

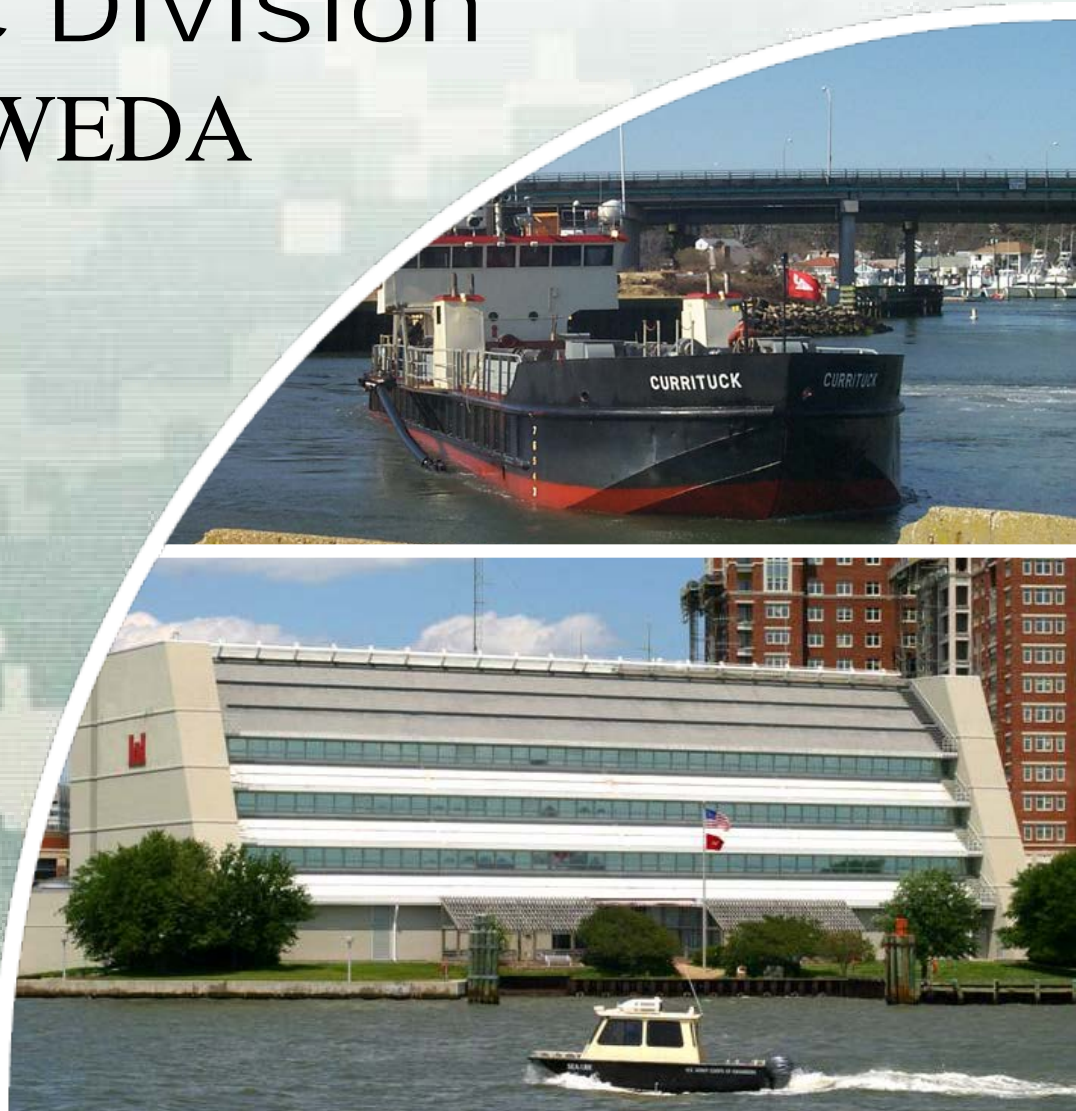
# Norfolk District North Atlantic Division Eastern Chapter of WEDA Fall Conference

October 9, 2012

Stephen J. Powell, P.E.  
(757) 201-7788



US Army Corps of Engineers  
**BUILDING STRONG®**



- **5-Year Dredging Schedule (By dredge type)**

























- Hydraulic Pipeline
- Hydraulic Pipeline Shallow Draft
- Hopper
- Mechanical
- Special Purpose


- **FY 13 Dredging Projects (By dredge type)**


- Hydraulic Pipeline
- Hopper
- Mechanical
- Special Purpose



# 5-Year Dredging Schedule

| Hydraulic Pipeline Dredge Projects             |       |                      | FY-2013   |   |   |   | FY-2014   |                 |   |   | FY-2015         |   |                 |   | FY-2016   |   |                 |   | FY-2017   |                 |                 |   |
|--|-------|----------------------|---|---|---|---|---|-----------------|---|---|-----------------|---|-----------------|---|---|---|-----------------|---|---|-----------------|-----------------|---|
|  | CY    | Placement Site       | 1 <sup>st</sup>   | 2 <sup>nd</sup>   | 3 <sup>rd</sup>   | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup> | 3 <sup>rd</sup>   | 4 <sup>th</sup>   | 1 <sup>st</sup> | 2 <sup>nd</sup>   | 3 <sup>rd</sup> | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup>   | 3 <sup>rd</sup> | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup>   |
| Norfolk Harbor, Channel to Newport News        | 250K  | Craney Island        |   |  |   |   |   |                 |   |   |                 |   |                 |   |   |   |                 |  |   |                 |                 |   |
| Norfolk Harbor, Craney Island Reach            | 650K  | Craney Island        |  |   |   |   |   |                 |   |   |                 |    |                 |   |   |  |                 |   |   |                 |                 |  |
| Norfolk Harbor, Craney Island ReHandling Basin | 1000K | Craney Island Upland |   |  |   |   |   |                 |  |   |                 |   |                 |  |   |   |                 |   |  |                 |                 |   |
| James River IDIQ                               | 500K  | Overboard and Upland |  |   |   |  |   |                 |   |  |                 |   |                 |  |   |   |                 |  |   |                 |                 |  |
| Tangier Channel                                | 75K   | Beach Nourishment    |   |   |   |   |   |                 |   |   |                 |   |                 |   |  |   |                 |   |   |                 |                 |   |
| Tyler's Beach                                  | 20K   | Upland               |   |   |   |  |   |                 |   |   |                 |   |                 |   |   |   |                 |   |   |                 |                 |   |
| Chincoteague Channel                           | 50K   | Overboard            |   |   |   |   |   |                 |   |   |                 |    |                 |   |   |   |                 |   |   |                 |                 |   |
| Chincoteague Harbor of Refuge                  | 10K   | Upland               |   |   |   |   |   |                 |   |   |                 |    |                 |   |   |   |                 |   |   |                 |                 |   |
| AIWW Dismal Swamp Canal, Feeder Ditch          | 65K   | Upland               |   |   |   |   |   |                 |   |   |                 |  |                 |   |   |   |                 |   |   |                 |                 |   |
| Skiffes Creek                                  | 500K  | Upland               |   |   |   |   |  |                 |   |   |                 |   |                 |   |   |   |                 |   |   |                 |                 |   |
| WCV (Wachapreague)                             | 50K   | Overboard            |   |   |  |   |   |                 |   |   |                 |   |                 |   |   |   |                 |   |   |                 |                 |   |

