

MINUTES

The Commissioners of Public Works of the City of Spartanburg, SC, Regular Meeting, held at 299 N. Church Street, Spartanburg, SC, August 28, 2018, at 3:45 p.m.

Copies of the agenda were forwarded to the following news media: 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.

Commissioners present were Ms. Viney, Mr. Littlejohn, and Mr. Montgomery. No one was absent.

The meeting was opened with the following statement:

This is a regular meeting of The Commissioners of Public Works of the City of Spartanburg, SC. 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 forwarded to local and nearby news media, at least 24 hours prior to this meeting.

1. PUBLIC COMMENT

Mr. Montgomery called the meeting to order and opened with a statement on behalf of the Commission.

Mr. Montgomery introduced Gene Jackson, who will assist with the Public Comment agenda item.

Mr. Jackson opened the Public Comment period and asked that if each person speaking would state their full name before making comments. Mr. Jackson also asked that when the commenter hears the timer, to please wrap up their comments.

Mr. Jackson called Hal Eleazer to the podium.

Mr. Hal Eleazer of 140 Stoneridge Drive, Lake Blalock, stated that he made a simple request to weed eat on the property that adjoins his lot and his request was denied due to erosion control. Mr. Eleazer noted that if there is no erosion, why wouldn't SWS allow weed eating? Mr. Eleazer recommended homeowners that have previously been allowed to weed eat be grandfathered in and allowed to continue weed eating.

Mr. Jackson called Glenn Gould to the podium.

Glenn Gould of 648 Brown Arrow Circle, Lake Bowen, stated that Spartanburg Water continually takes his property by moving the 827 Contour Line. Mr. Gould stated that his lot was originally 75x90, and is now 65x60. With Spartanburg Water's restriction of no building within 20 feet of the 827 Contour Line, that now leaves his lot size 65x40. If his house burned down, it would be a total loss. He couldn't rebuild a 3,000 square foot house on a 65x40 lot. This has reduced his property value by approximately 60%. The right thing for Spartanburg Water to do is to move his property stakes back to the original 827 Contour Line that he had.

Mr. Jackson called Cathy Gould to the podium.

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Cathy Gould of 648 Brown Arrow Circle, Lake Bowen stated homeowners have received notification about not using weed fertilization, and asked what Spartanburg Water is doing to control the geese population at Lake Bowen. Geese poop in yards, docks, and walkways. Geese droppings contain a lot of microorganisms capable of infecting humans and animals. Droppings wash into the lake, same as the fertilization we are told not to use. Home owners are told what to do or not to do, or get fined; but nobody at the Lake Bowen office can provide us with the information as to what we should do. Do these requirements apply to the public landing? No trespassing signs are being posted on homeowner's property for not following the rules, but how can we follow the rules when we don't know the rules.

Mr. Jackson called Kathy Stringer to the podium.

Larry Springer, Kathy's husband, noted that Kathy was caught in traffic and was not present. Mr. Springer was also signed up to speak, so he proceeded with his opportunity for public comment.

Larry Springer of 456 Sunward Path, Lake Bowen, stated that he and a neighbor have trees on both properties and the leaves are starting to turn brown, which may indicate the trees are dying. Mr. Springer received a permit last year to plant sod and wondered if some of the dirt used could be causing the trees to die. In fear of SWS penalties he consulted a professional opinion before consulting SWS. The professional believed the dirt is contributing to the trees dying. Mr. Springer needs permission to do something proactive with the trees that won't disturb the \$6,000 worth of sod he planted last year. Mr. Springer requested SWS take his name and have the warden come out and work through the process with him. As a homeowner, he would like to be able to operate without the fear of SWS making the situation worse.

Mr. Jackson called Manfred Lewis to the podium.

Manfred Lewis of 571 Thorn Cove Drive, Lake Blalock, stated that when he bought his home in 2007, he was told by the warden that his property had a dock permit and that he could install a dock at any time. Due to health concerns, he waited. Mr. Lewis recently contacted the warden's office to install a dock. He was told the permit had to be transferred into his name from the previous property owner's name, so he submitted an application to do so. After months of waiting, the lake warden told him he could not have a dock. Mr. Lewis did not receive an email that Jon Morgan said he sent regarding the declined application. This important information should have been an official document sent at least by mail. Mr. Lewis questioned the double standard of being told he could have a permit and then being told he could not.

