

NOTES

PROJECT DIMENSIONS: A channel 6 feet deep and 60 feet wide SOUNDINGS are in feet referred to NOS Mean Low Water and were taken on dates shown.

MEAN LOW WATER (MLW) was determined by interpolating between MEAN-LOW-DIFFERENTIALS of Pig Point, Nansmond River Entrance and Old Nix Clubhouse Site, Nansmond River, based on National Ocean Service (NOS) tide observations (see diagram for values).

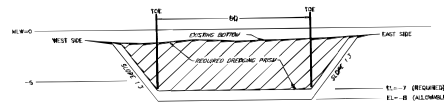
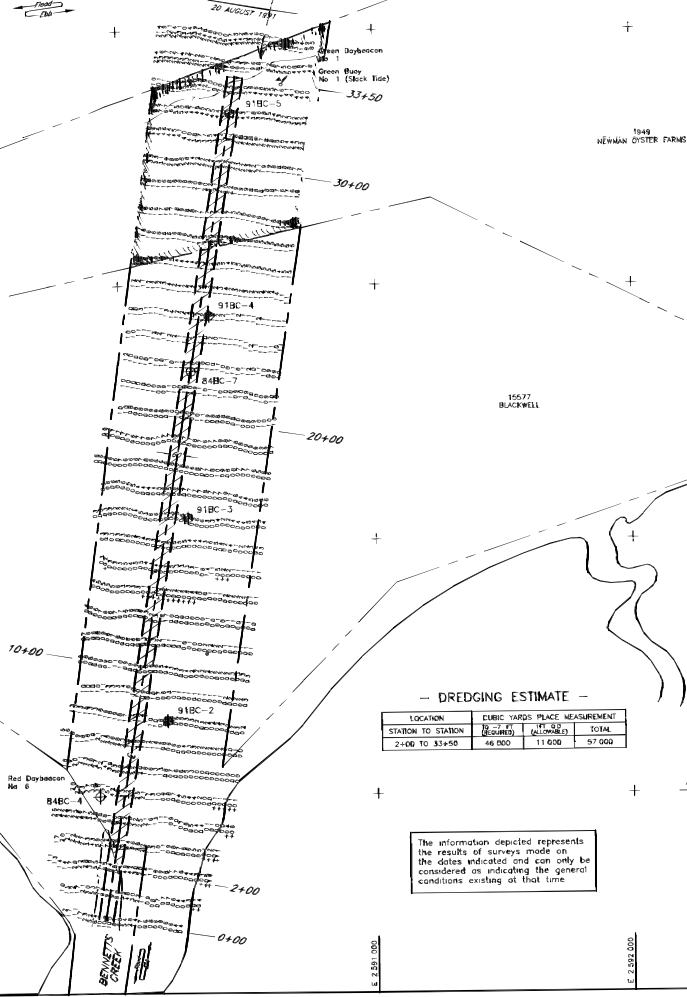
MEAN RANGE OF TIDE: 2.8 feet at Pig Point and 3.0 feet at Old Nix Clubhouse based on NOS observations.

COORDINATES are in feet referred to Virginia State Grid (south zone) and are based on North American Datum of 1927 (NAD27).

SHORELINE FEATURES are approximate and were developed from aerial photography flown during May 1988.

OYSTER GROUND limits were provided by Virginia Marine Resources Commission.

NANSEMOND RIVER



TYPICAL SECTION SHOWING REQUIRED DREDGING PRISM, SIDE SLOPES AND OVERDEPTH (NOT TO SCALE)

PUBLIC GROUND No 2 NANSEMOND COUNTY

COORDINATES OF HORIZONTAL CONTROL POINTS			
STATION	NORTH (X)	EAST (Y)	
EE UPHYS 1984	211,188.74	2,589,514.72	
USC & GS MOND 1932	214,679.64	2,603,889.63	

CENTERLINE COORDINATES			
STATION	NORTH (Y)	EAST (X)	
0+00	294,510.00	2,589,332.70	
33+50	297,917.24	2,590,468.29	

DREDGING ESTIMATE

LOCATION	CUBIC YARDS PLACE MEASUREMENT		
STATION TO STATION	BEFORE	AFTER	TOTAL
2+00 TO 33+50	46,000	11,600	57,600

- LEGEND**
- ////// WITHIN THIS AREA THE REMOVAL OF ALL MATERIAL TO A DEPTH OF 7 FEET BELOW MEAN LOW WATER IS REQUIRED. ONE ADDITIONAL FT. OF DEPTH WILL BE ALLOWED.
 - LIMITS OF PRIVATE OYSTER GROUNDS
 - LIMITS OF PUBLIC OYSTER GROUNDS
 - ◆ DENOTES APPROXIMATE LOCATION OF GRAB SAMPLE
 - ⊕ DENOTES APPROXIMATE LOCATION OF PUSH PROBE

The information depicted represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

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WATERWAY SURVEYS & ENGINEERING, LTD VIRGINIA BEACH, VIRGINIA	DEPARTMENT OF THE ARMY NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA
BENNETTS CREEK PLANS FOR DREDGING SURVEY OF AUGUST 1991	
SUBMITTED BY: J. L. LITTLE, JR. CHECKED BY: J. B. W.	APPROVED BY: [Signature] DATE: 16 OCT 91
SCALE: 1" = 200' SHEET 1 OF 2	FILE NO: M-11-17-07(1)