

# **Carteret County Waterways Management Committee**

Carteret County Commissioners Meeting Room  
302 Courthouse Square, Beaufort NC  
February 15, 2017  
6:00pm

1. Call to Order and Welcome—Chairman John Rouse
2. Town of Beaufort Request for Dredging Funds for Bulkhead Channel  
Kyle Garner – Planning and Inspections Director- Town of Beaufort
3. Waterways Maintenance Prioritization Process  
Patrick Flanagan- Planning Director- ECC COG
4. Other Items of Interest- Waterways Management Committee
5. Adjourn

# TOWN OF BEAUFORT

701 Front Street, P.O. Box 390  
Beaufort, N.C. 28516  
(252) 728-2141, (252) 728-3982 fax  
www.beaufortnc.org

February 7, 2017

Chairman John Rouse  
Waterways Management Committee  
Carteret County  
302 Courthouse Square  
Beaufort, North Carolina 28516

Dear Mr. Rouse:

The Town of Beaufort respectfully request to be on your February 16, 2017 agenda to discuss the County's potential cost participation for the spring (April 1, 2017) dredging of bulkhead channel. This waterway provides a vital and safe route for both commercial and recreational vessels traversing Beaufort Inlet to Gallants Channel, Taylors Creek & Town Creek. Currently this channel is dredged twice a year, once in the fall and once in the spring. Recently the town received the spring estimate to dredge at a cost of \$213,000 (See attached email from the Army Corps of Engineers). Even though the cost share is \$70,000 (33%) the Town is requesting funding through the County and/or the Waterway Management Committee.

In the fall of 2016, the Town contributed the entire cost share of \$40,000 and did not request cost participation from the County. We now ask the County to consider funding the spring dredging. We appreciate the County's participation in past request and hope that you will look favorably on this request.

If you have further questions, please contact me at 252-728-2142 or at [k.garner@beaufortnc.org](mailto:k.garner@beaufortnc.org)

Sincerely;



Kyle Garner, AICP  
Planning Director, Town of Beaufort



Mayor Richard Stanley  
Commissioner Sharon Harker Commissioner Marianna Hollinshed Commissioner John Hagle  
Commissioner Ann Carter Commissioner Charles McDonald  
Town Manager John Day

## Kyle Garner

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**From:** MEDLOCK, James M (Jim) CIV USARMY CESAW (US)  
<James.M.Medlock@usace.army.mil>  
**Sent:** Wednesday, February 01, 2017 4:43 PM  
**To:** Kyle Garner  
**Cc:** Petersen, Joen A CIV USARMY CESAW (US); HORTON, J TODD CIV USARMY CESAW (US); Bullock, Roger D CIV USARMY CESAW (US); Keistler, Robert W CIV CESAW CESAD (US); Faircloth, Adam G CIV USARMY CESAW (US); Sinclair, Daniel A CIV USARMY CESAW (US); Darren England; Hodges, Janet C CIV USARMY CESAW (US)  
**Subject:** RE: [EXTERNAL] Date for Dredging Bulkhead Channel - Cost Estimate Enclosed  
**Attachments:** Murden Bulkhead Channel April 2017.pdf; bulkhead channel - april - 2017 - BH\_01\_BH1\_20170125\_QTY.pdf

Kyle,

Good afternoon. As requested, enclosed is a total estimate of the cost to perform maintenance dredging within the Bulkhead Channel using the MURDEN. Work is tentatively scheduled for the first week in April. The estimate is based on the dredge box shown in the second attachment.

The dredging requirement is based on surveys performed in January 2017.

Our current working cost estimate for this work is \$213,000 for an estimated 8 days of dredging plus mob/demob and crew change days (see enclosed). A prior credit balance on this account has been applied to this estimate.

If you choose to proceed with proposal, please let me know and coordinate with Darren England so that the Corps can receive the funds no later than 3 weeks before the anticipated start of work.

If you need any additional information, please do not hesitate to contact me.

Jim

Jim Medlock  
Shallow Draft Navigation Program Project Manager  
Wilmington District  
US Army Corps of Engineers  
910-251-4836

-----Original Message-----

From: Kyle Garner [<mailto:K.Garner@beaufortnc.org>]  
Sent: Tuesday, January 10, 2017 1:39 PM  
To: MEDLOCK, James M (Jim) CIV USARMY CESAW (US) <[James.M.Medlock@usace.army.mil](mailto:James.M.Medlock@usace.army.mil)>  
Subject: RE: [EXTERNAL] Date for Dredging Bulkhead Channel

Jim,





34°42'51"N

34°42'37"W

**OBSTRUCTIONS**

Obstruction	Coordinates (NAD 83)	Depth (Feet)	Remarks
1	X: 2,687,771 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
2	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
3	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
4	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
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7	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
8	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
9	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
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14	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
15	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
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17	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
18	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
19	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop
20	X: 2,697,781 Y: 3,566,128 LONG: 78° 42' 41.332" W LAT: 34° 42' 15.220" N	10	Rock outcrop

Carrot Island

Range 3

Bulkhead Channel

Range 2A

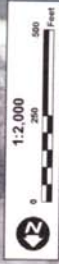
Range 1

Range 2

Range B

"Danger" Rock Jetty

Radio Island



34°42'37"W

34°42'51"N

34°42'51"N

**REFERENCE SURFACE THIS USED FOR ESTIMATED QUANTITY CALCULATION INCLUDE:**

BULKHEAD CH. 11' 197' 2017  
 BULKHEAD CH. 11' 177' 1862' 1718  
 1488 METERS 2017-2018 SURVEY DATA POINTS  
 1488 METERS 2017-2018 SURVEY DATA POINTS  
 1488 METERS 2017-2018 SURVEY DATA POINTS

34°42'37"W



US Army Corps of Engineers  
 Wilmington District  
 NORTH CAROLINA



34°42'37"W

SURVEY DATE: 25 JANUARY 2017	MAPPED BY: KTOPJDM
MAP DATE: 30 JANUARY 2017	PROCESSED BY: KTOPJDM
MAP SCALE: 1:2,000	
MAP DATE: 8 & 29 JANUARY 2017	MAP FILE NAME: BH_01_BH1_2017025_QTYAKD
© 2017 DIGITALGLOBE NEXTVIEW LICENSE	

**HYDROGRAPHIC SURVEY**  
 BULKHEAD CHANNEL  
 Ranges 1 - 2A  
 WILMINGTON, NORTH CAROLINA  
 REALMONT, NORTH CAROLINA

**NOTES:**  
 1. THIS PROJECT WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING REGULATIONS OF THE U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, NORTH CAROLINA.  
 2. THE SURVEY WAS CONDUCTED USING A REAL TIME KINEMATIC (RTK) GPS SYSTEM.  
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 10. THE SURVEY WAS CONDUCTED USING A REAL TIME KINEMATIC (RTK) GPS SYSTEM.

**LEGEND**

**Aids to Navigation**

- Green Light
- Red Light
- White Light
- Green Daymark
- Red Daymark
- White Daymark
- Green Nightmark
- Red Nightmark
- White Nightmark
- Green Lighted Buoy
- Red Lighted Buoy
- White Lighted Buoy
- Green Buoy
- Red Buoy
- White Buoy
- Green Spar
- Red Spar
- White Spar
- Green Stake
- Red Stake
- White Stake
- Green Marker
- Red Marker
- White Marker

**Depth in Feet**

- 4 and Shallower
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## **ECC COG**

**Patrick Flanagan will bring this information  
to the meeting**