

MINUTES

The Commissioners of Public Works of the City of Spartanburg, SC, Work Session, held at 8515 Highway 9, Inman, SC, May 31, 2019, at 8:30 a.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 work session 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.

This work session was held to discuss watershed issues at Lake Bowen and tour the reservoir. There was an executive session for the Commission to receive legal counsel during the first hour.

Ms. Viney moved and Mr. Littlejohn seconded the motion to enter into executive session at 8:36 a.m. The motion passed unanimously.

Mr. Littlejohn moved and Ms. Viney seconded the motion to come out of executive session at 9:24 a.m. The motion passed unanimously.

Mr. Montgomery stated the Commission received legal counsel and no action was taken.

Mr. Littlejohn moved and Ms. Viney seconded a motion to authorize the Chief Executive Officer to purchase a 71.701 parcel located at 2290 Rainbow Lake Road, Inman, SC on Reservoir #1. The motion passed unanimously.

Meeting adjourned at 9:29 a.m. for a tour of the Reservoir.

G. Newton Pressley
Secretary-Treasurer

tbh

MINUTES

The Commissioners of Public Works of the City of Spartanburg, SC, Regular Meeting, held at 299 N. Church Street, Spartanburg, SC, May 28, 2019, at 3:00 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. APPROVAL OF MINUTES OF REGULAR MEETING OF APRIL 23, 2019, COMMISSION RETREAT OF APRIL 24, 2019 AND BUDGET WORK SESSION OF MAY 22, 2019

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

2. MONTHLY FINANCIAL REPORT

Newt Pressley presented a financial summary of SWS expenditures and revenues for the ten-month period ending April 30, 2019. An explanation was provided for the favorable and unfavorable budget variances.

The above was provided as information to the Commission.

3. VARIANCE REQUEST – 184 EDGEWATER ROAD

James and Rebecca Finch at 184 Edgewater Road are requesting a variance of the Standard Specifications for a marine structure regarding the maximum square footage (1,000 sq. ft.) for a replacement dock to create a stable platform that allows for safer interaction while lakeside. The landowner is a 100% disabled veteran.

The total footprint of the marine structure consisting of a covered two boat slip floating dock, boardwalk and two PWC lifts will be 1,198.25 sq. ft. The specific variance request is to replace the existing 12' X 12' floating dock with a 35' X 29' two slip floating dock with one outer edge walkway widen from 3' to 6', and the slip finger walkway widen from 3' to 4' of the floating dock to accommodate the accessibility requirements of a motorized wheelchair (+ 116 sq. ft.). The adjoining landowner also requested to increase the size of one boat slip to 11' in width to allow for the reuse of an existing boat lift (+ 25 sq. ft.). This is not required for accessibility. The boardwalk to the dock will be shortened from 25.5' to 19' (-26 sq. ft.) in an effort to reduce the structure footprint.

Staff has reviewed the request for variance, visited the site, and have no objections to the variance as described above.

The Commissioners of Public Works of the City of Spartanburg, SC – Regular Meeting, May 28, 2019

Bobby Walden reviewed the requested variance of the Standard Specifications for a marine structure regarding the maximum square footage (1,000 sq. ft.) for a replacement dock to create a stable platform that allows for safer interaction while lakeside, noting the landowner is a 100% disabled veteran.

Ms. Viney moved and Mr. Littlejohn seconded the motion to approve the variance request for 184 Edgewater Road. The motion passed unanimously.

4. WATER QUALITY REPORT

Bobby Walden provided an update on water quality for Lake William C. Bowen and Municipal Reservoir #1.

Mr. Walden stated that on May 6, in a cooperative partnership with SCDNR, approximately 2,150 Triploid Grass Carp were released into Municipal Reservoir #1 and Lake Bowen. All fish released were a minimum of 12 inches in length. 1,750 were released into Municipal Reservoir #1 as an initial stocking and 400 were released into Lake Bowen as a maintenance stocking. Triploid Grass Carp are a biological control tool used for controlling aquatic nuisance weeds and plants. The fish were released in both reservoirs to aid in the control of Bladderwort. Additional maintenance stockings will occur in subsequent years as prescribed by SCDNR and the South Carolina Aquatic Plant Management Council. SCDNR provided signs that have been installed at public landings and public fishing areas to inform and remind patrons that these are a catch and release species and should be immediately returned to the water.

