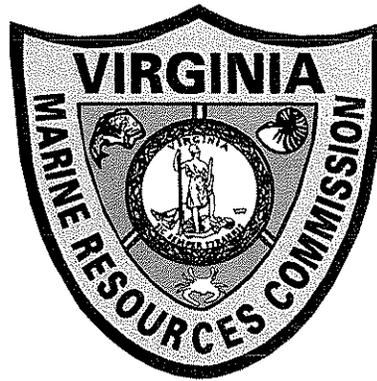


# VIRGINIA MARINE RESOURCES COMMISSION

## Permit Compliance And Inspection Program



Final Report  
CZM Grant # NA10NOS4190122 Task# 6  
November 2012

This project was funded, in part, by the Virginia Coastal Zone Management Program at the Department of Environmental Quality through Grant # NA10NOS419, of the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, under the Coastal Zone Management Act of 1972, as amended.

The views expressed herein are those of the author and do not reflect the views of NOAA or any of its subagencies.



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## **LIST OF ATTACHMENTS**

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| Attachment A | Permit Compliance and Inspection Program: Findings and Guidance Document.     |
| Attachment B | Federal, State, and Local Joint Permit Application, including Tidewater form. |
| Attachment C | Permit Placard.   |
| Attachment D | Notice of intent to commence work post card.                                  |
| Attachment E | Sample Permit.  |
| Attachment F | Sample Project Compliance Assessment Worksheet.                               |
| Attachment G | Compliance Inspection Report.   |

## **Introduction**

The Virginia Marine Resources Commission (“Commission” or “VMRC”), as provided in Chapter 12 of Title 28.2 of the Code of Virginia, is the State agency responsible for issuing permits for encroachments in, on, or over State-owned submerged lands throughout the Commonwealth. Virginia is one of six “low water states” and, as such, maintains ownership of all submerged lands channelward of the mean low water mark in tidal waters and regulatory authority channelward of the ordinary high water mark on most naturally occurring nontidal perennial streams, creeks and rivers.

In addition to managing the Commonwealth’s 1,472,000 acres of submerged lands, the Commission also regulates the use or development of tidal wetlands and coastal primary sand dunes / beaches pursuant to the provisions of Chapters 13 and 14 of Title 28.2 of the Code of Virginia. Local governments in Tidewater Virginia are provided the option of adopting and locally administering the wetlands and dune / beaches zoning ordinances. VMRC, however, maintains original jurisdiction in localities that have not adopted the ordinances. Even if locally adopted and implemented, the Commission retains certain oversight responsibilities and reviews all decisions made by those local boards. Figure 1. shows the localities within Tidewater Virginia that have adopted the wetlands ordinance and the dune / beach ordinance that can now be adopted by local governments throughout tidewater Virginia.

The regulatory activities conducted by the Commission and the 36 local wetlands boards are integral components of Virginia’s approved Coastal Zone Management Program. The permit review processes used by the Commission and these local wetlands boards ensures that necessary economic development is permitted in a manner which minimizes adverse impacts to the valuable natural resources within our coastal zone.

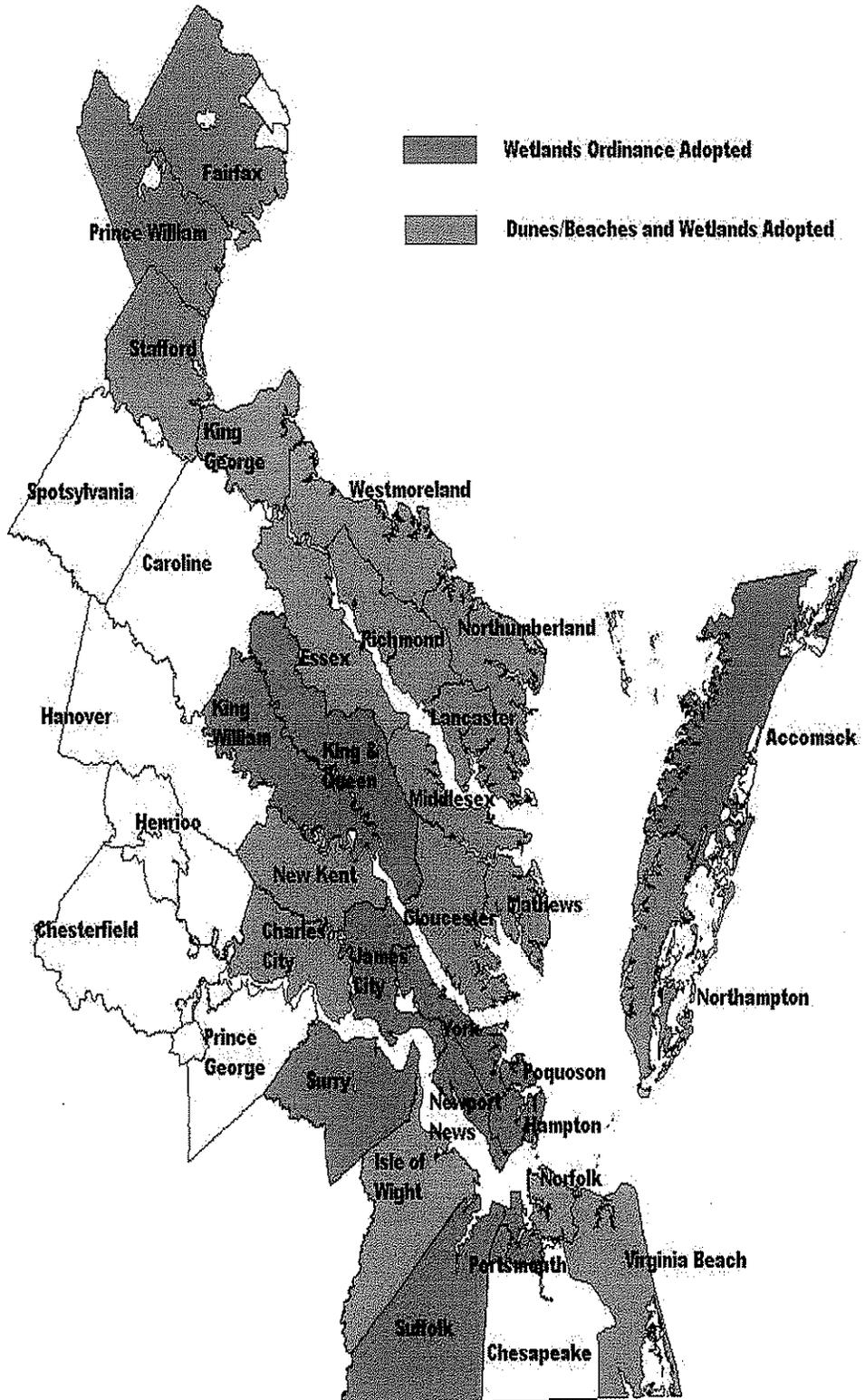


Figure 1. Tidewater Virginia Localities

Permit compliance is a mandatory component of any effective regulatory program. As such, it is essential that the terms and conditions contained in the permit documents are followed if the full benefits of the regulatory program are to be realized. Without such permit compliance, the regulatory process breaks down and serves only as an increased bureaucracy.

In order to evaluate compliance with permits issued by VMRC and local wetlands boards, a survey, funded in part by CRMP grant #NA90AA-H-CZ96, was originally conducted in 1991. The compliance survey was designed to investigate and gauge the effectiveness of the various compliance monitoring programs utilized by VMRC and the local wetlands boards. The survey was intended to both identify existing compliance shortcomings and to ascertain effective compliance monitoring techniques in order to enable VMRC to develop concise recommendations to enhance compliance monitoring programs.

The purpose of this grant project was to continue the implementation of recommendations of the original Permit Compliance and Inspection Program report and continue a standardized permit compliance program for those permits issued by the Commission within the Coastal Zone. Additionally, Commission staff assessed permit compliance for wetland projects authorized in 2010. The latter was designed as a follow up to the previous compliance inspections conducted for projects permitted from 1989 through 2009.

This document is intended to serve as the final report for Task 6 of Grant No. NA10NOS4190122 and provides an overview of the steps taken to continue the compliance monitoring program and a review of the compliance data gathered during the grant year. Compliance data gathered during the previous years is also included.

## **Permit Compliance Program Overview**

In the December 1991 Habitat Management Division – Special Report (Attachment A), five recommendations were made for VMRC to enhance permit compliance efforts.

1. Require detailed drawings for all projects requiring a VMRC permit.
2. Require accurate benchmarks or reference points on the plan view drawing(s).
3. Require Engineers to take an adequate number of slides during the initial site visit to illustrate pre-construction conditions.
4. Require Engineers to conduct post-construction inspections at all sites permitted by VMRC.
5. Incorporate the data collected from the post-construction inspections into the Habitat Management Division's computer database.

In 1993, with funding provided by CZM Grant No. NA27020312-1, these recommendations were incorporated into the Commission compliance monitoring program through several mechanisms. The Joint Permit Application (Attachment B) was amended to reflect the need for more detailed drawings with accurate benchmarks. The Joint Permit Application was last revised in 2012, as was the Tidewater form. New conditions were incorporated into Commission permits requiring that a permit placard (Attachment C) be posted at the project site, and procedures were established for the Commission to receive notice when project construction is started. The latter was accomplished through the use of a self-addressed stamped card (Attachment D) that is returned to the Commission by the permittee. Special conditions related to permit compliance have been added to all permits issued by VMRC. In addition, a statement has been added to the permit cover letter that warns permittees that deviation from the permit specifications could result in a civil charge of up to \$10,000 per violation. Examples of these can be found in the attached sample permit (Attachment E).

Procedures have been established within the Habitat Management Division to require that the Division's Environmental Engineers inspect all permitted projects. These procedures require that photos are taken of the site before and after construction, and that the final inspections are documented through the use of a Project Compliance Assessment Report (Attachment F).

In addition, a compliance database has been established to track compliance monitoring efforts and results. Data for projects inspected during the grant year can be found in Attachment G. Prior to the 1994 grant year the compliance database had been separate from the Habitat Management Division's permit tracking data. The compliance data for projects permitted by VMRC is now incorporated into the Habitat Management Division permit tracking system. The compliance data is entered and maintained by the Division's Compliance Program Support Technician supported by the grant, and the system is accessible by all Division Staff.

### **Permit Compliance Survey Results**

During the grant year a total of 447 compliance inspections were conducted by VMRC Habitat Management Division Staff. This involved 317 inspections of projects permitted by VMRC and 130 inspections of projects permitted by local wetlands boards. The inspections for projects permitted by VMRC followed receipt of the self-addressed stamped card indicating the project commencement or in response to the follow-up letter sent by VMRC to the permittee prior to permit expiration that requests they notify the Commission of the project status. If no response is received, the site is scheduled for inspection upon permit expiration. The inspected wetland projects were randomly selected from projects permitted in 2010 in order to gauge compliance with wetland board permits and to add the data to that collected for projects permitted from 1989 through 2009.

Prior to 1993, wetland projects and VMRC permits were randomly selected for compliance inspections and both permit types were reported together in the previous data. However, since initiation of the Habitat Management Division program to inspect all VMRC permits, the random selection process is used only for wetland permit projects.

Compliance results for all inspections are grouped into the following five categories:

1. In compliance.
2. Moderate compliance (the average allowable encroachment does not exceed 6 inches greater than the permitted alignment and the length and square footage measurements are no more than 10% greater than authorized.
3. Out of compliance (the average additional encroachment exceeded 6 inches and the length or square footage measurements were more than 10% greater than authorized.
4. Unable to determine compliance.
5. Project not constructed.

Compliance rates for the projects permitted by VMRC and inspected during the grant year are shown in Figure 2. Cumulative totals for all VMRC permits inspected since initiation of the Habitat Management Division compliance program are shown in Figure 3. While the overall data for the grant year shows that 93% of the projects were found to be in compliance, only 5 of the projects were found to be out of compliance. The remainder were either in moderate compliance (4%), or were not constructed. Although compliance could not be determined for 1% of the projects, inspections in these cases did not indicate there were any permit violations.

Table 1 reflects the number of randomly selected projects reviewed in each locality for permits issued since 1989. Thirty-three localities were represented over the seventeen-year period. Results reported through 1992 include projects involving both wetlands and State-owned subaqueous lands. The yearly results for 1989 through 2010 are shown in Table 2 and in Figures 2 through 24 respectively.

## **Conclusion**

Based on our review of the data collected and considering the improvements in observed compliance rates since the beginning of this initiative, the program appears to be working. However, compliance rates do seem to have stabilized. As such, our efforts must continue, however, if we are to ever approach the ultimate goal of 100% compliance on all permitted projects. In order to achieve this goal we must continue our current monitoring program. Furthermore, we believe there are areas where we must continue to focus our attention.

At the local level, staffing and financial constraints continue to deter many wetland boards from implementing a formal wetlands compliance program. Table 3 provides an overview of compliance monitoring programs by locality. This table is based on a VMRC staff evaluation of local programs rather than any comprehensive survey. Therefore, some local programs could characterize their compliance efforts differently. The table does, however, provide an indication of the range of effort at the local level and provides, in conjunction with our compliance surveys, information necessary to focus attention in areas where assistance may be needed the most. Although we plan to continue inspections in all localities, we will attempt to provide additional assistance in those areas that only have informal procedures for compliance monitoring and which conduct very few compliance checks.

For projects requiring permits from the Commission, the compliance program has led to better project drawings and the use of accurate benchmarks for improved project monitoring. On the other hand, it has allowed us to identify those projects that present a monitoring challenge. For example, as previously noted, dredging projects have proven difficult to monitor. It is not always appropriate to require the average homeowner to incur the expense of a post dredge survey for a small dredging project under his pier slip. As a result, special permit conditions have been developed that require pre-dredging conferences and encourage post dredging surveys on large dredging projects. Even with the special conditions, however, this continues to be an area where we must continue to focus our attention.

To date, the compliance monitoring program has allowed evaluations of the effectiveness of our permit and monitoring procedures. As such, the monitoring program can only improve our resource management responsibilities. Therefore, permit compliance initiatives must continue to be a long-term effort if we are to ensure proper construction compliance and the protection of our valuable natural resources. This effort, combined with the improvement of our permit tracking database and the development of GIS capabilities, is necessary if we are to realize the goal of making cumulative impact assessments a part of our wetlands and submerged lands permitting program.

# VMRC Permits

October 1, 2011 through September 30, 2012

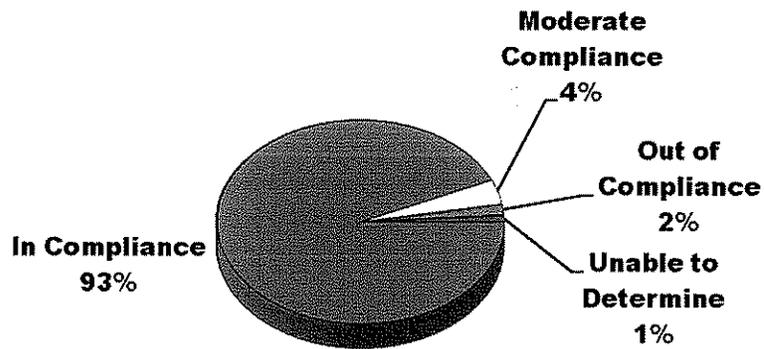
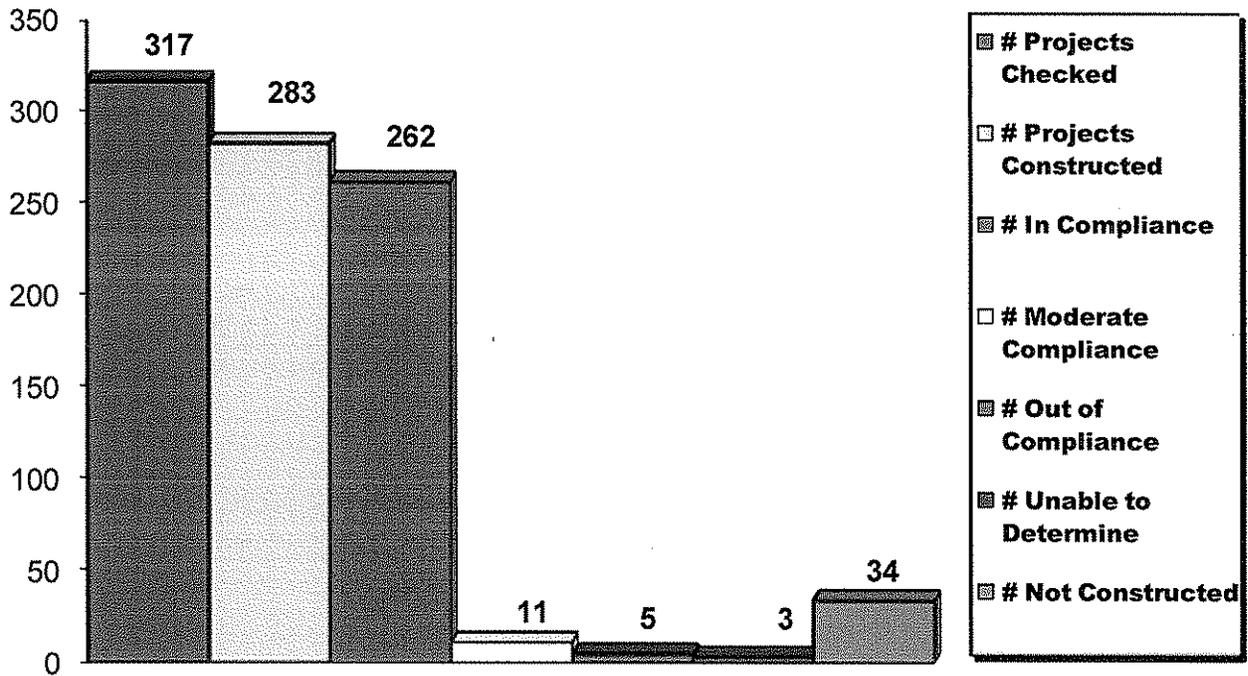


Figure 2 – Inspections of VMRC permits for the Grant year following notification of project commencement or permit expiration

