

SOUTH CENTRAL WASTEWATER AUTHORITY

Presented to the Dinwiddie County Board of
Supervisors
September 7, 2021

Introductions

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South Central Wastewater Authority

- SCWWA has five participating members:
 - Chesterfield County
 - Dinwiddie County
 - Prince George County
 - City of Petersburg
 - City of Colonial Heights
- Each member has one representative on the Board of Directors
- Each member has one vote

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- Each member has ownership in the plant:

Incorporating Subdivision	Percent Ownership	Allocation (MGD)
City of Petersburg	52.5%	12.1
City of Colonial Heights	20.0%	4.6
Chesterfield County	10.0%	2.3
Dinwiddie County	10.0%	2.3
Prince George County	7.5%	1.7
	100.0%	23.0

South Central Wastewater Authority

- The percent ownership in the plant dictates each member's portion of a capital project.
- The current project of note is the Nutrient Project that has an estimated project cost of \$112 million. At 10% ownership, Dinwiddie County/DCWA would be responsible for \$11.2 million.
- With the assistance of VAMWA, Chris Pomeroy of AquaLaw and Preston Bryant of McGuireWoods Consulting, SCWWA has been successful in securing a grant from the WQIF in the amount of \$82 million.
- The local share for the project will be \$30 million.

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- The estimated debt service for the local share portion of the nutrient project is built into the current rate structure:

Incorporating Subdivision	Plant Ownership Percent	Plant Allocation (MGD)	Annual Nutrient Debt Service	Percent Wastewater to Plant	Operating Cost	Annual cost
City of Petersburg	52.5%	12.1	\$ 1,312,500	59.177%	\$ 3,783,557	\$ 5,096,057
City of Colonial Heights	20.0%	4.6	\$ 500,000	17.792%	\$ 1,137,529	\$ 1,637,529
Chesterfield County	10.0%	2.3	\$ 250,000	7.996%	\$ 511,223	\$ 761,223
Dinwiddie County	10.0%	2.3	\$ 250,000	8.826%	\$ 564,291	\$ 814,291
Prince George County	7.5%	1.7	\$ 187,500	6.209%	\$ 397,001	\$ 584,501
	100.0%	23.0	\$ 2,500,000	100.000%	\$ 6,393,600	\$ 8,893,600

South Central Wastewater Authority

- DCWA is billed monthly by SCWWA for all operating costs including debt service.
- The current split between DCWA and Dinwiddie County is 53/47 for capacity. This means DCWA customers are using 53% of the existing 2.0 mgd capacity. Dinwiddie County pays for 47% of costs which is future capacity.
- Dinwiddie County's portion of the annual debt service would be approximately \$117,000. This projection is provided to the Finance Director in the ten year CIP by DCWA.

South Central Wastewater Authority

- Upcoming challenges for SCWWA
 - Completing the Nutrient Project design and advertising in January 2022
 - Securing funding for the local share portion of the Nutrient Project. We have applied for CWRLF.
 - Maintaining plant operations and meeting permit discharge limits during construction.

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Questions/Comments?

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