 = Navigation O&M Deep Draft

 = Navigation O&M Shallow Draft



# 5-Year Dredging Schedule










| Hydraulic Pipeline Dredge Projects      |      |                              | FY-2013         |                 |                 |                 | FY-2014         |                 |                 |                 | FY-2015         |                 |                 |                 | FY-2016         |                 |                 |                 | FY-2017         |                 |                 |                 |
|---|------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|   | CY   | Placement Site               | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> |
| <i>Rudee Inlet*</i>                     | 60K  | Beach Nourishment            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Lynnhaven Inlet*</i>                 | 100K | Beach Nourishment            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Broad Creek</i>                      | 40K  | Upland                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Cape Charles City Harbor</i>         | 100K | Upland and Beach Nourishment |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Chincoteague Bay, Greenbackville</i> | 20K  | Upland                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Horn Harbor</i>                      | 20K  | Beach Nourishment            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Hoskins Creek</i>                    | 65K  | Upland                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Onancock River*</i>                  | 125K | Overboard and Upland         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Oyster Channel</i>                   | 30K  | Upland                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Queens Creek</i>                     | 30K  | Beach Nourishment            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <i>Quinby Creek</i>                     | 70K  | Overboard                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |

*These projects are not funded in FY13; however, they have very active local sponsors.*

\* Also Dredged by USACE Dredge Plant



# 5-Year Dredging Schedule

| Hopper Dredge Projects              |       |                    | FY-2013         |   |                 |                 | FY-2014  |                 |                 |   | FY-2015         |   |   |                 | FY-2016         |                 |                 |   | FY-2017         |                 |                 |                 |
|-------------------------------------|-------|--------------------|-----------------|---|-----------------|-----------------|--|-----------------|-----------------|---|-----------------|---|---|-----------------|-----------------|-----------------|-----------------|---|-----------------|-----------------|-----------------|-----------------|
|                                     | CY    | Placement Site     | 1 <sup>st</sup> | 2 <sup>nd</sup>   | 3 <sup>rd</sup> | 4 <sup>th</sup> | 1 <sup>st</sup>  | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup>   | 1 <sup>st</sup> | 2 <sup>nd</sup>   | 3 <sup>rd</sup>   | 4 <sup>th</sup> | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup>   | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> |
| Atlantic Ocean Channel              | 425K  | Dam Neck           |                 |   |                 |                 |  |                 |                 |   |                 |   |   |                 |                 |                 |                 |   |                 |                 |                 |                 |
| Thimble Shoal Channel               | 400K  | Dam Neck           |                 |  |                 |                 |  |                 |                 |   |                 |  |   |                 |                 |                 |                 |   |                 |                 |                 |                 |
| York River Entrance Channel         | 250K  | Wolftrap Overboard |                 |   |                 |                 |  |                 |                 |   |                 |   |  |                 |                 |                 |                 |   |                 |                 |                 |                 |
| Chincoteague Inlet                  | 100K  | Overboard          |                 |   |                 |                 |  |                 |                 |  |                 |   |   |                 |                 |                 |                 |  |                 |                 |                 |                 |
| Craney Island Eastward Expansion    | 1200K | Overboard          |                 |  |                 |                 |  |                 |                 |   |                 |   |   |                 |                 |                 |                 |   |                 |                 |                 |                 |
| Virginia Beach Hurricane Protection | 1250K | Beach Nourishment  |                 |  |                 |                 |  |                 |                 |   |                 |   |   |                 |                 |                 |                 |   |                 |                 |                 |                 |
| Sandbridge Beach Re-Nourishment     | 2000K | Beach Nourishment  |                 |  |                 |                 |  |                 |                 |   |                 |   |   |                 |                 |                 |                 |   |                 |                 |                 |                 |



= Navigation O&M Deep Draft



= Placement Area Construction








= Navigation O&M Shallow Draft



= Beach Nourishment or Re-Nourishment









































# 5-Year Dredging Schedule

| Mechanical Dredge Projects      |      |                | FY-2013         |                 |                 |   | FY-2014   |                 |                 |   | FY-2015   |                 |                 |                 | FY-2016         |                 |                 |                 | FY-2017         |   |                 |                 |
|---------------------------------|------|----------------|-----------------|-----------------|-----------------|---|---|-----------------|-----------------|---|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---|-----------------|-----------------|
|                                 | CY   | Placement Site | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> | 1 <sup>st</sup> | 2 <sup>nd</sup>   | 3 <sup>rd</sup> | 4 <sup>th</sup> |
| Norfolk Harbor, Southern Branch | 300K | Craney Island  |                 |                 |                 |   |   |                 |                 |  |   |                 |                 |                 |                 |                 |                 |                 |                 |   |                 |                 |
| Appomattox River                | 400K | Upland         |                 |                 |                 |   |   |                 |                 |   |   |                 |                 |                 |                 |                 |                 |                 |                 |  |                 |                 |
| Bennett Creek                   | 25K  | Craney Island  |                 |                 |                 |  |   |                 |                 |   |   |                 |                 |                 |                 |                 |                 |                 |                 |   |                 |                 |
| Pagan River                     | 50K  | Craney Island  |                 |                 |                 |   |   |                 |                 |   |  |                 |                 |                 |                 |                 |                 |                 |                 |   |                 |                 |
| NOAA MOC - Atlantic             | 130K | Craney Island  |                 |                 |                 |   |  |                 |                 |   |   |                 |                 |                 |                 |                 |                 |                 |                 |   |                 |                 |