Mr. Jackson called Matt Spencer to the podium.

Matt Spencer of 712 Brown Arrow Circle, Lake Bowen, stated that he is a recreational duck hunter and would like to hunt on Lake Bowen. SCDNR has told him there is a certified location on Lake Bowen, but that he would have to get permission from the land owner to hunt there. Mr. Spencer said he knows News Channel 4 has covered the story, and he personally doesn't

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have a problem with the CPW Chair, John Montgomery, but having to go through his family to gain hunting access looks bad. Mr. Spencer said he should be able to hunt below the 827 Contour Line, which is SWS property and not even have to worry about bothering the Montgomery family. Mr. Spencer said his confusion is DNR says he can hunt there, SWS says he has to bother a homeowner, so his question was when is he going to be able to hunt there.

Mr. Jackson called Fred Ponder to the podium.

Fred Ponder of 2363 Sandy Ford Road, Lake Blalock, stated he got his irrigation and dock permit on April 6, 2018. Mr. Ponder talked to the Watershed Specialist about what he could and couldn't remove, then he cleaned out two briar patches with a sling blade, and then received an enforcement action because he cut something wrong. Mr. Ponder said he has an open well on his property, but our people don't want to look at it, but he got an enforcement action. Mr. Ponder went back and got a permit to clean out stuff, since the property was a dumping ground for years. After receiving the enforcement action, Mr. Ponder decided to look into what Spartanburg Water has been doing. Mr. Ponder said he learned that SWS paid 30-40 Million for the water plant at Lake Blalock and hasn't pulled drinking water from it in eight years, and it would cost 10-15 Million to get the plant up and running again. Mr. Ponder asked if something were to happen to Bowen how long would it take to get Blalock up and producing drinking water. Mr. Ponder said he thinks the public needs to get a petition together and see what SWS is doing wrong.

Mr. Jackson called Clint Johnson to the podium.

Clint Johnson of 458 Chapman Drive, Lake Bowen, is the owner of Dock Pro. Mr. Johnson stated that building docks for Lake Bowen and Lake Blalock has been rough for the last couple of years due to lengthy permitting processes. Mr. Johnson stated that it took one year and three days to get one permit approved, while others have taken four, five, and even eight months for approval. The lengthy permitting process is a good way to ruin his dock business, stating one competitor has already gone out of business. Mr. Johnson referenced the fact that he was able to go to Spartanburg County and get a permit in 2½ hours to build a house and it takes four months to a year to get a permit to build a dock. Mr. Johnson stated that he asked Ms. Schneider at a recent homeowner meeting if he should hold on for better times or did he need to sell his business, and he felt her response of that is a personal decision you will have to make was a kick in the teeth since that is how he makes his living. Mr. Johnson said the decisions that the Commission and management make directly affects whether he eats or starves and he just wants to know what direction SWS is going in so he can make a plan for his life.

Mr. Jackson called Jody Alberts to the podium. Mr. Alberts was not present at the meeting.

Mr. Jackson called Representative Josiah Magnuson to the podium.

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Representative Josiah Magnuson thanked the Commission for allowing folks the opportunity to present their case and difficulties. Representative Magnuson stated that he lives in Campobello, but had been asked to make a couple of comments on behalf of his constituents. Representative Magnuson commended SWS for having the listening sessions but felt like management wasn't completely listening and was just going through the motions. He said SWS has acted like the residents are ignorant and don't have true concerns. Representative Magnuson said he has attended some of these sessions and they seem almost like a public relations event, where it is made to seem like Spartanburg Water really cares when something else is clearly the case. He also said he doesn't see a desire to communicate or a willingness to accept responsibility, and a callousness to the citizen's concerns him. Representative Magnuson said he would like to see Spartanburg Water truly listen to the people and noted that the quality of good government is often marked by their listening, and their ability to hear what people have to say. There is a lot of people that have these concerns, and I would ask for you to take some leadership and listen completely.

Mr. Jackson asked if Kathy Stringer arrived. Larry Springer stated she did not.

Mr. Jackson asked if Jody Alberts arrived. Mr. Alberts was not present.

Mr. Jackson stated, Mr. Chairman that is all on my list that is present.

Mr. Montgomery stated that on behalf of the Commissioners and staff, he wanted to thank everyone for their comments and stated that the public comment period was now closed. Mr. Montgomery welcomed everyone to stay for the remainder of the meeting as the Commission moved forward on many important items that require discussion and action.

