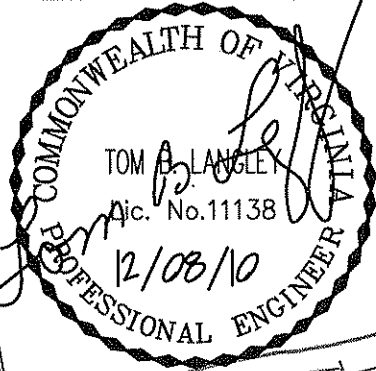
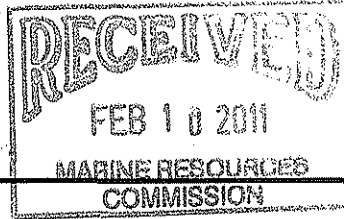


ADDITIONAL INFO  
REVISION



SCALE 1"=1000'

PURPOSE :  
MARINA MAINTENANCE DREDGE  
  
DATUM: MLW = 0.0  
ADJ. PROPERTY OWNERS  
SEE SHEET 2

PERMIT APPLICATION  
  
VICINITY MAP  
  
Langley and McDonald, Inc  
Engineers Planners Surveyors  
309 LYNNHAVEN PARKWAY  
VIRGINIA BEACH, VIRGINIA 23452  
757-463-4306 (FAX) 757-463-3563

WATERWAY: LONG CREEK  
ADDRESS: NONE  
CITY/COUNTY: VIRGINIA BEACH  
  
APPLICATION BY :  
MARINA SHORES  
  
SCALE : 1"=1,000' DATE:  
SHT. 1 OF 7 12/08/10

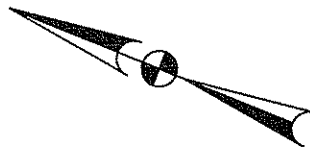
REV.