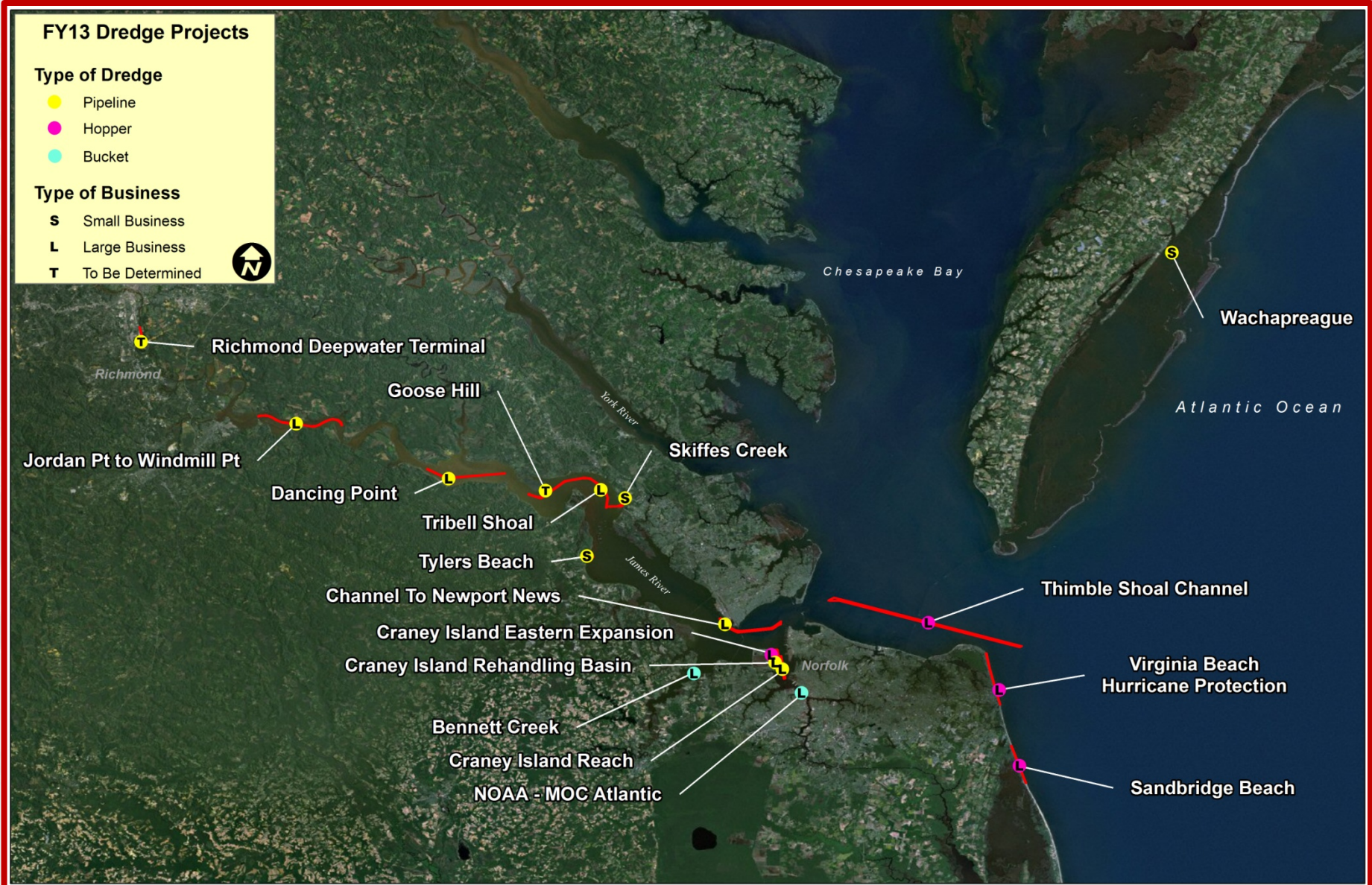
# 5-Year Dredging Schedule

| Special Purpose Corps<br>Dredges Currituck and<br>Murden |     |                   | FY-2013   |   |  |   | FY-2014   |  |   |   | FY-2015   |   |   |   | FY-2016   |   |   |   | FY-2017   |   |   |   |
|--|-----|-------------------|---|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | CY  | Placement<br>Site | 1 <sup>st</sup>   | 2 <sup>nd</sup>   | 3 <sup>rd</sup>  | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup>  | 3 <sup>rd</sup>   | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup>   | 3 <sup>rd</sup>   | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup>   | 3 <sup>rd</sup>   | 4 <sup>th</sup>   | 1 <sup>st</sup>   | 2 <sup>nd</sup>   | 3 <sup>rd</sup>   | 4 <sup>th</sup>   |
| Rudee Inlet  | 20K | Overboard         |  |  |  |   |  |  |   |   |  |  |   |   |  |  |   |   |  |  |   |   |
| Lynnhaven Inlet  | 30K | Overboard         |   |  |  |   |  |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |
| Chincoteague Inlet                                       | 50K | Overboard         |  |  |  |  |  |   |   |  |  |  |   |  |  |  |   |  |  |  |   |  |
| Bennett Creek  | 10K | Craney Island     |   |   |  |   |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |  |
| Pagan River  | 10K | Craney island     |   |   |  |   |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |
| Onancock River   | 30K | Overboard         |   |   |  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Tangier Channel  | 15K | Overboard         |   |   |  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |





