

## **AGENDA**

### **SPARTANBURG SANITARY SEWER DISTRICT COMMISSION**

#### **REGULAR MEETING**

**MEETING PLACE: 301 South Avenue  
Spartanburg, SC 29306**

**Tuesday, May 25, 2021, 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 in the lobby and on the Spartanburg Water website, 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 WORK SESSION MEETING OF APRIL 27, 2021, AND REGULAR MEETING OF APRIL 27, 2021**

- 3. MONTHLY FINANCIAL REPORT**

Newt Pressley will present a financial summary of SSSD expenditures and revenues for the ten-month period ending April 30, 2021.

- 4. PUBLIC HEARING FOR PROPOSED FY2021-2022 OPERATING BUDGET**

A public hearing will be held by the Commission to allow input regarding the proposed FY2021-2022 Operating Budget.

- 5. DISCUSSION/APPROVAL OF PROPOSED FY2021-2022 OPERATING BUDGET**

Management requests approval of the proposed FY2021-2022 Operating Budget.

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**6. PARTNERSHIP FOR CLEAN WATER DIRECTOR’S AWARD – A. MANNING  
LYNCH WASTEWATER TREATMENT FACILITY**

The A. Manning Lynch Wastewater Treatment Facility has received the 2020 “Directors Award” from the Partnership for Clean Water, a program developed by AWWA and associated Partner organizations to guide wastewater organizations towards preserving environmental water quality by optimizing system operations. The Directors Award was achieved by completing the Self-Assessment and Peer Review phase of the Partnership for Clean Water program, a phase which includes comprehensive evaluation of wastewater treatment plant operations and performance, identification of performance limiting factors, and the development of action plans to achieve optimization. A total of nine wastewater organizations have won this award since 2019 and the District was one of three recipients in 2020.

Our goal is to continually strive to optimize operations and manage wastewater for our customers. Achievement of the Directors Award demonstrates our ongoing commitment to protecting public health. The above is provided as information to the Commission.

**7. COVID-19 REPORT**

Management will provide the Commission with an update.

**8. BID FOR STATIONARY DIESEL GENERATOR PURCHASE AND  
INSTALLATION SERVICES**

Bids were received on April 29, 2021, for the purchase and installation of a diesel stationary generator at the South Tyger River Wastewater Treatment Facility. Invitations to bid were forwarded to prospective bidders and publicized in the local media. A tabulation of the six responses are below listing the total cost:

<b><u>BIDDER</u></b>	<b><u>AMOUNT OF BID</u></b>
Generator Services West Columbia, SC	\$112,948.53

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Generator Power Systems, Inc. Columbia, SC	\$119,480.00
Page Power Systems Gastonia, NC	\$137,985.00
National Power York, SC	\$148,491.00
Clement Electrical Seneca, SC	\$172,018.00
Carolina Heating Piedmont, SC	\$174,755.65

Based on the results of the bid evaluations, management recommends the approval of an award to Generator Services for a total cost of \$112,948.53.

Funding will be provided from SSSD depreciation funds.

**9. PROPOSED REVISIONS TO THE SPARTANBURG SANITARY SEWER DISTRICT SEWER USE RULES AND REGULATIONS**

Management is proposing revisions/changes to the SSSD Sewer Use Rules and Regulations. These include:

- Change in **Section 9.84, Enforcement Related Charge** – wording change.
- Addition to **Section 10, Connections and Expansions of Spartanburg Sanitary Sewer District Wastewater Collection Systems** to include **Section 10.4, Recreational (RV) and Camper Storage Facilities – Restricted Dump Stations**.
- Clarification in **Section 11.7, Rebate of Charges Treatment of Waste Originating from Septic Tanks**.

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- Changes in **Section 11.8, Industrial/Commercial Site Septic Tanks** that define the categories of Industrial/Commercial Septic Tanks that require prior approval.
- Addition in **Section 11, Holding Tank Waste**, to include **Section 11.9, RV Parks and Campground Site Septic Tanks**. This change lists guidelines for acceptance.
- Miscellaneous clerical corrections and changes.