2. APPROVAL OF MINUTES OF REGULAR MEETING OF JUNE 26, 2018

Mr. Littlejohn moved and Ms. Viney seconded the motion to approve the minutes as written. The motion passed unanimously.

3. MONTHLY FINANCIAL REPORT

Newt Pressley presented a financial summary of SWS expenditures and revenues for the 12-month period ending June 30, 2018, and the one-month period ending July 31, 2018. An explanation was provided for the favorable and unfavorable budget variances.

The above was provided as information to the Commission.

4. CITY OF SPARTANBURG – ECONOMIC DEVELOPMENT PARTICIPATION AGREEMENT

Spartanburg City Manager, Ed Memmott, thanked the Commission for the opportunity to provide an update from the City on Economic Development.

Chris Story, Assistant City Manager, stated that the City appreciated the opportunity to share an Economic Development Update with the

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Commission. Mr. Story shared that one big advancement the City has made this year is formalizing a partnership with the Spartanburg Area Chamber of Commerce. Mr. Story introduced Jansen Tidmore, Executive Vice President of the Downtown Development Partnership, of the Spartanburg Area Chamber of Commerce.

Mr. Story provided an Economic Development Update to the Commission and stated that the City is pleased with the mixed economic growth that is taking place downtown and that it has been a good year. The City continues to experience an array of small businesses and different types of establishments. Mr. Story thanked the Commission for their commitment to economic development.

Mr. Montgomery thanked Mr. Story for the update and noted that the Commission is grateful for the strong relationship with the City and thanked Mr. Memmott for his years of service to the City.

The above was provided as information to the Commission.

5. CUSTOMER SURVEY SERVICES

The Spartanburg Sanitary Sewer District and Spartanburg Water System utilize customer surveys to achieve the following: learn what is important to customers when determining their satisfaction with water/sewer services; measure satisfaction levels; uncover service problems; and identify ways to better meet customer needs. Professional services facilitate the design and execution of these surveys as well as the overall survey process and presentation of results. The types of surveys conducted include:

- **Monthly Transactional Survey**

This is a monthly survey of at least 50 customers randomly selected from a list of calls received by Spartanburg Water during the previous month. This survey focuses on the customer service the customer received. Statistical findings are reported on a quarterly basis.

- **Biennial Customer Satisfaction Survey**

This survey is conducted every two years and makes a statistical selection of 400 residential customers from the Spartanburg Water database. This is a comprehensive survey which evaluates customer satisfaction with a variety of attributes. Surveyed customers may or may not have had recent contact with Spartanburg Water. The survey results and feedback are presented to the Commission.

For both types of surveys, alerts are provided to Spartanburg Water for customers in need of a return call. Staff conducted a formal Request for Proposal process and Research America was the only firm to submit a proposal. Research America is a full-service, custom market research firm with over 20 years of experience providing utility customer tracking programs.

Based on their qualifications, experience, pricing, and methodology, management recommended an award to Research America at the below survey pricing:

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- Monthly Transactional Survey - \$17,800 annually
- Biennial Customer Satisfaction Survey - \$12,000 every two years

The cost will be funded from operating funds, and split equally between the Spartanburg Water System and the Spartanburg Sanitary Sewer District.

Ms. Schneider stated that Spartanburg Water utilizes Customer Surveys to learn what is happening between Spartanburg Water and customers. Spartanburg Water completes these surveys on a biennial basis as well as monthly transactional surveys.

Mr. Littlejohn moved and Ms. Viney seconded the motion to approve management's recommendation to award the bid to Research America at the survey pricing stated. The motion passed unanimously.

6. CHANGES TO THE FEES AND RULES FOR PAVILION #1

Pavilion #1 is the only fully enclosed heated and cooled recreational pavilion furnished to the public by Spartanburg Water. In 2017 Pavilion #1 was rented 120 of 365 days, in most cases every weekend (Friday, Saturday or Sunday) is booked. In recent years, staff has observed an increase in the number of instances where damage to the walls or other areas within the facility occurs and also noted an increase in the number of times when trash is not properly bagged and placed in the dumpsters that are provided. These occurrences require additional cost and staff time to address, and in some cases requires overtime hours due to concurrent Saturday and Sunday weekend rentals.