Mr. Walden stated laboratory results from raw water sampling for taste and odor compounds taken at the Simms Intake-Structure during May 2019 show elevated levels of Geosmin ranging from 31 PPT's to 39 PPT's and MIB: < 2.0 PPT's (less than detect). These results are from raw water sampling prior to any water treatment or filtration.

Mr. Walden noted that finished water sampling results taken at the Point-of-Entry into the distribution system show elevated levels of Geosmin ranging from 10 PPT's to 21 PPT's. The average threshold for human detection is approximately 15 PPT's.

Mr. Walden introduced Ken Tuck, Drinking Water Treatment Manager, to discuss the recent algaecide application that was applied to address the rising trend in Geosmin. The application was conducted in five priority locations on Municipal Reservoir #1 and Lake Bowen on May 16 and May 17.

Mr. Tuck informed the Commission that a prescription for an algaecide application was provided by Hazen and Sawyer for application on May 16 and May 17 at five priority locations. SWS communicated those algaecide application plans to both SCDNR and SCDHEC in advance of the applications. Communication to external stakeholders was accomplished through a press release, as well as lake alerts. Licensed Commercial Applicators administered the application of the prescription. It was applied on 76 acres in Municipal Reservoir #1 and on 21.3 acres of focus areas in

The Commissioners of Public Works of the City of Spartanburg, SC – Regular Meeting, May 28, 2019

Lake Bowen. There were no adverse impacts related to the application. The applications did reduce the known taste and odor algae producers that were targeted by approximately 50-60% within the upper part of the water columns in those priority areas. However there are areas at the bottom of the lake that continue to show active taste and odor constituents growing in the sediment layer. Hazen and Sawyer is currently developing a prescription to focus primarily on the bottom few feet of the lake that could be administered as early as next week. This application will be administered on 191.6 acres, 63.5 acres on Municipal Reservoir #1 and 128.1 acres on Lake Bowen. Site maps and algaecide prescription tables have been prepared for each individual treatment location. SWS does continue to work with Hazen and Sawyer to finalize an overall Algae Management Plan and that will incorporate adaptive management based on environment and water quality conditions.

The above was provided as information to the Commission.

5. REPORT ON DRINKING WATER RESERVOIRS

Sue Schneider provided an update on activities within the drinking water reservoirs. Ms. Schneider noted that Land Permits continue to increase and there have been 630 permits issued through May 16, 2019. Press Pause program is in place until December 1, 2019. This program was designed from the comments received at the Listening Sessions with Lake Bowen residents. IT is designed to allow all existing improvements, semi-permanent and permanent structures already below the 827' MSL to remain in place if the adjoining property owner participates in the Press Pause Program. There is a limited one time period for 14 months to work with SWS staff and establish a baseline for each adjoining property that participates – October 1, 2018 through December 1, 2019. Adjoining property owners who participate can have confidence that their investments are recognized, appreciated and secured for the future. To date 185 have signed up.

Ms. Schneider stated that due to safety reasons, 105 adjoining landowners were notified that their docks have fallen into disrepair. Currently, 91 Docks have been repaired or replaced. Eight docks have been removed by a SWS contractor. Six dock owners have been notified that maintenance must be completed or it will be scheduled for removal during the week of June 10.

Ms. Schneider noted that the Monument Project involves a survey team verifying, resetting or replacing the 41 existing monuments at Lake Bowen. In addition, they are establishing 42 new monuments at Lake Blalock and establishing 12 new monuments at Reservoir #1. The survey team has completed the work at Lake Bowen. The survey team have moved to Reservoir #1 and have targeted 6-8 weeks to complete that work. The estimated completion at Reservoir #1, weather permitting, will be by June 30, 2019.