The proposed revisions/changes are presented as information only. The revisions/changes that affect the Industrial Pretreatment Program are subject to review and approval by SCDHEC.

Therefore, management is not requesting Commission action at this time and will present the proposed changes to SCDHEC. Once SCDHEC approves the proposed changes to the Industrial Pretreatment Program, management will bring the entire set of revisions to the Commission for final review and adoption.

<b>Current Language</b>	<b>Proposed Language</b>	<b>Explanation of Change</b>
<p><b>9.84 Enforcement Related Charge</b></p> <p>Any industrial user, whether classified as a SIU or not, <b>shall</b> be billed by the District for all costs associated with an enforcement action or actions in which the District identifies the user as being in violation of any permit or discharge authorization, order, directive, or any requirement of the Rules and Regulations....</p>	<p><b>9.84 Enforcement Related Charge</b></p> <p>Any industrial user, whether classified as a SIU or not, <b>may</b> be billed by the District for all costs associated with an enforcement action or actions in which the District identifies the user as being in violation of any permit or discharge authorization, order, directive, or any requirement of the Rules and Regulations...</p>	<p><b>The change from “shall” to “may” gives the District an option to bill for costs associated for enforcement related actions.</b></p>

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<b>Current Language</b>	<b>Proposed Language</b>	<b>Explanation of Change</b>
<p><b>New Section - 10.4</b></p>	<p><b>10.4 Recreational Vehicle (RV) and Camper Storage Facilities – Restricted Dump Sites</b></p> <p>Recreational Vehicle (RV) and camper storage facility dump stations shall only be used by the clientele of the storage facility. The following requirements are in force:</p> <ol style="list-style-type: none"> <li>1. The dump station is required to be within the confines of a secured facility.</li> <li>2. The individual dump station is required to be secured.</li> <li>3. The District must approve all dump stations prior to installation and collecting into the system.</li> <li>4. A log entry of each discharge is required.</li> <li>5. Periodic dump station and testing (i.e. chemical screening, metals, etc.) is required.</li> <li>6. Annual and for cause PCB testing is required.</li> <li>7. All testing will be completed at the owner's expense.</li> </ol>	<p>The purpose of this change is to allow Recreational Vehicle (RV) and camper storage facilities to construct and connect dump stations for their clientele.</p>
<p><b>Current Language</b></p>	<p><b>Proposed Language</b></p>	<p><b>Explanation of Change</b></p>
<p><b>11.7 Rebate of Charges for Treatment of Waste Originating from Septic Tanks</b></p> <p>The District shall provide the Commission approved rebate to property owners living within the District's boundaries if the property owner's septic tank contents are disposed by a licensed operator at a wastewater treatment plant approved by the District, whether that wastewater treatment plant is</p>	<p><b>11.7 Rebate of Charges for Treatment of Waste Originating from Septic Tanks</b></p> <p>The District shall provide the Commission approved rebate to property owners living within the District's boundaries if the property owner's septic tank contents are disposed by a licensed operator at a wastewater treatment plant approved by the District, whether that wastewater treatment plant is</p>	<p>The change involved changing the rebate per address or location to parcel.</p>

