

Liaison Committee Meeting

Meeting Minutes
November 29, 2016

The meeting was called to order at 11:00 a.m. at the Fauquier County Water and Sanitation Authority Conference Room, 7172 Kennedy Road, Vint Hill Farms, Warrenton, Virginia.

Present:

Board of Supervisors (BOS): Richard Gerhardt, Vice Chairman; Holder Trumbo, Member.

Authority Board: Raymond Graham, Chairman; William Downey, Secretary/Treasurer; Paul Blackmer, Vice-Chairman;

County Staff: Paul McCulla, County Administrator; Gary Schwartz, County Construction Manager; Kimberley Fogle, Community Development; Sue Rowland, Contractor to Fauquier County/Eldon James & Associates.

WSA Staff: Butch Farley, General Manager; William Skinker, Associate General Manager/CFO; Cheryl St. Amant, Associate General Manager/Director of Operations; Deborah Whitely, Director of Finance; Mary Sherrill, Director of Engineering; Nikki Saulsbury, Personnel Administrator; Christina Ennis, Executive Assistant/Clerk to the Board; Hank Day, Authority's Local Council;

Guests: Ashlee Marsh, Dewberry; Carmen Bere, Dewberry; Glenn Pearson, Dewberry; Joe Hines, Timmons Group; David Saunders, Timmons Group; Julie Bolthouse, Piedmont Environmental Council; Arianna Dunning, The Wiley Companies; Don Del Rosso, Fauquier Now; James Ivancic, Fauquier Times.

1. Mr. Graham called the meeting to order.

2. Approval of Agenda:

Without objection, the Agenda was approved as published.

3. Approval of Minutes:

Mr. Graham noted the following corrections to be made to the 11 October 2016 Minutes:

(a) Under Item 4, Paragraph 3, Mr. Graham moved to amend the minutes to change the “Committee” to the “County,” as two of the Authority Board Members were not present.

On motion by Mr. Trumbo and **seconded** by Mr. Downey to approve the 11 October 2016 Minutes as amended.

4. Catlett/Calverton Sewer Project Design and Cost:

Mr. Graham presented the floor to Ms. Marsh and the Dewberry team. Ms. Marsh begins by reviewing the probable costs (hard construction costs) of the project. Dewberry’s project costs did not include the design costs for whichever alternative is chose, the individual property connections from the septic to the grinder or the lateral, required electrical upgrades, easement acquisitions, property acquisitions for the proposed pump stations, or operation and management costs. Ms. Marsh reviewed each alternative Dewberry had previously presented. Alternative A consisted of a low pressure sewer system with one pump station in Calverton and a four-inch force main from Calverton to Midland and had an estimated cost of approximately \$12.1 million. Alternative B was very similar to Alternative A, but with one pump station in Catlett in addition to the one in Calverton with two force mains from Catlett to Calverton to Midland and was projected at \$12.7 million. Alternative C consisted of a gravity sewer, the two previously proposed pump stations (Catlett and Calverton), and two force mains and was estimated at \$21.3 million (which included \$3.2 million rock allowance).

Ms. Marsh then presented a visual representation of the village of Catlett incorporated with Alternative A, which included the service district (provided by Fauquier County), customers that have opted for sewer but are out of the service district, proposed pump stations and individual grinder pumps, and the connection between Catlett and Calverton. Ms. Marsh reminded the Committee that this option would have a low-pressure service line. Dewberry’s map of Alternative B was the same as Alternative A, but included a pump station in southern Catlett. Ms. Marsh presented an image of the proposed Alternative C, a gravity system with few grinder pumps. Ms. Marsh explained that the force main would then pump the sewage to Midland.

In summary, Ms. Marsh provided the Committee with the number of grinder pump units, size and amounts of force mains, pump stations, and distances from Catlett to Calverton and Calverton to Midland. From the numbers given to them, the Dewberry team arrived at a peak flow of 54 gal/min (or 1.2 ft/sec of a 4”line). Therefore, the pumps would need to be upsized to reach the 3 ft/sec

that is required by the Authority. Ms. Marsh strongly suggested odor control, which Dewberry included in its pump station estimates. She then presented pictures of the grinder pump systems and suggested putting the units at the property line. It was determined that the expense of the installation would be on the homeowner. The installation and grinder pumps are included in the \$12.1 million. Ms. Marsh also presented the Committee with a Hydraulic Analysis completed by Calverton District LPS. After questions raised at the last meeting, Ms. Marsh concluded that the standard grinder pump warranty is two years; however, a 5-year warranty is available with the purchase of additional installations. Ms. Marsh addressed other issues the Dewberry team encountered, including utilizing the VDOT Right of Way, stream crossings, railroad crossings, diabase rock and easement acquisition. Dewberry calculated approximately 10 acres of necessary easement. Mr. Gerhardt warned about a possible railroad easement and the difficulty of acquiring and maintaining one.

After assessing all Alternatives, Alternative A was considered the most favorable by Dewberry. The budget estimates included 10% contingency as well as 15% for design soft costs.

Mr. Schwartz thanked Dewberry and WSA and addressed the Timmons Group, which the Board of Supervisors hired to look at the conceptual side of the PER. The Timmons Group stressed the importance in the balance of the systems. Questions were addressed regarding differences in cost estimates and the concerning deadline of the Board of Supervisors' project loan.

5. Marshall Water System Large Scale Look:

Very briefly, members of the Authority Board addressed possibly working with the Liaison Committee regarding the water supply in Marshall. Mr. Graham and Mr. Downey simply suggested Mr. Trumbo and Mr. Gerhardt mention it to the Board of Supervisors.

Without objection, the meeting was adjourned at 12:00 p.m.