To address the increasing exposure to damage, trash issues and maintenance, management is proposing the following changes to the rental rules and policies.

1. Increase the rental fee from \$375 to \$400 (the rental fees have not been adjusted since 2012).
2. Introduce a \$100 damage deposit. The deposit will be refunded provided all of the rules are followed and no damages are done during the rental.
3. Update the rules and rental agreement to include the increased rental fee and establishing the damage deposit.
4. Change the rules governing reservations to allow for rentals to be booked on a rolling calendar year basis (currently reservations for the next calendar year are not accepted until October 1 of the current year).

Management recommended these changes be approved and become effective as of October 1, 2018.

Mr. Pressley stated that in recent months management has noticed an increase in damage to the walls and that facility users are not cleaning up after their rental. This causes staff to spend more time on the cleanup.

Mr. Pressley reviewed the recommended changes for Commission approval.

Ms. Viney moved and Mr. Littlejohn seconded the motion to approve management's recommended changes and to become effective as of October 1, 2018. The motion passed unanimously.

7. WATER QUALITY UPDATE FOR LAKE WILLIAM C. BOWEN AND MUNICIPAL RESERVOIR #1

Bobby Walden provided an update on source water quality for Lake William C. Bowen and Municipal Reservoir #1. Mr. Walden reviewed recent sample testing that indicated an increase in Methyl-Isoborneol (MIB) in Lake Bowen and migrating to Reservoir #1. Management made preparations for algaecide applications in Lake Bowen on July 12-13, and in Reservoir #1 on July 27. Current sample testing no longer detects MIB. Mr. Walden reviewed management strategies for the algaecide applications. Mr. Walden reviewed the SCDNR Report from the May algaecide application and fish loss, and read a statement from SCDNR regarding Spartanburg Water and SCDNR working together.

Mr. Walden read the SCDNR statement, which is shown below.

Lake Bowen/Municipal Reservoir #1 Statement

Following the release of the May 14-15, 2018 Lake Bowen and Municipal Reservoir #1 fish kill report by the South Carolina Department of Natural Resources (DNR), DNR and Spartanburg Water have initiated a series of meetings intended to insure communications are improved and processes are established to reduce the chance of future fish mortalities associated with herbicide applications. Spartanburg Water has already implemented modifications to their herbicide application methods following the May 14-15 event and have successfully employed these new methods to apply herbicide with no additional fish losses. DNR is in the process of developing an evaluation protocol to assess the current condition of fish populations in Lake Bowen and Municipal Reservoir #1. The results of this assessment will be used to determine what restocking efforts are appropriate. Spartanburg Water and DNR will continue to work together to insure the lakes are managed appropriately and continue to provide quality recreational opportunities for the public, while protecting our natural resources.

8. LAKE BOWEN UPDATE

Ms. Schneider provided an update on recent meetings with stakeholders and changes made to improve the permitting process. In the Fall of 2017, SWS separated the Permitting and Watershed activities from Boating and Recreation creating a Watershed Section and a Lake Wardens Section. The permitting process was streamlined, and since January 1 the average time for approval of a permit is now two weeks or less. To date there has been 873 permits in both lakes. This is about a 32% increase from last year. SWS provided a letter to homeowners on July 5 noting that the permitting burden had been reduced. General dock maintenance requires only a Notification to the Watershed staff, no application or permit. Emergency dock maintenance only requires a Notification to the Watershed staff, no application or permit. Effective August 1, the application was reduced from nine separate applications to one application. The Private Structure

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Agreement was eliminated and one universal document was created for all three Reservoirs to allow access to SWS Property.

Spartanburg Water facilitated listening sessions and meetings with stakeholders. SWS has a variety of stakeholders. On July 10 and July 17 the facilitated meetings included adjacent property owners and dock builders and identified areas of concern. On July 16 management met with Spartanburg County Board of Realtors representatives and explored communication pathways for all Spartanburg County Realtors. SWS will continue to have listening sessions with stakeholders.

Ms. Schneider stated some of the things SWS heard at the listening sessions with homeowners and dock builders were: 827' MSL Property Line, Oxygenation System, Algaecide Applications, Stormwater Runoff in the Watershed, Native Plants, Sampling in the Lakes – How do we identify Algae, Strategies for Adjacent Property Owners to Improve Water Quality, Resources for Adjacent Property Owners, Confusion on Permitting and what activities Required a Permit.