# Norfolk District FY-13 Dredging Projects





# Norfolk District FY-13 Dredging Program

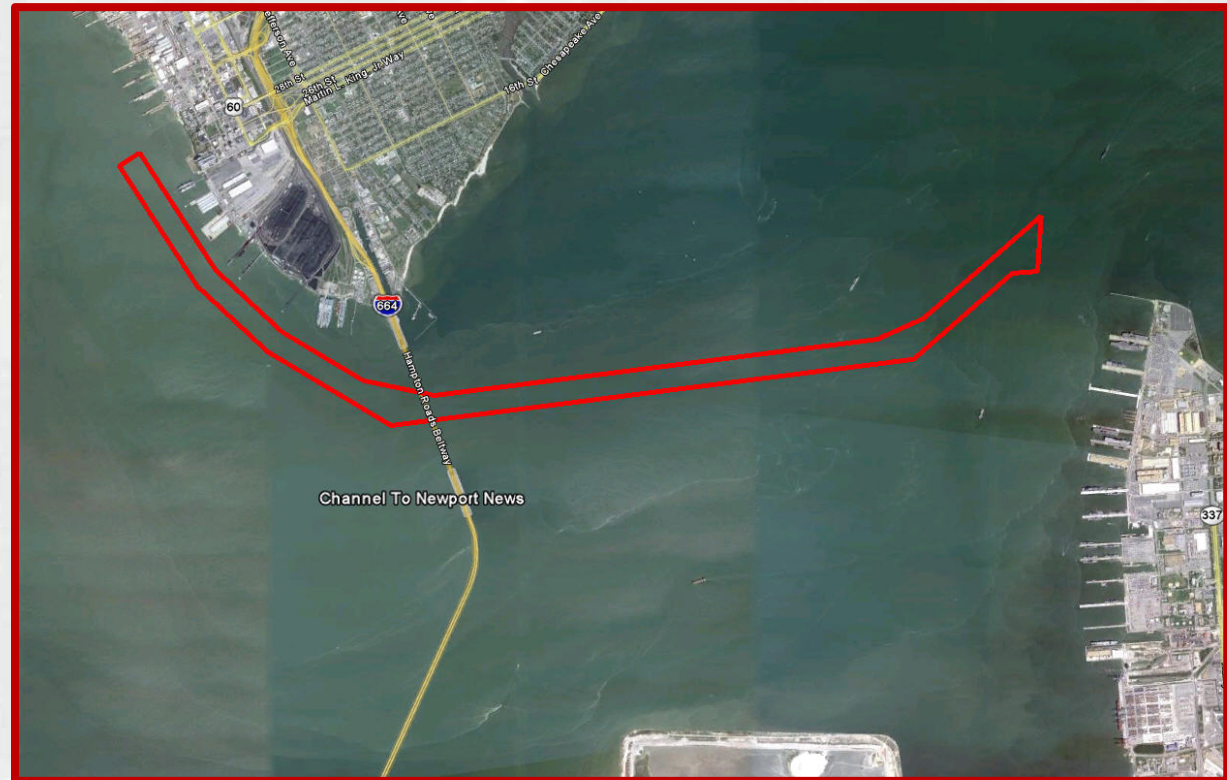
## *SCHEDULE OF PROJECTS*

Time-of-Year Restriction

| Hydraulic Pipeline<br>Dredge Projects              | 2012 | FY-2013 |      |      |        |     |                 |     |     |      |     |      |     | 2014 |
|--|------|---------|------|------|--------|-----|-----------------|-----|-----|------|-----|------|-----|------|
|  | Sep  | Oct     | Nov  | Dec  | Jan    | Feb | Mar             | Apr | May | Jun  | Jul | Aug  | Sep | Oct  |
| Norfolk Harbor, Channel to Newport News            |      |         | 170K |      |        |     |                 |     |     |      |     |      |     |      |
| Norfolk Harbor Reach &<br>Craney Island Reach      |      |         |      | 360K |        |     |                 |     |     |      |     |      |     |      |
| Norfolk Harbor, Craney Island<br>Re-Handling Basin |      |         |      |      | 1,000K |     |                 |     |     |      |     |      |     |      |
| James River, Dancing Point-Swann Point             | 250K |         |      |      |        |     | Anadromous Fish |     |     | 250K |     |      |     |      |
| James River, Tribell Shoal                         |      |         |      |      | 100K   |     | Anadromous Fish |     |     |      |     |      |     |      |
| James River, Jordan Point –Windmill Point          |      |         | 135K |      |        |     | Anadromous Fish |     |     |      |     |      |     |      |
| James River, Goose Hill                            |      |         |      |      |        |     | Anadromous Fish |     |     |      |     | 150K |     |      |
| James River, Richmond Deepwater<br>Terminal        |      |         |      |      |        |     | Anadromous Fish |     |     |      |     |      |     | 150K |
| Tyler's Beach                                      |      |         |      |      |        |     | Anadromous Fish |     |     |      |     |      |     | 25K  |
| Skiffes Creek                                      |      |         |      |      |        |     | Anadromous Fish |     |     |      |     |      |     | 500K |
| WCV (Wachapreague)                                 |      |         |      |      |        |     | 50K             |     |     |      |     |      |     |      |

# Channel to Newport News

- **Project Depth:**  
50'
- **Estimated Quantity:**  
170,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Award Date:**  
30 September 2012
- **Seasonal Restrictions:**  
None

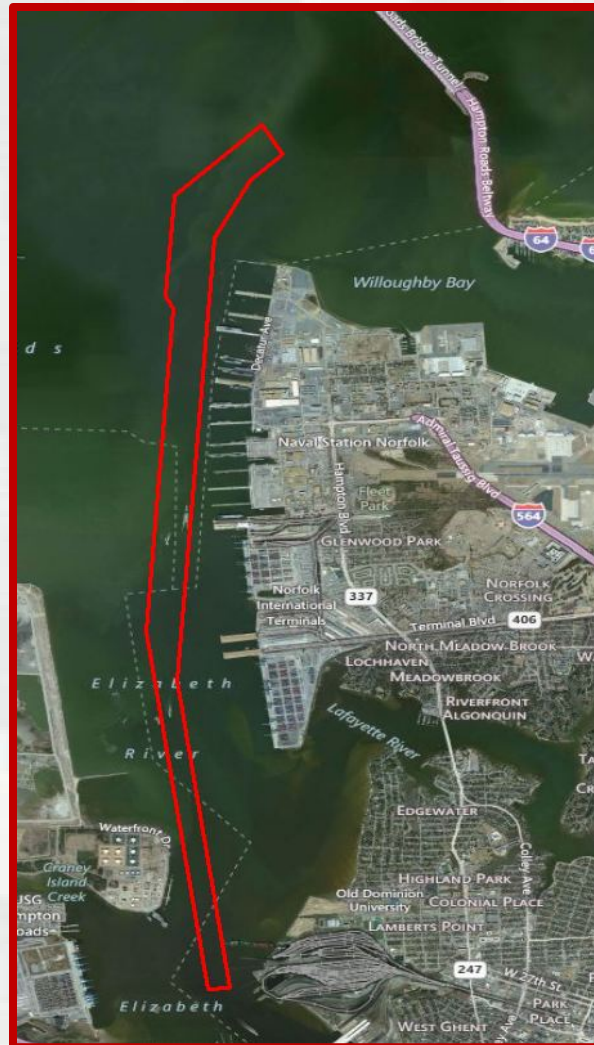


Project Manager: (757) 201-7788



# Norfolk Harbor and Craney Island Reach

- **Project Depth:**  
50'
- **Estimated Quantity:**  
360,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Award Date:**  
30 September 2012
- **Seasonal Restrictions:**  
None



Project Manager: (757) 201-7788



# Norfolk Harbor Craney Island Rehandling Basin

- Project Depth:  
18' to 30'
- Estimated Quantity:  
1,000,000 cy
- Material Type:  
Course and  
Fine-grained,  
Maintenance
- Dredge Type:  
Pipeline
- Advertisement Date:  
2 November 2012
- Bid Opening Date:  
4 December 2012
- Seasonal Restrictions:  
None



Project Manager: (757) 201-7584





# James River

## Dancing Point – Swann Point Shoal

- **Project Depth:**  
25'
- **Estimated Quantity:**  
250,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Advertisement Date:**  
N/A (Task Order 3)
- **Bid Opening Date:**  
N/A (Task Order 3)
- **Seasonal Restrictions:**  
15 February –  
30 June