**RECEIVED**  
 FEB 18 2011  
 MARINE RESOURCES  
 COMMISSION

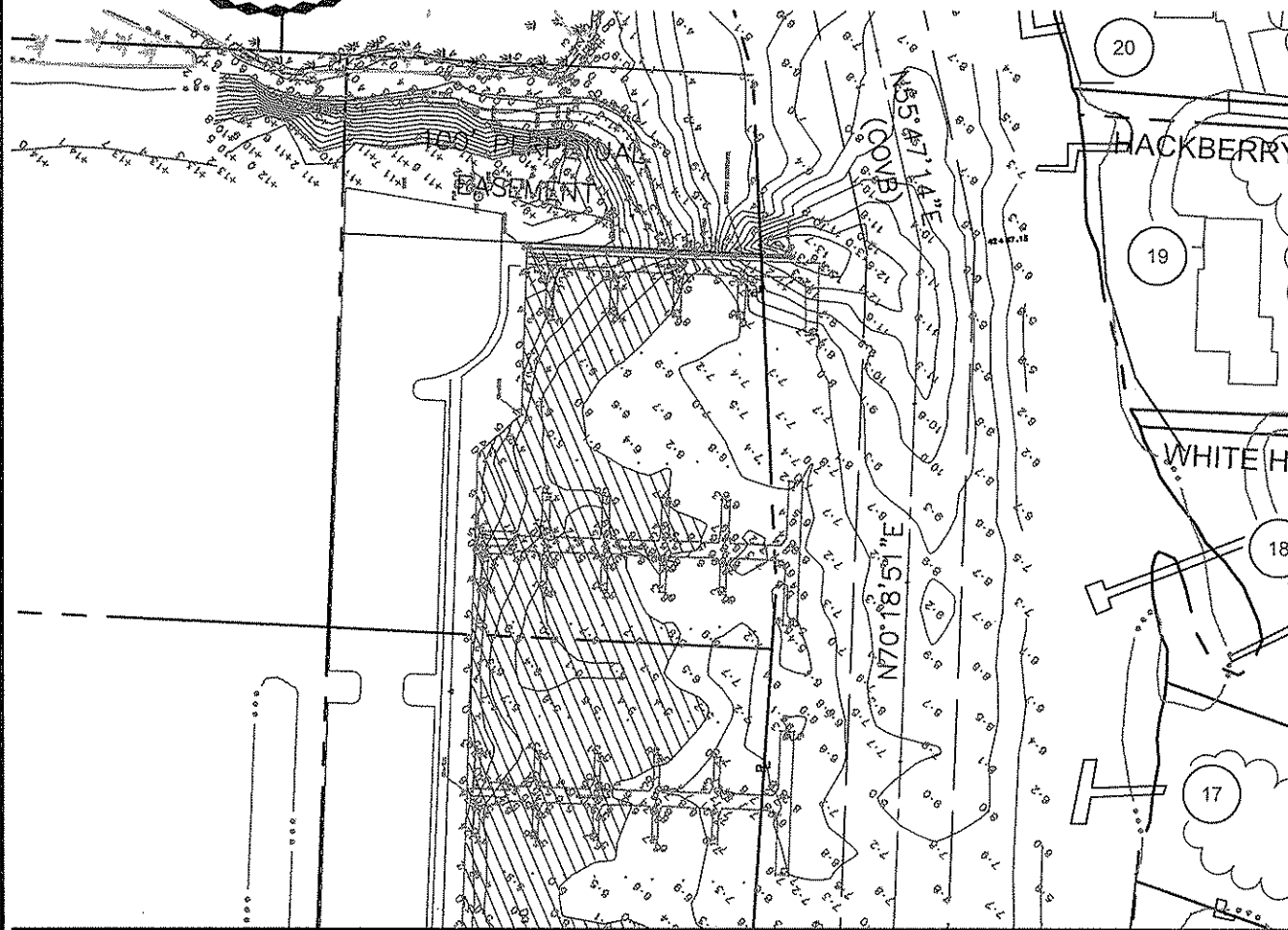
ADDITIONAL INFO  
 REVISION

COMMONWEALTH OF VIRGINIA  
 TOM A. LANGLEY  
 Lic. No. 11138  
 12/08/10  
 PROFESSIONAL ENGINEER

 DREDGE TO -6.0



SCALE 1"=100'



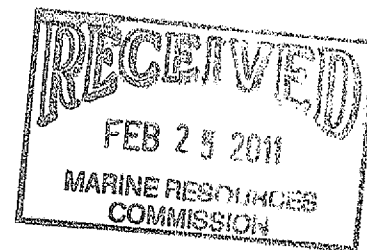
**MATCH LINE - SHEET 5**

PURPOSE : MARINA MAINTENANCE DREDGE  DATUM: MLW = 0.0 ADJ. PROPERTY OWNERS SEE SHEET 2	PERMIT APPLICATION		WATERWAY: LONG CREEK ADDRESS: NONE CITY/COUNTY: VIRGINIA BEACH  APPLICATION BY : MARINA SHORES
	MAINTENANCE DREDGE PLAN		
Langley and McDonald, Inc Engineers Planners Surveyors 309 LYNNHAVEN PARKWAY VIRGINIA BEACH, VIRGINIA 23452 757-463-4306 (FAX) 757-463-3563		SCALE : 1"=100'      DATE: SHT. 6 OF 7      12/08/10	

REV.

**Howell, Beth (MRC)**

**From:** Worrell, Justin (MRC)  
**Sent:** Wednesday, February 23, 2011 5:11 PM  
**To:** Howell, Beth (MRC)  
**Subject:** FW: Marina Shores Dredging, VMRC #11-0135  
**Attachments:** Dwg set - Sht 3.pdf  
 please process as add. info.



**From:** Tom Langley [mailto:TLangley@langleymcdonald.com]  
**Sent:** Wednesday, February 23, 2011 5:06 PM  
**To:** Worrell, Justin (MRC)  
**Cc:** Ben@flintmarine.net; dhansen@vbgov.com; scholiast@aol.com; PROEHRS@vbgov.com; rj.nutter@troutmansanders.com  
**Subject:** RE: Marina Shores Dredging, VMRC #11-0135

ADDITIONAL INFO  
 REVISION

Justin,

Attached please find a marked up sheet 3 of the JPA drawings. This identifies the 2 additional APOs you requested.

