approve was made by James Icenhour Jr, the motion result was Passed.  
AYES: 5 NAYS: 0 ABSTAIN: 0 ABSENT: 0  
Ayes: Hipple, Icenhour Jr, Larson, McGlennon, Sadler

**E. PUBLIC HEARING(S)**

None.

**F. BOARD CONSIDERATION(S)**

1. Contract Award - Lift Station 5-4 Floodproofing and Renovation

A motion to Approve was made by John McGlennon, the motion result was Passed.  
AYES: 5 NAYS: 0 ABSTAIN: 0 ABSENT: 0  
Ayes: Hipple, Icenhour Jr, Larson, McGlennon, Sadler

Mr. Powell addressed the Board regarding the Lift Station 5-4 contract award as this lift station had a history of flooding.

Mr. McGlennon asked about the location of the lift station.

Mr. Powell confirmed the location was west of Government Road.

2. Virginia Retirement System Benefits

A motion to Approve was made by Ruth Larson, the motion result was Passed.

AYES: 5 NAYS: 0 ABSTAIN: 0 ABSENT: 0

Ayes: Hipple, Icenhour Jr, Larson, McGlennon, Sadler

Mr. Powell referenced the September 2018 Board of Supervisors meeting and changes to the VRS system for years of service and age requirements. He noted that the actuarial study for JCSA had been completed and highlighted the results. Mr. Powell requested the same years of service and age requirements as adopted for County employees be granted to JCSA employees.

**G. BOARD REQUESTS AND DIRECTIVES**

None.

**H. GENERAL MANAGER'S UPDATE**

1. JCSA Financial Audit Presentation

Mr. Powell welcomed Ms. Sue Mellen, Director of Financial and Management Services (FMS), to the presentation.

Ms. Mellen noted a change to the Service Authority audit, which had always been part of the County audit. She further noted the County audit was complete, but was still awaiting the School System's financials. Ms. Mellen added that Ms. Leslie Roberts from Brown Edwards would present the JCSA financial statements. She noted that prior to the completion of the audits there was a change from Dixon Hughes Goodman and the governmental section of the firm split off and moved to Brown Edwards. She further noted the advantage to having this governmental knowledge for the County.

Ms. Roberts provided an update on the JCSA audit noting a more detailed report was available for the Board. She noted her team was working well with the County's team on the financials. Ms. Roberts highlighted certain aspects of the report including net position, revenue expenses and changes and statement of cash flow. She also highlighted state compliances in the report.

The Board thanked Ms. Roberts.

Mr. Powell also thanked Ms. Roberts, as well as Ms. Mellen, Ms. Sharon Day and the FMS staff for all their work. Mr. Powell also acknowledged Ms. Stephanie Luton, Chief Financial Officer and Treasurer of JCSA, for her excellent work.

2. Results of Employee Engagement Survey

Mr. Powell addressed the Board regarding the County Survey in relation to JCSA. He noted the positivity, but also stressed that he and senior management would address any concerns.

Mr. McGlennon asked about workforce development and the community college in a training program with senior employees.

Discussion ensued.

Ms. Sadler noted prior to adjournment, a point of clarification on a change to the JCSA Board of Directors meeting schedule.

Mr. Powell confirmed that would be discussed at the January 2, 2019 organizational meeting, but stated his understanding was the JCSA Board meetings would move to the fourth Tuesday of the month at the work session meeting at 4 p.m.

## **I. ADJOURNMENT**

1. Adjourn until 4 p.m. on January 2, 2019, for the Organizational Meeting

A motion to Adjourn was made by James Icenhour Jr, the motion result was Passed.

AYES: 5 NAYS: 0 ABSTAIN: 0 ABSENT: 0

Ayes: Hipple, Icenhour Jr, Larson, McGlennon, Sadler

At approximately 7:03 p.m., Ms. Sadler adjourned the Board of Directors.