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<p>located inside or outside the District. The licensed operator shall provide written documentation identifying to the District the owner and location of all waste originating from septic tanks located within the District's boundaries and disposed of at wastewater treatment plants approved by the District. The District shall then notify those owners of their rebate eligibility and provide a certification form to be completed and returned. Upon receipt and validation of the certification form, the District shall issue the rebate. Only one (1) rebate per <b>address or location</b> will be issued in any calendar year.</p>	<p>located inside or outside the District. The licensed operator shall provide written documentation identifying to the District the owner and location of all waste originating from septic tanks located within the District's boundaries and disposed of at wastewater treatment plants approved by the District. The District shall then notify those owners of their rebate eligibility and provide a certification form to be completed and returned. Upon receipt and validation of the certification form, the District shall issue the rebate. Only one (1) rebate per <b>parcel</b> will be issued in any calendar year.</p>	
<p><b>Current Language</b></p>	<p><b>Proposed Language</b></p>	<p><b>Explanation of Change</b></p>
<p><b>11.8 Industrial/Commercial Site Septic Tanks</b></p> <p>All Industrial/Commercial site septic tanks that require pumping must receive approval from the District prior to pumping the site if the wastewater is to be delivered to a District reclaimed water treatment facility. The District may require testing of the wastewater prior to issuing this approval.</p>	<p><b>11.8 Industrial/Commercial Site Septic Tanks</b></p> <p>All Industrial/Commercial site septic tanks under the following categories that require pumping must receive approval from the District prior to pumping the site if the wastewater is to be delivered to a District wastewater treatment facility. <b>Those categories of Industrial/Commercial sites that must have prior approval as follows:</b></p> <ol style="list-style-type: none"> <li>1. <b>Vehicle related businesses</b></li> <li>2. <b>Mortuaries</b></li> <li>3. <b>Dog groomers</b></li> <li>4. <b>Kennels</b></li> <li>5. <b>Vehicle washes/Detailers</b></li> <li>6. <b>Industries with processes covered in the IPP program</b></li> <li>7. <b>Tattoo Parlors</b></li> <li>8. <b>Campgrounds/RV Parks (section 11.9)</b></li> </ol>	<p>This change simplifies the categories of industrial/commercial sites required for inspection.</p>

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	The District may require testing of the wastewater prior to issuing this approval for any wastewater to be delivered to a District wastewater treatment facility that it may deem necessary.	
<b>Current Language</b>	<b>Proposed Language</b>	<b>Explanation of Change</b>
<b>New Section</b>	<p><b>11.9 RV Parks and Campground Site Septic Tanks</b></p> <p>In order for the District to accept discharges from recreational vehicle (RV) park and campground site septic tanks, the following rules apply:</p> <ol style="list-style-type: none"> <li>1. Periodic septic tank inspection and testing (i.e. chemical screening, metals, etc.)</li> <li>2. PCB Testing prior to discharge</li> </ol> <p>The owner of the site septic tank is responsible for the cost of all testing.</p>	This section adds requirements for hauled wastes pumped from septic tanks serving campgrounds and RV parks.

**10. BIOSOLIDS MASTERPLAN DEVELOPMENT PROJECT – PROFESSIONAL SERVICES**

In 2018, the District began to experience elevated landfill costs. At the same time, landfills began to realize physical limitations within the landfills in relation to biosolids and saw regulatory drivers on the horizon. A biosolids masterplan was developed in 2011 and many of the items in the plan were carried out. However, no financial trigger points identified in that plan were ever realized due to the low landfill costs.

In 2019, the District began to gather information on available technology to identify viable solutions in the future. Long-term solutions such as drying facilities, incineration, and composting operations were among some of the technologies explored. Short to mid-term solutions were also considered and

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these included discussions with Spartanburg County in the use of their landfill and composters in the area.

To assist the District in evaluating the various options, a Request for Professional Services was developed. Four consulting firms were chosen to send the request to, based on their previous work and expertise with biosolids. Two of the consulting firms submitted a proposal. The proposals received are listed below:

<u>BIDDER</u>	<u>AMOUNT OF BID</u>
AECOM	NO SUBMISSION
CDM Smith	NO SUBMISSION
Brown & Caldwell	\$103,400
Hazen and Sawyer	\$341,500

Based on the received proposals, management recommends awarding the Biosolids Masterplan Development Project to the firm of Brown & Caldwell in an amount not to exceed \$103,400. Funding will be provided by SSSD capital funds.

**11. RECEIPT OF BIDS – BENS CREEK PHASE 1B GRAVITY SEWER EXTENSION PROJECT**

Bids were received on May 11, 2021, for the Bens Creek Phase 1B Gravity Sewer Extension Project. This is the second phase of a multi-phased project that will provide sewer service to a currently unserved area of the Sewer District. The current project will extend an 18" gravity sewer line approximately 3,800 linear feet, beginning near the new Bens Creek Pump Station and ending on the north side of Fowler Road.