With regard to the offloading location and method, we propose to use the dredge transfer site proposed adjacent to the existing marina. This was part of the withdrawn JPA 09-0989, and will be included in a new JPA. This new JPA is signed and ready to submit, but is being held pending a couple related actions. The method will be to transfer dredged material from barges to trucks accessing the water from the city's property.

As a secondary offloading location, we propose to use the existing dry storage forklift operating area. Trucks will gain access across the Applicant's property.

As for it's final disposition, we propose to use the existing area on the adjacent property owned by the City, however, we have not specifically requested permission or approval from the city. By copy of this email to Phill Roehrs and Dave Hansen, we request their approval.

Lastly, we specifically request a 5-year permit to cover multiple dredging cycles.

Please advise if you have any questions.

Tom



Tom B. Langley, PE, LS  
 President

2/25/2011

Langley & McDonald  
309 Lynnhaven Parkway  
Virginia Beach, VA 23452  
757.463.4306 (o)  
757.463.3563 (f)  
[tlangley@langleymcdonald.com](mailto:tlangley@langleymcdonald.com)  
[www.langleymcdonald.com](http://www.langleymcdonald.com)

---

**From:** Worrell, Justin (MRC) [mailto:Justin.Worrell@mrc.virginia.gov]  
**Sent:** Tuesday, February 22, 2011 2:18 PM  
**To:** Tom Langley  
**Subject:** Marina Shores Dredging, VMRC #11-0135

Tom,

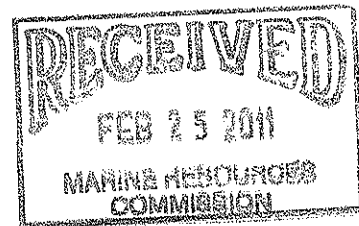
Before I begin our public interest review, please address the following questions / issues:

- Identify the two Adjoining Property Owners (APOs) on the eastern and western side of the Marina (properties not owned by Gail Levine).
- Explain the offloading method and identify the location on the plan-view drawing. Is this all considered beach-quality sand that will be placed in the City's Maple Street disposal site? If so, has the City approved this placement?
- Specify that Marina Shores would like a 5-year permit to cover the potential of multiple dredging cycles.

Once this information is submitted, I will begin the official public interest review.