**ITEM SUMMARY**

DATE: 1/22/2019

TO: The Board of Directors

FROM: M. Douglas Powell, General Manager

SUBJECT: Easement Abandonment - Area East of 7000 Westbrook Drive, Part of 6799  
Richmond Road - Colonial Heritage

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**ATTACHMENTS:**

	Description	Type
☐	Memo	Cover Memo
☐	Resolution	Resolution
☐	Site Plan	Backup Material

**REVIEWERS:**

Department	Reviewer	Action	Date
James City Service Authority	Powell, Doug	Approved	1/3/2019 - 7:52 AM
Publication Management	Daniel, Martha	Approved	1/3/2019 - 8:17 AM
Legal Review	Kinsman, Adam	Approved	1/4/2019 - 11:52 AM
Board Secretary	Fellows, Teresa	Approved	1/4/2019 - 3:36 PM
Board Secretary	Purse, Jason	Approved	1/4/2019 - 4:18 PM
Board Secretary	Fellows, Teresa	Approved	1/4/2019 - 4:33 PM

## MEMORANDUM

DATE: January 22, 2019

TO: The Board of Directors

FROM: M. Douglas Powell, General Manager, James City Service Authority

SUBJECT: Easement Abandonment - Area East of 7000 Westbrook Drive, Part of 6799 Richmond Road - Colonial Heritage

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AES Consulting Engineers has requested that the James City Service Authority (JCSA) abandon 31,290 square feet or 0.718 acres of an existing 20-foot-wide JCSA easement on the east side of Lift Station 9-9 located at 7000 Westbrook Drive. Due to the creation of a subdivision road called Westbrook Drive, a portion of the easement is no longer required. JCSA will retain rights to the ingress/egress easement at the end of Westbrook Drive to the Lift Station. In addition, JCSA will have ingress/egress rights over the new private subdivision road, Westbrook Drive.

Staff recommends that the Board approve the attached resolution authorizing the General Manager to sign the necessary documents to quitclaim the easement as requested and depicted on the attached plat prepared by AES Consulting Engineers entitled, "Colonial Heritage Phase III - Section 2B 156 Single-Family Detached" and dated December 6, 2018.

MDP/md  
EA-E7000WstbrkDr-mem

Attachment

**RESOLUTION**

**EASEMENT ABANDONMENT - AREA EAST OF 7000 WESTBROOK DRIVE,**

**PART OF 6799 RICHMOND ROAD - COLONIAL HERITAGE**

WHEREAS, AES Consulting Engineers has requested that the James City Service Authority (JCSA) abandon 31,290 square feet or 0.718 acres of an existing 20-foot-wide JCSA ingress/egress easement east of 7000 Westbrook Drive, part of 6799 Richmond Road, as depicted on the plat by AES Consulting Engineers entitled, "Colonial Heritage Phase III - Section 2B 156 Single-Family Detached" and dated December 6, 2018.

WHEREAS, staff is comfortable with the abandonment of a portion of the easement due to the construction of a new subdivision road called Westbrook Drive. JCSA will retain rights to the remaining portion of the ingress/egress easement from the end of Westbrook Drive to the Lift Station. JCSA will have ingress/egress rights over the new private subdivision road, Westbrook Drive.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the James City Service Authority, James City County, Virginia, hereby authorizes the General Manager to sign the necessary documents to abandon the easement as described.

\_\_\_\_\_  
Chairman, Board of Directors

ATTEST:

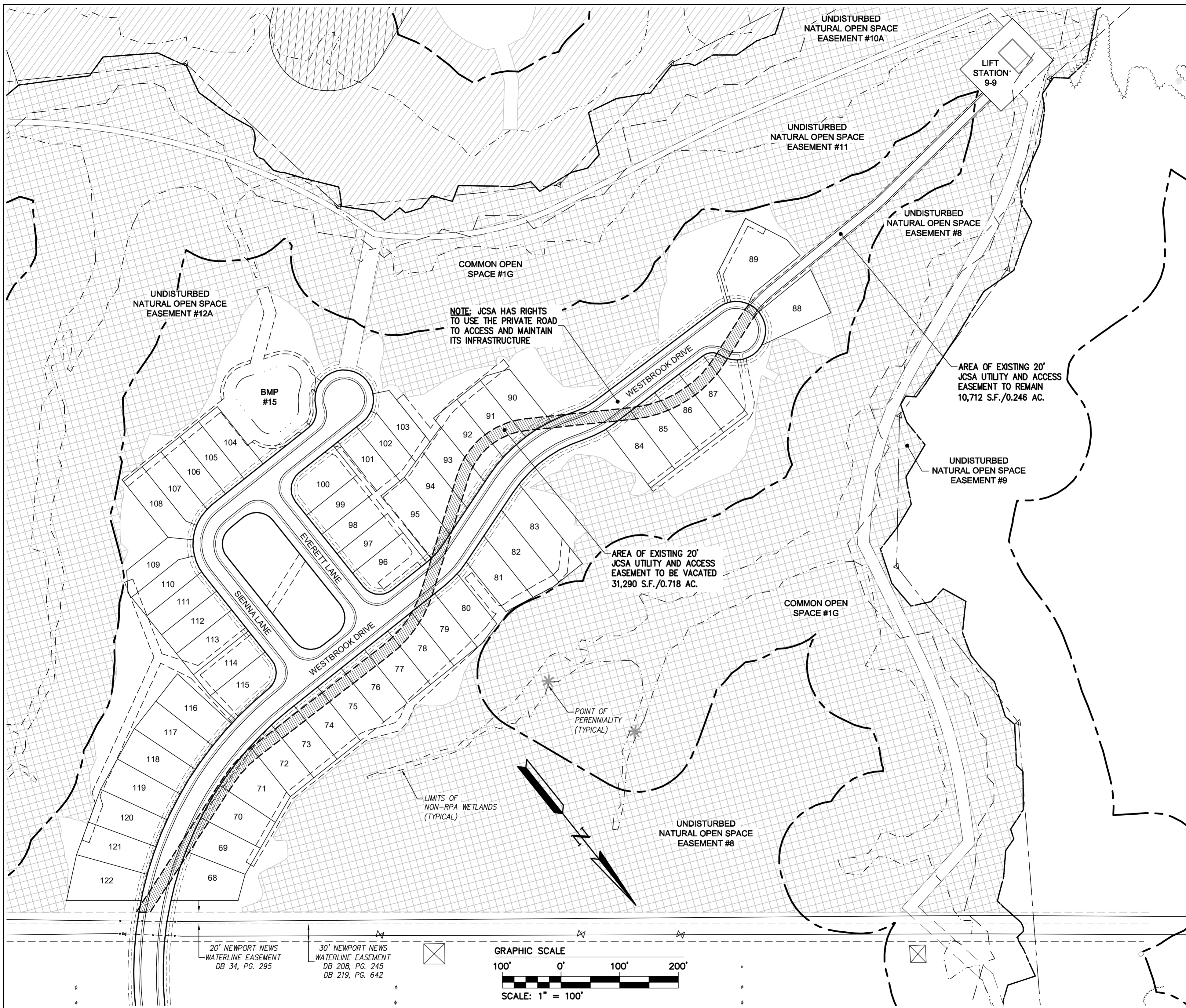
\_\_\_\_\_  
Teresa J. Fellows  
Deputy Secretary to the Board

	VOTES		
	<u>AYE</u>	<u>NAY</u>	<u>ABSTAIN</u>
MCLENNON	___	___	___
ICENHOUR	___	___	___
HIPPLE	___	___	___
LARSON	___	___	___
SADLER	___	___	___

Adopted by the Board of Directors of the James City Service Authority, James City County, Virginia, this 22nd day of January, 2019.

EA-E7000WstbrkDr-res





Rev.	Date	Description	Revised By

5248 Old Towne Road, Suite 1  
 Williamsburg, Virginia 23188  
 Phone: (757) 253-0040  
 Fax: (757) 220-6994  
 www.aesva.com

**AES**  
 CONSULTING ENGINEERS

Hampton Roads | Central Virginia | Middle Peninsula

EXHIBIT SHOWING UTILITY AND ACCESS EASEMENT TO BE VACATED

**COLONIAL HERITAGE**

PHASE III - SECTION 2B

156 SINGLE-FAMILY DETACHED

STONEHOUSE DISTRICT | JAMES CITY COUNTY | VIRGINIA

Project Contacts:	TRS
Project Number:	8881-32D
Scale:	Date:
1"=100'	12/06/18
Sheet Number	
1 of 1	

S:\008898\152\_0 Phase III Sec 2\Engineering\Plans\Access Easmt. Exhibit\0881-32D\_AccessUtility Easements.dwg, 12/02/18 1:58:43 PM, rcoo@ae

**ITEM SUMMARY**

DATE: 1/22/2019

TO: The Board of Directors

FROM: M. Douglas Powell, General Manager

SUBJECT: Contract Award - Replacement of Five Forks Water Treatment Plant Variable Frequency Drives - Electric Motor & Contracting Co., Inc. - \$261,186

