

# TOWN OF MEGGETT COUNCIL MEETING MINUTES

*Date: April 28, 2014*

*Time: 7:00PM*

*Location: SCPA Building 4770 Highway 165*

<b>Call to order by:</b>	Mayor Harry V. "Buster" Herrington III
<b>Type of Meeting:</b>	Council Meeting
<b>Facilitator:</b>	Mayor Harry V. "Buster" Herrington III
<b>Notes:</b>	

<b>Roll Call:</b>	Mayor Herrington	P	Matt Zender	A
A = Absent	Tom Hutto	P	Andy Gowder	P
P = Present	Tommy Butler	P	Ellie Brabham	P
	Keith McCarty	P		

**Prayer given by:** Mayor Buster Herrington

**Pledge led by:** Mayor Buster Herrington

*Minutes from previous meeting held on: March 24, 2014 Council Meeting*

**Motion made by:** Council Member Keith McCarty

**Seconded by:** Council Member Tommy Butler

**In Favor:** Mayor Buster Herrington  
 Mayor Pro Tem Tom Hutto  
 Council Member Tommy Butler  
 Council Member Keith McCarty

**Opposed:**

**Conclusion:** *Minutes were approved as written*

**Website:**

*Council Member Keith McCarty stated that he had received quotes from two Web Designers whose proposals were in excess of \$10,000. Web Designer, Jerry Rose, who gave his presentation to council at the March meeting, is a resident of the Town of Meggett. Jerry stated that because he is a resident of the town and wants to contribute to the town, his fee would be less than \$2000. Council Member McCarty proposed that the town hire Mr. Rose since he is a resident, will be easily accessible should we have problems and his is the lowest bid. Council agreed. Keith will put together a contract and ask Jerry to begin designing a new website for the town.*

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## **Wilson Road:**

*Mayor Herrington stated that Wilson Road is finally paved. They completed the paving last week and are working on the shoulders now which should be done in a few days. Mayor Pro Tem Tom Hutto asked if they were going to fix the driveways along the road. That always seems to be an issue when a road is paved. The Mayor stated that Banks Construction does a good job and they will make sure that is handled properly.*

## **Meggett Creek Bridge:**

*The Mayor stated that the Meggett Creek Bridge is still in DOT's hands and we are just waiting on them. He added that he had made some phone calls to speed that process up and hopes to hear back quickly.*

## **Church Flats Rd:**

*Church Flats Rd has had some pretty bad pot holes on it for some time, which have been patched numerous times. However, there is no funding to resurface that road at present. Mayor Herrington stated that there was an accident on the road the other day where two deer collided with a vehicle. The car was totaled but the driver was uninjured.*

## **Property Purchase:**

*The Boundary Survey has been completed on the property across from Town Hall, as well as the Phase 1 Environmental Survey. The title information has been completed by the town and it is in the Seller's hands now. The Mayor stated that once the Seller handles their end, we should close very quickly.*

## **SCPA Building:**

*Mayor Herrington stated that while doing improvements to the drain lines and water lines in the front part of this building, our plumber found that we had a broken water line and a broken drain line. Both of those have caused a tremendous amount of water beneath the building so much so that the sunk pump could not keep up. That has since been resolved and the sunk pump is working. One of Chris Wilson's employees went under the building last week and said there is still a little water under the building. The majority of the water was near the elevator opening.*

*The Mayor said there are two new tenants that will be in the SCPA Building on May 1<sup>st</sup>. Jody Crosby of Crosby Creations Drafting and Designs has leased the second office on the left. Heather Druyos of M Central Studio has leased the front office beside Dr. Meyer. Heather's business is a hair salon.*

*The Mayor added that Jody Crosby drew the designs for the picnic shelter and the bridge at Roxbury Park. She gave us a very good rate of \$500 for both.*

## **Planning Commission Meeting:**

*The Planning Commission Meeting will be held on May 13<sup>th</sup> at 7pm. Mayor Herrington stated that he would forward the emails that he has received from Andrea Pietras of Charleston County Planning to council. He also added that if they had anything they wanted to discuss to please get it to him and he would forward also.*

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## **LowCountry Leadership Charter School:**

*Mayor Herrington stated that everything was going exceptionally well until two weeks ago when we had all of the rain. The Hollywood Sewer System shut down and back flowed into the school gymnasium which caused major damage. It got under the floor and the sheetrock. A company from Charleston came in and did an emergency clean up. Council Member McCarty asked if they had insurance. The Mayor stated that they did.*

## **Council Member Reports:**

### **Building and grounds given by: Mayor Buster Herrington**

*Ken Carmen has made some requests of the town for Roxbury Park. He would like to have some type of push mower to be used by the gate. He has been using the golf cart that belongs to the neighbors, who he also works for, to do jobs for the town and has requested some type of utility vehicle for use at the Park. The Mayor will get some prices for council to review.*

### **Grants and projects reports given by: Mayor Pro Tem Tom Hutto**

*Mayor Pro Tem Hutto stated that Jody Crosby has finished the designs for the picnic shelter and walkway across the pond. This will soon be sent out for bid. The requirements for the picnic shelter are an appropriately licensed contractor and liability insurance valued at a million dollars. Things will be a little more complicated for the walkway since there will be a mandatory pre-bid for the Dock Builder.*

*The Mayor Pro-Tem added that we are having a lot of visitors going to Roxbury Park on the weekends.*

*He added that Edisto Island Historic Society holds an Annual Tour of Gardens and has asked if the town would be interested in including Roxbury Park.*

### **Communications: Council Member Ketih McCarty**

*Council Member McCarty gave his report at the beginning of the meeting in reference to the website.*