Ms. Schneider stated that staff are working on efforts to combine the Lake Blalock Buffer Management Plan and the Spartanburg Water System Policies and Procedures for Use of Water Supply Reservoirs into one consolidated rules and regulations manual. Staff will be seeking public comment in the upcoming weeks. Staff is conducting educational paddling tours of the Lake

The Commissioners of Public Works of the City of Spartanburg, SC – Regular Meeting, May 28, 2019

Bowen and Lake Blalock for the public – schedule and sign-up is on the web page. SCDNR Boating Safety Classes are scheduled for June 8 at the Lake Bowen Landing. Staff is accepting sign-ups.

The above was provided as information to the Commission.

6. WATER TREATMENT CHEMICALS BID

An online reverse auction event was held on May 8, 2019, in order to obtain pricing for water treatment chemicals for the Spartanburg Water System water treatment facilities. Eleven (11) vendors participated in the event. The pricing submitted is for the contract term July 1, 2019-June 30, 2020. The results of the event are tabulated below.

	Aluminum Sulfate 2400 Tons	Fluosilicic Acid 23% 142 Tons	Hexametaphosphate 60 Tons	Sodium Thiosulfate 30% 4800 gals	Powdered Activated Carbon - Hydro Darko B 300000 lbs	Sulfuric Acid 78% 140000 lbs	Ferric Chloride Liquid 360000 lbs	Aluminum Chlorohydrate Liquid 176000 lbs	Polymer Liquid 55000 lbs	Poly Aluminum Chloride-Delpac 27000 lbs	Solar Salt 1000000 lbs	Caustic Solution 50% 15000 lbs	Sodium Polyphosphate Solution 1800 lbs
CFS Enterprises					\$0.880								
Brenntag Mid-South			\$1,860,000	\$2.730		\$0.106	\$0.350					\$0.278	\$12.360
C&S Chemicals	\$260,000												
Univar USA		\$269,970								\$0.450	\$0.100		
Southern States Chemical						\$0.118							
Shannon Chemical			\$1,749,000										
Polydyne, Inc									\$1.061				
Pencco, Inc		\$270,020											
Chemtrade Chemicals	\$259,990												
Chemrite, Inc			\$1,745,000										
Carus Corporation			\$1,925,000										

Management recommended awards to the lowest responsive bidders for those products indicated on the bid tabulation summary. Funding will be provided through the annual operating fund.

Remsen Parrish, Purchasing Manager, provided an overview of the online reverse auction bid process and the recommended providers.

Mr. Littlejohn moved and Ms. Viney seconded the motion to approve management’s recommendation of awards to the lowest responsive bidders for those products indicated on the bid tabulation summary. The motion passed unanimously.

7. PARTICIPATION PROJECT CONSISTENT WITH OUTSIDE CITY WATER MAIN EXTENSION POLICY – SEAY ROAD

The Commissioners of Public Works of the City of Spartanburg, SC – Regular Meeting, May 28, 2019

Recently management received a request from a property owner on Seay Road, north of Clark Road and south of Highway 9, concerning the possibility of obtaining water service.

The water main extension consists of approximately 155 LF of 6-inch water main and one hydrant 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 an 8-inch line which increased the original project estimate from \$11,500 to \$12,400. The property owner's participation cost is still based on the original estimate of \$11,500 and not the future growth estimate.

Management recommended Commission approve the above.

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

8. 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. Outside City Private Fire Service Agreement

(1) McCullugh Road Self Storage FS

McCullugh Road Self Storage located at 112 McCullugh Road in Boiling Springs, SC wishes to connect a 6-inch water line to the Commission's 6-inch water line along McCullugh Road to serve private fire protection system, including one hydrant for the above-mentioned storage facility. McCullugh Road Self Storage, LLC wishes to enter into an agreement for this service.

Annual Stand-by Revenue – \$446.32

B. Outside City Water Main Extension Agreements

(1) McCullugh Road Self Storage

McCullugh Road Self Storage, LLC proposes to install approximately 534 LF of 6-inch water main, and one hydrant along McCullugh Road in Boiling Springs to serve a new self-storage facility. The developer will bear all costs.