# All VMRC Permits

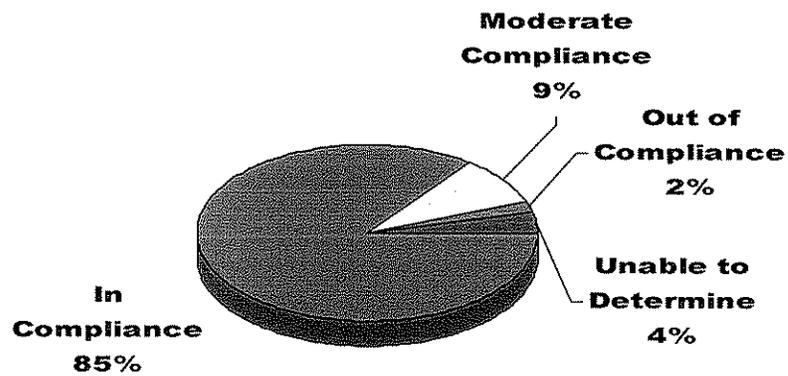
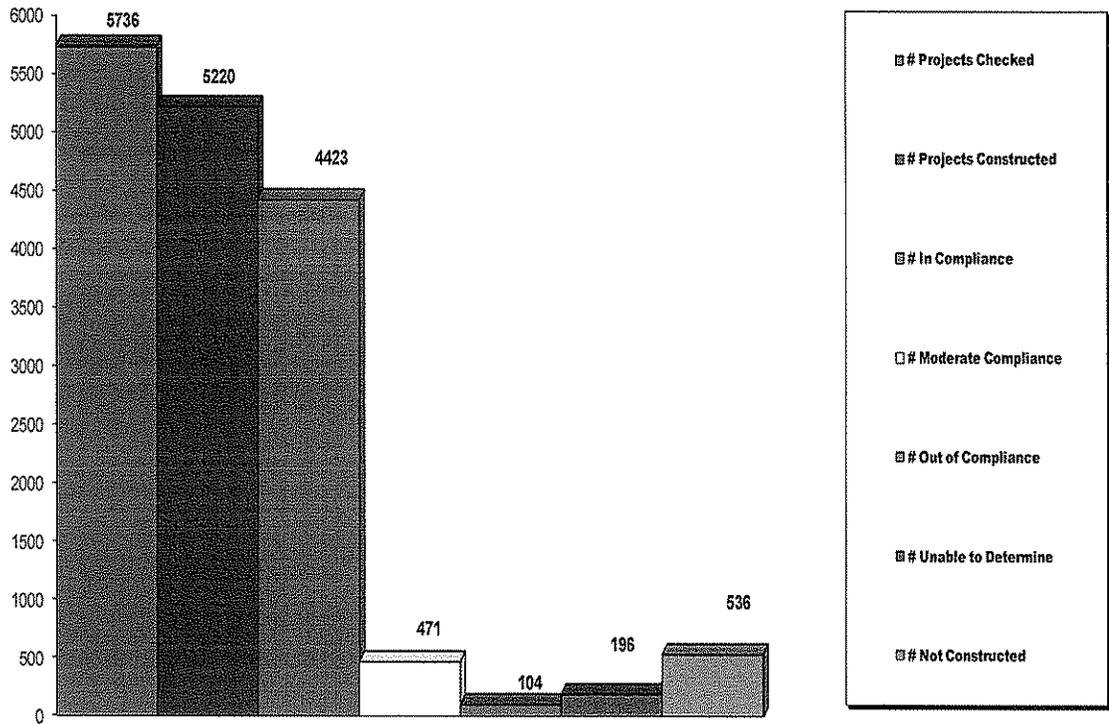


Figure 3 – Inspections since 1993 of all VMRC permits following notification that projects have commenced, or have reached permit expiration.

# 2010 Inspections

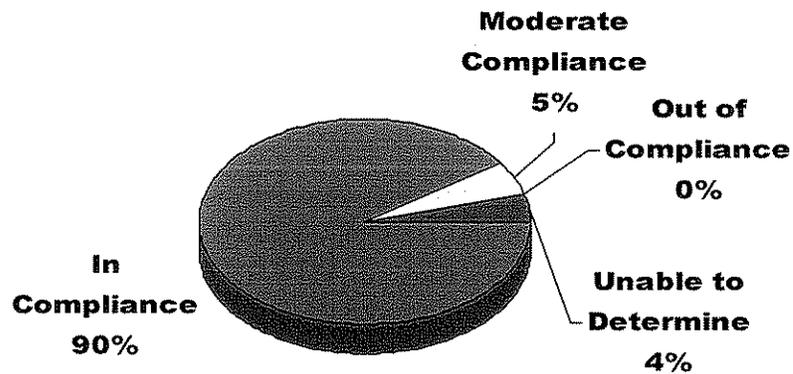
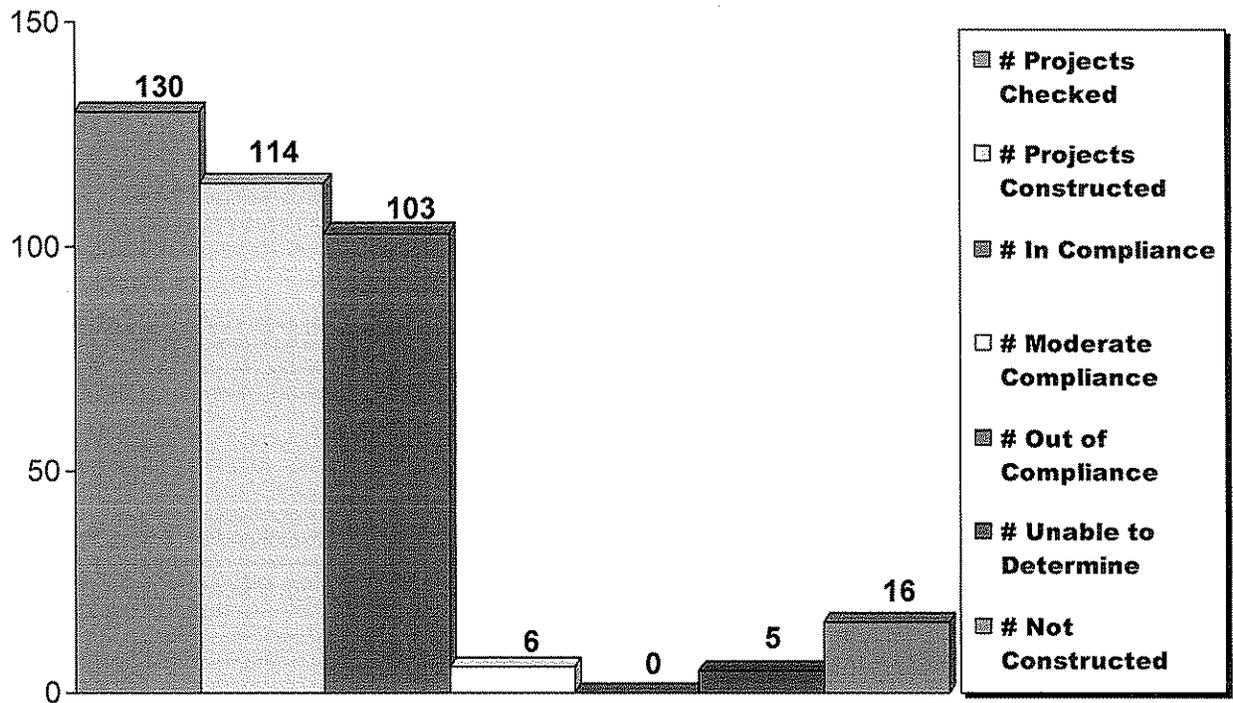


Figure 4 – Inspections for randomly selected wetland permits issued in 2009.

# 2009 Inspections

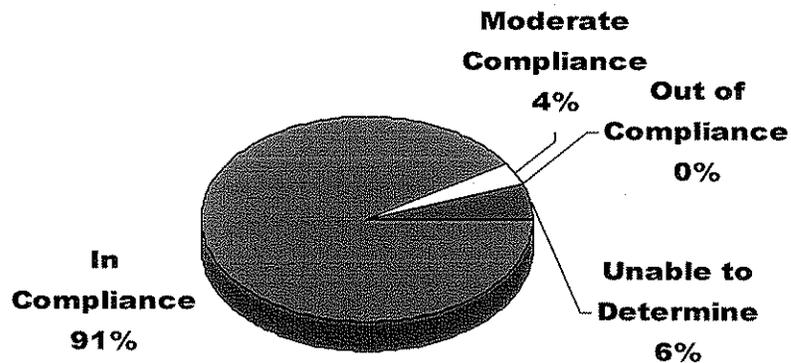
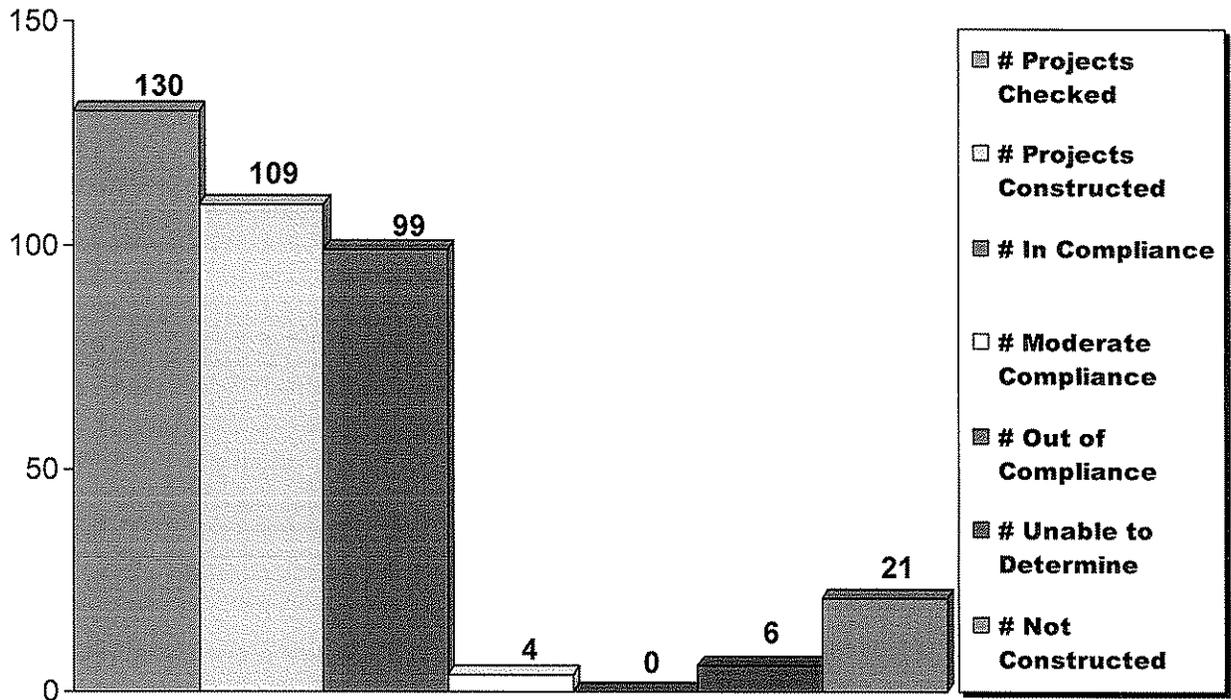


Figure 5 – Inspections for randomly selected wetland permits issued in 2009.

# 2008 Inspections

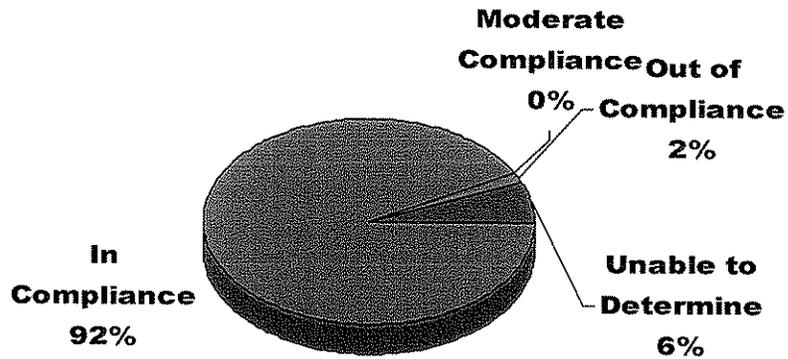
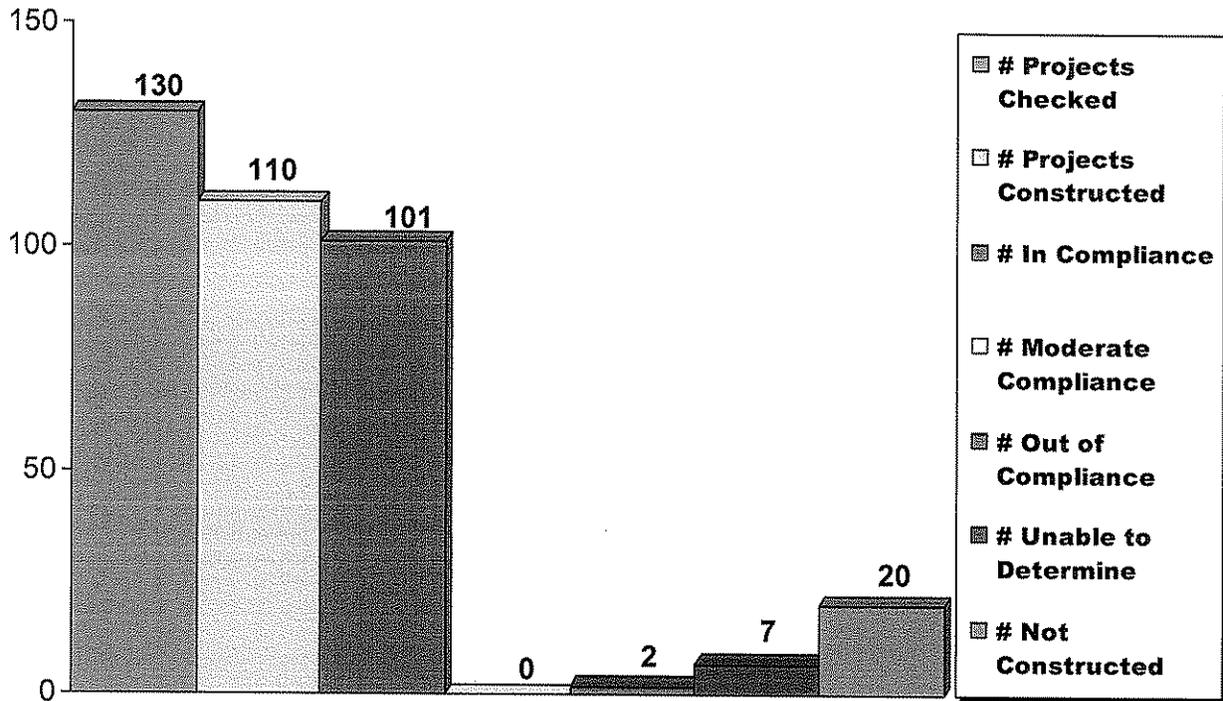


Figure 6 – Inspections for randomly selected wetland permits issued in 2008.

# 2007 Inspections

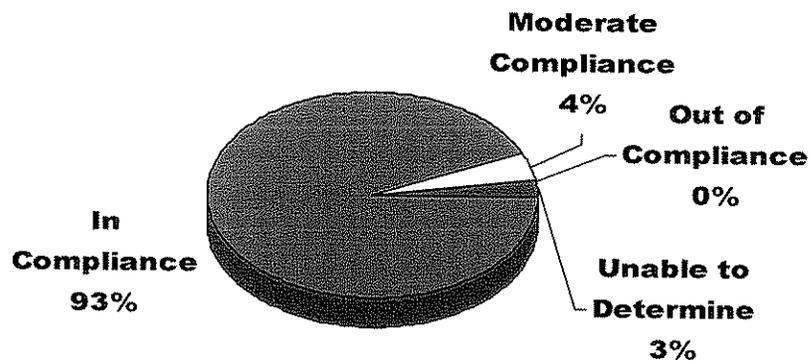
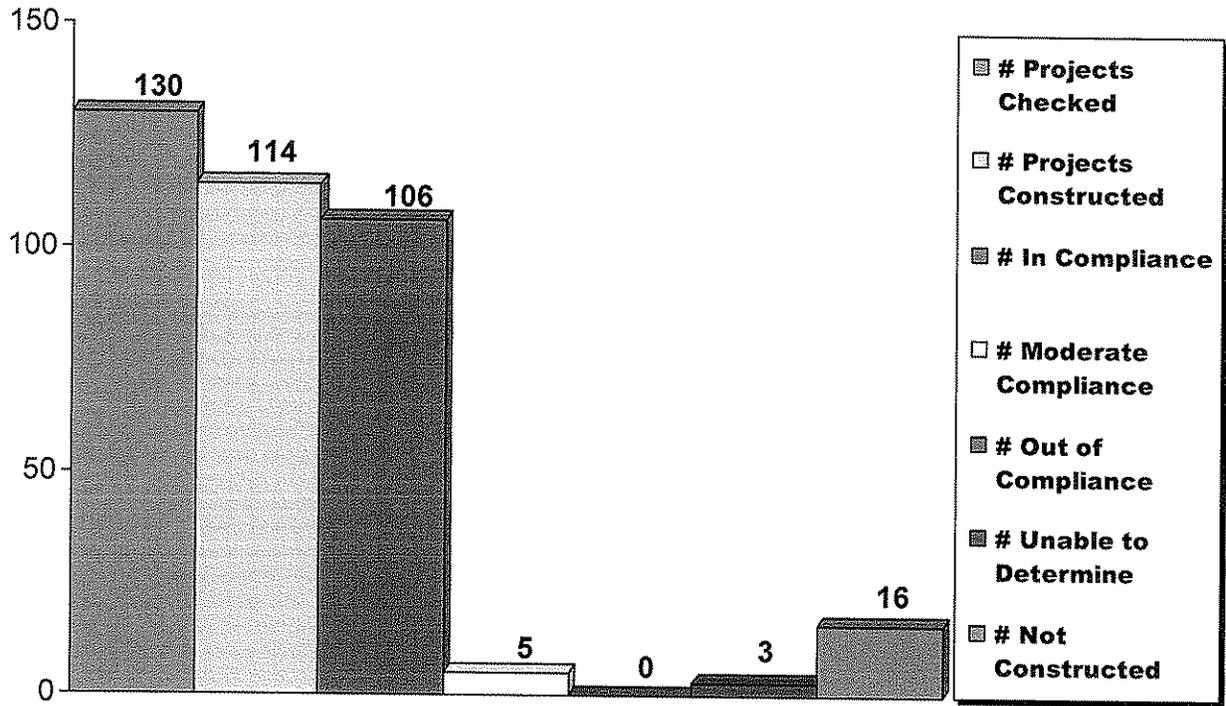


Figure 7 – Inspections for randomly selected wetland permits issued in 2007.

