

**Special Called Joint Meeting
Town of Mocksville Commissioners & Davie County Commissioners
September 3, 2019**

The Town of Mocksville Board of Commissioners and Davie County Commissioners met for a special joint meeting on Tuesday, September 3, 2019 at 4:30 p.m. in the Davie County Commissioners Meeting Room.

Present:	Mayor, Will Marklin	Absent:
Commissioners Present:	Eric Southern	
	Brent S.Ward	
	Rob Taylor	
	Brian Williams	
	Amy Vaughan-Jones	

Others Present:
Matt Settlemyer, Town Manager
Lynn Trivette, Town Clerk
Al Benschhoff, Town Attorney

Mayor Marklin called the meeting to order.

Invocation for Governing Bodies; BoC Chairman, Terry Renegar

Pledge of Allegiance for Governing Bodies; Mayor Marklin

Adoption of Agenda

A motion was made by Commissioner Williams to adopt the agenda. The motion was seconded by Commissioner Taylor which carried by a unanimous vote 5-0.

**Joint Utility Study Presentation to Governing Bodies
Johnny Lambert, Davie County Public Utilities Director/Hazen & Sawyer**

Hazen & Sawyer presented a PowerPoint addressing the Davie County Water Supply Alternatives Evaluation. Water supply for Davie County and the Town of Mocksville is provided by 3 water treatment plants. County and Town partnership is critical to recognize economies of scale and provide robust water supply to all customers within the County.

Water Supply Alternative 2

- Expand Sparks Road WTP to 4.5 MGD (mean gallons per day) – 2022
- Construct interconnect to Davidson Water and purchase up to 4.5 MGD – 2022
- Abandon Cooleemee and Lagle WTP's – 2022
- Capital costs \$26.7 million

Water Supply Alternative 3

- Phase I - Construct new 3.5 MGD (mean gallons per day) Cooleemee WTP – 2022
- Construct interconnect to Davidson Water and purchase 1.0 MGD (2022)
- Abandon existing Cooleemee and Lagle WTP's (2022) the old plant continues until the new plant is online.
- Phase II - In future, expand Sparks Road WTP to 4.5 MGD (2028)
- Capital costs \$46.0 million

Life cycle cost analysis:

- 20-year life cycle 2020-2040 evaluation of full implementation costs for both feasible water supply alternatives
- Accounts for all costs associated with alternatives
 - Capitals costs
 - Full O&M (operation and maintenance) costs with production of finished water
 - Costs associated with bulk purchase
 - Residual value of built infrastructure at end of evaluation period

Alternative 2 \$85.5 million

Alternative 3 \$90.6 million

(6% difference)

Present capital cost (2020), future capital costs (2026) and annual operation and maintenance residual value.

The recommendation from the Town's Engineer, County's Engineer and the County and Town's Director of Public Utilities is Alternative 3.

Alternative 3 is the best long-term investment. Even though the short-term capital cost of Alternative 3 is 23% higher than Alternative 2, the 20-year life cycle cost of the alternatives is within 6%. At this level of analysis, that difference is not statistically significant. Yet in 20 years, when the loans are paid off, the County will own a fully functioning and debt free water source. The County used the same strategy to build the Sparks Road treatment plant almost 30 years ago and it is continuing to serve us today and into the future.

Alternative 3 is safer and more resilient. Without construction of a new Cooleemee water plant, Mocksville and a large portion of the County would depend on a single pipeline under the Yadkin River to Davidson Water's only source. The Cooleemee intake provides an additional source, giving Davie three sources for solid resiliency.

Resolution by the Town of Mocksville Commissioners

The Town of Mocksville and Davie County staff is hereby directed by their governing bodies to further explore the selected alternative and proceed to do at least the following:

- Investigate and develop governmental resolutions of intent that may lead to agreements and cost distribution as the selected alternative is implemented in phases.

- Investigate and develop all available funding options that may be available to support this project.
- Perform a detailed cost analysis based upon preliminary engineering to economize and properly phase the selected alternative three.

A motion was made by Commissioner Ward to adopt the resolution for directing staff to investigate and develop funding options and cost analysis of the selected alternative number 3. The motion was seconded by Commissioner Williams which carried by a unanimous vote 5-0.

Adjourn

A motion was made by Commissioner Williams to adjourn the September 3, 2019 Special Called Joint Meeting. The motion was seconded by Commissioner Taylor which carried by a unanimous vote 5-0.

William J. Marklin, Mayor

Lynn Trivette, Town Clerk, NCCMC