(2) Villas At North Springs

LA Land, LLC is developing Villas at North Springs. This development will consist of 75 residential lots, approximately 1,055 LF of 6-inch

The Commissioners of Public Works of the City of Spartanburg, SC – Regular Meeting, May 28, 2019

water main, 1,835 LF of 4-inch water main, and one hydrant. The developer will bear all costs.

C. Lake Agreements

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

- (1) **Anthony G. Gibson and Cynthia A. Gibson** desire to construct a dock at Lake Blalock.
- (2) **Terry D. Ridings** desires to construct a boat lift on Lake Bowen.
- (3) **Cleve Artrip and Deborah Weber** desire to replace a dock on Lake Bowen.
- (4) **Kevin McGrain and Linda McGrain** desire to construct a personal watercraft lift on Lake Bowen.
- (5) **Randall W. Hyatt, Glenna M. Hyatt, and Christopher D. Hyatt** desire to construct a personal watercraft lift on Lake Bowen.
- (6) **John Steven Sherrill and Jacqueline Stock Sherrill** desire to construct a hard pathway, replace a dock, and stabilize the shoreline on Lake Bowen.
- (7) **Randall B. Duncan and Debbie M. Duncan** desire to construct a personal watercraft lift on Lake Bowen.
- (8) **Allison O.V. Schriver** desires to replace a dock on Lake Bowen.
- (9) **James W. Fowler, III** desires to replace a dock on Lake Bowen.

The above was provided as information to the Commission.

9. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS

Ms. Schneider had no negotiations or miscellaneous administrative matters.

10. PUBLIC COMMENT

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

Mr. Jackson opened the Public Comment period and requested that each person speaking state their full name and address before making comments. Mr. Jackson also noted that he is the timekeeper and when the commenter hears the timer, please wrap up their comments.

Mr. Jackson called Dwight Smith to the podium. Mr. Smith said good afternoon, my name is Dwight Smith and I live at 128 Coastline, Inman. I am a stakeholder in Spartanburg Water System. Mr. Smith asked the Board why they are on the Board, and to answer that question honestly to

The Commissioners of Public Works of the City of Spartanburg, SC – Regular Meeting, May 28, 2019

themselves. Is it for public service or another reason? Mr. Smith stated that a three member Board might have been okay when it was established many years ago, but he believes that time has passed and that Spartanburg has outgrown a three person Board. Mr. Smith said over 80% of the stakeholders live in the County, not in the City. These stakeholders want a voice on the Board, as they pay almost twice what the people in the City pay for water. Mr. Smith said adding more Board members makes good business sense and the Board should not be fighting this idea.

Mr. Jackson called Matt Spencer to the podium. Mr. Spencer said good afternoon, I have lived at 712 Brown Arrow Circle for about a year and a half. Mr. Spencer stated that his topic is - can't we all just get along. I am referring to the Board and the ones here and who are not here today, because you are not getting along. Mr. Spencer noted that there is a total divide between lake property owners and the Board. Mr. Spencer stated that he has attended meetings over the last nine months with a total of over 2,400 property owners that are mad, and feel cheated and stolen from. Mr. Spencer said the Board needs to get a handle on this, because this is perception, and perception is not good. Mr. Spencer stated that the wardens are doing a good job, but the Board is putting them in a bad place by enforcing things with no compromise. Mr. Spencer said the wardens aren't the problem, the Board is the problem. Mr. Spencer said he isn't having any problems, he has signed the documents, so maybe that's why. Mr. Spencer stated he is invested in the property and just wants to retire there and live there and everyone get along.

Meeting adjourned at 3:22 p.m.

G. Newton Pressley
Secretary-Treasurer

tbh

MINUTES

The Commissioners of Public Works of the City of Spartanburg, SC, Work Session, held at 299 North Church Street, Spartanburg, SC, May 22, 2019, at 10:30 a.m.

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This work session was held to discuss the proposed FY 2019-2020 budget.

G. Newton Pressley
Secretary-Treasurer

tbh