# 2006 Inspections

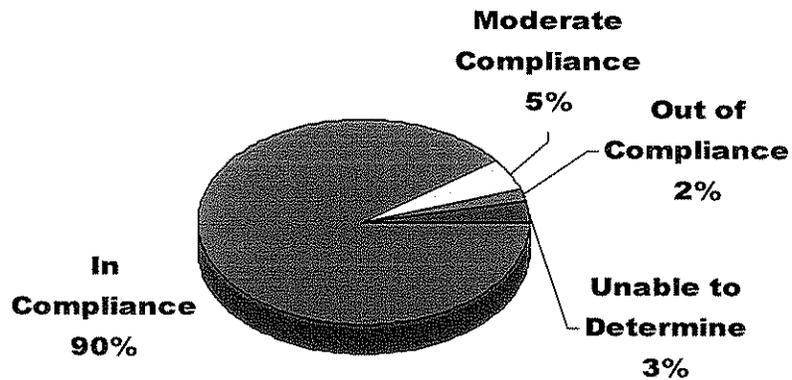
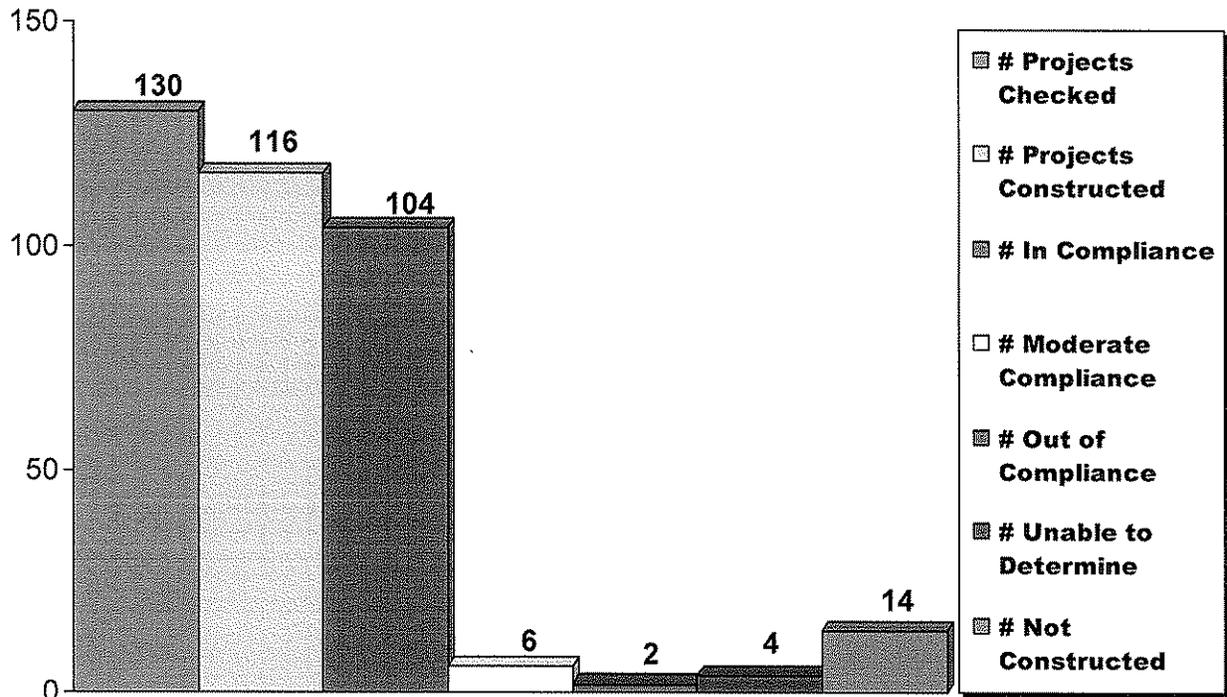


Figure 8 – Inspections for randomly selected wetland permits issued in 2006.

# 2005 Inspections

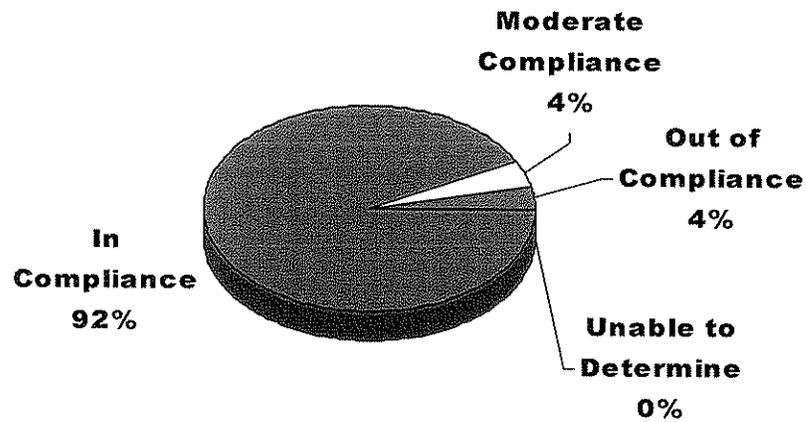
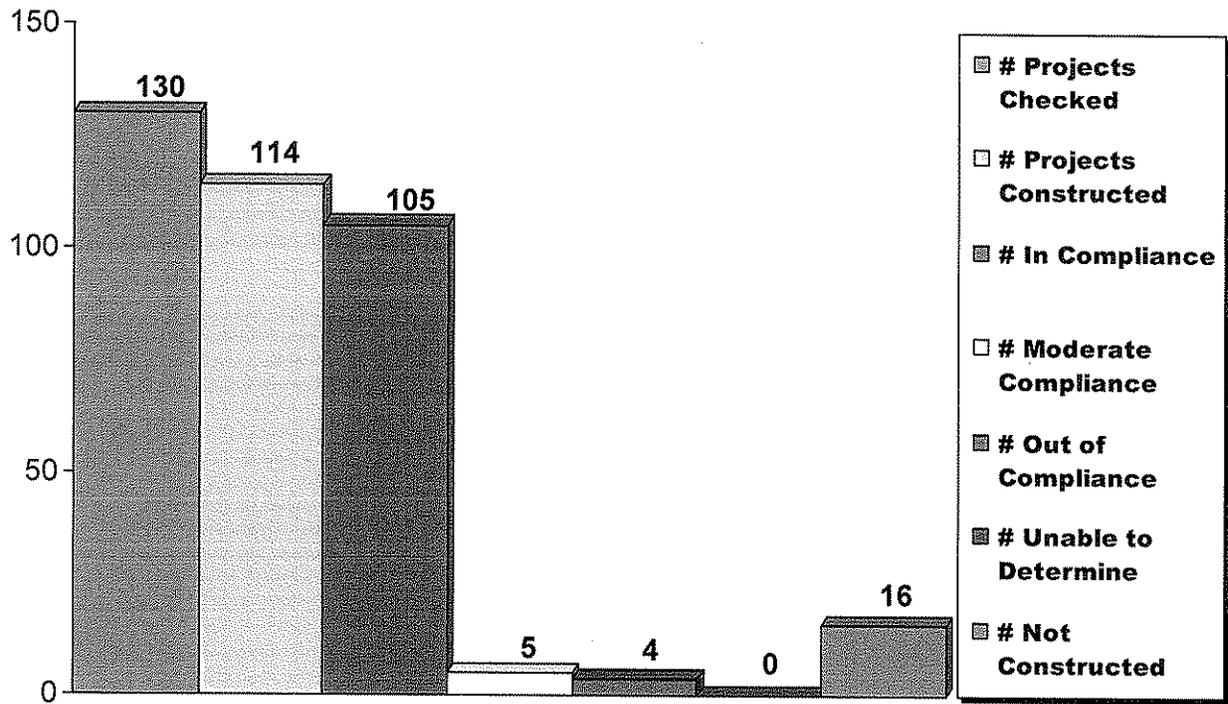


Figure 9 – Inspections for randomly selected wetland permits issued in 2005.

# 2004 Inspections

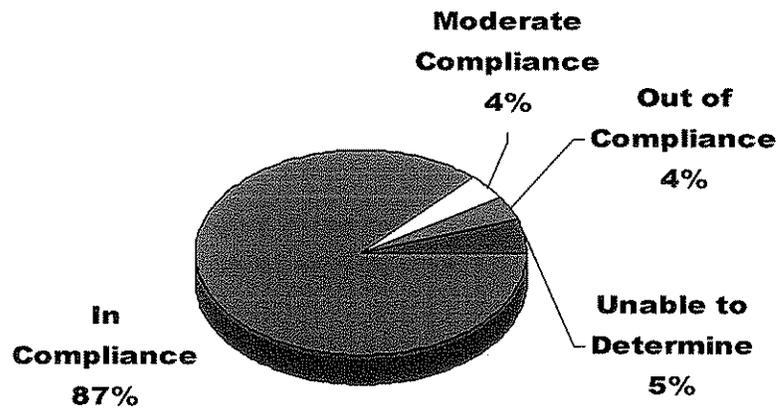
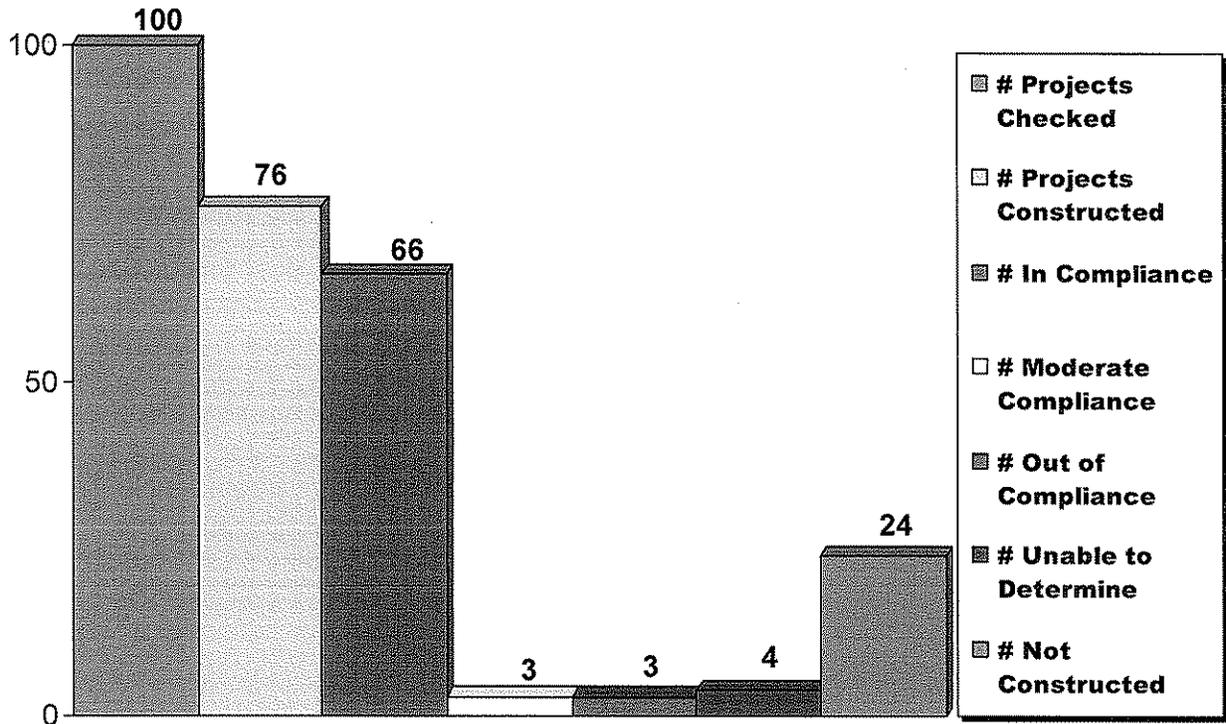


Figure 10 – Inspections for randomly selected wetland permits issued in 2004.

# 2003 Inspections

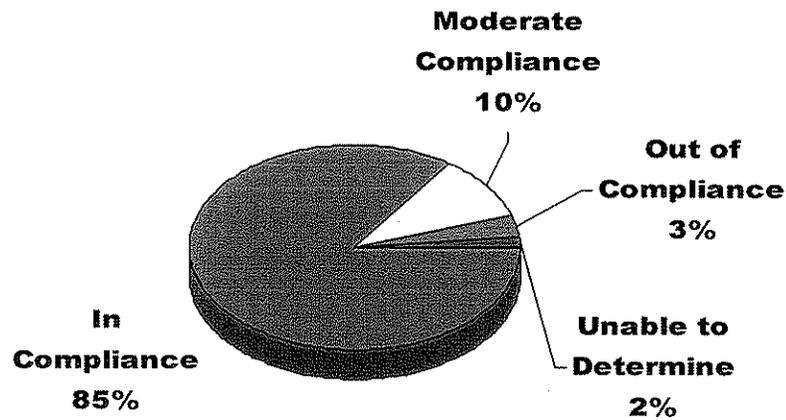
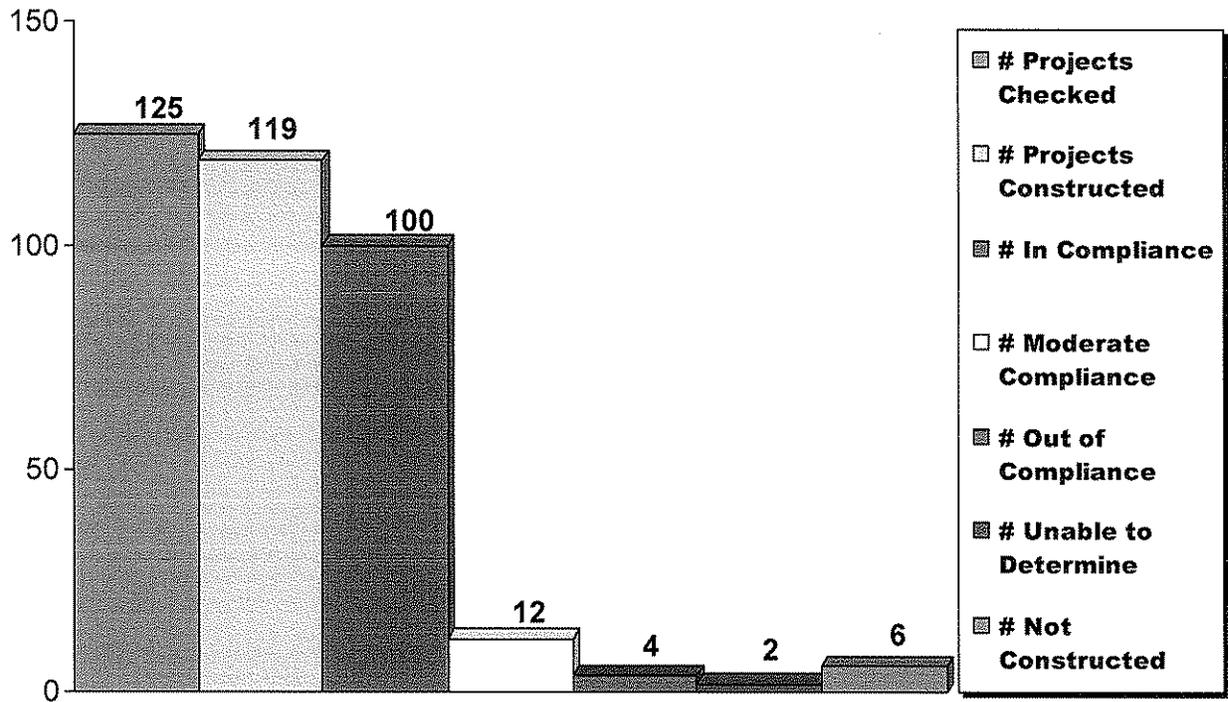


Figure 11 – Inspections for randomly selected wetland permits issued in 2003.

# 2002 Inspections

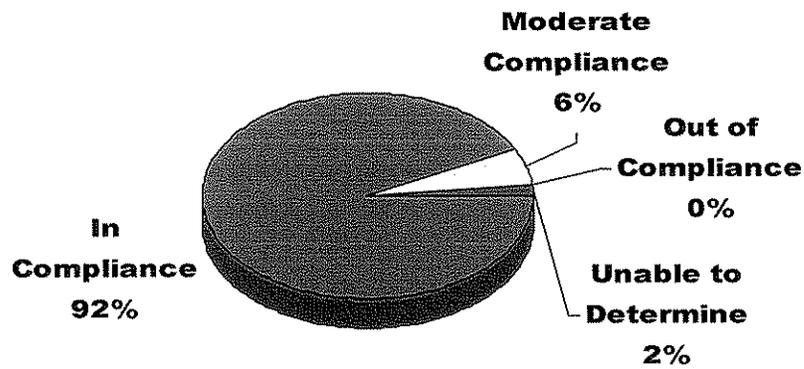
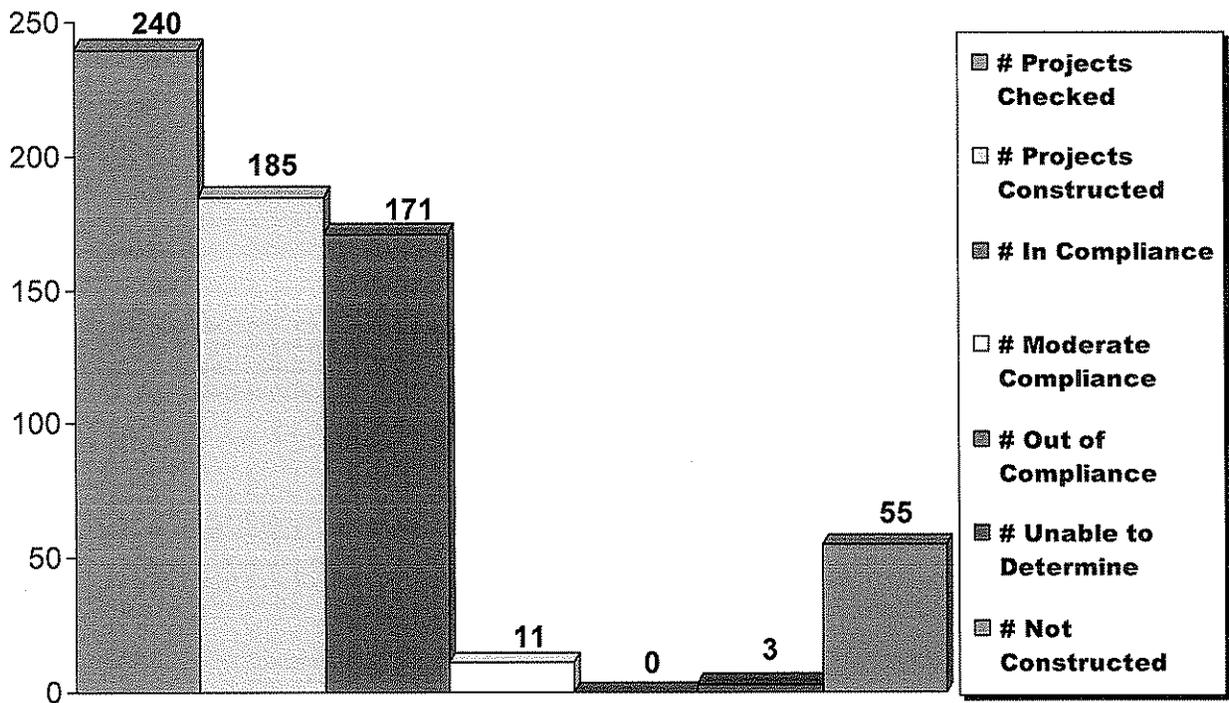


Figure 12 – Inspections for randomly selected wetland permits issued in 2002.