Twelve contractors obtained the bid documents for the project, and six contractors submitted a bid. The bids were as follows:



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<u>BIDDER</u>	<u>AMOUNT OF BID</u>
Don Moorhead Construction, Inc. Belton, SC	\$1,386,613.00
DS Utilities, Inc. Little Mountain, SC	\$1,516,213.75
Greenstone Construction, LLC. Seneca, SC	\$1,711,956.00
Long & Son Utility Co. LLC Simpsonville, SC	\$1,861,913.00
Piedmont Utility Group, Inc. Mooresboro, NC	\$1,992,259.62
Payne, McGinn, & Cummins Belton, SC	\$2,430,626.25
Engineer’s Estimate	\$1,650,875.29

Management recommends awarding the contract to the lowest responsive bidder, Don Moorhead Construction, Inc., Belton, SC for the amount of \$1,386,613.00. This project will be funded by capital funds.

**12. BENS CREEK PHASE 2 GRAVITY SEWER PROJECT – PROFESSIONAL SERVICES**

The current Professional Services contract with Hill Engineering for the Bens Creek Project consisted of three phases, the final being the design of gravity sewer continuing along Bens Creek north of Fowler Road for a distance of approximately 1,000 linear feet. Staff has learned that at least two large, residential developers are in negotiations to acquire several large tracts further along Bens Creek, beyond the end of the current plan.

Hill Engineering, LLC has submitted a proposal to design, permit, and provide construction management services for an additional ±9,000 linear feet continuation of gravity sewer along Bens Creek. This will extend gravity

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sewer service to Greenpond Road and facilitate the development of the tracts noted above, as well as others.

The engineering services provided by Hill Engineering, LLC will also include the preparation of necessary easement plats and assistance with bidding the project.

The preliminary estimate for construction of this gravity sewer extension is \$2,411,690, and Hill has submitted a Not-To-Exceed Cost for Professional Services of \$240,000.

Hill Engineering has successfully completed Phase 1A of the Bens Creek Project that included the pump station, force main, and approximately 1,000 linear feet of gravity sewer. This phase is now in operation and providing service to the Anderson Grant Subdivision. Phase 1B of the Bens Creek project has been bid and construction should start by July 2021.

Management recommends the approval of a professional services contract with Hill Engineering, LLC in the amount of \$240,000. This project will be funded through the wastewater capital funds.

**13. PAGE CREEK UV EFFLUENT DISINFECTION UPGRADE PROJECT – PROFESSIONAL SERVICES**

Ownership of the Page Creek Wastewater Treatment Facility (PCWWTF) was transferred from the City of Landrum to the Spartanburg Sanitary Sewer District (SSSD) in 1998, and an upgrade of the facility to its current configuration was completed in 2002. Disinfection of the treated effluent is currently accomplished by a UV system that is nearing the end of its useful life. The current CIP schedule includes the replacement and upgrade of the existing UV system at the PCWWTF.

During March 2021, the SSSD Engineering Department issued a Request for Proposals (RFP) to four engineering consultants who were understood to have experience with UV effluent disinfection of wastewater. Responses to the RFP were asked to include the following:

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- Assistance in identifying and evaluating the available UV disinfection equipment and suppliers and recommending the best option;
- An approach to the design, permitting, and construction management of the UV system upgrade;
- An estimate of the engineering fees.

In response to the RFP, all four consultants submitted proposals. The proposals were reviewed by SSSD staff, and Goldie Associates was selected as the respondent whose scope, fee, and project understanding was determined to most closely align the requirements of the project and the needs of the SSSD. Goldie Associates had recently completed a major facility improvements project at the Lawson Fork WWTF, and staff was familiar with their capabilities and responsiveness.

Management recommends the approval of a professional services contract with Goldie Associates, Inc., in the amount of \$63,000. This project will be funded through the wastewater capital funds.

**14. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS**