

AT A REGULAR MEETING OF THE MONTGOMERY COUNTY PUBLIC SERVICE AUTHORITY, HELD ON THE 2<sup>nd</sup> DAY OF MARCH 2015, 7:00 P.M., MULTI PURPOSE ROOM #2, MONTGOMERY COUNTY GOVERNMENT CENTER, CHRISTIANSBURG, VIRGINIA:

<b>PRESENT:</b>	William Brown	-Chair
	Mary Biggs	-Secretary-Treasurer
	Annette Perkins	-Member
	Todd King	-Member
	Gary Creed	-Member
	Matthew Gabriele	-Member
	Robert C. Fronk	-PSA Director
	Karri Cridlin	-Secretary to PSA Board
	Craig Meadows	-County Administrator
	Marty McMahon	-County Attorney
	Steve Howard	-Planning Commission
<b>ABSENT:</b>	Christopher Tuck	-Vice Chair

**CALL TO ORDER**

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

**PUBLIC ADDRESS SESSION**

There were no comments from the public

**CONSENT AGENDA**

On a motion by Matthew Gabriele, seconded by Gary Creed, and carried; IT WAS RESOLVED, that the Public Service Authority hereby approves the Consent Agenda, dated February 02, 2015.

The vote on the foregoing motion is as follows:

AYE

NAY

ABSENT

Mary Biggs

Christopher Tuck

Todd King

Annette Perkins

William Brown

Gary Creed

Matthew Gabriele

**R15-03-01**  
**RESOLUTION APPROVING**  
**PROJECT SUBSTITUTION IN APPROVED FY15**  
**CAPITAL IMPROVEMENT PROJECTS**

On a motion by Matthew Gabriele, Seconded by Mary Biggs, and carried; IT WAS RESOLVED, by the Montgomery County Public Service Authority, that the Board of Directors hereby approve the modification of the approved FY15 CIP to substitute the "Council Lane Pipe Replacement" project for the "Waterworks Rd. & Crabapple Rd." project at the same cost of \$7,000.

The roll call vote on the foregoing motion is as follows:

<b>AYE</b>	<b>NAY</b>	<b>ABSENT</b>
Gary Creed		Christopher Tuck
Mary Biggs		
Matthew Gabriele		
Todd King		
Annette Perkins		
William Brown		

**DIRECTOR'S REPORT**

**1. Monthly Activities Report**

The February 2015 report is attached for review.

**2. Water Breaks / Pipe Failures at Elliston-Lafayette Elementary School**

We experienced three water main breaks on the 8" PVC pipe main to the new Elliston-Lafayette Elementary School on June 18, June 20, and July 2, 2014. There have been at least six pipe failures of the same nature on the 8" PVC pipe main since October 2012. The pipe failures were straight-line splits in the "bell" end of the pipe. The estimated repair cost was about \$2,500 for each repair. We kept damaged pipe joint sections from the last 2 breaks and sent one to the pipe manufacturer for evaluation. The pipe manufacturer's report stated the pipe failure was the result of improper installation and "additional joints are susceptible to similar stress induced failures."

After coordinating with Montgomery County Public School (MCPS), MCPS staff issued a letter to the general contractor, Branch & Associates claiming a "Latent Defect" in the water line installation. The contractual relationship and responsibility for the waterline construction is between the general contractor and MCPS. The PSA took over ownership of the waterline based upon certifications and assurances from MCPS and their agents. A meeting was held October 1, 2014 with the general contractor, pipeline subcontractor, MCPS staff and PSA staff to review the situation and available information. The pipeline subcontractor submitted a letter dated November 5, 2014 claiming that even-though the pipe was installed/joined improperly, the fault is from over-compaction of the fill material above the pipe that was required by the project specifications. On November 11, 2014, MCPS staff questioned the pipeline subcontractor's claim and asked the general contractor to state their position relative to the pipeline subcontractor's claim. On November 25, 2014, the general contractor replied to say they are "seeking the advice of third party experts" and "want to resolve the issue as quickly as possible." On December 31, 2014, the general contractor indicated they are currently working to provide a timeframe for a response. There has been no substantial action by the general contractor since the last inquiry by MCPS on January 23, 2015.

As directed during the February 2015 PSA Meeting, the County Attorney sent an email to MCPS requesting repayment for PSA expenses for water main repairs to which we are awaiting a reply.

**3. Publication of Class 1 Wastewater Operator Presentation**

A short article (copy attached) on the presentation to the class 1 wastewater operators during the February 2, 2015 PSA Board Meeting was published February 11, 2015 on the

Montgomery County webpage. The picture with caption was also published in the February 21, 2015 News Messenger.

#### **4. Winter Operations**

We have been extremely fortunate during the extreme cold weather and snow events during the last few months. To date, we suffered 1 water main break on Sunday 2/22/15, 1 major water main leak on Monday 2/23/15, 1 customer sewer lateral stoppage on Monday 2/16/15 and several pump station electrical/control issues. We also responded to numerous customers frozen water line calls.

There were reports of two fire events where fire hydrants may have been frozen. When checked later during daylight, the hydrant in Shawsville was operable while the hydrant in Plum Creek was inoperable. We checked several adjacent fire hydrants in the Shawsville area and did find several hydrants that were frozen. Inoperable/frozen hydrants were marked as "out of service" and the Emergency Services Coordinator was notified of their status.

#### **5. Auburn Schools Discharge / Riner Wastewater Treatment Plant Operation**

A condition to release final certificate of occupancy (C.O.) to the new high and middle schools is collection and analysis of wastewater samples to confirm compliance with PSA discharge limits. Several samples were collected from the high school and analyzed for parameters of concern at the Riner Wastewater Treatment Plant (WWTP). The Total Kjeldahl Nitrogen (TKN) results for both samples were magnitudes greater than the DEQ permit limit for the Riner WWTP. This is a significant concern as wastewater from the schools comprises over half of the total flow to the WWTP and excessive TKN loading could exceed WWTP removal capacity resulting in permit violations.

The PSA has been analyzing TKN samples at the Riner WWTP since July 2014 to establish background loading and treatment removal capacity. We are continuing to evaluate the operation of the Riner WWTP to determine maximum TKN loading which can be removed through regular operation. We are currently monitoring the effect of colder temperatures as this is a significant factor. We started using treatment process enhancements of extra bacteria, glycerin and media (kanaf) during January 2015 in an effort to maintain/improve effective process treatment and permit compliance. We achieved permit compliance for TKN during January 2015. However, we have exceeded the TKN permit limit for at least one sample during February 2015.

#### **6. PSA Director Annual Performance Evaluation**

The PSA Director annual evaluation is due April 3, 2015. A blank copy of the evaluation form will be provided during the meeting.

### **AUTHORITY MEMBERS' REPORT**

Member Gabriele- No Report

Member King- No Report

Member Perkins- No Report

Member Creed – No Report

Member Biggs- No Report

Member Tuck - Absent

Member Brown - No Report

### **ADJOURNMENT**

There being no further business, the Chair adjourned this meeting to the next meeting scheduled for April 6, 2015.