

PUBLIC WORKS COMMITTEE REPORT to the BOARD OF SUPERVISORS
Tuesday, July 31, 2018
8:00 a.m.
107 NORTH KENT STREET, SUITE 200, WINCHESTER, VIRGINIA

ATTENDEES:

Committee Members Present: J. Douglas McCarthy, Chairman; Gary A. Lofton; Robert W. Wells; Whitney "Whit" L. Wagner; and Harvey E. "Ed" Strawsnyder, Jr

Committee Members Absent: Gene E. Fisher

Staff present: Joe C. Wilder, Director of Public Works; Mike Stewart, Senior Project Manager; Ron Kimble, Landfill Manager; Gloria Puffinburger, Solid Waste Manager; Kathy Whetzel, Animal Shelter Manager; Holly Grim, Assistant Shelter Manager; Kevin Alderman, Shawneeland District Manager; Mark Fleet, Building Official/Code Administrator; Erin Swisshelm, Assistant County Attorney; C. William Orndoff, Treasurer; Wayne Corbett, Deputy Treasurer; Kris Tierney, County Administrator; and Jay Tibbs, Deputy County Administrator

ITEMS REQUIRING ACTION BY BOARD OF SUPERVISORS:

1-None

ITEMS FOR INFORMATION ONLY

1-Update on the new Stephenson Convenience Site

The new convenience site opened for public use on Monday, July 31, 2018. The contractor, Kee Construction, is completing the final grading, seeding and stabilization of the site, construction of the stormwater facility, placement of the fence and landscaping. All the site work should be completed by the end of August. We should have final clean-up finished at the old Clearbrook site by Friday, August 10, 2018.

2-Update on the Frederick County Recycling Program and Contract

Gloria Puffinburger, Solid Waste Manager, updated the committee on the recycling program and the hauling contract. The recycling program is still very successful, and we work very hard to ensure we have good, viable markets. We discussed the current China ban on foreign recyclables and how the United States is adjusting many of the markets to respond to the ban. Our local recycler has many domestic markets, so we are in good shape for now.

We discussed that the reimbursement for the recycled paper markets have went away. At one time, Frederick County received reimbursements on recycled paper collections, but the market return has diminished. However, we still have a very robust recycling program and the waste diversion is very important in managing our tonnage at the landfill. We will work on educating the citizens and businesses to work harder on minimizing contamination of the collection units. This will help our recycled items continue to find good recycling markets.

We are entering our fourth year of our waste collection contract with Allied Waste. The costs have gone up due to allowed Consumer Price Index (CPI) increases and a small tipping fee increase at the Landfill.

3-Update on the ongoing regional rainfall event affecting Frederick County

Over the past three (3) months, our region has experienced a higher than normal rainfall event. Most areas have received 30-40 inches of rain since April 1, 2018. We have had impacts to many of the citizens in the form of drainage complaints related to flooded basements, water ponding in yards, major washouts of roads, driveways, etc. Staff have responded to over a hundred calls and have done their best to assist when we can.

We have had a lot of road damage at Shawneeland and will be fixing culverts and roads over the next few months. Due to the severity of the damage, a contractor, Perry Engineering

Company, Inc., has come in to assist with some of the major repairs while the staff works on road, ditch and culvert repairs. We estimate that several hundred thousand dollars will be spent to repair the roads.

As the costs come in for the repairs, funds from the Shawneeland reserve will need to be transferred to off-set these extra costs. We also informed the committee that we will need to evaluate the current sanitary district fee structure during the budget process to ensure adequate funding is available in the future. The current annual fees are \$560 for improved lots and \$190 for unimproved lots.

We have also had many problems at the Regional Landfill due to the heavy rains. We have experienced some significant leachate by-passes over the last couple of months which have resulted in violations of our DEQ solid waste permit. Staff have been very transparent and upfront with DEQ officials and continue to work on solutions and determine some future projects that can help us handle the large rain events in the future. We are currently designing a large leachate holding pond with a capacity of over 3,000,000 gallons. We anticipate the costs to build this pond to be over two million dollars. Funding for these projects is available in the Landfill's Reserve Fund balance.

We also need to upgrade the leachate force mains and do several other smaller projects to help the Landfill better cope with future large rain events and assist in compliance with DEQ regulations. We will continue to coordinate the design with the Landfill consultant, SCS Engineers and DEQ.

There has also been an on-going issue with sludge that the Landfill is receiving from the Opequon Wastewater Reclamation Facility (OWRF). They changed their process almost two (2) years ago and their new process has sludge coming into the Landfill with high moisture and low solids. The sludge has properties similar to jello. In working with the Frederick Winchester Service Authority (FWSA) and OWRF staff, they have obtained another contract which allows them to haul the sludge to a Landfill in Pennsylvania. Ultimately, they are seeking permission from Virginia DEQ to obtain a land application permit to spread the sludge as a class A biosolids. They started shipping the biosolids to Pennsylvania this week. The removal of most of the sludge from OWRF will really improve our Landfill operations and help us in the future as we develop the landfill and strive to comply with DEQ regulations.

4-Discuss a request from Wilde Acres/Mountain Falls Park to become a Sanitary District

Recently, Frederick County received a request from the Wilde Acres/Mountain Falls community to become a sanitary district. There have been some recent changes to Virginia law that transfers the responsibility regarding the creation of a sanitary district from the state to the Board of Supervisors in localities.