Project Manager: (757) 201-7715

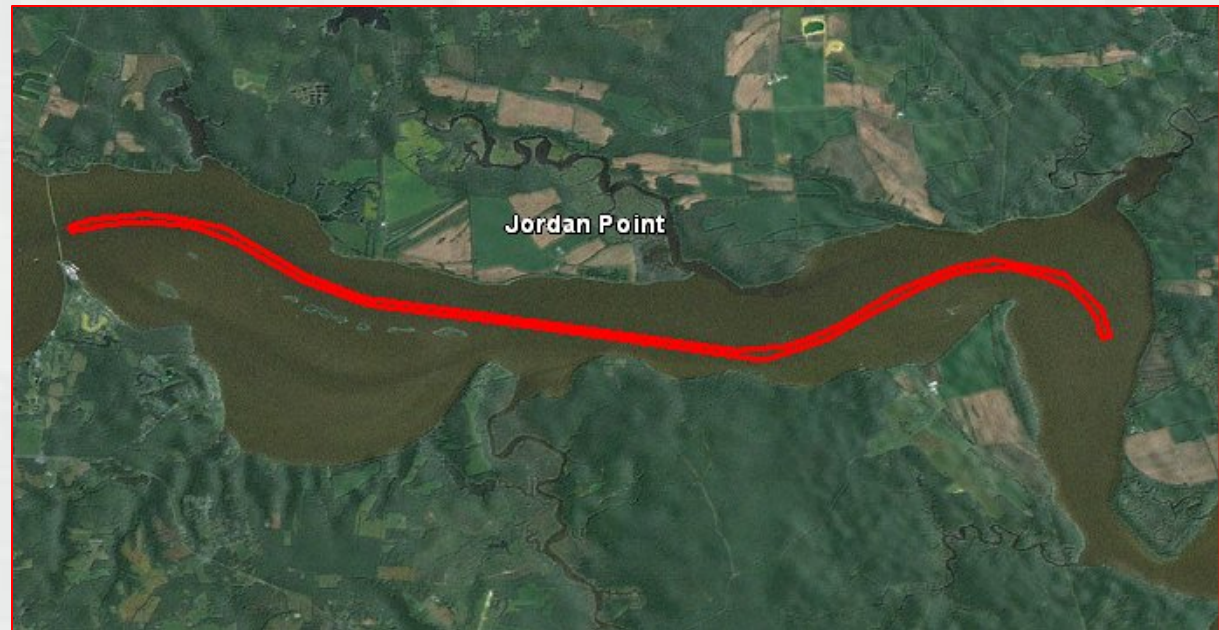




# James River

## Jordan Point – Windmill Point

- Project Depth:  
25'
- Estimated Quantity:  
135,000 cy
- Material Type:  
Fine-grained,  
Maintenance
- Dredge Type:  
Pipeline
- Advertisement Date:  
N/A (Task Order 3)
- Bid Opening Date:  
N/A (Task Order 3)
- Seasonal Restrictions:  
15 February –  
30 June



Project Manager: (757) 201-7715



# James River Tribell Shoal Channel

- **Project Depth:**  
25'
- **Estimated Quantity:**  
100,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Advertisement Date:**  
N/A (Task Order 3)
- **Bid Opening Date:**  
N/A (Task Order 3)
- **Seasonal Restrictions:**  
15 February –  
15 June



Project Manager: (757) 201-7715



# James River

## Dancing Point – Swann Point Shoal

- Project Depth:  
25'
- Estimated Quantity:  
250,000 cy
- Material Type:  
Fine-grained,  
Maintenance
- Dredge Type:  
Pipeline
- Advertisement Date:  
16 April 2013
- Bid Opening Date:  
18 May 2013
- Seasonal Restrictions:  
15 February –  
30 June



Project Manager: (757) 201-7715





# James River Goose Hill Shoal

- **Project Depth:**  
**25'**
- **Estimated Quantity:**  
**150,000 cy**
- **Material Type:**  
**Fine-grained,  
Maintenance**
- **Dredge Type:**  
**Pipeline**
- **Advertisement Date:**  
**16 April 2013**
- **Bid Opening Date:**  
**18 May 2013**
- **Seasonal Restrictions:**  
**15 February –  
30 June**



Project Manager: (757) 201-7715



# James River

## Richmond Deepwater Terminal

- **Project Depth:**  
25'
- **Estimated Quantity:**  
160,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Advertisement Date:**  
16 April 2013
- **Bid Opening Date:**  
18 May 2013
- **Seasonal Restrictions:**  
15 February –  
30 June



Project Manager: (757) 201-7715





# WCV - Wachapreague

- **Project Depth:**  
6'
- **Estimated Quantity:**  
50,000 cy
- **Material Type:**  
Coarse & Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Advertisement Date:**  
3 January 2013
- **Bid Opening Date:**  
5 February 2013
- **Seasonal Restrictions:**  
None



Project Manager: (757) 201-7041



# Tylers Beach

- **Project Depth:**  
6'
- **Estimated Quantity:**  
25,000 cy
- **Material Type:**  
Coarse & Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Advertisement Date:**  
5 August 2013
- **Bid Opening Date:**  
6 September 2013
- **Seasonal Restrictions:**  
15 February –  
15 June



Project Manager: (757) 201-7861



# Skiffes Creek

- **Project Depth:**  
11' to 20'
- **Estimated Quantity:**  
500,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance
- **Dredge Type:**  
Pipeline
- **Advertisement Date:**  
11 June 2013
- **Bid Opening Date:**  
11 July 2013
- **Seasonal Restrictions:**  
15 February –  
15 June

