AGENDA

1. CALL TO ORDER. Chairman Elliott

2. PLEDGE OF ALLEGIANCE. Chairman Elliott

3. AGENDA APPROVAL

4. MINUTES APPROVAL. November 13, 2017

5. OFFICER ELECTION
   A. Chairman
   B. Vice Chairman

6. PUBLIC COMMENTS – Agenda Items

7. COMMUNICATION & EDUCATION
   A. CWSEC Coordinator Lisa Swanger
   B. Dr. Susan Libes, Coastal Carolina University
   C. Public Works, Director Adair

8. BUSINESS
   A. March Festival (20 second hook to the booth), and work schedule
   B. Educational Seminar for April 9; how to get the public involved.

9. DISCUSSION – Any items of Interest or Concern to Committee Members

10. PUBLIC COMMENTS

11. COMMITTEE COMMENTS

12. ADJOURNMENT
STORMWATER COMMITTEE MEETING
November 13, 2017 • 1:00 o'clock p.m.
Surfside Beach Town Council Chambers

1. CALL TO ORDER. Chairman Elliott called the meeting to order at 1:00 o'clock p.m.
Members present: Chairman Elliott, Vice-Chairman Mull, and members Beck, and Mabry. One seat is
vacant. A quorum was present. Others present: Town Clerk Herrmann; Public Works Director Adair; Dr.
Libes, Coastal Carolina University Director of the Waccamaw Watershed Academy, and CWSEC
Coordinator Swanger.

2. PLEDGE OF ALLEGIANCE. Chairman Elliott led the Pledge of Allegiance. After the Pledge,
Chairman Elliott announced that Mr. Crouch resigned his position, and she extended apologies to Dr.
Libes for the unfortunate series of email messages. She said the committee and the town have the
utmost respect for Dr. Libes and the guidance she provides.

3. AGENDA APPROVAL. Mr. Mabry moved to approve the agenda as presented. Mr. Beck
second. All voted in favor. MOTION CARRIED.

4. MINUTES APPROVAL April 18, 2017 Regular Meeting; July 18, 2017 Workshop, and
September 19, 2017 Workshop. Mr. Beck moved to approve all three sets of minutes as presented. Mr.
Mabry second. All voted in favor. MOTION CARRIED.

5. PUBLIC COMMENTS – Agenda Items. There were no public comments.

6. COMMUNICATION AND EDUCATION

A. CWSEC Coordinator Lisa Swanger. Ms. Swanger shared the flyer for the upcoming 3rd
Annual Grand Strand’s Canines for Clean Water Spokes Dog Contest for 2018 is being held December
2nd at the Myrtle Beach State Park. It begins at 1:00 p.m. The Biannual Stormwater Consortium meeting
will be on December 13th. More information will follow. This is when we do activity planning. Please save
the date of February 10th for the Waccamaw Conference, a free public educational conference for
individuals and families, at the Horry County Museum from 1:00 p.m. to 4:00 p.m. There will be vendors
and exhibitors set up throughout the museum, and a student poster contest.

