



TOWN OF SURFSIDE BEACH ♦ TOWN COUNCIL CHAMBERS
July 24, 2007 ♦ 5:30 o'clock p.m.

LAKE DREDGING WORKSHOP
MEETING MINUTES

CALL TO ORDER. Mayor Hyman called the workshop to order at 5:30 p.m. and welcomed those in attendance. Mayor Hyman, Mayor Pro Tem Truett, and Councilmembers Hiatt, Tuttle, Martin, McKown, and Samples Tuttle were present. A quorum was present. Staff present: Administrator Booth; Clerk Pinnell; Finance, Hursey and Director of Public Works, Kirk.

Mayor Hyman explained that the workshop was scheduled to discuss the dredging of the lakes in Surfside Beach and Mr. Booth and Mr. Kirk will be making the presentation of our scheduled plan.

DISCUSSION

Mr. Booth stated that we currently have a team that is willing to accomplish things and just now needs some guidance from council as to how to proceed. Mr. Booth stated that he wanted to give an overview of our lakes and some of the problems that have been occurring. Mr. Booth showed photos of Lake Elizabeth and stated that he wanted to place some pressure on the County because he feels that they have some responsibility there. Mr. Booth stated that they have cleaned out a small amount of it and you could see by the photo the clean portion in comparison to what is remaining (the photos showed large amounts of a green film floating on top of the lake). Mr. Booth then showed photos of Floral Lake, which is the lake he has received the most complaints about. Mr. Booth stated that the impact on the public is the least on this lake because there are not as many houses on this lake as there are on the others. Mr. Booth stated that the fountain/aerator in the lake does not operate properly due to the lack of water in the lake. Mr. Booth stated that this should be the number one lake project because it is not currently functional. Mr. Booth then showed photos of Pine Lake. Mr. Kirk stated that this lake is not in as bad of shape as the others and Mr. Samples stated that this lake was dredged or created just a couple years back. Mr. Booth presented a photo of a pond on 6th Avenue South that contained an exposed sewer line which Mr. Booth stated could cause a potential problem if the line were to burst. Mr. Booth stated that they would like to look into filling this pond in. Mr. Samples stated that this was the pond that Earthworks recommended us to build. Mr. Booth stated that the people in this area are complaining about snakes and they would like to see it filled in. Mr. Booth stated that he would look into this further and have the residents sign off on this. There was discussion and it was determined that the sewer line was Grand Strand Water and Sewer and Mr. McKown asked what their opinion was on this exposed line. Mr. Booth stated that he did not know what their thoughts are on this but what he does know is that it cannot be a good situation if a line were to burst and disperse into a pond. Mr. Samples asked if the alternative could be moving the line as opposed to losing stormwater storage. Mr. Booth stated that additional storage would come once the lakes are cleaned out but he would contact Grand Strand Water. Mr. Samples stated that we couldn't have too much storage for this town and where it is located. Mayor Hyman stated that he believes that this is a pond that should not have been created to begin with and would like to see it filled in for safety reasons. Mayor Hyman stated that it would serve the town cost wise much more efficiently if it were used as a park with a gazebo rather than a pond that we would need to maintain. Ms. Tuttle stated that there was a gazebo there prior to this pond being dug and asked whatever happened to that. There was some additional discussion on the pond regarding whether it was needed or not. Mr. Booth stated that he would get the background on all of this and get back to council. Mr. Booth showed a photo of Holly Lake, which showed it being layered with a green algae plant growth. Mr. Booth commented that it was so filled with algae plants that the ducks were able to walk across it. Mr. Booth then showed a photo of Myrtle Lake, which was in the same condition. Some additional photos of the various lakes were presented. Mr. Kirk stated that the six lakes they want to dredge in the near future are Floral, Holly, Myrtle, Palmetto, Magnolia and Cherry. Mr. Booth stated that we still have 600,000 in the budget and would like to go out for bid and take care of a majority of the lakes. Mr. McKown asked where the debris that is dredged from the lakes is hauled off. Mr. Kirk stated that Harbor Lights has requested some of it to be used in their lawn area and McQuiddy has requested some of it also which will remove some of the hauling cost from Surfside. Mr. McKown asked if this was safe to use. Mr. Kirk stated that if it is used in an area