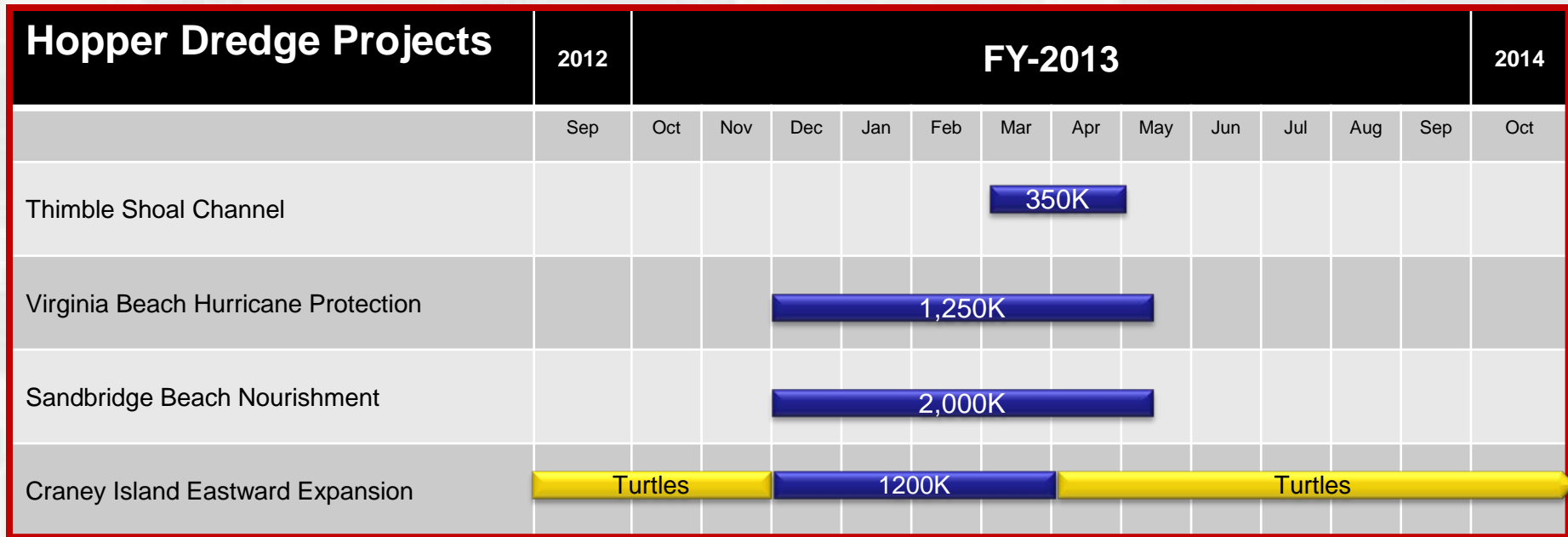


Project Manager: (757) 201-7041



# Norfolk District FY-13 Dredging Program

## *SCHEDULE OF PROJECTS*





# Thimble Shoal Channel

- Project Depth:  
50'
- Estimated Quantity:  
350,000 cy
- Material Type:  
Fine-grained,  
Maintenance
- Dredge Type:  
Hopper
- Advertisement Date:  
4 December 2012
- Bid Opening Date:  
3 January 2013
- Seasonal Restrictions:  
None