# 2001 Inspections

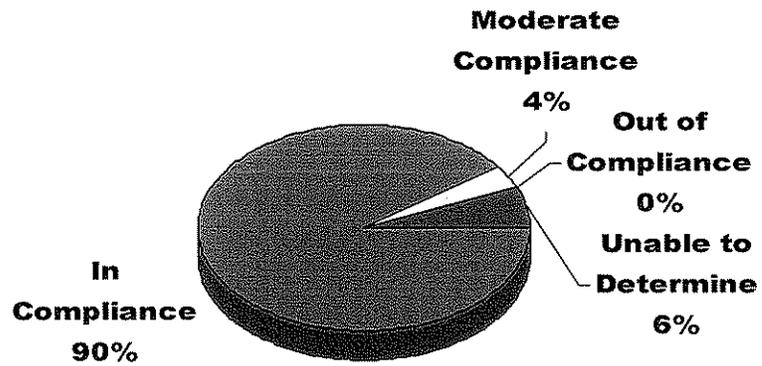
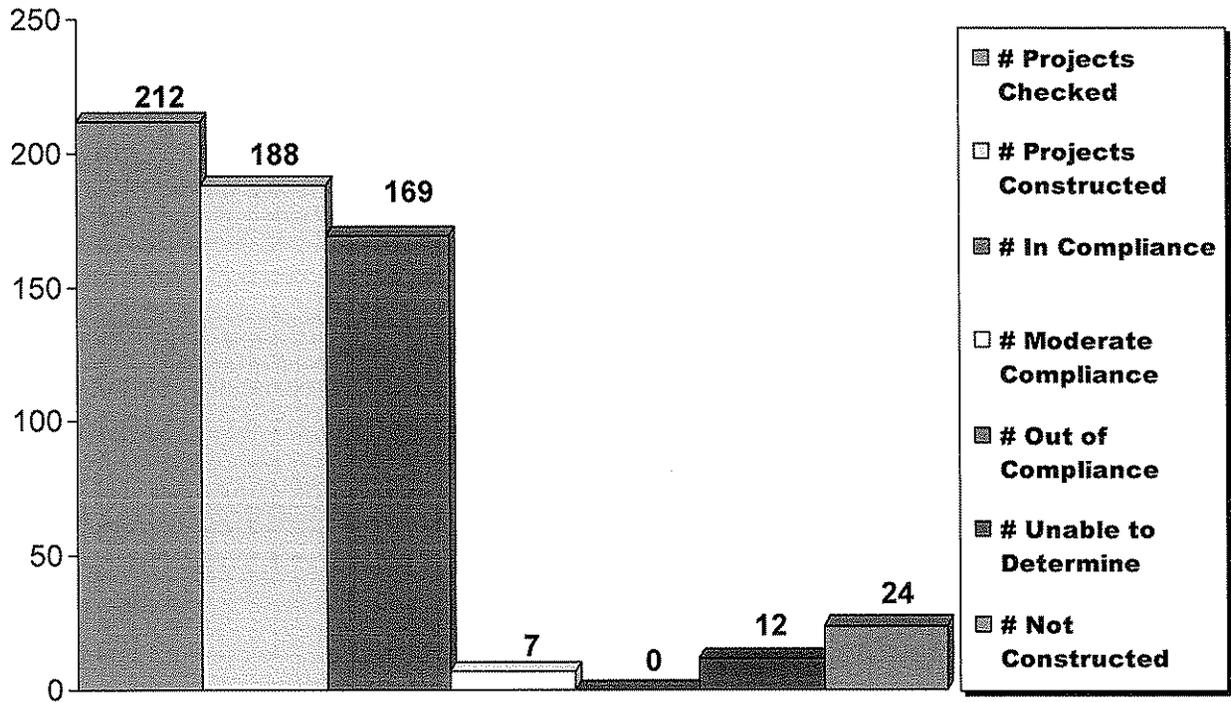


Figure 13 – Inspections for randomly selected wetland permits issued in 2001.

# 2000 Inspections

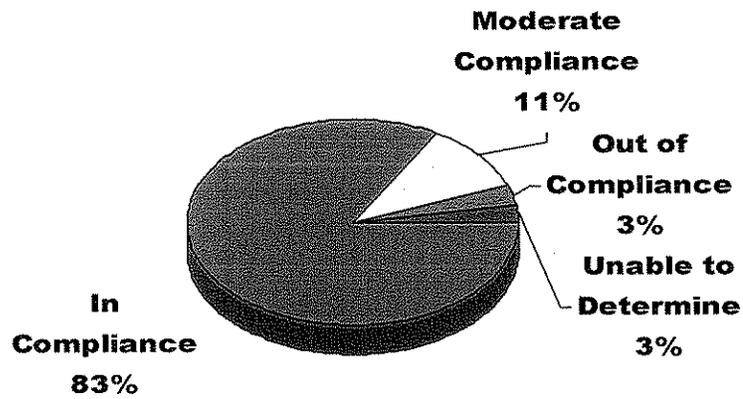
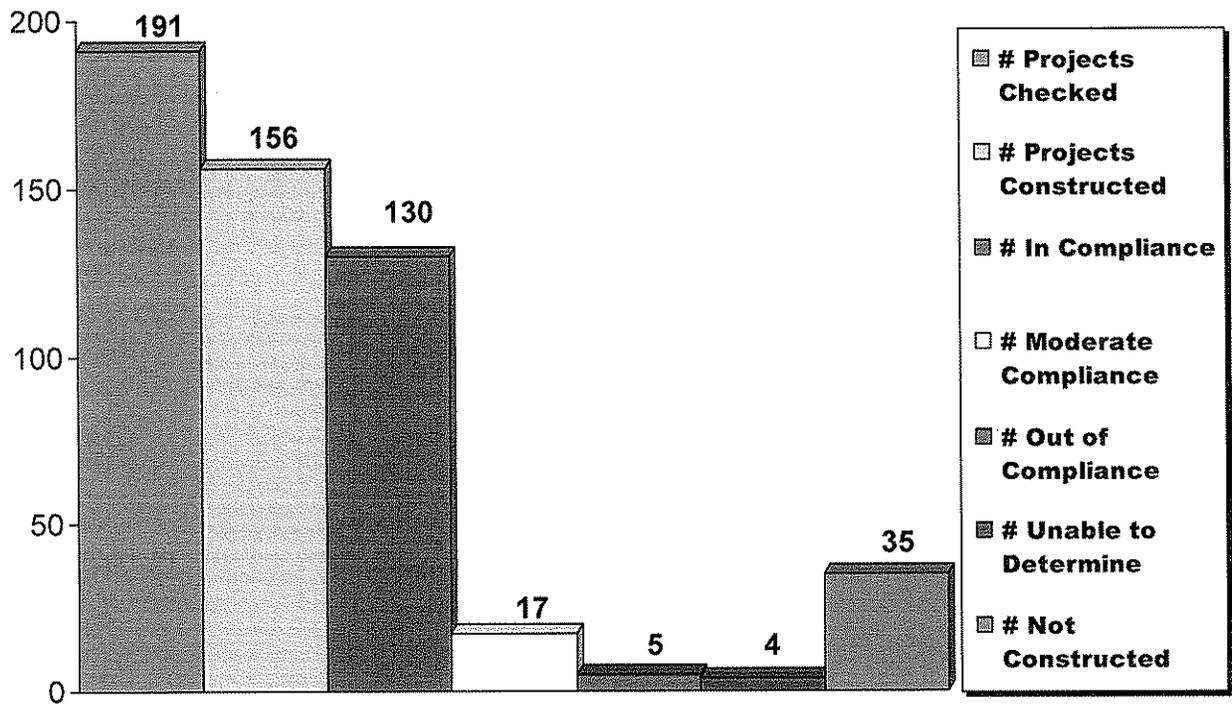


Figure 14 – Inspections for randomly selected wetland permits issued in 2000.

# 1999 Inspections

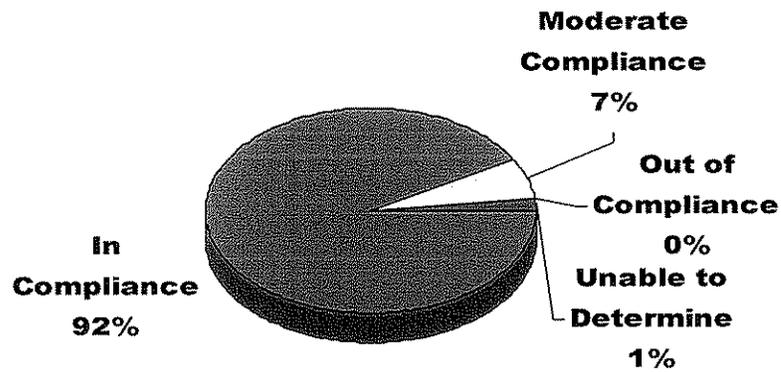
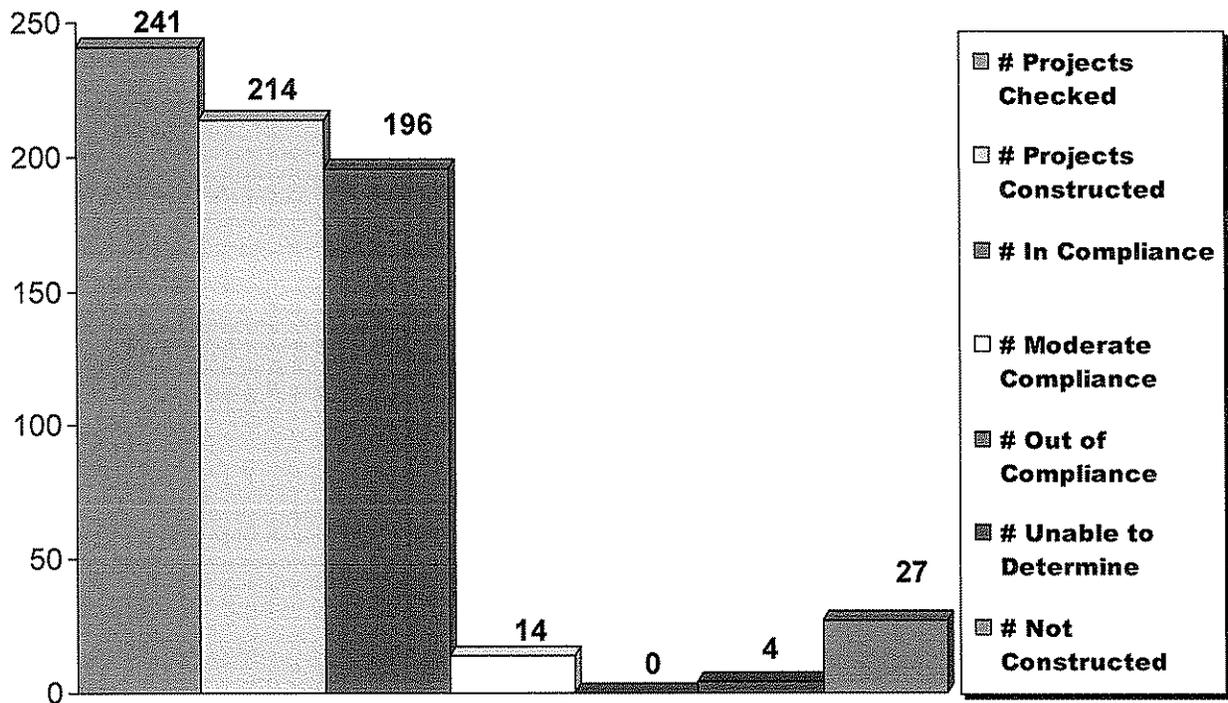


Figure 15 – Inspections for randomly selected wetland permits issued in 1999.

# 1998 Inspections

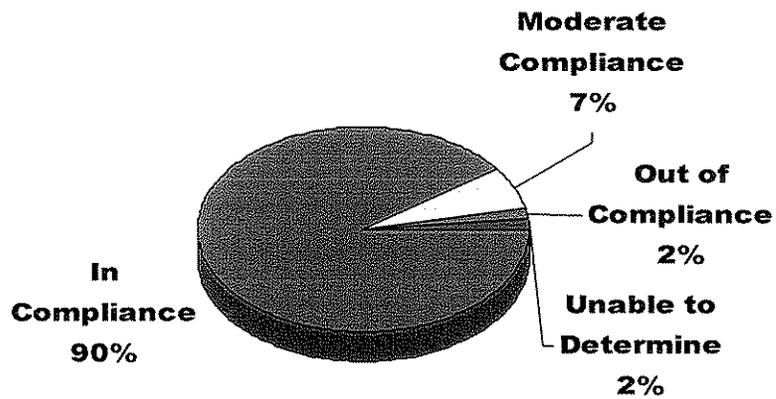
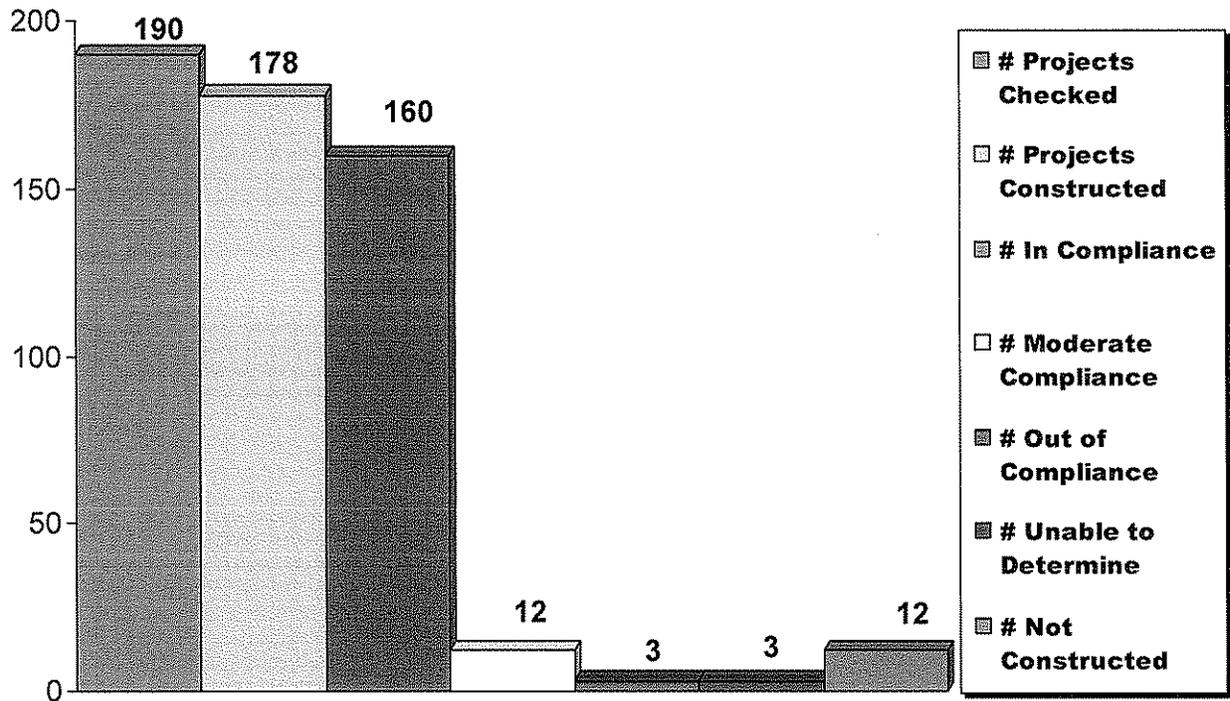


Figure 16— Inspections for randomly selected wetland permits issued in 1998.

# 1997 Inspections

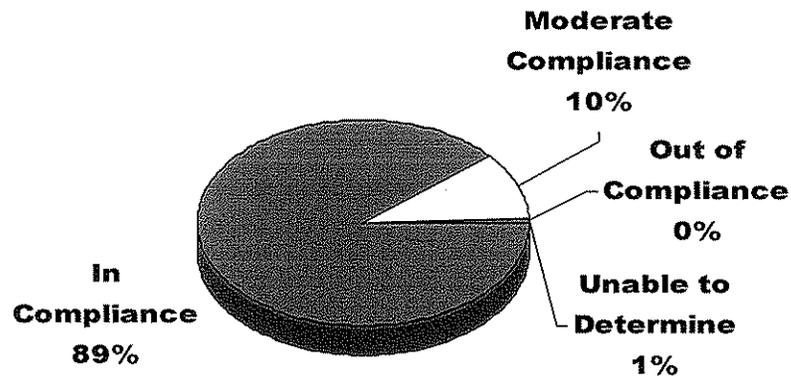
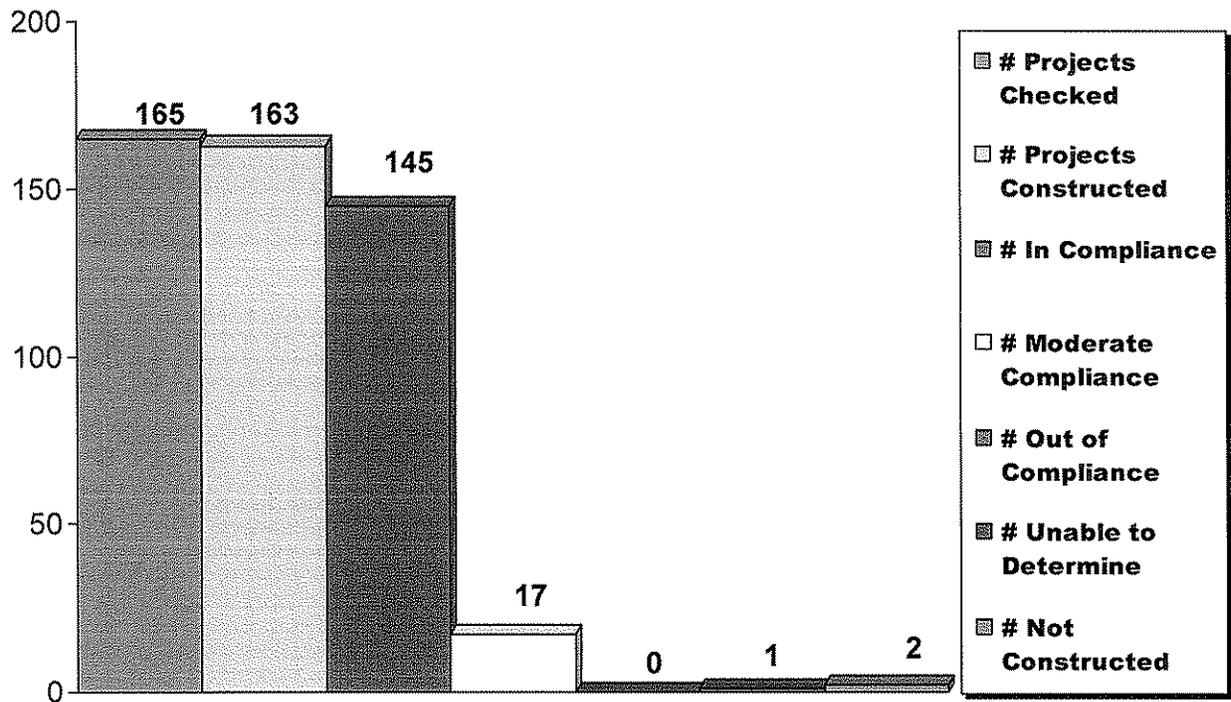


Figure 17 – Inspections for randomly selected wetland permits issued in 1997.