Lake Dredging Workshop
July 24, 2007

57 where it can be aerated then it would be all right to use. It can be used for yards or common areas but
58 cannot be used as structural fill. Mayor Hyman stated that some lakes have diesel fuel in them, which
59 is not a problem Surfside has, and this is why the lake debris in Surfside is not a hazardous material
60 and all of it does not have to be hauled away. Mr. Martin had concerns with using the money we have
61 put aside for Myrtle Basin to dredge the lakes and that we have not finished the Myrtle Basin project
62 yet. Mr. Martin stated that he had concerns regarding the outfall and the work that would still need to
63 be done. Mr. Kirk stated that we are currently in a good position to get grant money and in addition,
64 there is money that has been given to the Army Corp that we will also be receiving. Mr. Martin asked if
65 we were definitely getting this money and Mr. Kirk stated that the Army Corp money we were definitely
66 getting and the grant we would be attempting to get this Fall. Mr. Booth stated that the State is
67 supportive of these types of projects and there is money available so we have a pretty good chance of
68 getting this grant. Mr. Samples stated that he would like to get this in writing. Ms. Tuttle asked if
69 approval from the Corp was necessary prior to us dredging. Mr. Kirk stated that the company will have
70 permitting included in their package and Mr. Kirk stated that there would be no problem in us going
71 ahead with this. Ms. Tuttle stated that Holly Lake has evolved into a wetlands situation and asked if
72 there would be a problem disturbing this. Mr. Kirk stated that he has filed all of this along with the other
73 projects, so the Army Corp already has all of this information. Brian from EnviroDredge stated that all
74 paperwork has been submitted and once they get an approval they would be ready to go. Brian from
75 EnviroDredge indicated that the Army Corp does not come out to inspect, the local DHEC would come
76 out and inspect but they are not requiring it in this case. Brian from EnviroDredge told council that he
77 has attended several meetings with the Army Corp and has performed some extensive legwork on this
78 project. Mr. Samples stated that if the permits from Earthworks would cost us 66,000 dollars how is it
79 that EnviroDredge already has the permitting in place. Brian from EnviroDredge stated that most of the
80 work is done prior to permitting and the only thing left he needed to do was to submit it and he has met
81 with Tommy Fennel from the Army Corp so they are all set to go. He also stated that they would not be
82 charging Surfside consulting fees like an engineering firm would, since they would actually be
83 performing the work, so they incorporate the permit fee into their price. Mr. McKown asked if we have
84 any experience with this company, EnviroDredge and Mr. Kirk stated that we have not but they have a
85 list of references that they will provide to council. Mayor Hyman asked if we were going to get pricing
86 on each individual lake or a price on all of the lakes. Mr. Kirk stated that he would like to get it done all
87 at once but obviously we cannot do this if we can't get the funding. If we can get the money turned over
88 to the lakes then we can get a bulk price. Mr. Kirk stated that this company has been working with the
89 town and consulting with them at no charge. Mr. Kirk stated that most of the companies out there
90 wanted to drain the entire lakes and dredge the bottom and EnviroDredge has a much more efficient
91 way of dredging. Mr. Kirk stated that he had contacted a few companies regarding dredging and never
92 got a call back. Mr. Kirk stated that the best price we can get would be if we could do all of the lakes at
93 once. Ms. Hiatt asked if we still have the 200,000 dollars that we had last August. Ms. Hursey stated
94 that we received 100,000 from Senator Cleary in the competitive grants program last year for pond
95 dredging and muck removal, which we did not spend. It is now deferred revenue and if we choose to
96 spend it we can move it into revenue for this year and in addition, we currently have another 200,000,
97 which is in our current budget to spend for this year. Mr. Samples had a question concerning the
98 information council received, which included two different proposals. Mr. Samples stated that the scope
99 of work in the number of cubic yards being removed varied by 25 percent on these proposals and
100 wanted to know if there is a spec package that we have put together to go out for a competitive bid. Mr.
101 Booth stated that once they received guidance from council they will put together a spec package.

102 EnviroDredge then gave their presentation to council. The presentation included photos of the
103 dredging procedure that this company performs. Brian from EnviroDredge stated that they could come
104 into a town like ours and do a low impact dredging job where all of the materials would go into a bag in
105 an isolated spot; they would then let it de-water for a couple of weeks and then they would come back
106 and cut the bags open, load it into a truck and haul it away. The neighborhood would be kept as clean
107 as possible and at the end of the day they would sweep and clean the roads. In a photo he showed a
108 1,000 cubic yard bag, which he explained was about 200 feet long and about 25 feet across and 4 feet
109 tall once they are loaded. The bags have plastic underneath and they put silk fence along the outside
110 and sometimes hay bails and sometimes they line the entire thing keeping everything inside and
111 sometimes they use an outflow pipe to allow the water to go back and sometimes they use plastic and
112 run it all the way back into the lake; this usually prevents erosion. The bags come in various sizes to be

Lake Dredging Workshop
July 24, 2007

113 used in all types of areas. EnviroDredge stated that every lake would be assessed in how they drain
114 since many lakes drain differently and they would take care of all of these situations individually. If they
115 have to build a temporary spoil/dike system they will. EnviroDredge stated that they would set up the
116 bags to drain directly back into the pond even if they need to create an outflow pipe. Any areas that are
117 effected from their work would be replaced and reseeded.


118 Mr. Samples asked how they calculate the yardage to charge and how they arrived at 3 feet take
119 out. EnviroDredge stated that the price is based on how much debris they pull out of the lakes and the
120 cable will hold the same depth and path. Mr. Kirk stated that they went around the lakes and calculated
121 an average. Mr. Samples and Mr. McKown brought up the fact that some of these lakes were originally
122 Coquina pits, which apparently are worth a lot of money, and Mr. McKown asked what would happen if
123 the company started to dredge and hit Coquina. Mr. Kirk stated that the company would not be
124 dredging down to that level. EnviroDredge stated that the town would "keep the spoil" relative to town
125 property. EnviroDredge stated that they have on staff a professional engineer who would be
126 overseeing the project and their sister company is a stormwater contractor. Mr. Booth stated that an
127 RFP would be put together and stated that they would be asking at the upcoming council meeting for
128 additional funds to proceed with the work on the smaller lakes.

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130 **ADJOURNMENT**

131 Mr. Truett moved to adjourn the workshop meeting at 6:19 p.m. Ms. Hiatt seconded. **All present**
132 **voted in favor. MOTION CARRIED.**


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136 Sharon Pinnell, Town Clerk

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138 Approved: August 14, 2007 
139 Roy Hyman, Jr., Mayor

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141 
142 Rebecca J. Hiatt, Town Council

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144 Joseph P. Martin, Town Council

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146 William M. McKown, Town Council

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148 Douglas F. Samples, Town Council

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150 James S. Truett, Mayor Pro Tem

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152 Judith K. Tuttle, Town Council

153 Clerk's Note: This document constitutes minutes of the meeting, which was audio taped. In accordance with FOIA, meeting notice and the
154 agenda were faxed and/or emailed to local media and interested parties. A complete list is on file in the clerk's office. The agenda was posted
155 on bulletin boards outside council chambers and in the town hall reception area. Meeting notice was also posted on the town marquee.