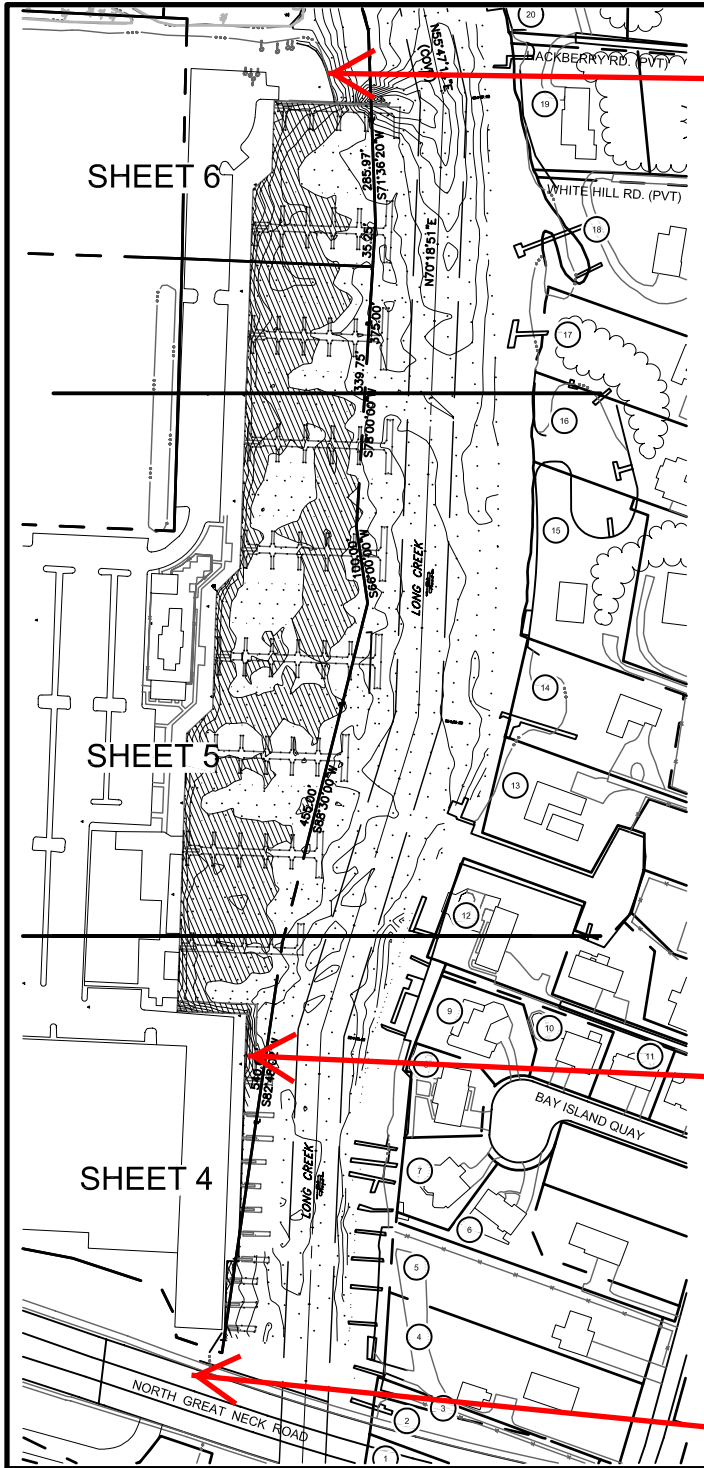
Thanks, and call me if you have further questions.

Justin D. Worrell  
Environmental Engineer  
Habitat Management Division  
Virginia Marine Resources Commission  
(757) 247-8063 telephone  
(757) 247-8062 fax

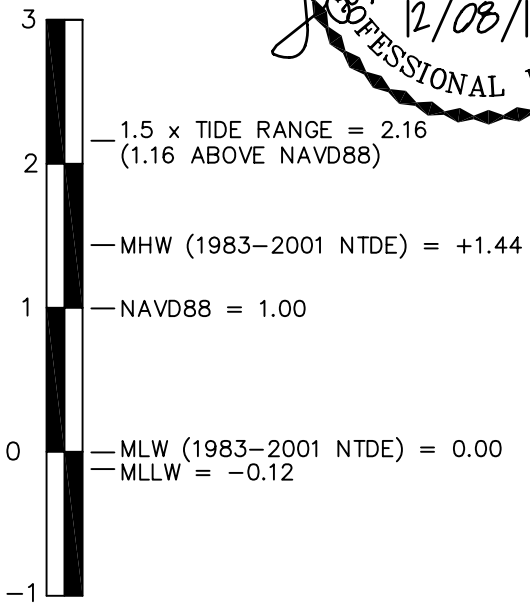
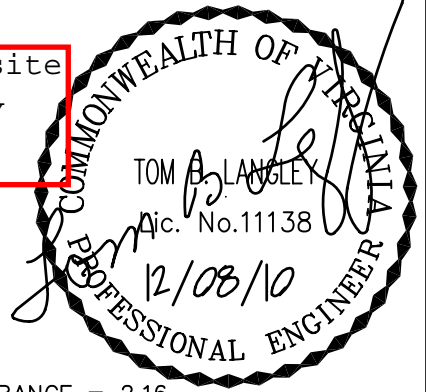


~~ADDITIONAL INFO~~

ADDITIONAL INFO  
REVISION



Offloading site  
(proposed by  
City of VB)



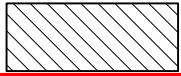
ELEVATIONS/SOUNDINGS ARE IN FEET  
REFERRED TO MEAN LOW WATER BASED  
ON 1983-2001 NATIONAL TIDAL DATUM EPOCH

### DATUM DIAGRAM

NOT TO SCALE  
Secondary offloading site

Notes:  
Property lines shown taken from City of Virginia  
Beach GIS data.