# 1996 Inspections

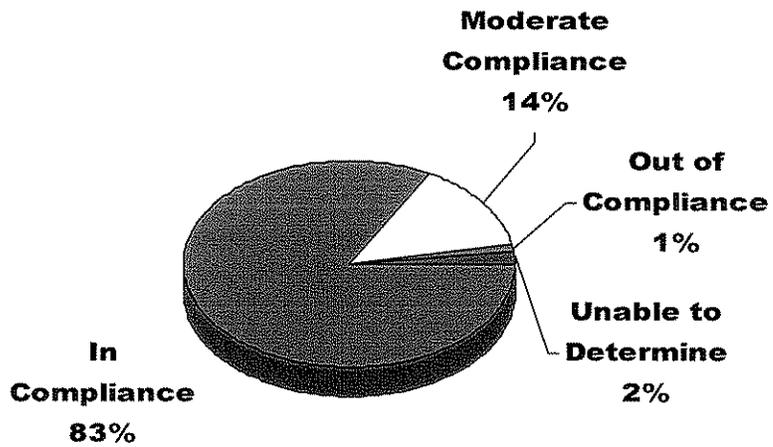
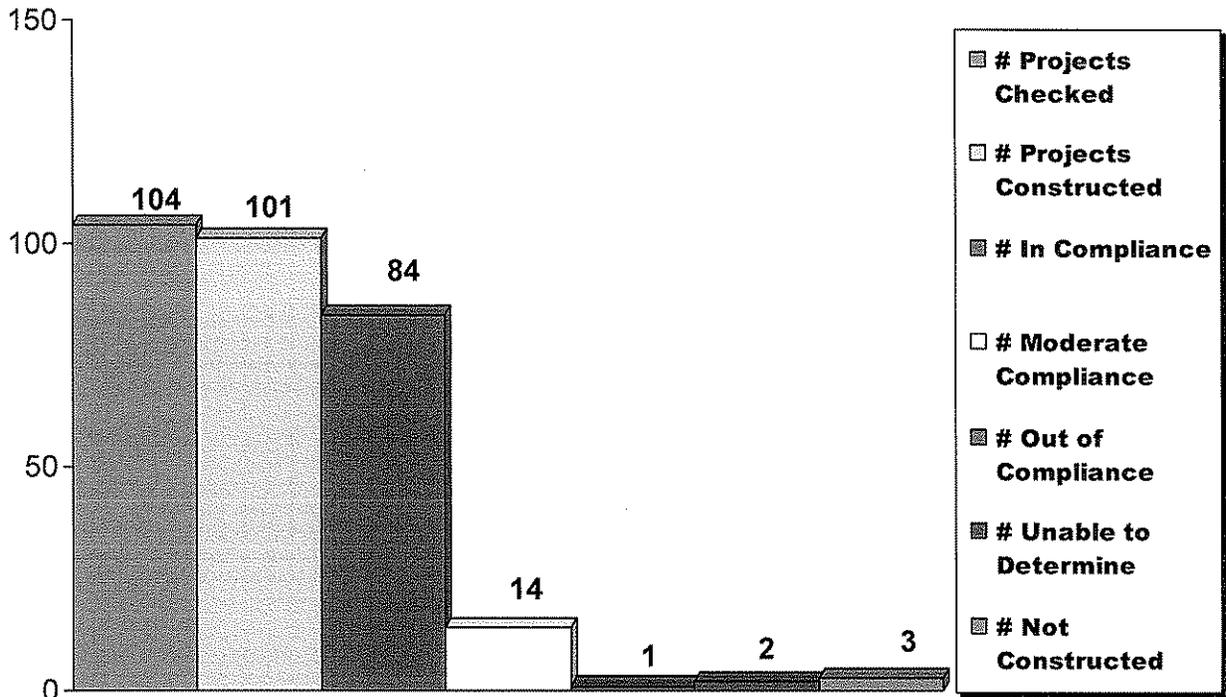


Figure 18 – Inspections for randomly selected wetland permits issued in 1996.

# 1995 Inspections

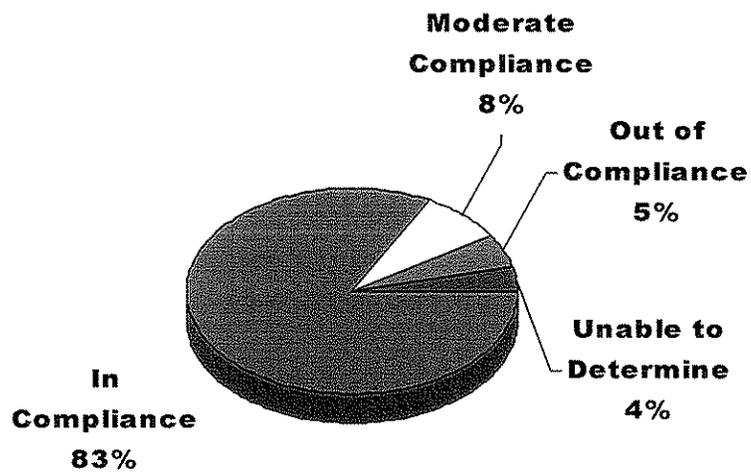
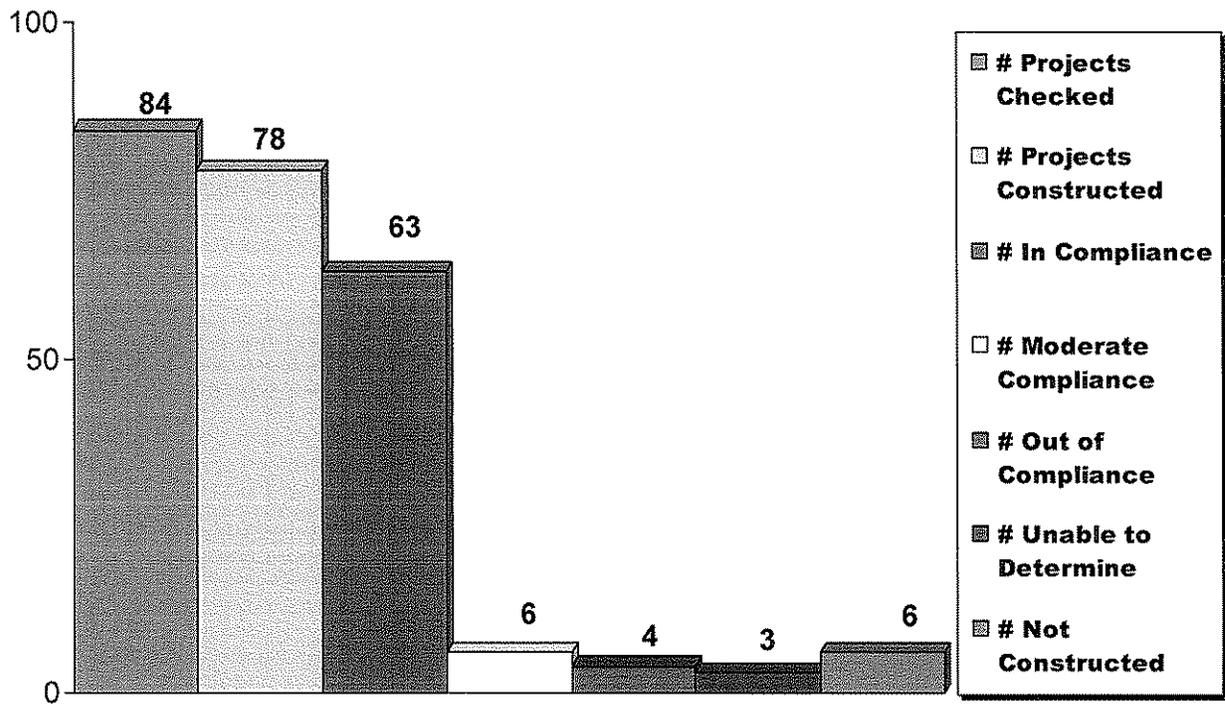


Figure 19 – Inspections for randomly selected wetland permits issued in 1995.

# 1994 Inspections

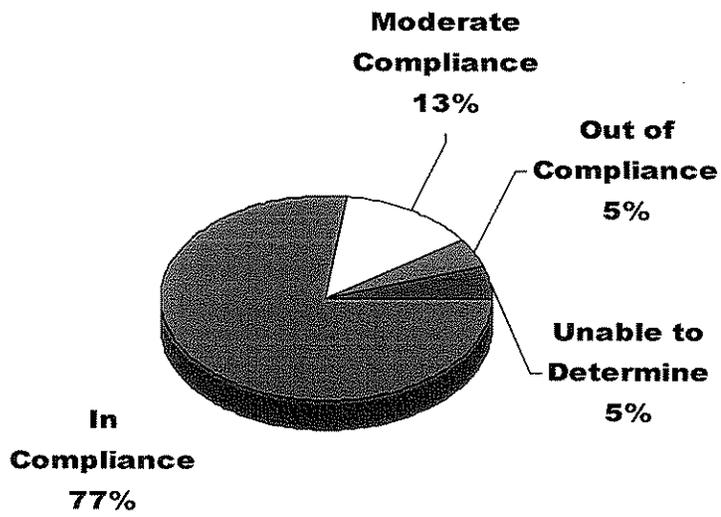
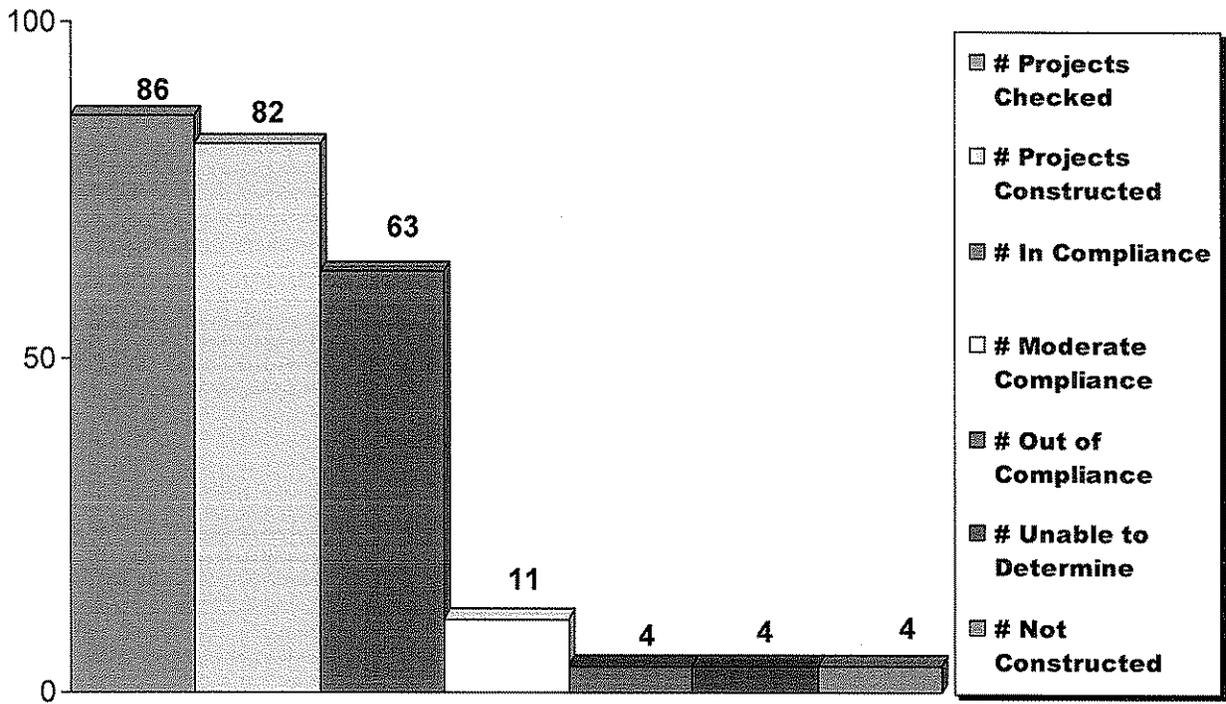


Figure 20 – Inspections for randomly selected wetland permits issued in 1994.

# 1993 Inspections

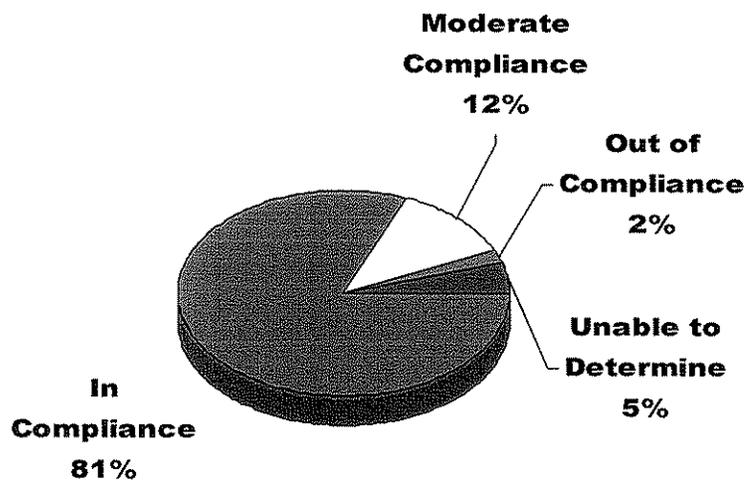
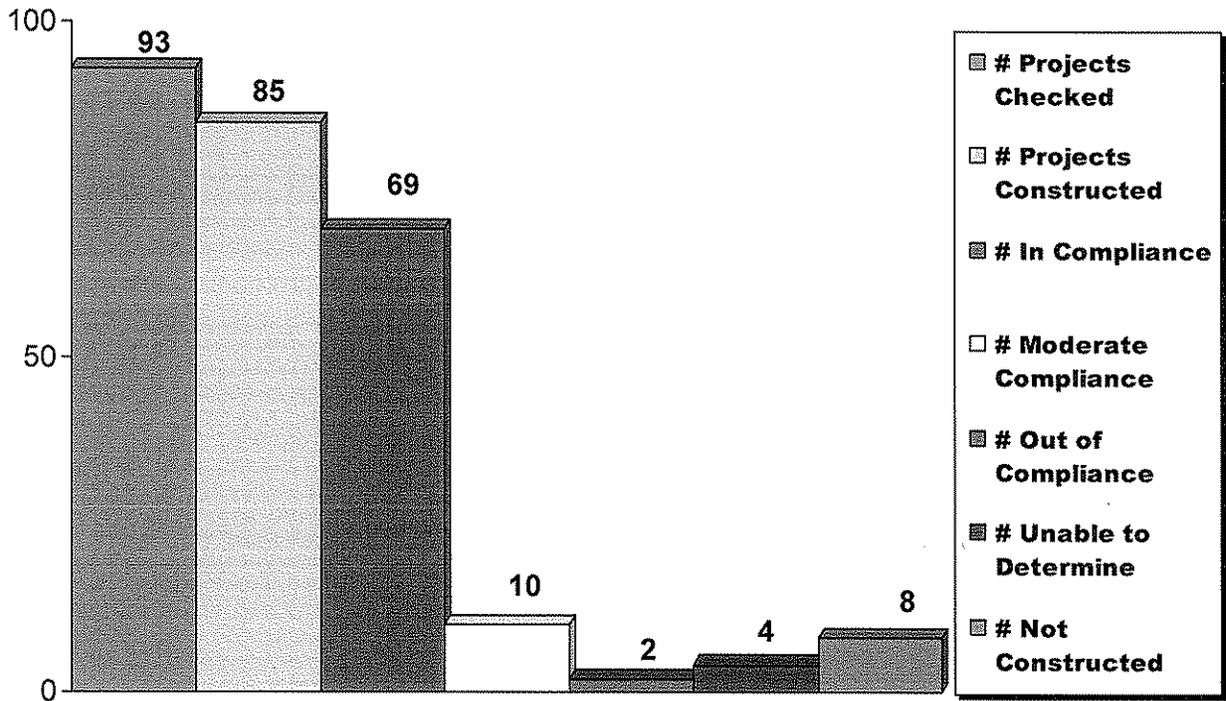


Figure 21 – Inspections for randomly selected wetland permits issued in 1993.

