

**TOWN OF SULLIVAN'S ISLAND
WATER AND SEWER COMMITTEE OF COUNCIL
MEETING MINUTES
Thursday, July 18, 2019
8:45 a.m.**

1. Call to Order & Freedom of Information Act Requirements:

The Water and Sewer Committee of Council met at 8:45 a.m. on Thursday, July 18, 2019 at Town Hall, all requirements of the Freedom of Information Act having been satisfied. Present were Council Committee members Bachman Smith, IV (Chair), Chauncey Clark and Tim Reese. Staff members present were Jason Blanton, Greg Gress and Courtney Liles. There were no members of the public or media present.

Chair Smith called the meeting to order at 8:45 a.m., and stated the press and public were duly notified pursuant to State Law.

2. Communications/Additional Items from WWTF Manager, Greg Gress: None.

3. Discussions/Motions:

- a. Approval of Minutes- June 27, 2019.

Motion was made by Councilmember Reese, Seconded by Councilmember Clark, to approve the Water and Sewer Committee Minutes from June 27, 2019, carried unanimously.

- b. Pump Station flood proofing project: Greg Gress presented the 3 options as outlines in the Sullivan's Island Lift Station Conversion Alternatives Analysis (Attachment 1). Alternative A is to use existing wet well with deeper sump. Items this alternative includes are: demolish/remove existing building, floor slab, and wet well divider wall, reuse the existing wet well with a new concrete top slab for the conversion to a submersible pump station, install precast sump to increase the depth and eliminate surcharging of upstream collection system, electrical rack to be installed on a platform above 100-yr flood plain, all piping and valves installed above grade and privacy fence to be installed.

Alternative B is to install new adjacent sump for submersible pumps. Items this alternative includes are: install a new sump for submersible pumps adjacent to the existing building slab and connect to existing wet well, existing building to be demolished and new top slab to be constructed, new sump to be deeper than wet well bottom to eliminate surcharge of upstream collection system, electrical rack to be installed on a platform above 100-yr flood plain, all piping and valves installed above

grade and privacy fence to be installed. Alternative C is to install new wet well. Items this alternative includes are: install a new wet well and abandon existing wet well, existing building to be demolished and new top slab to be constructed, the new wet well to be designed to eliminate surcharge of upstream collection system, electrical rack to be installed on a platform above 100-yr flood plain, all piping and valves installed above grade and privacy fence to be installed. A few items to consider: the overall cost of upgrade for each lift station and individual alternatives, proximity to residence for feasible construction, capacity of site to accommodate construction materials and spoils and bypass pumping during construction.

The cost for lift station 1 with alternative C is \$446,210.00. The cost for lift station 2 with alternative C is \$406,960.00. The cost for lift station 3 with alternative C is \$460,960.00. The cost for lift station 4 with alternative C is \$470,750.00. The cost for lift station 5 with alternative C is \$485,360.00. The total cost of all 5 lift stations is \$2,270,240.00. These numbers include additional space for generators.

SCADA is included with all alternatives. Improvements include replacing existing enclosures with larger enclosures for future PLC replacement and provide better equipment cooling. Cost include relocating equipment, replacing cables, replacing surge protectors, and installing new antenna poles where required.

Chair Smith stated that Alternative C is the most desirable and least expensive. Greg Gress, his staff, and the Water and Sewer Committee all agree alternative C is the best option.

Motion was made by Councilmember Smith, seconded by Councilmember Reese, that the Water and Sewer Committee recommends to full Council Alternative C from the Sullivan's Island Conversion Alternatives Analysis from WK Dickson dated June 17, 2019, carried unanimously.

- c. Wastewater Treatment Plant Retrofit: Greg Gress provided the Committee with an updated bid timeline (Attachment 2). All of the dates are contingent upon receiving the construction permits for the project. It is possible a change order would be needed due to advertising for bids before having the permits in hand. The Committee agreed to proceed with advertising for bids without having the permits.

Motion was made by Councilmember Smith, Seconded by Councilmember Reese, that the Water and Sewer Committee Authorizes HDR Engineering to move forward with advertising for bids on the scheduled date of August 19, 2019 for the construction of the Wastewater Treatment Plant, carried unanimously.

Amendment to Owner-Engineer Agreement No. 4 was reviewed (Attachment 3): This is a change order to add six (6) more months of work time for the project for a total of eighteen (18) months. The Committee agreed not to sign the agreement at this time.

- d. Comply with Codification Review suggestions as to water shut-offs due to unpaid bills (on hold).

4. Review of Active and Pending Projects:

The current status of active and pending projects (a. through i. below) was reviewed.

- a. Wastewater Treatment Plant Retrofit (permitting phase)
- b. Charleston CPW/ICW Water Main Project (originating in Stith Park)
- c. CCOD1 (Commercial Overlay District) sewer line extension on Sta. 20.5 from about Central to Middle Street and just across (underway)
- d. CWS contract revisions
- e. I&I Phase II (nearing completion with a mid-August target)
- f. Written Cost Recovery Program
- g. Private Sewer Lateral Policy for I&I Reduction
- h. Pump Stations flood proofing project
- i. Ordinance review/clean-up

5. **The next Water and Sewer Committee Meeting is scheduled for:** Thursday, August 22, 2019 8:45 a.m. at Sullivan's Island Town Hall.

6. Adjournment:

Motion was made by Councilmember Reese, seconded by Councilmember Clark, to adjourn at 9:48 a.m., carried unanimously.

Respectfully submitted,


Courtney Liles