Ms. Schneider stated based on these topics of concern, SWS invited Lake Bowen and Reservoir 1 Stakeholders to a Drop In on August 23 to address some of these concerns. SWS had partners available to assist with these concerns. The partners included: DHEC, Aquatic – DNR, Clemson Extension, SWS staff for 827' MSL Property Line, Spartanburg Watershed Plan – Hazen Engineers, Upstate Forever Studies on Strategies for Adjacent Property Owners, SWS staff for Water Quality and Reservoir Monitoring, Oxygenation System, SC Native Plant Society, Dr. Rodgers, Clemson & Aqua Services, SWS staff for Land Permitting, SWS staff for Communications & Resources.

Ms. Schneider stated that one of the main concerns that was discussed at the homeowners listening sessions was from homeowners that had made an investment over time and may or may not have put the permits in their name when they purchased the property, they may or may not have gotten a permit at one time, maybe they are not sure. A lot of things happen over time. Management is finalizing the details, but plan to roll out a program this Fall called the Let's Press the Pause Button. Based on the comments from the listening sessions, this program will allow all existing improvements, permanent and semi-permanent structures that are already below the 827 property line to get a permit, license, or agreement depending on the type of structure. This will be a one-time period, for those 14 months that SWS sets aside, homeowners will be invited to work with staff to reset the baseline for their property and get all of those items permitted and files up to date. Whether it is a dock, sitting area, or other items that SWS may not typically permit in the future, they would be able to get a permit and agreement now. Adjacent property owners who participate can have confidence that their investments are recognized and appreciated.

Ms. Schneider noted some things on the horizon are the opportunity for improvements with all lakeside property owners – including Reservoir #1 and Lake Blalock. There will be more listening sessions with all Spartanburg Water stakeholders. SWS will expand communication with lakeside property owners and businesses that serve Lake Bowen, Lake Blalock and Reservoir

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#1 and launch the Let's Press the Pause Button Program with adjacent property owners around Lake Bowen.

9. PROFESSIONAL SERVICE AGREEMENTS FOR OUTSIDE LABORATORY SERVICES

Laboratory Services utilizes select outside vendors to perform a variety of required analytical and consulting services to meet regulatory monitoring requirements and evaluate water quality conditions over a variety of programs. These professional services include analytical testing for parameters in which the Water Quality Laboratory is currently not certified or does not have the technical capability, and associated consulting. Services include sampling and monitoring design, result interpretation and historical evaluation/trending, regulatory and reporting services, and event characterization. The following vendors are proposed to be utilized in FY18-19:

ASI Laboratories: Cryptosporidium and Giardia analysis, biological consulting, program design, and regulatory consultation.

Eurofins/Eaton Analytical: Taste and Odor analysis, Disinfection By-Products, general analytical services and special studies.

General Engineering: Radiological and specialized sampling and associated analytical consulting.

Roger and Callcott Environmental: General analytical, engineering, and consulting services to support drinking water, wastewater, biosolids, groundwater, and watershed monitoring.

Shealy Consulting: Investigations, special consulting, and regulatory services.

Water Systems of West Columbia: Toxicity testing, biological assays.

Management recommended the use of selected vendors for professional services for FY 18-19 at costs not to exceed \$360,000 to be paid out of existing SWS operational funds.

Mr. Littlejohn moved and Ms. Viney seconded the motion to approve management's recommendation to use the selected vendors for professional services for FY 18-19. The motion passed unanimously.

10. PROPOSED REVISIONS TO SPARTANBURG WATER'S CROSS CONNECTION CONTROL PROGRAM

Management is proposing revisions to the Spartanburg Water System's Cross Connection Control Program. Spartanburg Water, in accordance with the Federal Safe Drinking Water Act of 1974 and South Carolina State Primary Drinking Water Regulations, has the primary responsibility for preventing water or any other substances from entering the public potable water system by initiating and maintaining a viable cross connection control program. The program consists of locating and eliminating unprotected

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cross connections and maintaining records of existing backflow prevention assemblies or devices, and that these devices are tested annually to indicate compliance. Spartanburg Water currently has over 4,750 devices that must meet these requirements on an annual basis. The Cross Connection Control Manual last revisions were in May 2011.