# 1992 Inspections

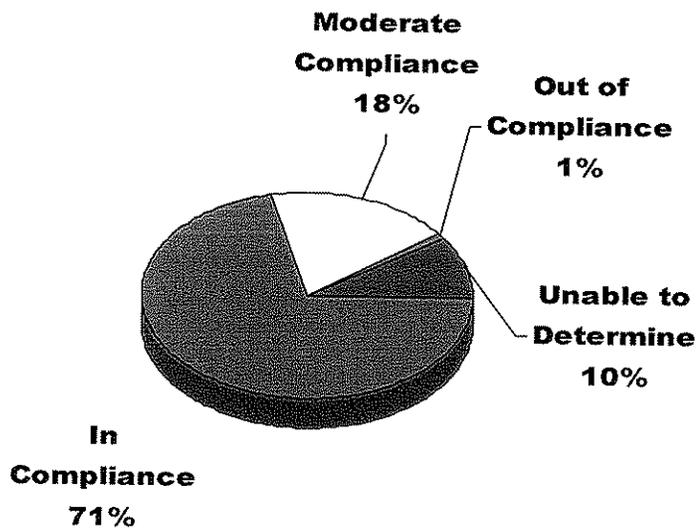
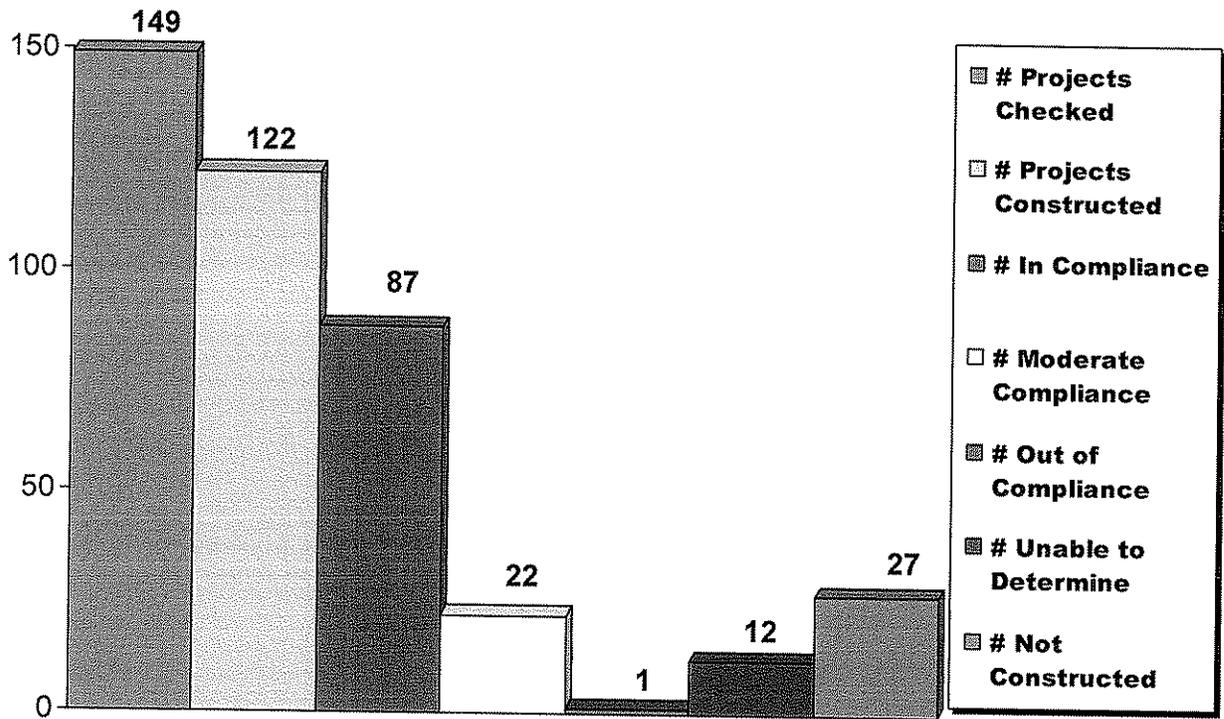


Figure 22– Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1992.

# 1991 Inspections

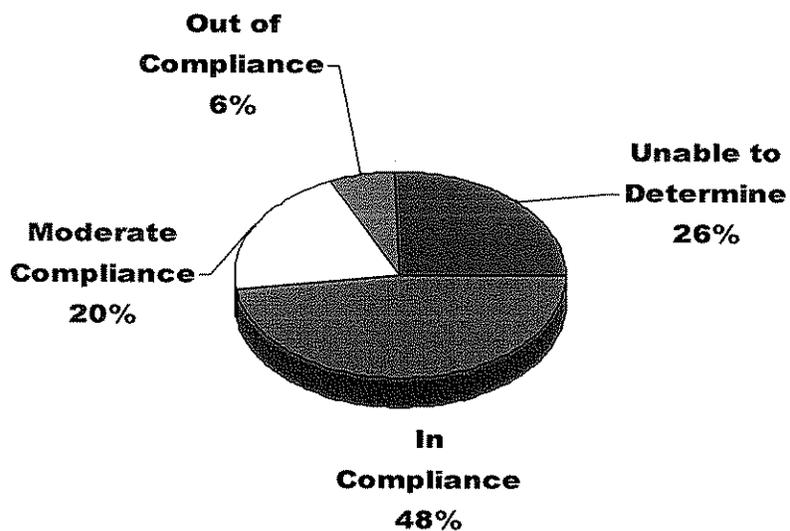
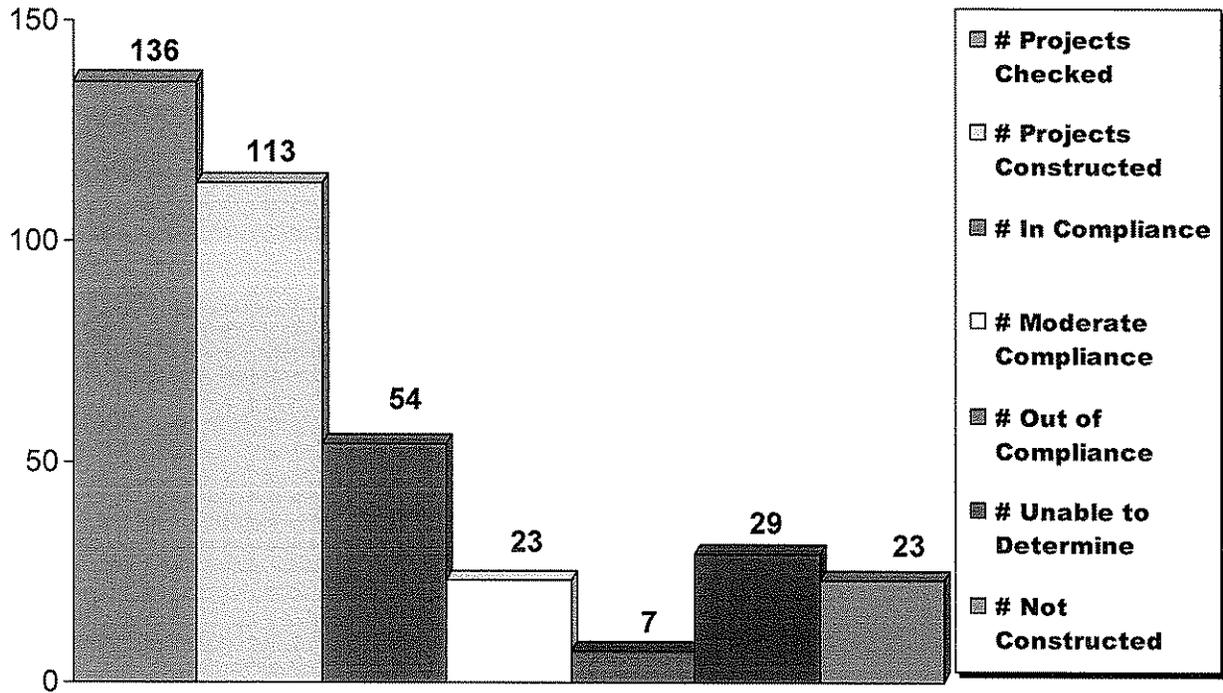


Figure 23 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1991.

# 1990 Inspections

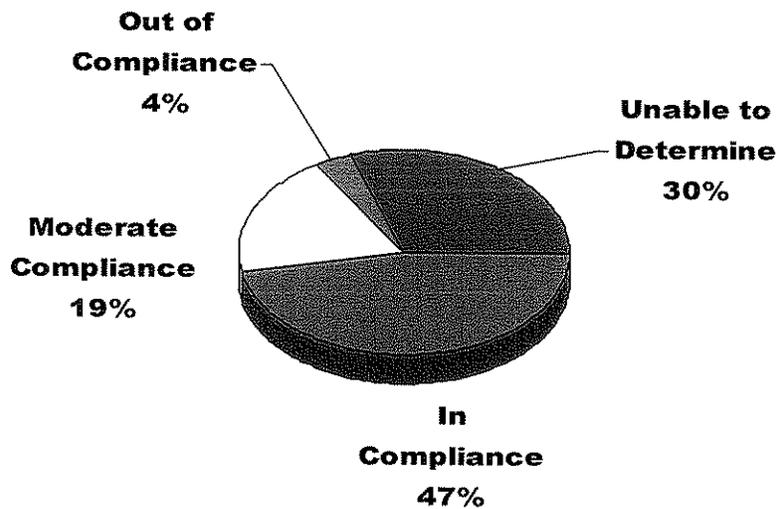
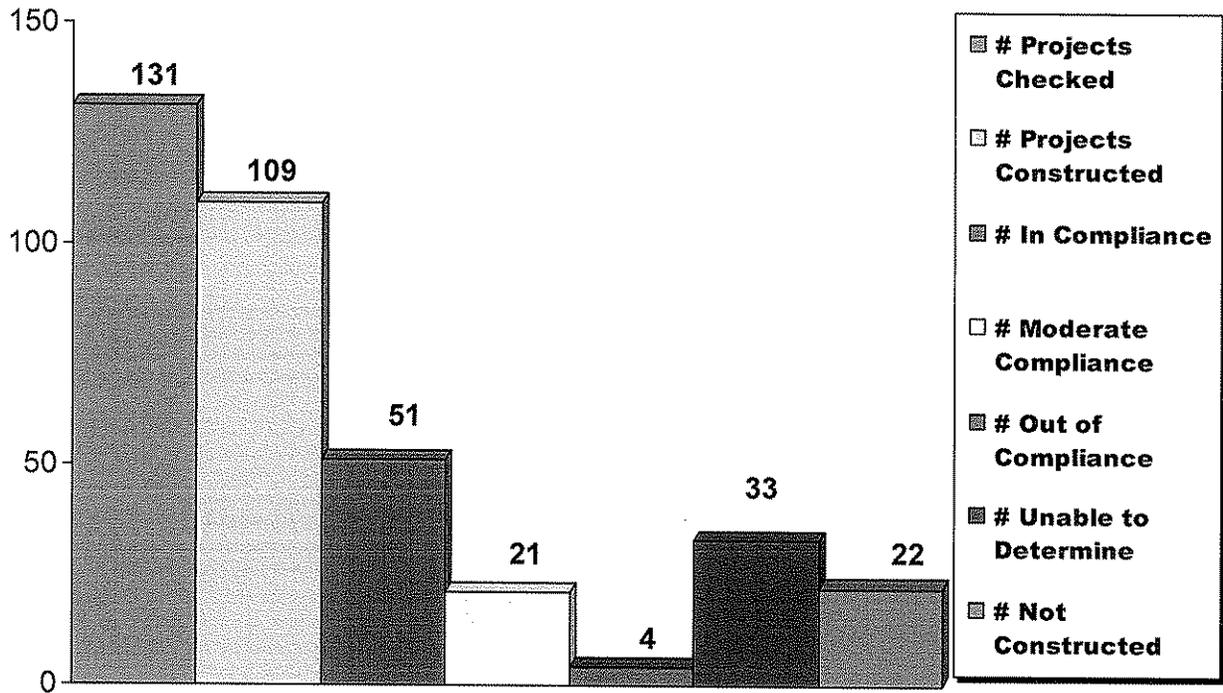


Figure 24 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1990.

# 1989 Inspections

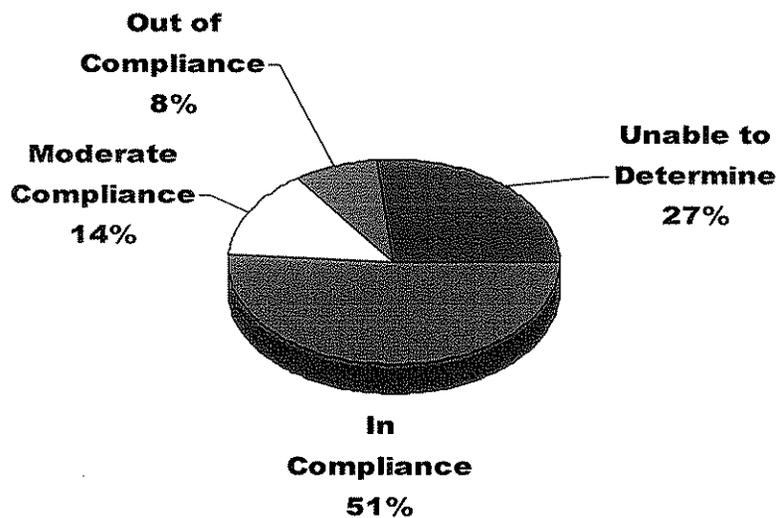
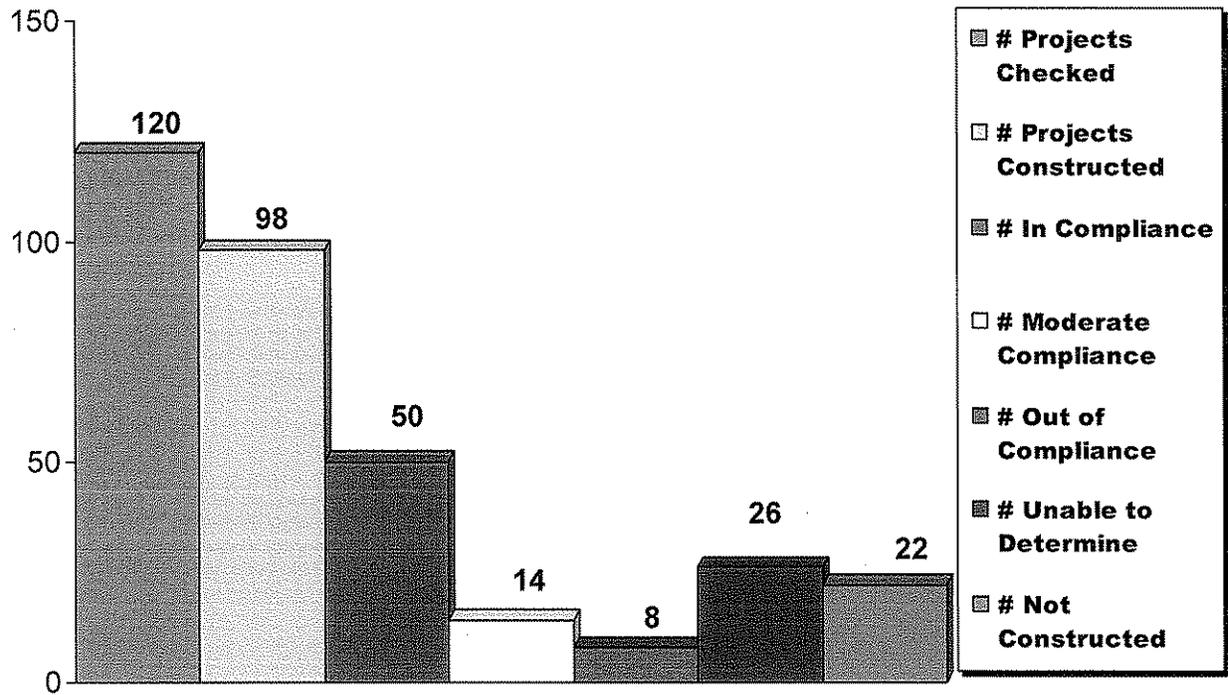


Figure 25 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1989.

Table 1

Number of projects selected for the compliance survey in each locality

Locality	Year																						
	10	09	08	07	06	05	04	03	02	01	00	99	98	97	96	95	94	93	92	91	90	89	
Accomaek	10	6	6	15	5	12	0	14	27	14	10	3	6	6	7	3	5	6	5	5	11	15	
Cape Charles	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Charles City	1	0	2	0	3	1	0	1	1	1	3	3	1	0	0	0	0	1	3	1	2	0	0
Chesapeake	1	3	4	3	1	6	7	4	5	6	7	10	4	4	5	5	5	5	4	3	5	4	4
Chesterfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0
Colonial Heights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essex	4	2	2	1	3	1	0	1	4	2	1	3	4	2	1	1	1	2	3	3	4	1	1
Fairfax	0	2	2	0	0	0	0	0	1	1	2	2	0	2	1	2	0	0	2	1	1	1	1
Fredericksburg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gloucester	5	6	5	10	7	11	4	3	4	13	7	12	10	16	6	3	4	2	2	2	8	6	3
Hampton	1	1	1	1	0	4	1	3	8	5	7	2	5	2	2	4	2	6	3	8	3	5	5
Hopewell	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
Iste of Wight	2	2	0	1	2	1	4	1	3	4	2	3	2	0	0	3	4	2	0	2	0	0	0
James City	1	1	1	1	2	3	3	1	4	8	15	2	4	3	1	5	1	1	3	1	3	1	3
King and Queen	2	1	3	2	2	1	0	0	1	1	0	0	0	0	0	0	0	0	1	3	0	1	1
King George	0	1	0	0	0	1	1	2	5	2	3	0	4	1	0	6	3	1	0	2	2	1	1
King William	0	0	0	3	2	0	0	0	0	1	3	1	1	0	0	1	1	0	1	0	1	1	1
Lancaster	12	14	9	12	7	5	7	6	8	11	10	32	19	23	10	11	7	9	9	9	15	9	9

Table 1 (Continued)

Number of projects selected for the compliance survey in each locality

Locality	Year																					
	10	09	08	07	06	05	04	03	02	01	00	99	98	97	96	95	94	93	92	91	90	89
<b>Mathews</b>	12	10	7	4	7	7	4	2	11	9	10	17	10	8	8	1	3	2	8	9	3	3
<b>Middlesex</b>	8	9	18	6	9	9	6	8	12	9	9	14	9	11	10	6	5	8	17	10	7	8
<b>New Kent</b>	0	0	0	0	2	0	1	2	1	0	3	2	4	1	0	3	1	3	1	0	1	0
<b>Newport News</b>	0	1	0	0	0	2	1	3	3	5	3	5	2	0	0	3	2	1	6	5	4	0
<b>Norfolk</b>	6	4	3	8	2	9	10	5	8	8	10	10	10	9	7	3	3	4	13	7	8	8
<b>Northampton</b>	4	1	2	4	4	3	0	0	7	7	12	2	3	1	2	2	2	2	2	1	3	1
<b>Northumberland</b>	24	34	22	32	29	15	24	15	46	22	11	40	24	34	12	8	6	6	19	8	14	19
<b>Poquoson</b>	0	1	1	1	2	4	2	8	1	10	6	3	5	4	2	1	3	3	8	4	2	1
<b>Portsmouth</b>	2	2	1	0	0	1	3	2	1	6	3	1	2	0	0	1	0	1	0	5	0	0
<b>Prince William</b>	0	0	0	0	1	1	0	0	0	0	2	5	2	0	0	0	1	0	1	0	1	1
<b>Richmond County</b>	1	0	3	2	1	2	0	1	6	4	2	1	2	1	0	1	2	1	2	3	1	0
<b>Stafford</b>	2	0	0	2	0	3	1	5	6	5	5	2	4	3	1	3	3	2	3	3	4	3
<b>Suffolk</b>	1	1	2	4	6	3	3	5	2	3	10	3	1	0	1	1	0	3	3	1	0	1
<b>Surry</b>	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	1	0	1	0	0
<b>Virginia Beach</b>	16	12	20	10	19	15	15	12	35	30	15	23	30	14	14	9	10	7	11	15	22	20
<b>West Point</b>	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0
<b>Westmoreland</b>	13	13	12	6	11	7	0	18	16	15	10	24	14	8	11	5	6	10	14	14	5	7
<b>York</b>	2	2	3	2	3	3	3	3	13	6	9	14	6	12	4	6	6	2	4	2	1	4