Hydrographic Survey prepared by East Coast  
Hydrographic and is referenced to MLW  
(1983-2001 Epoch).



LIMITS OF DREDGING:  
-6.0 BOTTOM

APO is City of VB (Right-of-Way)

PURPOSE :  
MARINA MAINTENANCE DREDGE

DATUM: MLW = 0.0

ADJ. PROPERTY OWNERS  
SEE SHEET 2

PERMIT APPLICATION  
MAINTENANCE DREDGE  
PLAN

Langley and McDonald, Inc  
Engineers Planners Surveyors  
309 LYNNHAVEN PARKWAY  
VIRGINIA BEACH, VIRGINIA 23452  
757-463-4306 (FAX) 757-463-3563

WATERWAY: LONG CREEK  
ADDRESS: NONE  
CITY/COUNTY: VIRGINIA BEACH

APPLICATION BY :  
MARINA SHORES

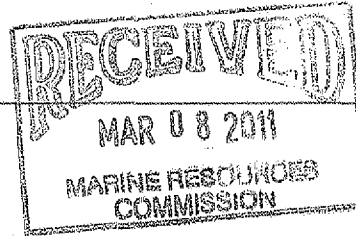
SCALE : 1"=250'      DATE:  
SHT. 3 OF 7      12/08/10

**RECEIVED**  
By Virginia Marine Resources Commission at 8:22 am, Feb 25, 2011

**REVISED**  
8:23 am, Feb 25, 2011

REV.

**Howell, Beth (MRC)**



**From:** Worrell, Justin (MRC)  
**Sent:** Tuesday, March 08, 2011 2:14 PM  
**To:** Howell, Beth (MRC)  
**Subject:** FW: Marina Shores Dredging, VMRC #11-0135

Please process as add. info.

**ADDITIONAL INFO  
REVISION**

---

**From:** Tom Langley [mailto:TLangley@langleymcdonald.com]  
**Sent:** Tuesday, March 08, 2011 10:11 AM  
**To:** Worrell, Justin (MRC)  
**Cc:** Ben@flintmarine.net; Phillip J. Roehrs; scholiast@aol.com; rj.nutter@troutmansanders.com; Hankins, Nancy D NAO  
**Subject:** RE: Marina Shores Dredging, VMRC #11-0135

Justin,

When we spoke Thursday morning, I was in the airport and not taking notes, but I remember you still needed city approval for the use of their placement site. Please see Phill's email below and let me know if that is not sufficient approval.

And please let me know if you need anything further.

Thanks

Tom



Tom B. Langley, PE, LS  
President  
Langley & McDonald  
309 Lynnhaven Parkway  
Virginia Beach, VA 23452  
757.463.4306 (o)  
757.463.3563 (f)  
[tlangley@langleymcdonald.com](mailto:tlangley@langleymcdonald.com)  
[www.langleymcdonald.com](http://www.langleymcdonald.com)

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**From:** Phillip J. Roehrs [mailto:PROehrs@vb.gov]  
**Sent:** Tuesday, March 08, 2011 9:56 AM  
**To:** Tom Langley; Dave Hansen  
**Cc:** Ben@flintmarine.net; scholiast@aol.com; rj.nutter@troutmansanders.com  
**Subject:** RE: Marina Shores Dredging, VMRC #11-0135

We are prepared to approve it. We'll need a signed 'use agreement' (in the same format as the Lake

Whitehurst and Lake Rudee agreements), but we'll also need some other form of 'cost participation' or 'encroachment' for the work to be done on the City easement.

For the purposes of a VMRC permit, consider it approved, subject to proper paperwork.