These proposed revisions consist of:

- Section 4 Definitions – Word modifications made for added clarity
- Section 5 Responsibilities – Emphasizes the preferred method of protection as containment behind the meter and the tester qualifications
- Section 6 Requirements – Wording modifications for liability clarification
- Section 8 Requirements – Identification of timeline for non-compliance
- Section 10 Testing Requirements – Non-compliance time frame shortened and more detailed description of the notification and testing process
- Section 11 Enforcement Authority – New section – Defines Spartanburg Water System’s enforcement authority and strengthens procedures

Management provided this as information and will be requesting approval of these revisions at the September 25, 2018 Commission Meeting.

Ronnie Champion reviewed the proposed revisions to the Spartanburg Water Cross Connection Control Program.

The above was provided as information to the Commission.

11. PROFESSIONAL ENGINEERING SERVICES – I-85 WIDENING PROJECT WATER AND SEWER RELOCATIONS

The SCDOT has begun widening I-85 from Exit 80 through Cherokee County. The proposed widening plans include reconfiguration of the interchange at Exit 83 (SC Hwy 110) and realignment of frontage roads. Changes in roadway alignment, new bridge foundation structures, and addition of retaining walls affect the existing infrastructure, requiring the relocation of existing utilities.

Staff recently requested a proposal from Summit Engineering Group of Spartanburg, SC to assist with the development of water and sewer relocation plans, coordination with the SCDOT, and necessary permitting. They are currently providing similar services for other water and sewer utilities in Cherokee County impacted by the widening project.

Management recommended the approval of a professional services contract with Summit Engineering Group based on their hourly rate schedule with a not to exceed amount of \$45,000 for SWS and \$30,000 for SSSD for a total of \$75,000. The funding will come from capital funds.

Gene Jackson reviewed the I-85 Widening Project for water and sewer relocations.

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Mr. Littlejohn moved and Ms. Viney seconded the motion to approve management’s recommendation of a professional services contract with Summit Engineering Group. The motion passed unanimously.

12. RECEIPT OF BIDS – R.B. SIMMS HYDROELECTRIC NO. 2 DRAFT TUBE REPLACEMENT

Bids were received for the R.B. Simms Hydroelectric No. 2 Draft Tube Replacement Project on August 8, 2018. The project consists of the replacement of the number 2 draft tube at the R.B. Simms Hydroelectric Station. The hydroelectric unit number 2 has been out of service since September of last year. Replacement of the draft tube will make the unit operational.

Six contractors obtained the bid documents for the project with two contractors submitting a bid. A tabulation of the responses is listed below:

<u>BIDDER</u>	<u>AMOUNT OF BID</u>
Intercoastal Marine, LLC Castle Hayne, NC	\$296,699
BHI Energy Piedmont, SC	\$460,000
Ballard Marine Construction Washougal, WA	NO BID
Crowder Construction Co. Charlotte, NC	NO BID
Hall Contracting Corporation Cayce, SC	NO BID
Regional Utility Services, Inc. Spartanburg, SC	NO BID

Management recommended awarding the contract to the lowest bidder, Intercoastal Marine, LLC of Castle Hayne, NC based on their bid of \$296,699. This project is being funded by depreciation funds.

Gene Jackson reviewed the R.B. Simms Hydroelectric No. 2 Draft Tube Replacement Project.

Mr. Littlejohn moved and Ms. Viney seconded the motion to approve management’s recommendation to award the contract to the lowest bidder, Intercoastal Marine, LLC of Castle Hayne, NC. The motion passed unanimously.

13. PARTICIPATION PROJECT CONSISTENT WITH OUTSIDE CITY WATER MAIN EXTENSION POLICY – ALDRICH ROAD-POINT SOUTH

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The water main extension which consists of approximately 1,840 LF of 6-inch water main and one hydrant, is consistent with the SWS Participation Policy. It will be billed at the outside city rate plus surcharge until such time as the full share is recovered.

The water line design has been upsized to an 8-inch line for future growth in the area which increased the original project estimate from \$73,700 to \$93,500. The property owner's participation cost is still based on the original estimate, and not the future growth estimated cost.

Management recommended Commission approve the above.

Ms. Viney moved and Mr. Littlejohn seconded the motion to approve management's recommendation. The motion passed unanimously.

14. PARTICIPATION PROJECT CONSISTENT WITH OUTSIDE CITY WATER MAIN EXTENSION POLICY – 570 ZION HILL ROAD

The water main extension consists of approximately 100 LF of 6-inch water main and is consistent with the SWS Water Main Extension Policy. It will be billed at the outside city rate plus surcharge until such time as the full local share is recovered.