Table 2

Level of compliance for constructed projects

	Year															
	10	09	08	07	06	05	04	03	02	01	00	99	98	97	96	95
# of Projects Reviewed	130	130	130	130	130	130	100	125	240	212	191	241	190	165	104	84
# of Projects Constructed	114	109	110	114	116	114	76	119	185	188	156	214	178	163	101	78
% of Projects Reviewed	88%	84%	85%	88%	89%	88%	76%	95%	77%	89%	82%	88%	94%	98%	97%	93%
# in Compliance	103	99	101	106	104	105	66	100	171	169	130	196	160	145	84	63
% of Projects Constructed	90%	91%	93%	90%	92%	92%	87%	85%	93%	90%	83%	92%	90%	89%	83%	83%
# in Moderate Compliance	6	4	0	5	6	5	3	12	11	7	17	14	12	17	14	6
% of Projects Constructed	5%	4%	0%	4%	5%	4%	4%	10%	6%	4%	11%	7%	6%	10%	14%	8%
# Out of Compliance	0	0	2	0	2	4	3	4	0	0	5	0	3	0	1	4
% of Projects Constructed	0%	0%	2%	0%	2%	4%	4%	3%	0%	0%	3%	0%	2%	0%	1%	5%
# Compliance Indeterminable	5	6	7	3	4	0	4	2	3	12	4	4	3	1	2	3
% of Projects Constructed	4%	6%	7%	3%	3%	0%	5%	2%	1%	6%	3%	1%	2%	1%	2%	4%

Table 2 (Continued)

Level of compliance for constructed projects

	<u>Year</u>						
	94	93	92	91	90	89	
<b># of Projects Reviewed</b>	86	93	149	136	131	120	
<b># of Projects Constructed</b>	82	85	122	113	109	98	
<b>% of Projects Reviewd</b>	95%	91%	82%	83%	83%	82%	
<b># in Compliance</b>	63	69	87	54	51	50	
<b>% of Projects Constructed</b>	77%	81%	71%	48%	47%	51%	
<b># in Moderate Compliance</b>	11	10	22	23	21	14	
<b>% of Projects Constructed</b>	13%	12%	18%	20%	19%	14%	
<b># Out of Compliance</b>	4	2	1	7	4	8	
<b>% of Projects Constructed</b>	5%	2%	1%	6%	4%	8%	
<b># Compliance Indeterminable</b>	4	4	12	29	33	26	
<b>% of Projects Constructed</b>	5%	5%	10%	26%	30%	27%	

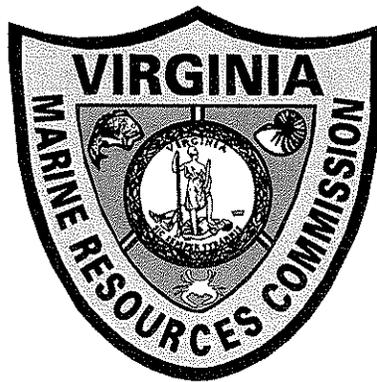
Table 3  
Wetland Board Compliance monitoring in each Locality.

Locality	Program		all	Project Checked	
	Formal	Informal		random	none
Accomack		x		x	
Cape Charles		x		x	
Charles City		x	x		
Colonial Heights		x		x	
Essex		x		x	
Fairfax		x	x		
Fredericksburg					x
Gloucester	x		x		
Hampton	x		x		
Hopewell		x		x	
Isle of Wight		x		x	
James City	x		x		
King & Queen	x		x		
King George		x		x	
King William		x		x	
Lancaster		x	x		
Mathews	x		x		
Middlesex	x			x	
New Kent		x		x	
Newport News		x		x	
Norfolk		x		x	
Northampton		x		x	
Northumberland		x		x	
Poquoson	x		x		
Portsmouth		x		x	
Prince William		x		x	
Richmond Co	x		x		
Stafford	x		x		
Suffolk	x		x		
Surry		x		x	
Virginia Beach	x			x	
West Point	x		x		
Westmoreland		x		x	
York	x		x		

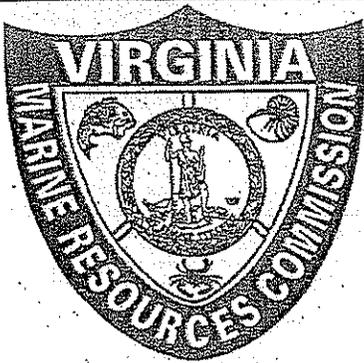
# **ATTACHMENT A**

## **Permit Compliance and Inspection Program: Findings and Guidance Document**

**VIRGINIA MARINE RESOURCES  
COMMISSION  
Permit Compliance  
And  
Inspection Program**



**November 2012**



Habitat Management Division - Special Report  
December 1991

## Permit Compliance and Inspection Program: Findings and Guidance Document

Robert C. Neikirk

### INTRODUCTION

The Virginia Marine Resources Commission ("the Commission" or "VMRC"), in conformance with Section 62.1-3 of the Code of Virginia, is the State agency responsible for issuing permits for encroachments in, on, or over State-owned submerged lands throughout the Commonwealth. The Commission has possessed this regulatory authority since 1962. We currently process over 2,000 applications and issue nearly 500 permits annually. Virginia is a "low water state" and assumes jurisdiction of submerged lands channelward of the mean low water mark in tidal waters, and has regulatory authority channelward of the ordinary high water mark on most naturally occurring nontidal perennial streams.

In addition to managing the Commonwealth's submerged lands, the Commission also regulates certain activities in tidal wetlands and coastal primary sand dunes pursuant to Chapters 2.1 and 2.2 of Title 62.1 of the Code of Virginia. Local governments have the option to adopt and administer the ordinance. VMRC asserts original jurisdiction in those Tidewater localities which have not assumed local regulation through the adoption of the model wetlands and dunes ordinances. Even where locally adopted and implemented, the Commission retains oversight responsibilities for all decisions made by those local wetlands boards.

The regulatory activities conducted by the Commission and the 34 local wetlands boards are integral core components of Virginia's approved Coastal Zone Management Program. The permit review processes used by the Commission and these local wetlands boards ensures that necessary economic development is permitted in a manner which

minimizes adverse impacts to the valuable natural resources within our coastal zone.

Permit compliance is a mandatory component of any effective regulatory program. As such, it is essential that the terms and conditions contained in those permit documents be followed if we are to realize the full benefits of the regulatory program. Without such permit compliance, the regulatory process breaks down and serves only to increase bureaucracy.

In July 1990, Senate Bill 183 became law (Ch. 881 Acts of Assembly 1990). This legislation provided the Commission and local wetlands boards with the authority to issue restoration orders and assess civil charges for violations of the applicable subaqueous, wetlands and sand dune statutes. An ability to accurately determine and monitor compliance with permit requirements is essential if the agency and wetlands boards are to effectively carry out the intent of this legislation.

Unfortunately, Commission staff does not currently have a standardized procedure for monitoring permit compliance. Instead, the staff engineer assigned responsibility for a particular locality will attempt to inspect projects which are under construction or have been recently completed. Quite often such compliance inspections are in response to the receipt of an inquiry or complaint. Additionally, the Commission's marine law enforcement personnel are often aware of permitted projects in their localities and occasionally make site inspections during the performance of their daily duties. In either case, however, only a small percentage of the projects permitted by VMRC are routinely inspected for compliance.

Permits issued by wetlands boards are also not always carefully reviewed for compliance upon project completion. Independent studies conducted by Bradshaw (1990), Hershner et al. (1985) and a survey conducted in conjunction with this project indicate that the extent of permit compliance monitoring by local wetlands boards varies between localities. That effort

*This report was funded, in part, by the Virginia Council on the Environment's Coastal Resources Management Program through grant # NA90AA-H-CZ796 of the National Oceanic and Atmospheric Administration under the Coastal Zone Management Act of 1972 as amended.*

ranges from rigid compliance monitoring programs to virtually nonexistent monitoring. The level of monitoring is quite often dictated by both the amount of permit activity and available staff time. Therefore, although permit compliance monitoring is an essential element of the regulatory process and a valuable tool for gauging the effectiveness of the permitting system, there is not a standard procedure for such monitoring, and only a few wetlands boards actually utilize a comprehensive compliance program.

This study, funded in part by the National Oceanic and Atmospheric Administration through a grant received under the Coastal Zone Management Act of 1972 as amended, was conducted to study permit compliance, develop a permit compliance and monitoring program for use by the Marine Resources Commission, and to make recommendations to the local wetlands boards, where appropriate, in an effort to help improve their permit compliance efforts.

### COMPLIANCE SURVEY

The compliance survey was designed to investigate and gauge the effectiveness of the various compliance monitoring programs currently utilized by VMRC and local wetlands boards. The survey was intended both to identify existing compliance shortcomings and to ascertain effective compliance monitoring techniques in order to develop concise recommendations to enhance compliance monitoring programs.

#### Methods

One hundred and forty (140) projects were randomly selected from a pool of 778 applications submitted in 1989 for permits to use or develop tidal wetlands or to encroach in, on, or over State-owned submerged land. Applications for subaqueous permits outside of the Tidewater region were excluded from the selection pool, as were applications which did not require a permit from either the local wetlands board or VMRC. Also excluded were applications which only requested authorization for private boathouses. Although more recently issued permits could have been used, 1989 permits were selected because it was believed that the majority of these projects would likely have been constructed by the time of the survey.

The 140 selected applications were screened and those applications which were submitted after-the-fact, involved only subaqueous dredging, or had

not yet received a permit due to delays or denial were discarded. After screening, 120 projects remained in the sample group. Prior to conducting the survey we consulted with Mr. Lyle Varnell and other members of the Wetlands Department at the Virginia Institute of Marine Science and determined that a sample size equal to or greater than 120 should provide statistically significant results.

Table 1.

Number and jurisdictional type of project selected for the compliance survey in each locality.

Locality	Rural/Urban	# of Projects	Type of Project
Accomack	Rural	15	3S, 7W, 5B
Chesapeake	Urban	4	4W
Essex	Rural	1	1B
Fairfax	Urban	1	1W
Gloucester	Rural	3	1S, 1W, 1B
Hampton	Urban	5	3S, 2W
James City	Urban	3	3W
King George	Rural	1	1W
King and Queen	Rural	1	1W
King William	Rural	1	1B
Lancaster	Rural	9	1S, 5W, 3B
Mathews	Rural	3	3W
Middlesex	Rural	8	1S, 5W, 2B
Norfolk	Urban	8	1S, 6W, 1B
Northampton	Rural	1	1S
Northumberland	Rural	19	18W, 1B
Poquoson	Urban	1	1W
Prince William	Urban	1	1B
Stafford	Urban	3	2S, 1W
Suffolk	Rural	1	1W
Virginia Beach	Urban	20	14W, 6B
Westmoreland	Rural	7	4W, 3B
York	Urban	4	3W, 1B
Totals			
23 Localities	13 Rural	120 Projects	13 Subaqueous
	10 Urban	Reviewed	81 Wetlands
			26 Both

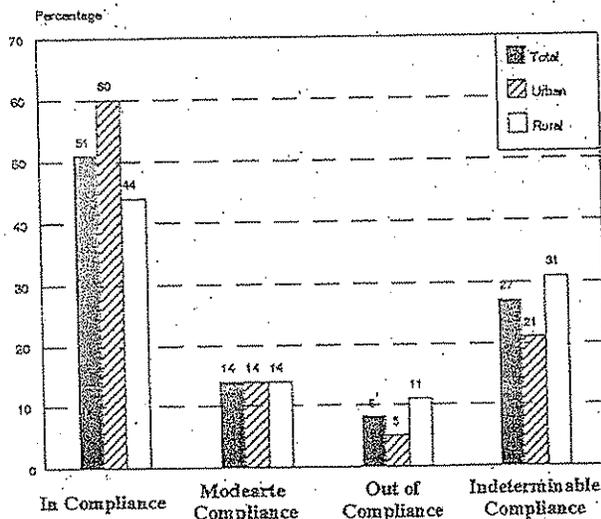
Permit activity per locality is highly variable. For example in 1989 there were no applications received in some localities while in others over 200 were reviewed. Since permit activity varies widely between localities and because the study hoped to draw conclusions on the



**Table 2.**  
Compiled results of compliance survey conducted for projects permitted in Tidewater during 1989.

	Total	Urban	Rural
# of Projects Reviewed	120	50	70
% of Projects Reviewed	n/a	42%	58%
# of Projects Constructed	98	43	55
% of Projects Reviewed	82%	86%	79%
# in Compliance,	50	26	24
% of Constructed Projects	51%	60%	44%
# Moderate Compliance	14	6	8
% of Constructed Projects	14%	14%	14%
# Out of Compliance	8	2	6
% of Constructed Projects,	8%	5%	11%
# Compliance Indeterminable	26	9	17
% of Constructed Projects	27%	21%	31%

**Figure 2.**  
Projects categorized by level of compliance.



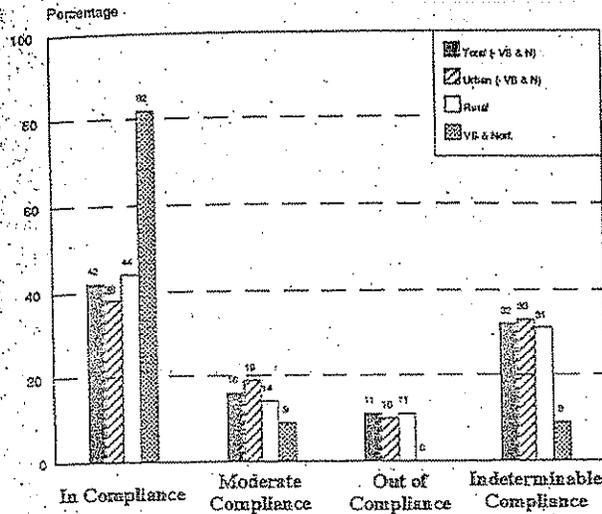
Due to the somewhat subjective nature of the data and the low number of samples in some of the sub-groups, no statistical tests for significance were attempted. Nevertheless, there appears to be a discernible difference between rural and urban localities in all the categories other than "Moderate Compliance." A clearer disparity exists, however, when the cities of Virginia Beach and Norfolk are factored independently and then compared to all other localities. This is presented in Table 3 and illustrated in Figure 3.

**Table 3.**  
Compiled results of compliance survey conducted for projects permitted in Tidewater during 1989. Va. Beach and Norfolk factored independently.

	Total	Urban	Rural	Va. Beach & Norfolk
# Projects Reviewed	93	22	70	28
% Projects Reviewed	77%	18%	58%	23%
# Projects Constructed	76	21	55	22
% Projects Reviewed,	82%	95%	77%	79%
# in Compliance	32	8	24	18
% Constructed Projects	42%	38%	44%	82%
# Moderate Compliance,	12	4	8	2
% Constructed Projects	16%	19%	14%	9%
# Out of Compliance	8	2	6	0
% Constructed Projects	10%	10%	11%	0%
# Compliance Indeterminable	24	7	17	2
% Constructed Projects	32%	33%	31%	9%

Figure 3 clearly illustrates a disparity between the cities of Virginia Beach and Norfolk when compared to all other Tidewater localities. Eighty-two (82) percent of the completed projects reviewed in Virginia Beach and Norfolk were determined to be in compliance, whereas only 42% of all other projects reviewed were categorized as "In Compliance". Also noteworthy is how similar the percentages of the urban and rural localities become once Virginia Beach and Norfolk are factored out.

Figure 3.  
Projects categorized by level of compliance. Va. Beach  
and Norfolk factored independently.



### Discussion

A cursory review of the survey results is at first very discouraging. Of all the constructed projects reviewed, only 51% were determined to be in compliance. It is important to note, however, that compliance could not be determined for one reason or another at 27% of the sites visited. The fact that compliance could not be determined does not automatically mean that the projects were not built in conformance with the intent of the permit document.

In fact, it is more encouraging to note that the vast majority of the sites visited even where compliance could not be determined, appeared to have been constructed along reasonable alignments and were often the proper length or width or both. This seems to indicate a general intent to comply with permit requirements. This opinion is further supported by the fact that, of all those projects where compliance could be determined, 89% were determined to be in either total or moderate compliance.

The primary problem identified during the survey was the inability to precisely determine compliance at 27% of the sites visited. Many of the permits did not have adequate drawings or benchmarks to ensure compliance. Additionally, many permits contained ambiguous conditions such as, "approximately" or "as close to the bank as possible", which are by their nature virtually unenforce-

able. Compliance determinations are made more difficult when the person inspecting the constructed project was not present during the initial site visit and is therefore unfamiliar with preconstruction conditions. Without the aid of precise benchmarks or other means to pinpoint the alignment of a project, compliance determinations are difficult at best and frequently impossible.

As expected, the projects in localities that require more detailed application drawings and information exhibited a higher percentage of determinable compliance. This is illustrated in Figure 3. Compliance could be determined at 91% of the sites inspected in Virginia Beach and Norfolk. Both of these localities require detailed permit drawings with identifiable benchmarks. Both also regularly conduct post-construction compliance inspections. Additionally, Virginia Beach requires professionally engineered project drawings and further requires the permittees to post performance bonds. Those bonds are not released until post-construction inspections have determined that projects are indeed in compliance with the permit granted by the Board.

Not only was compliance usually determinable at the Virginia Beach and Norfolk projects, but the level of compliance was generally higher as well. This is most likely attributed to the regular post-construction inspections. Ninety (90) percent of the projects where compliance could be determined in Virginia Beach and Norfolk were determined to be in compliance and 10% were in moderate compliance. None of the inspected sites were determined to be out of compliance. By comparison, 15% of the sites visited in other localities, were categorized as out of compliance, where compliance could be determined.

Prior to conducting the study, it was anticipated that there would be a marked difference in compliance levels between urban and rural localities. Initially this appeared to be the case. Once Virginia Beach and Norfolk were factored independently from the other urban localities, however, the data revealed very little difference in compliance levels between urban and rural localities.

