

Issue Analysis Form

Date: April 21, 2020

Item: Work Session - Utility Projects Update

Lead Department: Engineering & Utilities

Contact Persons: Frank Haltom, Director



Description and Current Status

Staff will provide an update on the following capital projects:

1. Appomattox River Water Intake Permit – Comments have been received from Virginia Marine Resource Commission (VMRC) to include a requirement to perform hydrodynamic modeling. Staff is working with our consultant to prepare a response to remove this requirement.
2. Blackwater River Wastewater discharge permit – Although comments were received from multiple agencies, DEQ has indicated we have satisfied the requirements for a wastewater discharge permit. The draft permit is expected by the end of the month.
3. Route 460 Water line Extension – Project was advertised for bids on April 14th. Bids are due on May 14th. Easement acquisition is still underway - approximately 75% of the property owners have agreed on the terms.
4. Route 156 Water line Extension – VDOT and VDH have both approved the construction plans. Staff is working with the consultant to have the plans advertised for bids in May. Easement acquisition is still underway – approximately 35% of the property owners have agreed on the terms.
5. Route 10 Water Line Extension – Preliminary Engineering Report has been completed. A 4.5-mile extension from Sandy Ridge Road to serve Jordan on the James, Beechwood Manor and Rivers Edge is possible without the need of a new tank or booster station. Tank and booster station will be needed with any new development or if community improvements are desired to improve fire protection in these neighborhoods. Estimated cost to build the 4.5-mile extension is \$3,300,000.
6. Temple Avenue Tank & Booster Station - Preliminary Engineering Report has been completed. A new 1-million-gallon tank and booster station would provide the needed water capacity to serve the Southpoint business park and utilize the current allocation of 2.69 MGD from AWRA. The new facilities would be located in the vicinity of the Temple Ave and River Road intersection. This location would also be suitable should the County pursue building a new water plant on the Appomattox River. Estimated cost to build these facilities is \$3,000,000.

The Government Path

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| Does this require IDA action? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does this require BZA action? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does this require Planning Commission action? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does this require Board of Supervisors action? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Board Action Requested:

Receive the update.

Fiscal Impact Statement

None

Prince George County Impact

None

Notes

None.

Appomattox River Water intake permit

Blackwater River Wastewater discharge permit

Route 460 Water line Extension

Route 156 Water line Extension

Route 10 Water Line Extension – Preliminary Engineering Report

Temple Avenue Tank & Booster Station - Preliminary Engineering Report