B. Dr. Susan Libes, Coastal Carolina University. Dr. Libes presented the quarterly reports from
the water monitors, and distributed copies to the members. The good news is the most recent readings
from 2016 and 2017 are looking really good. The beach had a really good year to the point where DHEC
(South Carolina Department of Health and Environmental Control) has signaled that more site will be
removed from the list of impaired water bodies. There were only four times the water quality did not meet
DHEC’s ocean water criteria during this past summer, despite the fact there was a lot of rainfall preceding
many of the sampling dates. In the current quarter, which has two samplings left, Lake Dogwood has had
two reports back to back that exceeded the DHEC water quality criteria, both of which experienced
significant rain just prior to the samplings. The same observation was made at Myrtle Lake. However,
complete data is yet to be determined. The last sampling taken on October 31 showed that levels had
fallen below the water quality criteria, which supports the theory that these high readings were a rain-
driven phenomenon that has gone away. Water monitors have been watching the turbidity in Lake
Dogwood with concern of sediment flowing from west of Highway 17 into Lake Elizabeth and Dogwood
Lake. Elevated turbidity was observed during days with a lot of rain. The October 10 event measured
turbidity around 22, which is the third highest report in this record of 170 samples. The most recent
sample is much lower at about 6; normal turbidity is around 5. So we’re on the right trend. The amount of
fresh water entering Lake Dogwood due to these rain events was so significant that the dissolved solids,
conductivity, also dropped. This record shows the impact of hurricanes on Lake Dogwood, which is
subject to saltwater over washing into the fresh water. Hurricane Irma caused record high conductivity
readings in September. Conductivity is “not a water quality problem.” It is simply the impact to the natural
history of the lake. It may affect plants or animals. Dissolved oxygen levels have been measured since
July 2010. Fountains are in Lake Elizabeth and some others places in an effort to keep oxygen levels up
to the healthy standard for fish and other animals. It appears that we are seeing fewer readings of low
numbers. During the past two summers, we’ve seen hardly any violations of the oxygen recommended levels or the water quality criteria. Neither of the sampling sites went down into the stressful low territory this past summer. That’s good news; the continuing trend of improving dissolved oxygen has been sustained. Mr. Adair said there were some low oxygen levels in Palmetto Lake, which is very shallow, during the summers of 2015 and 2016. This past fall we installed three subsurface aeration that bubbles up from the bottom of Palmetto Lake in effort to combat the high heat and hopefully avoid any more fish kills like we had in 2015. The aerators were operating 24/7, but neighbors were unhappy about the humming noise. Mr. Harth took samplings based on the 24/7 operation. Then the aerators were only operated during the day, beginning around 6:00 a.m. to 6:00 p.m. There was negligible difference in the readings, so the system is running 12 hours a day. We haven’t experienced any other fish or oxygen problems this summer with high temperatures. Palmetto is the only lake where there has been an issue, and we’re on a steady course now. Visit www.coastal.edu/wwa/vm/surfside for more information.

7. DIRECTOR’S REPORT, Public Works Director Adair. Mr. Adair said public works is doing its offseason ditch and catch basin cleaning, which improves water quality, to a certain extent, throughout town at the outfalls and our near ocean waters. This week the bid will be let for the Myrtle Swash culvert bridge reconstruction project. A grant in the amount of $500,000 was received from the Rural Infrastructure Authority for construction. The project was designated as a top tier to protect the town’s infrastructure. Construction will take place over the winter, which will require a detour off Ocean Boulevard not to exceed 90 days. The old wooden bridge will be replaced by a concrete box culvert on a concrete pile foundation driven deep to a point of refusal. It will last for many, many years. The design will handle the proper volume of water. Many people don’t understand when we have a hurricane and water is standing on Dogwood Drive or other roads it isn’t that the drainage system isn’t working. Low elevations cannot handle a four or five foot storm surge. The bathymetric survey to map the topography of our lake bottoms and to calculate water volume will be done this week. The study will help determine when the lakes should be dredged. Once the survey is complete, there will be good baseline information to work with. Mr. Adair noted that Oceanside Village is complaining about the town’s stormwater travelling through its property. He wanted the committee to be aware that controversy may arise from this. In the early 2000s the town worked with Horry County to upgrade the Melody Basis, the plan included that about 20 acres of runoff from town actually travels through Oceanside Village and out to the inlet. He would keep the members advised. Mr. Beck said a few years ago, there was discussion about diverting that water through town, and asked if that would eliminate the concern to Oceanside Village. Mr. Adair said that would take care of that issue, but there are no plans to do that now. He expects this will soon hit the media.


A. Inside Surfside Article. Chairman Elliott asked if the public should be notified about the bridge project in the newsletter. Mr. Adair said the information would be in his monthly report. You may want to include it in the newsletter article. The article proposed by Mr. Mask was discussed, and the committee concurred to add information about the bridge reconstruction and the bathymetric study.

B. Debrief.

i. October 7, 2017 Family Festival. Chairman Elliott said the booth at the Family Festival was a success. Mr. Adair agreed, and said there was a good turnout, and the weather was good.

ii. October 20, 2017 Education Seminar. Mr. Adair thought the education seminar held near Halloween was... Chairman Elliott said disappointing. Mr. Adair continued saying we need to reconsider the schedule for the seminars; perhaps a weeknight so people can stop by on their way home from daily activities. Everyone put a lot of effort into the event. Ms. Mull asked what went wrong. Mr. Beck said only one person attended other than the presenters. An excellent program was set up and Mayor Childs was here. Chairman Elliott said 400 flyers were distributed during the festival and delivered to local businesses. Ms. Swanger said Friday evenings are out for public education seminars. I agree that either right after the work day would be good. Once people get home, they won’t come back out. I agree that the presentations were great, and there were nice activities. I think it would be appropriate to present the
program at another time. Chairman Elliott said definitely. The BBQ Festival is March 10th, then the end of the month is Holy Week. Ms. Swanger suggested sometime in April. Dr. Libes suggested a reward for a photograph of the strangest litter found on the beach, which might engage students. Also an activity that parents and children could do together. After further discussion, the committee CONCURRED to tentatively set the spring education seminar on Monday, March 12th, Wednesday, March 14th or April 9th at 6:00 p.m. (Note: After the meeting, April 9th was confirmed as the spring education seminar date.)