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**ATTACHMENTS:**

	Description	Type
☐	Memo	Cover Memo
☐	Resolution	Resolution

**REVIEWERS:**

Department	Reviewer	Action	Date
James City Service Authority	Powell, Doug	Approved	1/2/2019 - 8:22 AM
Publication Management	Daniel, Martha	Approved	1/2/2019 - 8:33 AM
Legal Review	Kinsman, Adam	Approved	1/2/2019 - 9:53 AM
Board Secretary	Fellows, Teresa	Approved	1/4/2019 - 3:36 PM
Board Secretary	Purse, Jason	Approved	1/4/2019 - 4:18 PM
Board Secretary	Fellows, Teresa	Approved	1/4/2019 - 4:33 PM

## MEMORANDUM

DATE: January 22, 2019

TO: The Board of Directors

FROM: M. Douglas Powell, General Manager, James City Service Authority (JCSA)

SUBJECT: Contract Award - Replacement of Five Forks Water Treatment Plant Variable Frequency Drives - Electric Motor & Contracting Co., Inc. - \$261,186

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A variable frequency drive (VFD) is a hardware and software package that controls electric motor speed and power in pump and motor assemblies. Thirteen Toshiba VFDs controlling pump and motor assemblies in the production wells and the reverse osmosis treatment process at the Five Forks Water Treatment Plant (FFWTP) have been in service since 2005. These drives are approaching the end of their useful lives and will be replaced with Toshiba drives using current technology to match existing equipment and continue providing reliable service.

The Toshiba VFDs are a sole source purchase from Electric Motor & Contracting Co., Inc. because it is Toshiba's sole distributor in JCSA's geographic region authorized to furnish, install, program and service these VFDs. Board approval is required because this purchase exceeds \$100,000.

Staff negotiated a turnkey package of \$261,186 with Electric Motor & Contracting Co., Inc. to provide all required labor, material and equipment to furnish and install the replacement VFDs. To obtain the best value and insure the negotiated package met all the Authority's needs, staff researched current technology, developed budget estimates, created a scope of work and conducted several site visits with the contractor. This price has been determined to be fair and reasonable through comparison with previous installations, published hardware pricing and budget estimates.

The current Capital Improvements Program budget contains funding to replace the FFWTP VFDs. Electric Motor & Contracting Co., Inc. has successfully completed projects for the Authority in the past.

Staff recommends adoption of the attached resolution authorizing the sole source purchase from Electric Motor & Contracting Co., Inc. to furnish and install the replacement Five Forks Water Treatment Plant variable frequency drives.

MDP/md  
CA-FiveForksVFDs-mem

Attachment

**RESOLUTION**

**CONTRACT AWARD - REPLACEMENT OF FIVE FORKS WATER TREATMENT**

**PLANT VARIABLE FREQUENCY DRIVES - ELECTRIC MOTOR &**

**CONTRACTING CO., INC. - \$261,186**

WHEREAS, the Capital Improvements Program contains funds to replace the variable frequency drives at the Five Forks Water Treatment Plant; and

WHEREAS, thirteen Toshiba variable frequency drives at the Five Forks Water Treatment Plant are approaching the end of their useful lives and will be replaced with Toshiba drives using current technology to match existing equipment and continue providing reliable service; and

WHEREAS, Electric Motor & Contracting Co., Inc. is Toshiba's sole distributor in the Authority's geographic region authorized to furnish, install, program and service these drives and staff negotiated a price of \$261,186 with Electric Motor & Contracting Co., Inc., to furnish and install the replacement drives.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the James City Service Authority, James City County, Virginia, hereby authorizes the sole source purchase from Electric Motor & Contracting Co., Inc. to furnish and install the replacement Five Forks Water Treatment Plant variable frequency drives.

\_\_\_\_\_  
Chairman, Board of Directors

ATTEST:

\_\_\_\_\_  
Teresa J. Fellows  
Deputy Secretary to the Board

	VOTES		
	<u>AYE</u>	<u>NAY</u>	<u>ABSTAIN</u>
MCGLENNON	___	___	___
ICENHOUR	___	___	___
HIPPLE	___	___	___
LARSON	___	___	___
SADLER	___	___	___

Adopted by the Board of Directors of the James City Service Authority, James City County, Virginia, this 22nd day of January, 2019.