Phill Roehrs, P.E.  
Water Resources Engineer  
City of Virginia Beach  
Public Works Engineering  
757-385-8985

ADDITIONAL INFO  
REVISION

---

**From:** Tom Langley [mailto:TLangley@langleymcdonald.com]  
**Sent:** Tuesday, March 08, 2011 9:34 AM  
**To:** Phillip J. Roehrs; Dave Hansen  
**Cc:** Ben@flintmarine.net; scholiast@aol.com; rj.nutter@troutmansanders.com  
**Subject:** RE: Marina Shores Dredging, VMRC #11-0135

Resending email to Phill and Dave, requesting approval from the city to use the city's dredged material placement site for Marina Shores maintenance dredging.

Please advise.

Thanks

Tom

\*\*\*\*\*

Justin,

Attached please find a marked up sheet 3 of the JPA drawings. This identifies the 2 additional APOs you requested.

With regard to the offloading location and method, we propose to use the dredge transfer site proposed adjacent to the existing marina. This was part of the withdrawn JPA 09-0989, and will be included in a new JPA. This new JPA is signed and ready to submit, but is being held pending a couple related actions. The method will be to transfer dredged material from barges to trucks accessing the water from the city's property.

As a secondary offloading location, we propose to use the existing dry storage forklift operating area. Trucks will gain access across the Applicant's property.

As for it's final disposition, we propose to use the existing area on the adjacent property owned by the City, however, we have not specifically requested permission or approval from the city. By copy of this email to Phill Roehrs and Dave Hansen, we request their approval.

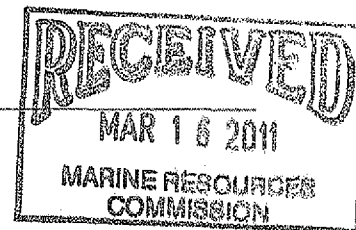
Lastly, we specifically request a 5-year permit to cover multiple dredging cycles.

Please advise if you have any questions.

Tom

**Howell, Beth (MRC)**

**From:** Worrell, Justin (MRC)  
**Sent:** Wednesday, March 16, 2011 10:24 AM  
**To:** Howell, Beth (MRC)  
**Subject:** FW: Marina Shores Maintenance Dredging Application (UNCLASSIFIED)  
**Attachments:** permit.pdf; VMRC Ltr 2011-03-080001.pdf  
 please process as add. info. for #11-0135



**From:** Tom Langley [mailto:TLangley@langleymcdonald.com]  
**Sent:** Wednesday, March 16, 2011 10:17 AM  
**To:** Hankins, Nancy D NAO  
**Cc:** Worrell, Justin (MRC)  
**Subject:** RE: Marina Shores Maintenance Dredging Application (UNCLASSIFIED)

Hi Nancy,

I have been waiting for Gale to return from a trip before sending out revised permit drawings, but since you are ready to issue, I'll send these to you now. The attached drawings and transmittal letter have not previously been sent even though they are dated 2/25 and 3/8. Justin, please accept these as a formal revision to the JPA. I will send you the City's Inspection form once I have Gale's signature.

The 2 drawing changes from previous drawings are:

1. The seaward boundary of maintenance dredging is now defined as the previous seaward limit. We want to be sure to cover the area previously permitted.
2. The city's dredged material placement site is clearly shown as the location this material will be placed. An email from Phill Roehrs authorizes use of the site for this material, which I will forward to you if I haven't already.

As to your questions below, the 250 sf was intended to be 250' of channel width, not area, and as I look at it again, that number probably is not as accurate as I would like. If you take an average full width and an average depth, the average area is probably 360' x 6' = 2,160 sf. Is that the number you prefer to see in this slot?

Lastly, I asked the same question regarding the new JPA's just yesterday, but I do not have an answer yet. They are sitting here signed and ready to submit.....