The water main extension has been upsized for future growth in the area to a 12-inch line which increased the original project estimate from \$4,600 to \$9,240. The property owners' participation cost is still based on the original estimate and not the future growth estimated cost.

Management recommended Commission approve the above.

Mr. Littlejohn moved and Ms. Viney seconded the motion to approve management's recommendation. The motion passed unanimously.

15. CONVERSE HEIGHTS HYDRANT FLOW TESTING

Per the South Carolina State Primary Drinking Water Regulations, a flow test shall be conducted on all fire hydrants at a minimum of once every three years. Performing these hydrant flows ensures that hydrants are fully operational and able to provide adequate fire protection when required. Hydrant flows need to be performed within the Converse Heights Community.

Collection and Distribution personnel will begin performing hydrant flows in the Converse Heights Community beginning in late September 2018. The piping within Converse Heights consists of primarily unlined cast iron piping that dates back to the late 1880's to the origins of a water system for the City of Spartanburg and is now over 130 years old. These unlined pipes are highly susceptible to tuberculation which is small rounded nodules from the reaction between the chemicals used to treat the water and the metallic nature of the pipe. This can reduce the volume of water available from those pipes and impede the ability to provide fire protection within the community. These factors present some concerns associated with the increased velocities within these pipes while performing hydrant flows in the

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community. While performing these hydrant flows customers within the area may experience discolored water or high turbidity from the particles and sediment that is stirred up from the increased velocities.

Prior to performing the actual hydrant flow tests Spartanburg Water plans to utilize a method of flushing the lines called "Unidirectional Flushing". Unidirectional flushing consists of isolating particular pipe sections or pipe loops, typically through closing appropriate valves and residential meters and opening hydrants in an organized, sequential manner. By utilizing this method Spartanburg Water anticipates containment of the potential discolored water to the area and pipes that are being flushed. Once flushing is complete and water quality is acceptable, water service is restored. The entirety of the Converse Heights Community will be performed in phases to minimize the disruption to customers.

Ronnie Champion reviewed the Converse Heights Hydrant Flow Testing Project with the Commission.

The above was provided as information to the Commission.

16. SOUTHGATE ROAD WATERLINE INSTALLATION PROJECT – SUMMARY CHANGE ORDER

The Southgate Road Waterline Installation Project is now complete. The project was installed by Payne, McGinn, and Cummins out of Travelers Rest, SC and included approximately 2,200 LF of 6-inch ductile iron pipe. The project was a participation project to extend water service along Southgate Road.

Change Order #1 was the Summary Change Order for a \$95 increase to the contract price for adjustment of the unit quantities based on actual work done. This change order was executed as per current water system policy.

The financial summary of the project is as follows:

Construction Contract	\$114,830
Change Order No. 1 (Summary) additions to the unit quantities based on actual work done.	<u> \$95</u>
Final Contract Amount	\$114,925

The above was provided as information to the Commission.

17. AGREEMENTS EXECUTED BY THE CHIEF EXECUTIVE OFFICER ON BEHALF OF THE COMMISSION

The following agreements have been executed on behalf of the Commission by the Chief Executive Officer in accordance with the resolution adopted by the Commission on March 28, 1989.

A. Inside City Private Fire Service Agreements

(1) Tuesday Morning

Tuesday Morning located in Converse Place at 1200 East Main Street, Spartanburg, SC wishes to connect a 6-inch water line to the Commission's 8-inch water line, running in a SWS easement in Converse Place, to serve a private fire protection system for the above-mentioned retail facility. Waterstone Properties Group wishes to enter into an agreement for this service.

Annual Stand-by Revenue - \$148.76

B. Outside City Private Fire Service Agreements

(1) The Regency At Blackstock

The Regency at Blackstock located at 281 Willis Road in Spartanburg, SC wishes to connect a 6-inch water line to the Commission's 12-inch water line along Willis Road to serve a private fire protection system, including one private hydrant, for the above-mentioned apartment complex. The Regency At Blackstock, LLC wishes to enter into an agreement for this service.

