

**AT A REGULAR MEETING OF THE MONTGOMERY COUNTY PUBLIC SERVICE AUTHORITY, HELD ON THE 3<sup>rd</sup> DAY OF AUGUST 2015, 7:00 P.M., MULTI PURPOSE ROOM #2, MONTGOMERY COUNTY GOVERNMENT CENTER, CHRISTIANSBURG, VIRGINIA:**

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

**ABSENT:**

**CALL TO ORDER**

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

**CONSENT AGENDA**

On a motion by Mary Biggs, seconded by Matthew Gabriele, and carried; IT WAS RESOLVED, that the Public Service Authority hereby approves the Consent Agenda, dated August 03, 2015.

The vote on the foregoing motion is as follows:

|                  |     |                    |
|------------------|-----|--------------------|
| AYE              | NAY | ABSENT DURING VOTE |
| Mary Biggs       |     | Annette Perkins    |
| William Brown    |     |                    |
| Christopher Tuck |     |                    |
| Todd King        |     |                    |
| Gary Creed       |     |                    |
| Matthew Gabriele |     |                    |

**INTO WORK SESSION**

On a motion by Christopher Tuck, seconded by Annette Perkins, and carried; IT WAS RESOLVED, that the Public Service Authority hereby enters into Work Session for the purpose of discussing the following:

Elliston-Lafayette Elementary School Water Breaks

The vote on the foregoing motion is as follows:

|                  |     |        |
|------------------|-----|--------|
| AYE              | NAY | ABSENT |
| William Brown    |     |        |
| Todd King        |     |        |
| Mary Biggs       |     |        |
| Annette Perkins  |     |        |
| Christopher Tuck |     |        |
| Matthew Gabriele |     |        |
| Gary Creed       |     |        |

**OUT OF WORK SESSION**

On a motion by Mary Biggs, seconded by Christopher Tuck, and carried; IT WAS RESOLVED, that the Public Service Authority hereby ends their Work Session to return to regular session.

The vote on the foregoing motion is as follows:

|                  |     |        |
|------------------|-----|--------|
| AYE              | NAY | ABSENT |
| William Brown    |     |        |
| Todd King        |     |        |
| Mary Biggs       |     |        |
| Annette Perkins  |     |        |
| Christopher Tuck |     |        |
| Matthew Gabriele |     |        |
| Gary Creed       |     |        |

## DIRECTOR'S REPORT

1. Monthly Activities Report  
The July 2015 report was presented for review
2. NRV Regional Water Authority Demand Projections Meeting  
The NRV Regional Water Authority (NRVRWA) Board established a subcommittee during their June 17, 2015 meeting to evaluate future water demands for all members. The members, including MCPSA provide future demand projections through 2050 to NRVRWA staff by May 5, 2015. The goal of the subcommittee is to evaluate current and future demands relative to the available system supply for impacts to the upcoming water main projects. The first subcommittee meeting was held July 23, 2015 with representatives from Blacksburg, Christiansburg and Montgomery County engineering, planning and economic development. Numerous demand issues were reviewed including future industrial park demands and locations. Additional meetings are expected.
3. OSHA Inspections of PSA Shop Building  
On June 4, 2015, OSHA performed a site inspection of the PSA Shop Building along Cinnabar Road. The inspection report was issued July 21, 2015 and received July 24, 2015. Four items were found which required correction by July 27, 2015 (report attached). Item 1 addressed missing portable fire extinguishers that was corrected by placement of fire extinguishers as identified. Item 2 identified an extension cord missing a ground plug that was corrected by discarding the extension cord. Item 3 was missing a faceplate cover on an electrical receptacle that was corrected by installation of faceplate cover. Item 4 identified "piggy backed" power strips that were corrected by installing a larger power strip. Verification of corrections was completed and submitted to OSHA on July 27, 2015.
4. OSHA Inspection of the Shawsville Wastewater Treatment Plant  
Only July 13, 2015, OSHA performed a site inspection of the Shawsville Wastewater Treatment Plant. The inspection report was issued July 24, 2015 and received July 28, 2015. Two items were found which require correction by August 13, 2015 (report attached). Item 1 addressed openings in an electrical breaker panel that was corrected by installation of cover plates. Item 2 identified a missing faceplate cover on an electrical receptacle that was corrected by installation of a faceplate cover. Verification of corrections was completed and submitted to OSHA on July 30, 2015.
5. VDH Grant-Joinder Interconnection Projects Preliminary Engineering Report  
We were awarded a \$50,000 Virginia Department of Health (VDH) Planning Grant on August 28, 2014 to develop a preliminary engineering report (PER) for the interconnections of PSA water systems required by the Joinder. Anderson and Associates (A&A) was awarded a contract on October 10, 2014 to prepare the PER. The PER includes projects required by the executed Amended and Restated Water Agreement as part of the Joinder. The project to the Bethel/Exit 109 area includes supplying 95,124 gallons per day (gpd) for the three projects previously rezoned and 1,000,000 gpd for an industrial development identified by Montgomery County Economic Development. Projects for the other areas include future growth in the village areas as identified in the Montgomery County 2025 Comprehensive Plan. The total cost of all projects is \$6,759,950.  
The cost of the Plum Creek and Bethel projects scheduled in the next five years per the Water Agreement is \$4,220,950. The estimated project cost increase to supply the additional demands for the Bethel/exit 109 projects (95,124 gpd) and industrial development (1,000,000 gpd) over the original Joinder Study demands is \$471,400. In comparison, the cost for the Plum Creek and Bethel projects as identified in the Joinder Study (June 2012) was \$2,865,599.  
A&A reviewed the PER with the PSA Board of Directors during the June 2015 meeting. The PER was initially submitted to VDH the week of April 20, 2015. The revised PER was submitted to VDH June 5, 2015. Comments are expected from VDH during August 2015.
6. Proposed Ammonia Criteria for Wastewater Treatment Plant Permits  
We have been made aware of proposed changes to freshwater ammonia-nitrogen criteria by Virginia Department of Environmental Quality (DEQ) that are expected to have major cost impacts to wastewater treatment plants (WWTP) through significantly reduced WWTP permit limits (see attached Clyde Wilber Memo). Two of the 3 PSA WWTP (Riner & Shawsville) currently have ammonia permit limits. These permit limit reductions are expected to be included in the next issued permits.  
The current ammonia and Total Kjeldahl Nitrogen (TKN) permit limits for the Riner WWTP (0.1 mgd permit; +/- 30,000 gpd flow) are already challenging to achieve and further permit reductions will require extensive upgrades at considerable cost. Preliminary capital cost estimates range from \$225,000 to \$679,000 with operations, maintenances cost estimates up to \$105,420 per year.  
We have been evaluating future ammonia/TKN treatment issues at the Riner WWTP due to past violations. The most attractive long-term solution is to convert the Riner WWTP to a sewer pump station and pump it to the Bethel system/Peppers Ferry WWTP. The sewer force main pipe would be installed with the future water main (Joinder project) to Riner along Meadow Creek Road.

**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 - No Report  
Member Brown - No Report

**ADJOURNMENT**

There being no further business, the Chair adjourned this meeting to the next meeting scheduled for September 8, 2015 due to the observance of Labor Day.

ATTEST: \_\_\_\_\_  
SECRETARY/TREASURER