

AT A REGULAR MEETING OF THE MONTGOMERY COUNTY PUBLIC SERVICE AUTHORITY, HELD ON THE 4<sup>TH</sup> DAY OF MARCH 2013, 7:00 P.M., MULTI PURPOSE ROOM #2, MONTGOMERY COUNTY GOVERNMENT CENTER, CHRISTIANSBURG, VIRGINIA:

PRESENT:	Gary Creed	-Chair
	James Politis	-Member
	Christopher Tuck	-Member
	Matthew Gabriele	-Member
	Annette Perkins	-Member
	Mary Biggs	-Secretary-Treasurer
	William Brown	-Vice Chair
	Robert C. Fronk	-PSA Director
	Karri Cridlin	-Secretary to PSA Board
	Craig Meadows	-County Administrator
	Marty McMahon	-County Attorney
	Joel Donahue	-Planning Commission

**ABSENT:**

**CALL TO ORDER**

Chair Creed called the meeting to order and determined that a quorum was present.

**PUBLIC ADDRESS SESSION**

Mr. William Price appeared before the board to ask that the connections on Oilwell Road come to some resolution.

Mr. Jeffrey Nester of 1645 Oilwell Road appeared before the board about water pressure concerns at his home.

Mr. Steve Spradlin of 1553 Oilwell Road appeared before the board and would like to come to an agreement about connections on Oilwell Road.

**CONSENT AGENDA**

On a motion by James Politis, seconded by Mary Biggs, and carried; IT WAS RESOLVED, that the Public Service Authority hereby approves the Consent Agenda, dated March 04, 2013.

The vote on the foregoing motion is as follows:

AYE	NAY	ABSENT
Gary Creed		
James Politis		
William Brown		
Christopher Tuck		
Annette Perkins		
Mary Biggs		
Matthew Gabriele		

**R13-03-01  
RESOLUTION SETTING PRELIMINARY RATE SCHEDULE  
AND AUTHORIZING PUBLIC HEARING**

On a motion by Annette Perkins, seconded by James Politis, and carried; IT WAS RESOLVED, that the Montgomery County Public Service Authority does hereby agree to set the following proposed preliminary schedule fixing and classifying rates, fees and charges for water and sewer service.

**WATER RATE**

Proposed 13% Increase From \$6.80 to \$7.70 per 1,000 gallons

**SEWER RATE**

Proposed 5% Increase From \$7.10 to \$7.46 per 1,000 gallons

BE IT FURTHER RESOLVED , by the Montgomery County Public Service Authority, that the Public Service Authority hereby authorizes the Director to advertise a public hearing in accordance with Section 15.2-5136G of the Code of Virginia, 1950 as amended, to be held on June 3, 2013, at 7:00 PM in the Montgomery County Government Center, 755 Roanoke Street, 2<sup>nd</sup> Floor Multi-Purpose Room #2, in order to receive citizen comments on the preliminary schedule fixing and classifying rates, fees and charges for water and sewer service.

The roll call vote is as follows:

AYE	NAY	ABSENT
Gary Creed		
James Politis		
Christopher Tuck		
Mary Biggs		
Annette Perkins		
William Brown		
Matthew Gabriele		

**R13-03-01  
RESOLUTION ACCEPTING 20' WATERLINE  
EASEMENT ON THE FORMER ELLISTON  
ELEMENTARY SCHOOL PROPERTY**

BE IT RESOLVED, by the Board of Directors of the Montgomery County Public Service Authority, that the Board of Directors hereby agree to accept the twenty-foot (20') wide water line easement shown more particularly on the attached Plat entitled "Plat showing New Public Water Easement being granted to the Montgomery County Public Service Authority by the Montgomery County Board of Supervisors across Tax Map No. 060-1-A, ID. 070690, dated 16 January 2013" to the Montgomery County Public Service Authority on the former Elliston Elementary School Property identified as Tax Map No. 060-1-A, Parcel ID. Number 070690.

BE IT FURTHER RESOLVED, that the Chair of the Montgomery County Public Service Authority is hereby authorized to sign the above referenced Easement for the purpose of acknowledging acceptance of the easement on behalf of the Directors of the Montgomery County Public Service Authority.