Annual Stand-By Revenue - \$446.32

C. Outside City Water Main Extension Agreements

(1) Adens Place

M. Seay, LLC is developing Adens Place Subdivision at Highland Ridge Trail. This development will consist of 107 residential lots, approximately 3,694 LF of 6-inch water main, 1,956 LF of 4-inch water main, and four hydrants. The developer will bear all costs.

(2) Kensington Creek Phase 2

Mark III Properties, LLC is developing Kensington Creek Phase 2. This development will consist of 52 residential lots, approximately 1,372 LF of 6-inch water main, 1,017 LF of 4-inch water main, and two hydrants. The developer will bear all costs. This project was originally submitted to the Commission in March 2015. The project was subsequently divided into phases, and the original Ownership Agreement has expired.

(3) MacDonald Subdivision

ECS Development, LLC is developing the MacDonald Subdivision off of Bertha Burns Road. The development will consist of 19 residential lots, approximately 1,735 LF of 6-inch water main, and one hydrant. SWS will participate in the off-site water main construction in accordance with the Water Main Extension Policy.

(4) Providence Farm

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Holly Drive Properties, Inc., is developing Providence Farm off of Sugar Ridge Road. The development will consist of 45 residential lots, approximately 1,180 LF of 8-inch water main, 761 LF of 6-inch water main, 1,315 LF of 4-inch water main and two hydrants. SWS will participate in the off-site water main construction cost in accordance with the Water Main Extension Policy.

D. Lake Agreements

Applications have been submitted and all fees have been paid on the following Lake Agreements.

- (1) **Eugenie Caroselli** desires to construct a dock and stabilize the shoreline at Lake Bowen.
- (2) **Larry D. Price** desires to construct a personal watercraft lift at Lake Bowen.
- (3) **Karen Cox Jackson** desires to construct a personal watercraft lift and stabilize the shoreline at Lake Bowen. An encroachment agreement has been executed.
- (4) **Michael C. and Krystal M. Lancaster** desire to construct a personal watercraft lift, replace a dock, and stabilize the shoreline at Lake Bowen.
- (5) **Clifton Simmons, Jr. and Leah G. Simmons** desire to construct a personal watercraft lift at Lake Bowen.
- (6) **Susan C. Gray** desires to replace a dock at Lake Bowen.
- (7) **Jane B. Crook** desires to replace a dock at Lake Bowen.
- (8) **Otis Petty** desires to replace a dock at Lake Bowen.
- (9) **Milton D. Trout** desires to replace a dock at Lake Blalock.
- (10) **Thomason C. Cato** desires to construct a hard pathway and replace a dock at Lake Blalock.
- (11) **Phillip G. Esce** desires to construct a hard pathway and replace a dock at Lake Blalock.
- (12) **David R. Scherping and Wendy C. Scherping** desire to replace a dock at Lake Blalock.
- (13) **Christopher W. Lanford and Heather G. Lanford** desire to replace a dock at Lake Blalock.
- (14) **James G. Mackey** desires to construct a hard pathway and replace a dock at Lake Blalock.

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- (15) **Donald R. Morrow Sr. and Sandra K. Morrow** desire to construct a personal watercraft lift at Lake Bowen.
- (16) **Dee Camp** desires to construct a boat lift and a personal watercraft lift at Lake Bowen.
- (17) **Randall A. and Patricia S. Collins** desire to construct a boat lift and replace a dock at Lake Bowen.
- (18) **Michael P. Young and Heather A. Lawter** desire to construct a hard pathway and personal watercraft lift at Lake Bowen.
- (19) **Terry D. Ridings** desires to stabilize the shoreline and construct a personal watercraft lift at Lake Bowen.
- (20) **Robert C. Speiss and Julie Speiss** desire to stabilize the shoreline and replace a dock at Lake Bowen.
- (21) **Adrienne Chapman Barnwell, Tracy Lynn Chapman, and Dustin Harold Chapman** desire to replace a dock at Lake Bowen.
- (22) **Phil M. Long and Keela B. Long** desire to maintenance a dock at Lake Bowen.
- (23) **Ewen H. and Amy Lennon** desire to construct a personal watercraft lift, replace a dock, and stabilize the shoreline at Lake Bowen.

18. EXECUTIVE SESSION

The Commission agreed it was not necessary to enter into Executive Session to discuss personnel matters.

19. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS

Ms. Schneider had no negotiations or miscellaneous administrative matters.

Meeting adjourned at 4:54 p.m.

G. Newton Pressley
Secretary-Treasurer

tbh