The Board of Supervisors at their June 13, 2018 meeting sent a request to the Public Works Committee to study and research creating a sanitary district. After some discussion occurred during the Public Works Committee Meeting, the committee recommended that an ad hoc subcommittee be formed to work with staff to determine the feasibility of forming a sanitary district at Wilde Acres/Mountain Falls Park. The other task is to create a guidance document to set up procedures for any future requests to create a sanitary district in Frederick County. A motion regarding the creation of a subcommittee was made by citizen member Harvey "Ed" Strawsnyder and the motion was seconded by Supervisor Wells. The committee unanimously approved the motion. The following committee members volunteered to serve on the ad hoc subcommittee:

Committee Chairman McCarthy
Supervisor Lofton
Committee Member Ed Strawsnyder

The subcommittee will look at general guidelines in creating a new sanitary district, review costs to bring the roads up to certain minimum road standards, long term financing, estimated annual fees, etc. Also, since this will require a lot of staff time, the subcommittee will determine how much effort is reasonably expected of staff to determine the guidelines and

proposed costs. It is anticipated that the review by the ad hoc subcommittee could take 2-3 months before reporting back to the Public Works Committee.

5-Discuss proposed carry forward requests from Solid Waste, Animal Shelter and Landfill

a. Solid Waste Budget 10-4203-000

Line item 10-4203-3004-01 Repair and Maintenance/Equipment. Request to carry forward \$19,500.00 for rehabilitation of the old compactor unit being removed from the Clearbrook Convenience Center which will be used at a future site.

Line item 10-4203-3004-03 Repair and Maintenance/Building. Request to carry forward \$45,000.00 for site improvements at the Middletown Convenience Site. Work was planned for FY 17/18 but was not completed.

Line item 10-4203-3010-00 Contractual Services. Request to carry forward \$75,000.00 for anticipated increased collection costs of the refuse collection and recycling program.

Line item 10-4203-9003-00 Lease/Rent Land. Request to carry forward \$6,000.00 for payment of the Greenwood Convenience Site lease from Greenwood Fire Hall.

The total for the four requests are \$145,000.00. A motion was made by Supervisor Wells to approve the request and was seconded by member Ed Strawsnyder. The motion was unanimously approved by the committee to be sent to the Finance Committee for further consideration.

b. Solid Waste Budget 10-4203-8900-00

We requested that all unspent funds left over from this line item be carried forward for the completion of the Stephenson Convenience Center. Since we are at year end, we can not determine an exact amount. A motion was made by Supervisor Wells and seconded by Supervisor Lofton recommending the carry forward request. The committee unanimously approved the motion to be sent to the Finance Committee for further consideration.

c. Animal Shelter Budget 10-4305-000

Line item 10-4305-3001-00 Professional Health Services. Request to carry forward \$6,521.00 which is the unused portion of the spay/neuter funding. The funds were appropriated from the Fleming donation for spaying and neutering shelter pets.

Line item 10-4305-3002-02 Professional Services Engineering and Design. Request to carry forward \$6,727.00 which is the unused portion of the new building design fund. The funds were appropriated from the Loy donation for the design of the new shelter building.

A motion was made by member Ed Strawsnyder and seconded by member Whit Wagner recommending approval of the carry forward request. The motion was unanimously approved by the committee to be sent to the Finance Committee for further action.

d. Landfill Budget 12-4204-000

Line item 12-4204-3004-04 Repair and Maintenance-Generators. Request to carry forward \$80,000.00 to cover the remaining funds needed for maintenance of the 60,000-hour genset generator. This maintenance includes replacing the engines and upgrading the control systems.

Line item 12-4204-5408-03 Generator Spare Parts-Gas to Energy. Request to carry forward \$90,000.00 for chiller or blower replacements as needed. The gas treatment

skid has accumulated over 60,000 hours of operation and has begun to experience increased breakdowns of blowers and gas chilling equipment.

Line item 12-4204-8006-00 Construction Vehicles and Equipment. Request to carry forward \$206,000.00 for a back up trash compactor. Currently, the Landfill owns two Caterpillar 826k compactors. During times when either of those compactors are down the current practice is to maintain a compactor at the MSW Landfill and either close down the CDD Landfill or use a loader to pile the CDD waste up until both compactors are back in service. Current trends of increased downtime due to electrical and electronics on the equipment along with continued uptake in waste flow make it difficult to continue the current practice and maintain adequate compaction of all waste.

Line item 12-4204-8900-00 Improvements other Than. Request to carry forward \$3,330,000 for an additional leachate collection pond and blasting of MSW Cell 3A. These projects are currently moving forward but contracts for the work were not issued before the end of FY 17/18.

A motion was made by member Ed Strawsnyder and seconded by Supervisor Wells recommending approval of the carry forward requests. The motion was unanimously approved by the committee to be sent to the Finance Committee for further consideration.

6-Acquisition/Disposition of Real Estate

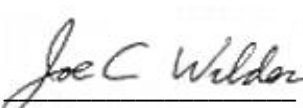
A Closed Session was convened in Accordance with the Code of Virginia, 1950, as Amended, Section 2.2-3711, Subsection A, (3), for discussion or consideration of the acquisition of real property for a public discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body.

The Public Works Committee of Frederick County certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which this certification applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed, or considered by the Committee.

Respectfully submitted,

Public Works Committee

J. Douglas McCarthy, Chairman
Gary A. Lofton
Robert W. Wells
Whitney "Whit" L. Wagner
Gene E. Fisher
Harvey E. "Ed" Strawsnyder, Jr.

By 
Joe C. Wilder
Public Works Director

JCW/kco

Attachments: as stated

cc: Kris Tierney, County Administrator
Jay Tibbs, Deputy County Administrator
Ron Kimble, Landfill Manager
Gloria Puffinburger, Solid Waste Manager

Rod Williams, County Attorney
Erin Swisshelm, Assistant County Attorney
Bill Orndoff, Treasurer
Wayne Corbett, Deputy Treasurer
Mike Stewart, Senior Project Manager
Kevin Alderman, Shawneeland District Manager
Kathy Whetzel, Animal Shelter Manager
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