AYE  
Gary Creed  
James Politis  
Christopher Tuck  
Mary Biggs  
Annette Perkins  
William Brown  
Matthew Gabriele

NAY

ABSENT

**R13-03-03  
RESOLUTION APPROVING THE AMENDED  
AND RESTATED WATER AGREEMENT BETWEEN THE TOWNS  
OF BLACKSBURG, CHRISTIANSBURG, VIRGINIA TECH  
THE COUNTY OF MONTGOMERY, THE BLACKSBURG-CHRISTIANSBURG  
VPI WATER AUTHORITY AND THE PSA**

On a motion by William Brown, seconded by James Politis, and carried; IT WAS RESOLVED, that the Montgomery County Public Service Authority does hereby agree to approve the Amended and Restated Water Agreement between the Town of Blacksburg, Christiansburg, Virginia Tech, The County of Montgomery, The Blacksburg-Christiansburg VPI Water Authority and the PSA

The vote on the foregoing resolution was as follows:

AYE  
Gary Creed  
James Politis  
Christopher Tuck  
Mary Biggs  
Annette Perkins  
William Brown  
Matthew Gabriele

NAY

ABSENT

**R13-03-04  
RESOLUTION APPROVING THE EXTENSION AND AMENDMENT  
TO THE AGREEMENT EFFECTIVE JULY 1, 2009 FOR THE PURCHASE  
OF ELECTRICITY FROM APPALACHIAN POWER COMPANY**

On a motion by William Brown, seconded by James Politis, and carried; IT WAS RESOLVED, that the Montgomery County Public Service Authority does hereby agree to approve the extension and amendment to the agreement effective July 1, 2009 for the purchase of electricity from Appalachian Power Company.

The vote on the foregoing resolution was as follows:

AYE  
Gary Creed  
James Politis  
Christopher Tuck  
Mary Biggs  
Annette Perkins  
William Brown  
Matthew Gabriele

NAY

ABSENT

**APPROVAL OF MINUTES  
DATED FEBRUARY 04, 2012**

On a motion by James Politis, seconded by Mary Biggs, and carried; IT WAS RESOLVED, that the Public Service Authority hereby approves the minutes dated February 4, 2013.

The vote on the foregoing motion is as follows:

AYE	NAY	ABSENT
Gary Creed		
Christopher Tuck		
James Politis		
William Brown		
Mary Biggs		
Annette Perkins		
Matthew Gabriele		

**FINANCIAL REPORT**

The financial report for period ending February 28, 2012, was presented for review and discussion.

**DIRECTOR'S REPORT**

1. Monthly Activities Report  
The February 2013 report was presented for review
2. Riner Sewage Treatment Plant Copper and Zinc Removal System  
The Riner Sewage Treatment Plant (STP) permit issued September 21, 2008 included new stringent limits for copper and zinc effective September 21, 2012. The stringent copper and zinc permit limits are due to the small receiving stream to which the STP discharges. We selected and "end of process" ion exchange system using specifically charged media in canisters. This system is designed to specifically capture copper and zinc on the contractor supplied media in canisters and when exhausted, the media would be regenerated at the contractor's facility. We completed the system installation during the second week of September 2012. We experienced operational concerns after start-up due to several issues. We worked through several solutions with limited improvements. We met on-site with eh contractor to evaluate and review options on several occasions. Based upon this evaluation and the contractor's recommendation, we installed a bag filter on the pump supply to the canisters. The bag filter was placed into service on November 28, 2012 which improved operations but not to the level expected. We are continuing to evaluate the system and are developing options to address the operational concerns.
3. Water Meter Plan for Joinder  
Water Authority, Town of Blacksburg, Town of Christiansburg and PSA staff members have held two meetings to plan for water meter transitions and installations that will be required once the Joinder is finalized. A number of individual meters will be taken over by the PSA for reading in several systems and three new bulk meters will be required.
4. New Wastewater Operator Hires  
We advertised for a wastewater operator on February 3, and 10, 2013 to fill a vacant position due to an operator who resigned. On February 15, 2013 Ben Sharp, Wastewater Operator tendered his resignation effective March 1, 2013 to take a

Crew Leader position in the Parks and Recreation Department. Interviews were held on February 20 and 21, 2013 for both wastewater and operator positions. Logan Weddle and Richard Lemons were hired. Logan Weddle starts February 25, 2013 while Richard Lemons will start on March 18, 2013.

5. Generator Operations at PSA Facilities

Attached is a list of PSA sewer pump stations, sewage treatment plants and water pump stations that identifies on-site standby generators and other backup provisions. Standby generators are provided at all sewage treatment plants and seven of the fifteen sewer pump stations. All facilities have automatic failure detectors with telephone dialers that will telephone preprogrammed telephone numbers to announce service interruptions so backup provisions may be initiated. PSA staff can respond to any site within two hours after notification.

Existing PSA backup equipment includes 80 kilowatt (KW) trailer-mounted generator, 25 KW trailer-mounted generator, 12.5 KW trailer mounted welder/generator, two portable generators and a 4-inch trailer-mounted diesel engine pump.

Of the eight sewer pump stations without standby generators, one is not in operations and another has storage for at least 4 days. The remaining six sewer pump stations would be provided backup service by trailer-mounted generators, trailer-mounted diesel engine pump or pump and haul by contract septic tank haulers. All sewer pump stations have a minimum of 2 hours of storage at peak flow conditions. All three sewage treatment plants currently have on-site standby generators capable of operating the plants.