Tom

Tom B. Langley, PE, LS  
 President  
 Langley & McDonald  
 309 Lynnhaven Parkway  
 Virginia Beach, VA 23452  
 757.463.4306 (o)  
 757.463.3563 (f)

**ADDITIONAL INFO  
 REVISION**

3/16/2011



tlangley@langleymcdonald.com  
www.langleymcdonald.com

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

From: Hankins, Nancy D NAO [mailto:Nancy.D.Hankins@usace.army.mil]  
Sent: Wednesday, March 16, 2011 9:29 AM  
To: Tom Langley  
Subject: Marina Shores Maintenance Dredging Application (UNCLASSIFIED)

Classification: UNCLASSIFIED  
Caveats: NONE

Tom:

I expect to receive the remaining responses to agency coordination today and am preparing the documents for the Marina Shores Maintenance Dredging project. I have a few questions for you:

1. Your application shows 250 sf of stream dimensions on section 9 of the application. Where is this located?
2. Please modify section 18 regarding the dredged material management plan and include the offloading options and indicate that the dredged material will be transferred to Whitehurst Lake via sealed trucks.

As a side note, when do you anticipate that the other two JPA's will be submitted?

Thanks,  
Nancy

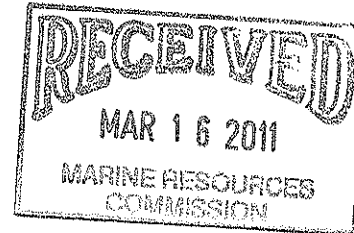
Classification: UNCLASSIFIED  
Caveats: NONE

ADDITIONAL INFO  
REVISION

3/16/2011



ADDITIONAL INFO  
REVISION



March 8, 2011

Mr. Justin Worrell  
Virginia Marine Resources Commission  
Habitat Management Division  
2600 Washington Avenue  
Newport News, VA 23607-0756

Re: Marina Shores Maintenance Dredging, Virginia Beach  
JPA #11-0135, City #VB11-016

Dear Justin:

In response to comments dated 2/22/11 from the City of Virginia Beach, please find enclosed revised permit drawings for the referenced JPA. The city's comments are addressed below:

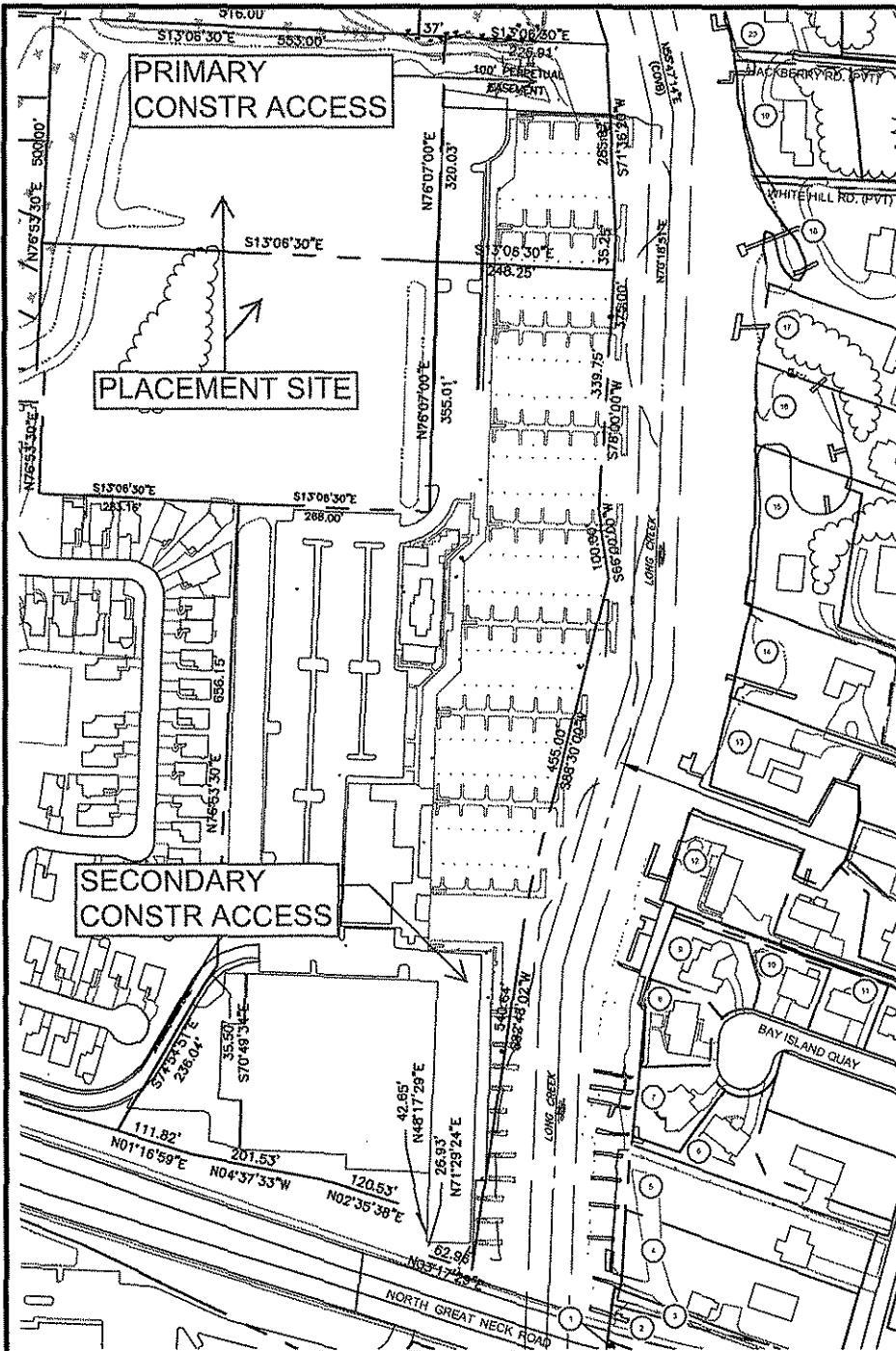
1. The Inspection Report is enclosed.
2. Revisions:
  - a. All property lines are labeled
  - b. MLW and MHW lines are labeled
  - c. Primary construction access is on the City easement located immediately east of the current marina. The City will submit a JPA to construct a dredge transfer facility in that location. Secondary construction access will be at the existing dry storage forklift area. Secondary access location is required in case the City's transfer facility construction is delayed. Both locations are shown on sheet 3 of the revised drawings.
  - d. Limits of dredging are shown and match the previously permitted dredge limits. Please note this is a larger area than indicated by the most recent hydrographic survey, but since this we are requesting a 5-year maintenance dredging permit, we want to cover all previously permitted area.
  - e. The spoil transfer facility will be located on the City easement.
3. City authorization to use the adjacent material re-handling area was provided via email from Phill Roehrs today, and forwarded to VMRC.
4. A complete set of stamped revised drawings is enclosed.

We request Lonnie Warren coordinate his review of this JPA with Rick Scarper, Phill Roehrs and Dave Hansen if there are any questions regarding the City's involvement and intent to construct the dredge transfer facility.



ADDITIONAL INFO  
REVISION

**RECEIVED**  
MAR 16 2011  
MARINE RESOURCES  
COMMISSION



COMMONWEALTH OF VIRGINIA  
TOM A. LANGLEY  
Lic. No. 11138  
2/25/11  
PROFESSIONAL ENGINEER

LIMIT OF DREDGING  
(JPA #88-1848)

PURPOSE : MARINA MAINTENANCE DREDGE  DATUM: MLW = 0.0 ADJ. PROPERTY OWNERS SEE SHEET 2	PERMIT APPLICATION	WATERWAY: LONG CREEK ADDRESS: NONE CITY/COUNTY: VIRGINIA BEACH  APPLICATION BY : MARINA SHORES
	PROP. LINES, APO'S & LIMITS OF CONST.	
Langley and McDonald, Inc Engineers Planners Surveyors 309 LYNNHAVEN PARKWAY VIRGINIA BEACH, VIRGINIA 23452 757-463-4306 (FAX) 757-463-3563		SCALE : 1" = 250' SHT. 3 OF 7      DATE: 12/08/10