9. DISCUSSION. Any items of Interest or Concern to Committee Members.

Chairman Elliott asked if Mr. Adair would be able to make the aquarium to show how an aerator affects water. Mr. Adair said yes, he would work on that this winter.

Ms. Herrmann said the next regular meeting is January 16th at 12 noon. She asked if the committee would be willing to meet at 1:00 p.m., because there is an Election Commission meeting at 10:00 a.m. that morning to certify candidates, after which there are required tasks to be completed. Several members agreed and some members said they preferred 1:00 p.m. The committee CONCURRED to hold regular meetings at 1:00 p.m. Mr. Beck said maybe people did not come to the meetings, because they were happy. When they are upset is when they attend meetings. If our meetings were schedule close to another meeting, the public might stay. Chairman Elliott said that’s true; very good [observation]. Mr. Mabry agreed and added that unless television crews were in the yards filming a flood, people generally would not show up for a meeting. They don’t show up because staff and the committee are doing a good job. Mr. Adair does an excellent job making sure our drainage is operational. We expect the public to attend, but there is no reason for them to attend. A lengthy discussion was held regarding involving church groups, Boy Scouts, Girl Scouts and other in a rock painting program that would be used a tool to encourage people to attend the stormwater education seminar. Mr. Beck did not believe it was a very good idea; no decision was made.

10. PUBLIC COMMENTS. There were no public comments.

11. COMMITTEE COMMENTS. There were no committee comments.

12. ADJOURNMENT. Ms. Mull moved to adjourn the meeting at 2:21 p.m. Mr. Lauer second. All voted in favor. MOTION CARRIED.

Respectfully submitted,

__________________________________________  
Debra E. Herrmann, CMC, Town Clerk

Approved: January 16, 2018

____________________________________  
Sandra Elliott, Chairman

____________________________________  
Tabitha Mull, Vice Chairman

____________________________________  
Alan Beck, Committee Member

____________________________________  
P. L. Mabry, Committee Member

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door at Town Council Chambers. Meeting notice was also posted on the town website at www.surfsidebeach.org and the marquee.
Sandra,

I'm just the new guy so don't want to rock the boat re meeting agenda items. That said, at some point I would love to have a discussion (or, if already set, a presentation) about what specific goals/objectives our SW Committee wants to prioritize for the next year or two. This topic could include many possibilities including such things as SW project funding stewardship, SW ERU utility fees, implementing biodegradable dog waste bags, resident SW education programs or tours and our role in CRS efforts to enable SB to reach better FEMA ratings (below level 5). Perhaps this topic would be better at a later meeting?

Regards, Ron

-----Original Message-----
From: Sandra Elliott <Sandra.Elliot@surfsidebeach.org>
To: Debra Herrmann <dherrmann@surfsidebeach.org>
Cc: Alan Beck <alan_beck@surfsidebeach.org>; J. Adair <jadair@surfsidebeach.org>; Lisa Swanger <lswanger@coastal.edu>; Micki Fellner <micelliern@surfsidebeach.org>; P. L. Mabry <mabry@surfsidebeach.org>; Ron Mask <ron.mask@surfsidebeach.org>; Susan Libes <susan@coastal.edu>; Tabitha Mull <tabitha.mull@surfsidebeach.org>
Sent: Tue, Jan 2, 2018 9:40 pm
Subject: Re: Template Stormwater Agenda

Looks good to me. Waiting to hear from committee members
Happy New Year to all

Sent from my iPhone

On Jan 2, 2018, at 2:34 PM, Debra Herrmann <dherrmann@surfsidebeach.org> wrote:

A draft agenda is attached. Let me know if anything needs to be changed.

Happy New Year.

Debra
Debra E. Herrmann, CMC, Town Clerk
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