### **Financial report given by: Council Member Tommy Butler**

*The Town of Meggett bank balance went up \$19,600 last month. Also the CD that we added the \$21,111.08 to in May 2013 to make it \$75,000 has matured. The total is now \$75,433.69. We were receiving .6% interest. It renewed at .6% interest. The Wastewater account went up \$4500. Expenses that were out of the ordinary was \$2178 for plumbing in the cabin at Roxbury, a Kiosk and shelter was built that cost 2964.25, and \$2201.76 was spent on a refrigerator, three wooden file cabinets which we had stained and a bookcase which was painted for Town Hall. Totals for Meggett 1925 did not change.*

### **Utilities report given by: Council Member Matt Zender**

*In Matt Zender's absence Mayor Herrington read the following report.*

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## *H2S and Odor Control in the Wastewater System – Update*

*Gene McCall has been looking into potential solutions for the H2S issue for close to two years now. Because of the long detention time, sewage has in the Meggett force main. The force main, in essence, acts like an anaerobic (without oxygen) treatment plant.*

*The primary bacteria that treat sewage can live in either an oxygen rich environment or one without oxygen; these bacteria are called facultative bacteria. They prefer to operate with oxygen as this is a more efficient mode of metabolism for them. The end products of their sewage digestion by and large are energy derived from this digestion with waste products of CO2 and water.*

*If oxygen is not present, these facultative bacteria convert to an anaerobic mode of metabolism. They still get energy from digestion of the sewage, but because oxygen is not present, they have to find other electron acceptors, one of these, and the critical one here, is sulfur. The significant waste product produced here is H2S.*

*There are several ways to try and correct this H2S problem. One is to add oxygen. This has been accomplished by injecting oxygen (O2), by ozonation (which is injection of O3), or adding chemicals which contain oxygen (Siemens has several for wastewater). The capital and maintenance costs for the O2 and O3 injection type systems is prohibitive. The chemical costs for the oxygen-containing chemicals is very high; and here, according to the Siemens engineer is impossible; even if you could afford the chemical costs, you simply cannot add enough oxygen-containing chemical to last the 10-20 day sewage detention time in the Meggett force main. The same goes of O2 or O3 addition; even if you could afford it, you just can't add enough to sustain the 10-20 day travel time.*

*The next approach was to look intercepting the H2S at Hollywood PS 4. Several solutions were reviewed. One was a circular sliding board, that would introduce the sewage via a smooth, laminar flow into the pump station wet well, so the sewage wasn't stirred up and thus the release of H2S would be significantly less. The room required, retrofit costs, and capital costs for this slide caused us to reject this process.*

*We then began looking at capturing and biological treatment of the wet well air to remove the H2S. This approach appears the most practical. We looked first at the Monashell by Anhu, an Irish company. It is essentially a combination air stripper and of what is called in traditional wastewater terms, a trickling filter. A biomass grows on the media (mussel shells). Water, sometimes with nutrients added, is sprayed over the top of the media to keep the bacteria mass alive. The H2S containing air is evacuated from the wet well by a blower, and clean outside air replaces it in the wet well. An air exchange rate of 6 volumes per hour is required. The HS2 containing air flows upwards through the media bed. H2S is eaten by the bacteria, physically stripped out of the water by the media, and to some extent chemically reacted with the calcium carbonate in the media, and converted to sulfuric acid (H2SO4). The sulfuric acid is added back to the wet well wastewater. The cleaned wet well air is released into the outside atmosphere.*

*Dorchester County has one Monashell unit. It has given them problems as of late, but they blame themselves for lack of proper maintenance.*

*Due to the high cost of the Monashell system, we also looked the EcoVerde system. Instead of shells, this uses a synthetic plastic media, but basically it acts in the same manner as the Monoshell, minus the reaction with the calcium in the shells. Capital costs for the EcoVerde unit is essentially the same as the Monashell. Mt. Pleasant has one of these systems. It ran well originally, but is now giving them problems, but they blame themselves for lack of proper maintenance. Mt. Pleasant said they need to devote a full-time operator to their eight biological odor systems, or an hour per day per system. Pete*

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*Duty Associates, the local vendor for EcoVerde, and EcoVerde have offered us a 3 month trial at no cost. The no cost would still require us to pour a proper foundation, pay for shipping and installation costs, which we estimate to be in the ball park of \$5,000. It is something worth considering.*

*The bottom line, is that these biological systems hold the greatest promise, but a ball park capital cost installed would be \$50,000 for either the EcoVerde or Monashell. Also, they clearly also require constant operator attention in order to function properly, as they are a biological waste treatment system, and thus there would be increased operation costs for the overall wastewater collection system. One unit at HW PS 4 may solve the problem, or similar systems may be required at HW PS 4, 5, 6 and 7 in order to take out sufficient H<sub>2</sub>S to make a difference.*

*We are considering designing and constructing our own system at HW PS 4, after the Monashell patent expires in November 2014. We would combine the ideas of the Monashell and EcoVerde system and use oyster shells as the media. We think the capital costs would be half or less of purchased units.*

*More thoughts on this to come.*

### **Public Comments:**

*Mayor Pro-Tem Hutto apologized to everyone for the loud party on Saturday night that was held on Toogoodoo Rd. Mayor Herrington said that he had several complaints and would look into the matter. He further added that we are not going to allow this in the Town of Meggett. Resident Larry Commins stated that some kids came out about 11pm on Saturday night and were in Frank Judge's old house looking for ghost. They said they had found it listed on a Ghost chasing website. Larry said that he was unable to find a listing that included that house.*

*With no other comments, Mayor Herrington adjourned the meeting at 7:35pm.*

*Submitted by Ellie Brabham*