

Shallow Draft Dredging Activities

Michael L. Anderson, PE and

Douglas H. Stamper, PE

Norfolk District

North Atlantic Division

18 January 2011



®

US Army Corps of Engineers
BUILDING STRONG®



Norfolk District Dredging Projects

OVERVIEW



Norfolk District FY-12 Dredging Program

SCHEDULE OF PROJECTS

Special Purpose Dredge Currituck	2011		FY-2012											2013
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Chincoteague Inlet								50K						
Lynnhaven Inlet					30K							30K		
Tangier Channels					80K									
Rudee Inlet				20K			20K						20K	



Chincoteague Inlet

- Project Depth:
12'
- Estimated Quantity:
50,000 cy
- Material Type:
Course-grained,
Maintenance
- Dredge Type:
Special Purpose
- Advertisement Date:
N/A
- Bid Opening Date:
N/A
- Seasonal Restrictions:
None



Project Manager: (757) 201-7616



Lynnhaven Inlet

- Project Depth:
10'
- Estimated Quantity:
60,000 cy
- Material Type:
Course-grained,
Maintenance
- Dredge Type:
Special Purpose
- Advertisement Date:
N/A
- Bid Opening Date:
N/A



Project Manager: (757) 201-7257



Rudee Inlet

- Project Depth:
7' – 18'
- Estimated Quantity:
60,000 cy
- Material Type:
Course-grained,
Maintenance
- Dredge Type:
Special Purpose
- Advertisement Date:
N/A
- Bid Opening Date:
N/A
- Seasonal Restrictions:
None



Project Manager: (757) 201-7257



5-Year Dredging Schedule

Potential Special Purpose Dredge Projects			FY-2012				FY-2013				FY-2014				FY-2015				FY-2016							
	CY	Placement Site	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th				
<i>Rudee Inlet</i>	60K	Beach Nourishment																								
<i>Lynnhaven Inlet</i>	100K	Beach Nourishment																								
<i>Tylers Beach</i>	100K	Upland																								
<i>Cape Charles City Harbor</i>		Upland and Beach Nourishment																								
<i>Chincoteague Bay, Greenbackville</i>		Upland																								
<i>Greenvale Creek</i>	20K	Beach Nourishment																								
<i>Hoskins Creek</i>		Upland																								
<i>Onancock River</i>	125K	Overboard and Upland																								
<i>Oyster Channel</i>		Upland																								
<i>Queens Creek</i>		Beach Nourishment																								
<i>WCV Wachapreague</i>		Overboard																								

These projects are not funded in FY12, however, have very active local sponsors.



Discussion Points

- Mathews RSM
- Shallow Draft Navigation Pilot Projects
 - ▶ Horn Harbor
 - ▶ Queens Creek
- What is maximum depth of dredging capability?
- FY12 \$30M O&M Remaining Items