**ITEM SUMMARY**

DATE: 1/22/2019

TO: The Board of Directors

FROM: M. Douglas Powell, General Manager, James City Service Authority

SUBJECT: Setting a Public Hearing - Fiscal Year 2020 Utility Rates

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JCSA staff is currently preparing the Fiscal Year 2020 budget and recommends the Board authorize staff to advertise a public hearing on April 9, 2019, for changes in the water and sewer service rates and charges effective July 1, 2019, as listed in the attached resolution.

**ATTACHMENTS:**

	Description	Type
☐	Memo	Cover Memo
☐	Resolution	Resolution
☐	Attachment	Resolution

**REVIEWERS:**

Department	Reviewer	Action	Date
James City Service Authority	Luton, Stephanie	Approved	1/4/2019 - 3:15 PM
Publication Management	Daniel, Martha	Approved	1/4/2019 - 3:38 PM
Legal Review	Kinsman, Adam	Approved	1/8/2019 - 10:23 AM
Board Secretary	Fellows, Teresa	Approved	1/8/2019 - 10:24 AM
Board Secretary	Stevens, Scott	Approved	1/15/2019 - 11:20 AM
Board Secretary	Fellows, Teresa	Approved	1/15/2019 - 1:53 PM

## MEMORANDUM

DATE: January 22, 2019

TO: The Board of Directors

FROM: M. Douglas Powell, General Manager, James City Service Authority

SUBJECT: Setting a Public Hearing - Fiscal Year 2020 Utility Rates

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The Board of Directors has a history of providing the resources for the James City Service Authority (JCSA) to meet its mission while being sensitive to the impact of service rates on the customer.

Incremental rate increases are required to successfully manage aging infrastructure, fixed costs and debt service coverage and prepare for substantial future water permitting and water sourcing challenges. The proposed changes to the water and sewer service rate and fixed charge reflect the multi-year plan from the 2015 rate study. The total monthly water and sewer bill for a typical 5,000-gallons-per-month residential user would increase by \$3.10 per month from \$38.95 to \$42.05. The combined bill would remain the lowest in the region except for the City of Williamsburg.

The remaining proposed change is an increase to the grinder pump maintenance fee to better match the program's current contract, inspection and administrative costs.

In accordance with Section 15.2-5136 of the Code of Virginia, a public hearing for changes in fees requires a minimum 14-day notice from the time the second public notice of the hearing is printed in a local publication. JCSA staff is currently preparing the Fiscal Year 2020 budget and recommends the Board authorize staff to advertise a public hearing on April 9, 2019, for changes in the water and sewer service rates and charges effective July 1, 2019, as listed in the attached resolution. The Board can change the advertised charges and rates during its subsequent budget discussions.

MDP/md  
FY20UtilRatePHrg-mem

Attachment

**RESOLUTION**

**SETTING A PUBLIC HEARING - FISCAL YEAR 2020 UTILITY RATES**

WHEREAS, the Board of Directors of the James City Service Authority desires to set a public hearing for proposed utility rate changes to the Regulations Governing Utility Service.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the James City Service Authority, James City County, Virginia, that the Board of Directors will hold a public hearing on April 9, 2019, and request staff to review Section 32, General Rate Policy and Rate Schedule, Regulations Governing Utility Service and make changes to the rates as summarized in the attachments which will become effective July 1, 2019, if adopted.

BE IT FURTHER RESOLVED that the proposed amendment be made part of this resolution.

\_\_\_\_\_  
Sue Sadler  
Chairman, Board of Directors

ATTEST:		VOTES		
		<u>AYE</u>	<u>NAY</u>	<u>ABSTAIN</u>
	MCGLENNON	_____	_____	_____
	LARSON	_____	_____	_____
	HIPPLE	_____	_____	_____
	ICENHOUR	_____	_____	_____
	SADLER	_____	_____	_____

\_\_\_\_\_  
Teresa J. Fellows  
Deputy Secretary to the Board

Adopted by the Board of Directors of the James City Service Authority, James City County, Virginia, this 22nd day of January, 2019.

FY20UtilRatePHrg-res

In situations where a new wastewater system has been installed by the Authority and whereas any applicant adjacent to this new system that has an existing septic system desires to secure wastewater service therefrom, the local facilities charge shall be waived for a period of 12 months from the completion date of the new wastewater system installation.

**The purpose of this charge is to defray in part the cost of installing collection mains which are necessary to provide wastewater collection service to abutting properties and which have been provided at the expense of the Authority or persons, firms or corporations other than the applicant.** The charge shall be paid prior to the issuance of a plumbing permit from Code Compliance.

