

AGENDA

SPARTANBURG SANITARY SEWER DISTRICT COMMISSION

REGULAR MEETING

MEETING PLACE: 200 Commerce Street

Tuesday, October 27, 2015, 2:15 p.m.

This is a regular meeting of the Spartanburg Sanitary Sewer District Commission. Written notice of the date, time, and place for this meeting, along with the agenda, has been posted on the bulletin board, and copies have been forwarded to local and nearby news media (including Spartanburg Herald-Journal, The Spartan Weekly, Greenville News, The Greer Citizen, Hometown News, WSPA-TV 7, WYFF-TV 4, WLOS-TV 13, WHNS Fox Carolina, WORD News Radio, WOLT-FM Radio, Tribune Times, and the Times Examiner) at least 24 hours prior to this meeting.

- 1. PRAYER**
- 2. APPROVAL OF MINUTES OF REGULAR MEETING OF SEPTEMBER 29, 2015**
- 3. MONTHLY FINANCIAL REPORT**

Newt Pressley will present a financial summary of SSSD expenditures and revenues for the three-month period ending September 30, 2015.

- 4. WEF FELLOW – REBECCA WEST**

Rebecca West was named as a recipient of the prestigious 2015 WEF Fellows designation, which recognizes WEF members' achievements, stature, and contributions in the water profession. WEF Fellows are recognized in various areas of expertise including, but not limited to design, education, operations, regulation, research, utility management and leadership.

"The Fellows designation denotes significant professional accomplishment and contribution to the water environment field" said WEF Executive Director Eileen O'Neill. "These outstanding individuals have devoted careers in service to clean water and are being recognized by WEF for the substance of their impact in their chosen discipline".

AGENDA – Spartanburg Sanitary Sewer District Commission, Regular Meeting
Tuesday, October 27, 2015

5. WATER ENVIRONMENT FEDERATION COMMUNICATION AWARDS

On November 4, 2014, the Water Environment Federation (WEF) in concert with the Water Environment Research Foundation, produced a timely informational webcast titled “Wastewater Worker Safety – Addressing Concerns on Ebola in Wastewater”. Over 4400 sites from across the United States registered for this webcast that was focused on providing current information on Ebola and effective safety practices for wastewater personnel that had the potential for exposure to the Ebola virus.

Sue Schneider and John Westcott were involved, along with other expert professionals from across the United States, in developing the materials for the WEF Ebola webcast and were recently recognized for their professional knowledge and engagement in this timely communication and education piece for water professionals.

In recognition for such, the Water Environment Federation presented a special “Communication Award” to Sue and John. This award was announced during WEFTEC 2015 that was hosted in Chicago, IL, this past September.

6. 2015 RETIREE SUPPLEMENTAL INSURANCE

Current Spartanburg Water retirees who are 65 and over are covered on a Medicare Supplement Insurance Plan that is provided by United American which includes prescription coverage. The plan renews in January 2016, and the renewal rates are shown below.

There has been a 4.2% overall increase from last year.

United American Insurance Company (proposed)	\$154,438
United American Insurance Company (2015)	\$144,921

Management recommends maintaining coverage with United American as the provider of over 65 retiree supplemental coverage, effective January 1, 2016. The approximate cost for each company is \$113,464 (SWS) and \$40,973 (SSSD). This will be funding through the operating budget.

AGENDA – Spartanburg Sanitary Sewer District Commission, Regular Meeting
Tuesday, October 27, 2015

7. REPLACEMENT OF VEHICLES AND EQUIPMENT FOR FY 2016

Staff has evaluated the SSSD vehicle and equipment fleet for replacement needs for FY 2016. Of the items considered, nine items have been selected for replacement. All vehicles and equipment selected meet the established depreciation replacement criteria, having in excess of 125,000 miles, being in service for 10 years, or are experiencing excessive repair needs and down time. Performance history is also factored into the recommendation.

Staff proposes the following replacements for FY 2016:

- BHL 30 – 2004 JCB 4 WD Backhoe
- BHL 31 – 2005 JCB 4 WD Backhoe
- UC 356 – Polaris Ranger Utility Cart
- GP 05 – 2003 Godwin 6" pump
- PGD 09 – 2003 Cummins Portable Generator 80 KW
- #500 – 1996 Ottawa Commando Yard Truck
- #712 – 2003 Chevrolet Silverado Duramax
- #746 – 2002 Freightliner VAC CON Combination Truck
- #752 – 2002 GMC Dump Truck

Total Budget: \$763,000

Where possible, vehicle and equipment replacement purchases will be completed through the South Carolina Materials Management Office Contracts. Applicable local dealers will be given an opportunity to meet the State Contract pricing.

Alternative fuel vehicle replacements will be evaluated based on application and the availability of electric/gasoline hybrids.

Management recommends approval of the vehicle and equipment replacement schedule to be funded from the SSSD depreciation fund.