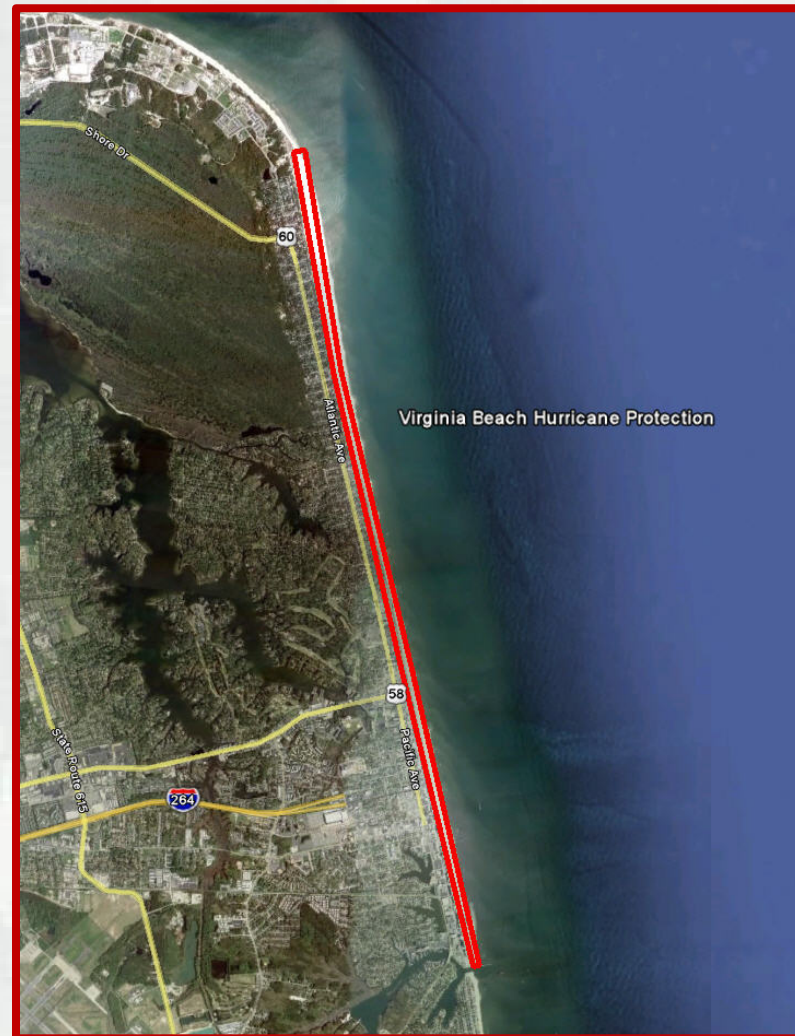
Project Manager: (757) 201-7788





# Virginia Beach Hurricane Protection

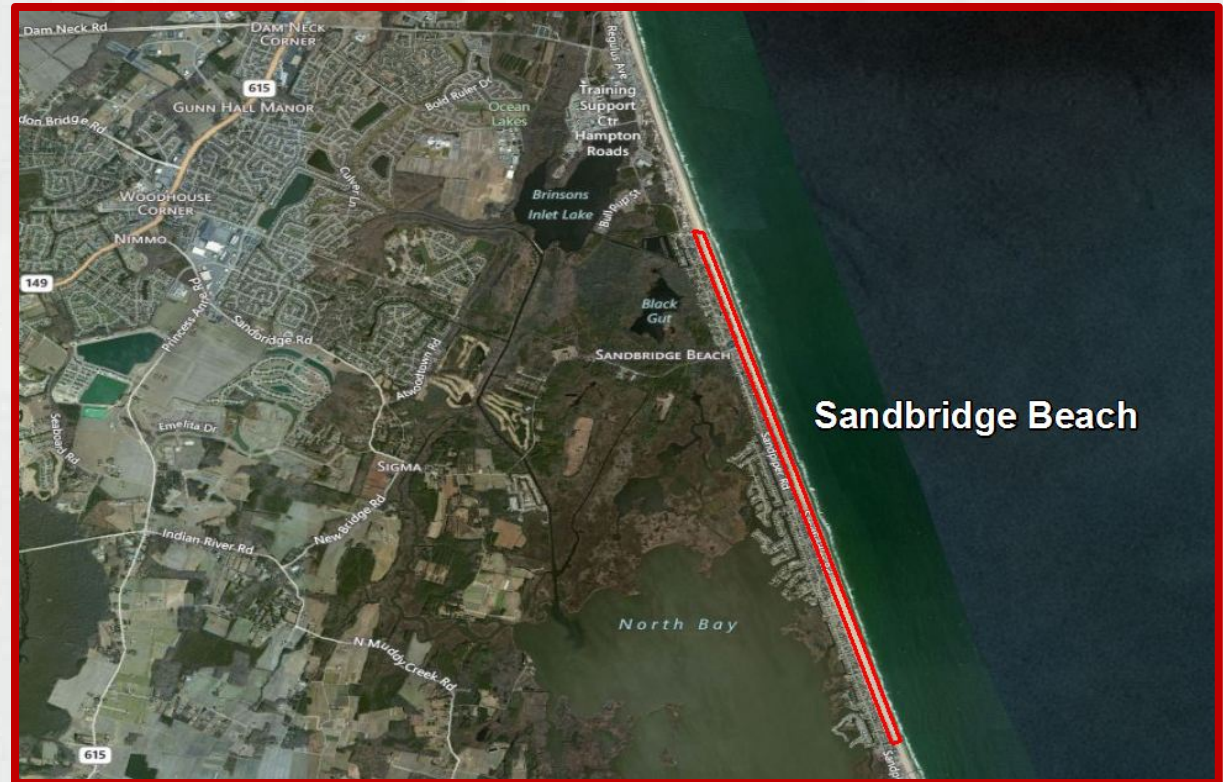
- Project Depth:  
N/A'
- Estimated Quantity:  
1,250,000 cy
- Material Type:  
Coarse-grained,  
New Work
- Dredge Type:  
Hopper
- Award Date:  
27 August 2012
- Seasonal Restrictions:  
None



Project Manager: (757) 201-7704

# Sandbridge Beach Nourishment

- **Project Depth:**  
N/A'
- **Estimated Quantity:**  
2,000,000 cy
- **Material Type:**  
Coarse-grained,  
New Work
- **Dredge Type:**  
Hopper
- **Advertisement Date:**  
25 August 2012
- **Bid Opening Date:**  
24 September 2012
- **Seasonal Restrictions:**  
None



Project Manager: (757) 201-7704



# Craney Island Eastward Expansion

- **Project Depth:**  
TBD
- **Estimated Quantity:**  
1,400,000 cy
- **Material Type:**  
Course-grained,  
New Work
- **Dredge Type:**  
Hopper
- **Award Date:**  
8 August 2012
- **Seasonal Restrictions:**  
1 April –  
30 November



Project Manager: (757) 201-7584





# Norfolk District FY-13 Dredging Program

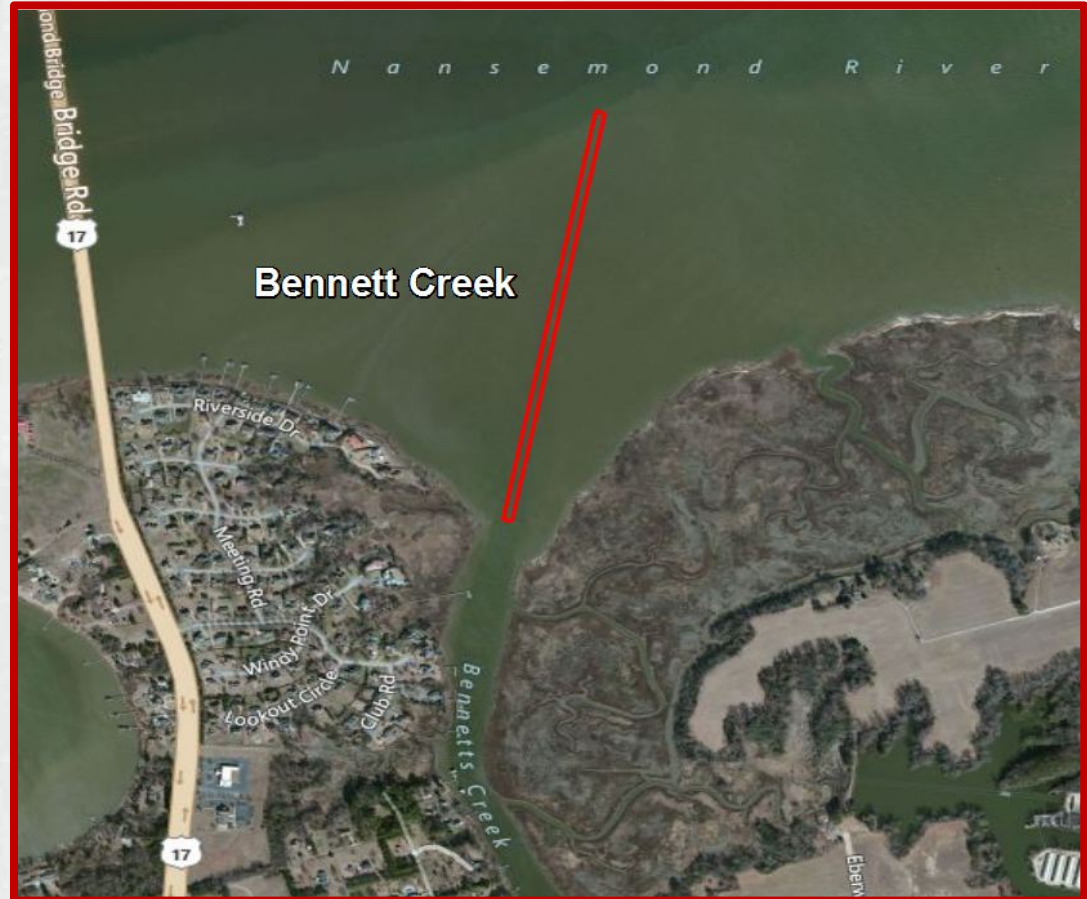
## *SCHEDULE OF PROJECTS*

| Mechanical Dredge Projects | 2012 | FY-2013 |     |     |     |     |     |     |     |     |     |      |     | 2014 |
|----------------------------|------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|
|                            | Sep  | Oct     | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug  | Sep | Oct  |
| Bennett Creek              |      |         |     |     |     |     |     | 26K |     |     |     |      |     |      |
| NOAA MOC - Atlantic        |      |         |     |     |     |     |     |     |     |     |     | 130K |     |      |



# Bennett Creek

- **Project Depth:**  
6'
- **Estimated Quantity:**  
26,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance
- **Dredge Type:**  
Mechanical
- **Advertisement Date:**  
25 January 2013
- **Bid Opening Date:**  
26 February 2013
- **Seasonal Restrictions:**  
None