3. Grinder Pump Installation and Maintenance Charge.

- (a) Any applicant for a sewer connection requiring a residential grinder pump may purchase the grinder pump (that meets Authority Standards and Specifications) plus ancillary parts from the Authority at cost if the grinder pump is necessary to replace an existing septic system. In addition, if the connection to the public sewer system is replacing a septic system, the applicant is eligible for the deferred payment plan discussed in Paragraph G, Section 2.
- (b) The Authority may, at the applicant request, install the residential grinder pump for the cost of materials as stated above plus labor and equipment costs. These costs are in addition to the normal Sewer System Facilities Charge if required. Grinder pumps will normally be installed within the existing right-of-way where the force main is located. If the topography dictates that the grinder pump be located within the applicant's property then the Authority will prepare the necessary plat and easement for the applicant to execute to permit installation of the grinder pump on the applicants property.
- (c) An annual grinder pump maintenance charge of ~~\$300.00~~ \$325.00 shall be paid for each separate connection to a grinder pump when the operation and maintenance of said residential grinder pump is the responsibility of the Authority. The payment for this charge will be prorated in equal amounts in the customers' utility service charge billing. The Authority shall not maintain nonresidential grinder pumps or other commercial pump stations unless such utility maintenance is deemed by the Authority to be in the interest of the public health or is necessary to protect the integrity of the system, or such facility is located within a designated Reservoir Protection Zone.
- (d) Maintenance of sewage grinder pumps is the responsibility of the property owner. The property owner may contract with the JCSA for maintenance services. Maintenance contracts are between the property owner and the JCSA, and are not transferable or assignable by the property owner. Upon a transfer of title or ownership of the land upon which the grinder pump is located, a new contract for maintenance may be formed with the JCSA at the owner's election. Any prior



contracts for sewage pump maintenance shall be terminated upon transfer of title or ownership.

4. Service connection charge. A service connection charge shall be paid by each applicant for each new service connection prior to the approval of the application therefor, as follows:

<u>Service installed by:</u>	<u>Charge</u>
Developer, applicant	\$10 per connection inspection fee
Authority	Actual cost times 1.25, including overhead

**The purpose of this charge is to defray the cost of installation or inspection of a service connection from the public sewer main in the street to the curb or property line.**

The service connection charge shall be waived provided the applicant has paid a local facilities charge and the sewer service line is not greater than 6 inches in diameter for a gravity main or 2 inches in diameter for a force main. In the event that the service connection charge is not waived, the local facilities charge will be applied against the service connection charge.

5. Retail service rates. The wastewater service charge shall be based on usage from a metered water source where available. For wastewater service on an unmetered water source a meter size equivalent shall be used, based upon an estimated charge.

- (a) Metered water source.

Charge for all collection and treatment of wastewater

- (1) Fixed Charge-Each customer bill shall include a Fixed Charge based upon the size of the meter serving the customer. The Fixed Charge for each billing cycle shall be calculated based on the quarterly fixed charge chart below. This Fixed Charge is for expenses associated with operating and maintaining the wastewater collection system.

Meter Size	Quarterly Fixed Charge
5/8"	\$ <del>5.95</del> 6.01
3/4"	\$ <del>8.92</del> 9.01
1"	\$ <del>14.87</del> 15.02
1-1/2"	\$ <del>29.72</del> 30.02
2"	\$ <del>47.55</del> 48.03
3"	\$ <del>95.11</del> 96.06
4"	\$ <del>148.61</del> 150.10
6"	\$ <del>297.21</del> 300.18
8"	\$ <del>475.54</del> 480.30
10"	\$ <del>683.59</del> 690.43

(2)

<u>Volume</u>	<u>Collection</u>
Per 1,000 gallons of water consumed	<del>\$3.08</del> \$3.11
Per 100 cubic feet of water consumed	<del>\$2.31</del> \$2.33

Metered water usage shall be reduced by a metered reading from a landscaping meter or similar device if the landscaping meter or device is registered with the Authority.

A copy of the deduction meter reading must be received by the Authority 20 days prior to the end of each billing period. Regardless of the length of time, sub-meter reading adjustments will only be allowed up to the consumption in the current billing period.

(b) Unmetered water source.