8. ARC FLASH RISK ASSESSMENT FOR SSSD FACILITIES

OSHA has incorporated by reference the document *NFPA 70E, Standard for Electrical Safety in the Workplace*, as prepared by the Technical Committee on Electrical Safety in the Workplace and released by the Correlating

AGENDA – Spartanburg Sanitary Sewer District Commission, Regular Meeting
Tuesday, October 27, 2015

Committee of the National Electrical Code®, as its standard for protection of employees who perform electrical work. Among other requirements, this standard mandates that employers conduct an arc flash risk assessment of electrical equipment installed at its facilities and premises, and to review/repeat this assessment at five year intervals:

Per this standard, an arc flash risk assessment shall be performed and shall:

- (1) Determine if an arc flash hazard exists. If an arc flash hazard exists, the risk assessment shall determine:
 - a. Appropriate safety-related work practices
 - b. The arc flash boundary
 - c. The PPE to be used within the arc flash boundary
- (2) Be updated when a major modification or renovation takes place. It shall be reviewed periodically, at intervals not to exceed 5 years, to account for changes in the electrical distribution system that could affect the results of the arc flash risk assessment.

The assessment includes an engineering analysis of electrical systems to determine if risks exist and to provide warning signs, procedures and protective requirements for employees.

All of Spartanburg Sanitary Sewer District facilities are now due for risk analysis with the exception of the Lower North Tyger Reclaimed Water Facility (to be assessed during the planned upgrade of that facility).

Staff solicited proposals for performance of the Arc Flash Risk Assessment from firms/teams meeting the requirements of NFPA 70E. An independent consulting electrical engineer knowledgeable in the performance of arc flash assessments was retained to develop the request for proposal and to review responses received. The following respondent proposals were received:

**AGENDA – Spartanburg Sanitary Sewer District Commission, Regular Meeting
Tuesday, October 27, 2015**

<u>FIRM NAME</u>	<u>PRICE</u>
Matrix Engineering/Gregory Electric Company	\$237,827
Goodwyn, Mills, Cawood/Transworld	\$271,906
Verifiable Results, LLC	\$283,480
AECOM/Transworld	\$304,418
Hazen/Howard Engineering	\$316,400

Proposals were evaluated on approach and strategy, technical competence, schedule, cost, and MWBE participation.

Management recommends that this project be awarded to the team of Matrix Engineering/Gregory Electric Company for a total cost not to exceed \$237,827 with \$183,127 of the project funded by SSSD capital funds and \$54,700 of the project funded by SWS capital funds.

9. NOTIFICATION OF ENACTMENT OF EMERGENCY PROCUREMENT –HAYNE STREET AND VANDERBILT ROAD WASTEWATER COLLECTION SYSTEM FLOOD DAMAGE

On October 1, 2015, approximately 4-inches of rainfall fell within a two hour period resulting in flooding and significant damage to several roadways and collection system facilities in the vicinity of Spartanburg Methodist College located off of U.S. Highway 29 (W. Main Street). The known damages occurred on Hayne Street near Ethel Road at Three Mile Creek and on Vanderbilt Road between Village West Court and Vanderbilt Lane at Fairforest Creek.

On Hayne Street, approximately 600 linear feet of 8-inch and 12-inch sewer main running parallel to Three Mile Creek was rendered unserviceable following the collapse of the roadway. Due to the need to respond immediately, Godwin Pumps of America located in Rock Hill, SC was contacted and provided a quote for pumps and hard piping needed to construct a temporary bypass system to eliminate the discharge of sanitary sewer into Three Mile Creek. In the early morning hours of October 2, 2015, Collection and Distribution (C&D) staff successfully installed and placed a 12-inch by-pass line in service. This by-pass will remain in place until an external contractor completes permanent repairs.

**AGENDA – Spartanburg Sanitary Sewer District Commission, Regular Meeting
Tuesday, October 27, 2015**

In addition, on Vanderbilt Road, an aerial 8-inch sewer line crossing Fairforest Creek washed out as a result of the storm. SSSD's pre-qualified contractors were notified of the need to make an emergency repair. Double R Utilities responded and established a temporary by-pass. Double R Utilities and C&D staff developed a plan to eliminate the failed creek crossing by permanently diverting flows to a parallel 18-inch sewer main. This requires the construction of approximately 60 linear feet of 8-inch sewer main across Vanderbilt Road and a tie-in to an existing sewer manhole.

Senior Management approved the request for emergency procurement from Godwin Pumps of America and Double R Utilities to provide by-pass pumping and make the necessary repairs to permanently restore service at the Hayne Street and Vanderbilt Road locations at a not to exceed cost of \$150,000.

This above is provided as information to the Commission.

10. SYSTEM IMPACTS FROM HURRICANE JOAQUIN

Management will brief the Commission on various system impacts caused by Hurricane Joaquin.

11. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS

12. RESOLUTION HONORING LINDA POWERS BILANCHONE

The Commission will recognize the 24-years of service of Linda Powers Bilanchone.