None of the four water pump stations has standby generators. Break Road pump station supplies into a system with an oversized storage tanks providing at least five days of storage. The Bethel water system would have about 4 days of storage.

Prices Fork water system would have about 3 days of storage, but also may be supplied water through an alternative connection from the Town of Blacksburg.

On-Site standby generators are both an asset and liability. The generators are exercised weekly and run under load monthly. At most, we operate on standby generators for a few hours on a couple of days per year. On several occasions we had standby generators fail when needed, but were able to restore operation y portable generators.

This past year was unusual as we endured several weather major events that required several sites to operate for two to three days on the standby generators. We lost power to most of our water and sewer facilities during the June 2012 event, but were able to maintain service through use of our standby generators, portable generator and portable pump.

The longest service outage experienced was two and a half days to 12 customers on the upper section of Oilwell Road during the June 2012 event.

6. Water Break at Rowe Furniture

On Thursday August 23, 2012, a large water main break occurred in the 10" fire main within the Rowe Furniture property. It was unclear as to the ownership of the water main as all records on hand are inconclusive. Because of the water loss, business shutdown and uncertain documentation, the PSA Director agreed to have the PSA maintenance crew fix the break with the understanding that the PSA would seek reimbursement if the water main turned out to be Rowe's responsibility.

We researched all available records and found no record of a public water line easement for the 10" fire main. Without a public easement, the fire main would be considered private. Rowe representatives also did not have conclusive documentation relative to ownership and requested additional time to investigate.

We notified Rowe in January 2013 that without additional information, we are taking the position that the water line is private since there is not public easement. We are still waiting on a reply. Rowe's attorney has contacted the County Attorney and the two of them are currently reviewing this issue.

7. Oilwell Road Water Project Conditions

Two property owners, James Richardson and Jeff Nester addressed the PSA Board during the August 5, 1996 meeting to request that the existing water line be extended to serve other properties as both were reportedly building homes and needing water.

William Price also indicated he would participate in a project during the same meeting.

Available records indicate that the 1996 project was constructed mostly according to the attached August 14, 1996 letter from William Price and attached "Proposed Oilwell Road Waterline dated August 15, 1996." The PSA committed to the project by the attached resolution approved during the September 4, 1996 PSA meeting.

Conditions were further outlined in the attached letter to William Price from PSA Chair Ira Long dated September 6, 1996. The project scope included 15 new water connections. The project was completed in March 1997 and eventually added a total of 18 connections. The 2007 upgrade was designed and built to increase water pressure and remove the 5,000 gallon storage tank.

Neither project could provide fire protection because of an existing section of 2" diameter pipe (+/- 1,800 ft.) in the middle section of the water system. The only viable option to provide fire protection would be from the proposed Price Mountain residential subdivision as the development would require installation of a major water pump station and large water storage tank of at least 100,000 gallons due to ground elevation.

8. Review of Oilwell Road Water System Interruptions

Review of the PSA work order system (summary attached) indicates that there were 6 water service interruptions on the Oilwell Road and Southwoods Drive area since January 2010. Five of the service interruptions were from water line breaks necessitating that the water be turned off to perform repairs. We also experienced several events of short duration (+/- 2 hours); either pump control issues or power outages that were restored by AEP before full installation of the portable generators. We experienced a water service interruption of two and a half days due to the power outage from the June 29, 2012 storm. This event resulted in low-pressure supply to about 10 customers and no water service to about 12 customers in the Oilwell Road and Southwoods Drive area. Service was restored on July 2, 2012 by installation of two portable generators. One generator was needed to run the pumps and the second generator was needed to power the controls in the tank building at the other end of the water system.

Most of the outages over this period was due to pipe breaks and not power outages. The current procedure of installing a trailer-mounted at the pump chamber and a small portable unit at the tank building would normally be completed within 2 hours after notification. An on-site standby generator may not be warranted due to space limitations at the pump station and need. The estimated cost of a standby generator and automatic transfer switch is around \$20,000 installed.

9. PSA Director Annual Performance Evaluation

The PSA Director annual evaluation is due April 3, 2013. A blank copy of the evaluation form for the PSA Director will be provided during the meeting.

### **AUTHORITY MEMBERS' REPORT**

Member Gabriele	-No Report
Member Politis	-No Report
Member Perkins	-No Report
Member Brown	-No Report
Member Tuck	-Appreciates Oilwell Road information
Member Biggs-	-Would like to see resolution to issues on Oilwell Road
Member Creed	-Would like to see brief detail of each item in question and what steps Were taken at that time.

### **ADJOURNMENT**

There being no further business, the Chair adjourned this meeting to the next meeting scheduled for April 1, 2013.