Where no meter exists or where meter readings are not made available by the water supplier to the Authority, then the following estimated charges shall be assessed:

<u>Activity, use</u>	<u>Unit</u>	<u>Collection</u>
Single-family residences	Each	\$ 42.00
Single-family mobile homes	Each	42.00
Mobile homes in parks	Each lot	37.25
Duplex, apartments and townhouses	Each	37.25
Schools (with showers)	Student	4.25
Schools (without showers)	Student	2.65
Motels and hotels	Room	18.55
Minimum		186.70
Manufacturing	Msf	11.10
Minimum		55.85
Warehouses	Msf	7.45
Minimum		46.50
Service stations	Each	49.95
Camping facilities	Each space	16.25
Minimum		64.25
Restaurants	Seat	4.95
Minimum		55.85
Commercial	Msf	18.55
Minimum	1,000 Sq. Ft.	55.85
Churches	Each	40.65
Swimming pools	Sfe	40.65
Laundromats	Sfe	40.65

- (a) Fixed Charge-Each customer bill shall include a Fixed Charge based upon the size of the meter serving the customer. The Fixed Charge for each billing cycle shall be calculated based on the quarterly fixed charge chart below. This Fixed Charge is for expenses associated with operating and maintaining the water distribution system.

Meter Size	Quarterly Fixed Charge
5/8"	\$ <del>10.56</del> 11.99
3/4"	\$ <del>15.83</del> 17.97
1"	\$ <del>26.38</del> 29.94
1-1/2"	\$ <del>52.75</del> 59.87
2"	\$ <del>84.41</del> 95.81
3"	\$ <del>168.81</del> 191.60
4"	\$ <del>263.76</del> 299.37
6"	\$ <del>527.53</del> 598.75
8"	\$ <del>844.04</del> 957.99
10"	\$ <del>1,213.32</del> 1,377.12

- (b) Water service shall be based upon a commodity charge for all consumption, as follows:

Single Family Residential	Tier 1	Tier 2	Tier 3
<u>Meter Size</u>	(quarterly use)	(quarterly use)	(quarterly use)
5/8"	0-15,000	15,001-30,000	30,000+
3/4"	<del>0-22,500</del>	<del>22,501-45,000</del>	<del>45,000+</del>
1"	<del>0-37,500</del>	<del>37,501-75,000</del>	<del>75,000+</del>
1-1/2"	<del>0-75,000</del>	<del>75,001-150,000</del>	<del>150,000+</del>
2"	<del>0-120,000</del>	<del>120,000-240,000</del>	<del>240,000+</del>
3"	<del>0-240,000</del>	<del>240,001-480,000</del>	<del>480,000+</del>
4"	<del>0-375,000</del>	<del>375,001-750,000</del>	<del>750,000+</del>
6"	<del>0-750,000</del>	<del>750,001-1,500,000</del>	<del>1,500,000+</del>
8"	<del>0-1,200,000</del>	<del>1,200,001-2,400,000</del>	<del>2,400,000+</del>
10"	<del>0-1,725,000</del>	<del>1,725,001-3,450,000</del>	<del>3,450,000+</del>
Rate Per 1,000 Gallons	\$ <del>3.61</del> 4.10	\$ <del>7.22</del> 8.19	\$ <del>16.95</del> 19.24

Multi-Family Residential and Non-Residential	
All Meter Sizes	All Use
Rate Per 1,000 Gallons	\$ <del>5.33</del> 6.05

**The purpose of the retail service charge is to defray all costs of providing water service for domestic, commercial and industrial uses and for firefighting purposes, including repayment of moneys borrowed to acquire or construct the water system; operation and maintenance; and renewals, replacements and extensions.**

- D. Independent Water Systems Connection Fee. The developer of any Independent Water System for which the development plans are submitted in accordance with the provisions of Section 19-57, Water Facilities of the Subdivision Ordinance, shall be required to pay a per-lot or residential unit Independent Water System Connection Fee of \$8,000 to the JCSA for each lot or residential

**ITEM SUMMARY**

DATE: 1/22/2019  
TO: The Board of Supervisors  
FROM: Teresa J. Fellows, Deputy Secretary  
SUBJECT: Adjourn until 4 p.m. on February 26, 2019 for the Regular Meeting

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**REVIEWERS:**

Department	Reviewer	Action	Date
Board Secretary	Fellows, Teresa	Approved	1/10/2019 - 8:34 AM