Project Manager: (757) 201-7063





# NOAA MOC - Atlantic

- **Project Depth:**  
25'
- **Estimated Quantity:**  
130,000 cy
- **Material Type:**  
Fine-grained,  
Maintenance and  
New Work
- **Dredge Type:**  
Mechanical
- **Advertisement Date:**  
11 June 2013
- **Bid Opening Date:**  
11 July 2013
- **Seasonal Restrictions:**  
None



Project Manager: (757) 201-7323





# Norfolk District FY13 Dredging Projects

## *SPECIAL PURPOSE PROJECTS*



# Norfolk District FY-13 Dredging Program

## *SCHEDULE OF PROJECTS*

| Special Purpose Dredge<br>Currituck and Murden | 2012 | FY-2013 |     |     |     |     |     |                 |       |     |     |     |     | 2014 |
|--|------|---------|-----|-----|-----|-----|-----|-----------------|-------|-----|-----|-----|-----|------|
|  | Sep  | Oct     | Nov | Dec | Jan | Feb | Mar | Apr             | May   | Jun | Jul | Aug | Sep | Oct  |
| Chincoteague Inlet                             | 50K  |         |     | 50K |     |     | 50K |                 |       |     |     |     | 50K |      |
| Lynnhaven Inlet                                | 30K  |         |     |     | 30K |     |     | Summer Flounder |       |     | 30K |     |     |      |
| Onancock River                                 |      |         |     |     |     |     |     |                 |       |     |     |     |     |      |
| Rudee Inlet                                    |      | 20K     |     |     |     | 20K |     |                 |       |     |     |     |     |      |
| Tangier Channel                                |      |         |     |     |     |     |     | 15K             | Crabs |     |     |     |     |      |

Time-of-Year Restriction



# 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) 201-7257





# 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
- **Seasonal Restrictions:**  
1 April – 30 June



Project Manager: (757) 201-7257



# Tangier Channel

- **Project Depth:**  
7' to 8'
- **Estimated Quantity:**  
15,000 cy
- **Material Type:**  
Course-grained,  
Maintenance
- **Dredge Type:**  
Special Purpose
- **Advertisement Date:**  
N/A
- **Bid Opening Date:**  
N/A
- **Seasonal Restrictions:**  
1 May – 30 September



Project Manager: (757) 201-7063





# Rudee Inlet

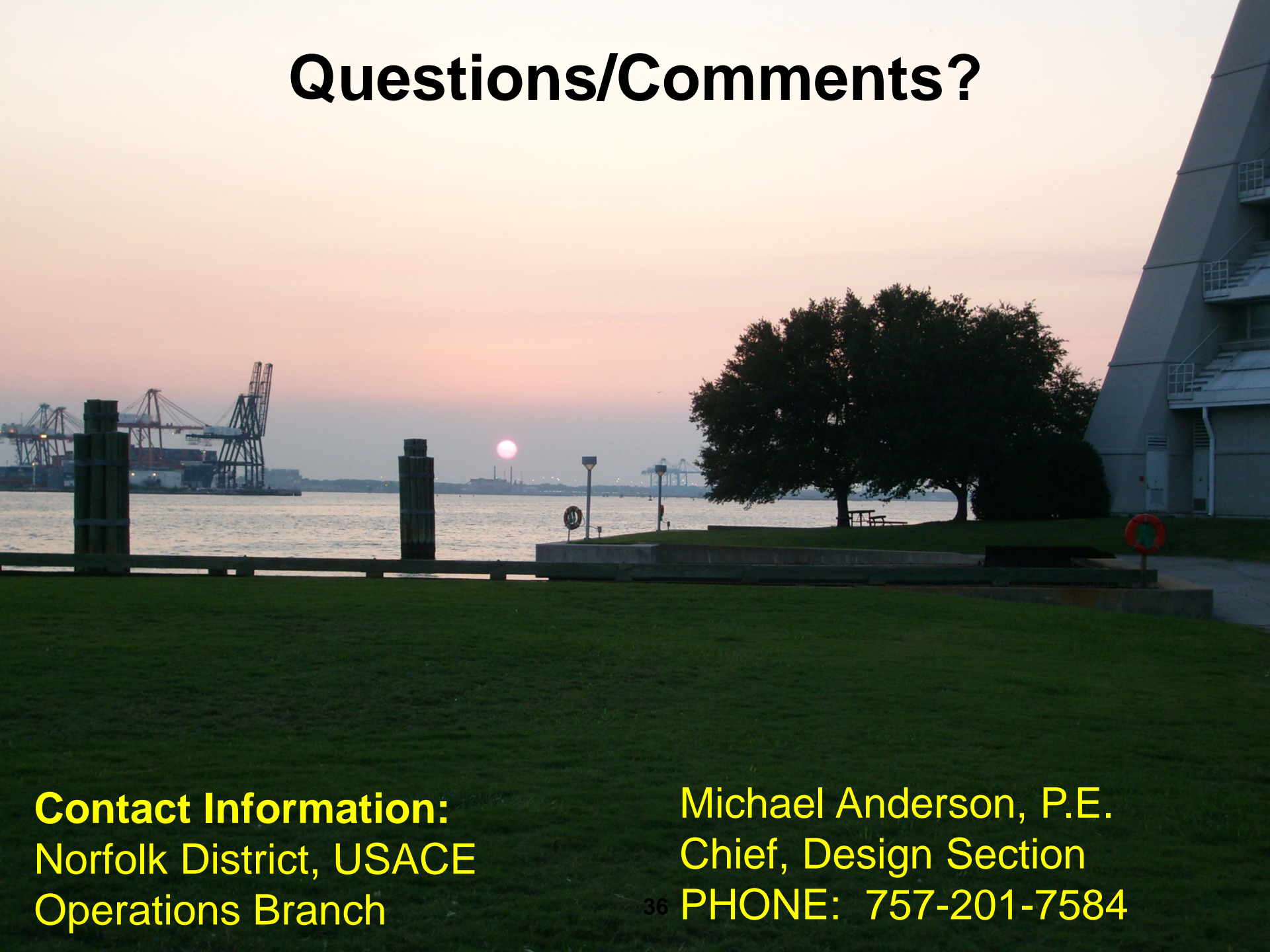
- **Project Depth:**  
7' to 18'
- **Estimated Quantity:**  
60,000 cy
- **Material Type:**  
Course-grained,  
Maintenance
- **Dredge Type:**  
Special Purpose
- **Advertisement Date:**  
N/A
- **Bid Opening Date:**  
N/A
- **Seasonal Restrictions:**  
None



Project Manager: (757) 201-7257



# Questions/Comments?



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