It appears that the programs being implemented by Virginia Beach and Norfolk are effective in ensuring permit compliance. As a result, the recommendations for improving compliance draw heavily on the examples provided by these localities.

### SUMMARY AND RECOMMENDATIONS

The increasing importance of effective compliance monitoring cannot be overstated. Recent legislative changes which authorize VMRC and wetland boards to issue restoration orders and assess civil charges for violations of wetlands, dunes, and subaqueous statutes necessitate compliance programs which can accurately

ascertain whether projects were conducted in conformance with the applicable permit documents. According to the 1988 report by the Year 2020 Panel entitled, "Population Growth and Development in the Chesapeake Bay Watershed to the year 2020", Tidewater will experience continued and rapid population growth over the next two decades. As a result, conflicts between the various competing user groups within the coastal region can only be expected to increase and the issues become more complex. Effective regulation and compliance monitoring will be essential if we are to accommodate and manage this growth while limiting adverse impacts to our finite coastal resources.

When developing compliance monitoring policies it will be important for the wetland boards and VMRC to strike an appropriate balance between an effective program and unnecessary bureaucratic red tape. If the policies and procedures are overly complex, time consuming, or expensive, public outcry and resistance is sure to occur. Therefore, the following recommendations are intended to provide the minimum mechanisms necessary to guarantee increased compliance without imposing undue or unrealistic hardships upon the applicant.

#### Recommendations to Wetlands Boards to Enhance Compliance Efforts

Wetlands board compliance monitoring efforts vary widely between localities. As a result, some of the following recommendations will not be applicable to all boards. In fact, many of the recommendations were developed from existing wetlands board policies which have proven to be effective. The majority of the recommendations are designed to assist boards in developing an acceptable compliance monitoring program if they don't currently have one. They may also provide suggestions for improvement in those boards with existing compliance procedures.

We acknowledge that numerous localities are already financially constrained and as such may not have the additional funds or personnel necessary to dedicate to an expansion of their wetlands programs. These recommendations were developed with that in mind. Most can be effectively implemented without additional manpower. In fact, once underway, an active compliance monitoring program could actually streamline project reviews and reduce the number of time consuming violations and after-the-fact permit requests that a board now considers.

1. Require detailed drawings for all projects requiring a wetlands permit. At a minimum, all of the information contained in the Joint Permit Application drawing checklist should be included in the drawings. Some boards have taken this a step further and require professionally engineered drawings on all projects, while others require such P. E. stamped drawings only on commercial projects or large projects that surpass a certain threshold of impact. These requirements should be clearly established as wetland board policies. An application should not be considered complete until all the required information has been received.

2. Special attention should be given to requiring accurate benchmarks and reference points. Accurate distances from fixed reference points or benchmarks to each end and/or angle of the structure or impacted area should be required. A sample plan view drawing containing representative benchmarks is provided in Attachment 1. These distances should be carefully confirmed during the initial site visit since they will ultimately become the final indicators of permit compliance. If benchmarks prove impractical for a particular project, then a condition requiring that the alignment be staked and inspected prior to permit issuance should be imposed as conditions of approval. Some boards also require that the alignment of a bulkhead be inspected and approved after installation, but prior to backfilling, to reduce the environmental impacts and costs of restoration in the event it has been improperly constructed.

3. Take an adequate number of photographs or slides during the initial site visit to clearly document pre-construction site conditions. In addition to providing valuable reference material for public hearings, photographic documentation provides clear comparative evidence when determining permit compliance. If video equipment is available, it may prove to be another helpful tool. VCR tapes may even be less expensive and easier to archive in the long run. Photographic documentation is especially valuable if the project will require the grading of the adjacent upland.

4. Conduct routine post-construction inspections. Although this may involve additional man-hours, it is the only mechanism available to ensure permit compliance. If the required permit drawings and benchmarks are clear and accurate, the compliance checks can usually be conducted quickly, even by individuals unfamiliar with the project. Some localities might wish to utilize their existing local building or code compliance inspectors to check wetland board permit compliance during their other regular duties. If a post-construction inspection policy is adopted by the board, the inspectors should utilize a compliance inspection worksheet similar

to the one developed by VMRC. This form may be found as Attachment 2. The worksheet will help to ensure that all the necessary information is gathered during the inspection and will provide a quick reference in the event questions regarding the project arise later. Additionally, the worksheet information should be provided to VMRC for incorporation into the compliance data base. The data base will provide a valuable source of information on compliance and the overall effectiveness of individual wetlands boards.

5. Utilize only enforceable permit conditions and avoid nebulous statements such as "approximately" and "as close to the bank as possible." Instead, the board should negotiate a specific maximum encroachment, length, or amount of impacts should modifications become necessary to satisfy any concerns. If modifications or revisions are agreed to during the public hearing, revised drawings which accurately reflect the modification, including revised benchmark distances, should be required prior to permit issuance.

6. Develop a wetland board placard to be posted by the permittee at all permitted project sites during construction. The placard can serve to aid inspectors and concerned citizens when a project is under construction and problems or questions arise. The placard would provide the name and permit number, making identification and inspection of the project easier. If the locality already requires building permits for all wetland projects, they may wish to avoid duplication and just add the wetland permit number to the placard for easy identification. A sample placard that was developed for VMRC is provided as Attachment 3.

7. Performance bonds can be utilized to provide a financial incentive to comply with wetlands permits. Some boards currently require all permittees to post a performance bond. That bond is not released until a post-construction inspection has determined that the project was constructed in conformance with the permit document. Some boards may determine that bonds are not appropriate for all projects due to low permit activity or the fact that additional man-hours are required to process the bonds.

Bonds are a compliance mechanism that are already provided for in the wetlands law. They are routinely used effectively by a few boards to ensure compliance. The bonds are typically set high enough to provide sufficient funds to undertake restoration in the event of noncompliance. Bonds also

provide an additional mechanism for ascertaining when the permitted construction has been completed, since the permittee will typically call for a compliance inspection soon thereafter in order to have his bond released. Whether or not the board develops a performance bond policy for all projects, performance bonds should be considered as a valuable tool to ensure compliance on projects of special concern.

#### Recommendations VMRC Should Consider to Enhance Compliance Efforts

Virginia state agencies are also currently operating within strict fiscal constraints. In addition, all agencies continue to explore ways to streamline the permitting process. As a result, it is especially important that any new compliance enhancement policies not result in additional burdens on VMRC's financial resources nor result in unnecessary additional requirements imposed on the applicant. The following recommendations are made with this in mind and are typically policy and procedural type changes rather than an imposition of new requirements on the applicant. Many of the recommendations for VMRC are similar to those noted for wetlands boards.

1. Require detailed drawings for all projects requiring a VMRC permit. Staff engineers should utilize the drawings checklist found in the Joint Permit Application in their initial review of each application to determine completeness. Areas where insufficient data was provided should be conveyed to the applicant with the acknowledgement letter. Incomplete applications should not be processed. If adherence to this policy fails to provide the anticipated results, the Commission may wish to consider adopting a regulation that requires professionally engineered drawings be submitted on all commercial projects, or for projects exceeding a certain threshold of impact or value. In the event an engineer can clearly determine from the available information that a VMRC permit will not be required, additional information to satisfy this policy would not be necessary.

2. Accurate benchmarks or reference points should be required on the plan view drawing(s) of all projects requiring VMRC authorization. Accurate distances from the benchmark to each end, and angle of the structure or impacted area should be mandatory. These distances should be routinely checked during the initial site visit. If benchmarks are impractical for a certain project, it may be necessary to have the applicant stake the impacted area. If staking is utilized, the engineer should take an adequate number of slides to accurately document the proposed alignment. This may well be the case for dredging proposals.

3. Engineers should take an adequate number of slides during the initial site visit to clearly illustrate pre-construction site conditions. Photographs provide a valuable source of information when reviewing constructed projects for compliance. They are especially valuable when a great deal of time has elapsed since the initial site visit and in those cases where the engineer who originally reviewed the project is no longer available to assist.

Although slides have been used almost exclusively in the past for photographic documentation, it may be useful to utilize video tape for certain types of projects. If video taping is used more frequently, it may be necessary to develop a method to archive the tapes for easy access and retrieval.

4. Engineers should conduct post-construction inspections at all sites permitted by VMRC. The post-construction inspection form found in Attachment 2 should be utilized to ensure that all necessary information is gathered during the visit.

The Commission should consider expanding their existing Memorandum of Agreement with the Department of Game and Inland Fisheries to include the use of VDGIF personnel to conduct the post-construction inspections in the western portion of the State.

Dredging projects should be evaluated by boat. Soundings should be taken to ascertain compliance. Dredging inspections should be conducted as soon after completion as practical to minimize the likelihood that additional impacts from non-dredging related factors could obscure or cloud the dredged dimensions of the area. If available, a chart recorder or a precise recording fathometer would be especially valuable to document the inspection.

In order to receive notification of the completion of permitted activities, VMRC should consider re-instituting the former postcard notification procedure. Should the permittees fail to regularly return the postcards upon completion, which was often the case in the past, the Commission might have to resort to bonding or some other form of deposit. This bond would not be released until after a post-construction inspection had confirmed permit compliance. It might be necessary to seek legislative authorization if the Commission is to require bonds for permits issued under Section 62.1-3.

5. Data collected from the post-construction inspections should be incorporated into the Habitat Management Division's existing computer tracking system. This would provide an easy

method to identify projects which have yet to be inspected, as well as, provide the next logical step in permit tracking. Used in conjunction with the existing project description tracking data, the new data would allow examination of compliance by such attributes as, project type, locality, contractor and agent involved. It would also provide important data on the number of projects which actually get completed. This information would provide an additional valuable tool for monitoring compliance and identifying potential shortcomings in the regulatory program.

VMRC should strongly encourage local wetlands boards to conduct routine post-construction inspections utilizing the compliance worksheet and provide the results of the inspections to VMRC for incorporation into the compliance tracking data base. Projects in localities which opt not to conduct routine post-construction inspections should be inspected by VMRC personnel, if necessary, to obtain the compliance data.

#### Literature Cited

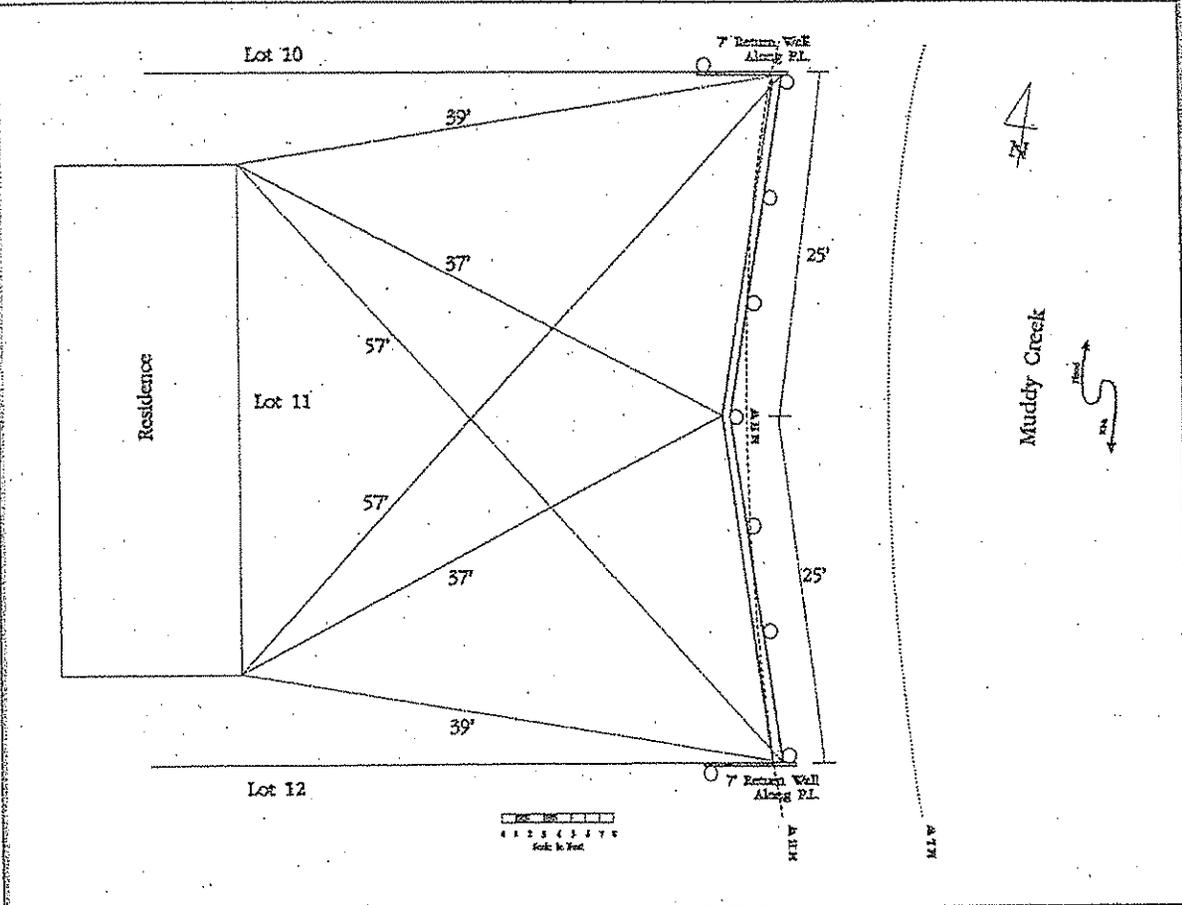
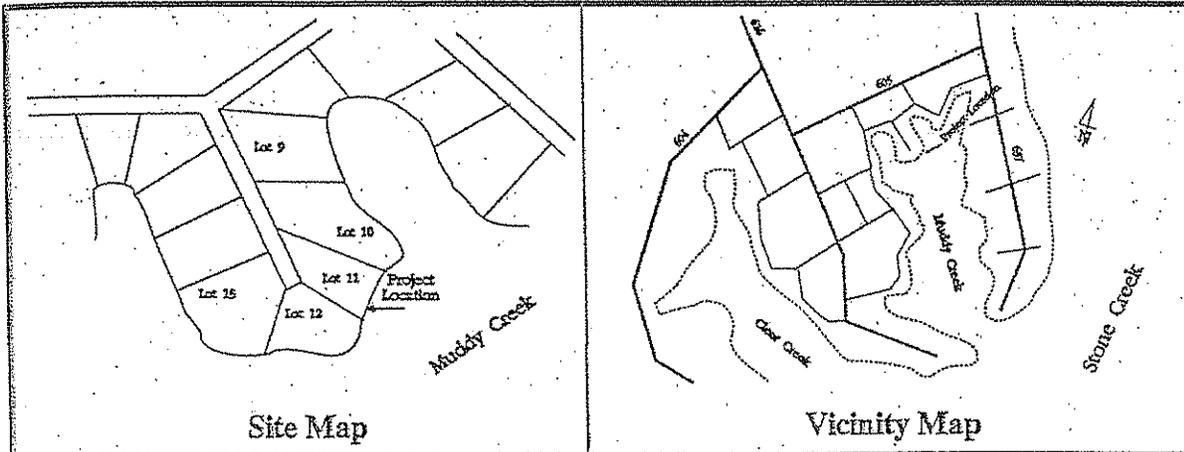
Bradshaw, J.G. 1990. Monitoring of compliance with permits granted by local wetlands boards. Technical Report No. 90-1. 7p. College of William and Mary, Virginia Institute of Marine Science, Wetlands Program, Gloucester Point, Virginia.

Hershner, Carl, Thomas A. Barnard, Jr., and N. Bartlett Theberge. 1985. Analysis of Virginia's local wetlands boards. Pgs. 537-543 in Magoon, Orville T., Hugh Converse, Dallas Minor, Delores Clark and L. Thomas Tobin, eds. Coastal Zone '85. Proceedings of the Fourth Symposium on Coastal and Ocean Management. American Society of Civil Engineers. New York. 2672p.

University of Virginia, Center for Public Service, 1987. Virginia Statistical Abstract. Center for Public Service, University of Virginia. Charlottesville, Va.

Year 2020 Panel. Population Growth and Development in the Chesapeake Bay Watershed to the Year 2020. Chesapeake Bay Program. Annapolis, Maryland. 52p.

# Attachment 1



<p>Datum: MLW</p> <p>Adjacent Property Owners</p> <ol style="list-style-type: none"> <li>1. Lot 10, C.B. Parks</li> <li>2. Lot 12, M.E. Lank</li> </ol>	<p><b>Plan View</b></p> <p>John G. Doe P.O. Box 123 Tidewater, Va 22222</p>	<p>County of: Northumberland</p> <p>Sheet 1 of 1</p> <p>Date: August 3, 1991</p>
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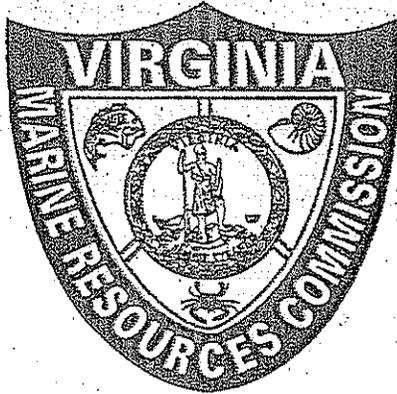
Attachment 2

PROJECT COMPLIANCE  
ASSESSMENT

VMRC # \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
SITE VISIT \_\_\_\_\_  
DATE/TIME \_\_\_\_\_  
OTHERS PRESENT \_\_\_\_\_

1. Permittee \_\_\_\_\_
2. Location (Waterway) \_\_\_\_\_  
(City/County) \_\_\_\_\_
3. Project Description \_\_\_\_\_
4. Project Completed? Yes \_\_\_\_\_ No \_\_\_\_\_
5. Date of Permit Expiration (VMRC) \_\_\_\_\_  
(LWB) \_\_\_\_\_
6. Project Dimensions as Permitted \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Project Dimensions as Constructed \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Can Permit Compliance be Determined? \_\_\_\_\_ If no, explain.  
\_\_\_\_\_  
\_\_\_\_\_
9. Degree of Compliance: In Compliance Moderate Out of Compliance
10. Additional Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Attachment 3



Permit # \_\_\_\_\_

Commonwealth of Virginia  
Marine Resources Commission  
Authorization

A Permit has been issued to:

\_\_\_\_\_ (Name)

\_\_\_\_\_ (Address)

The Permit Authorizes : \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Issuance Date \_\_\_\_\_,

Expiration Date \_\_\_\_\_.

\_\_\_\_\_  
(Commissioner or Designee)

\_\_\_\_\_  
(Notary Public)

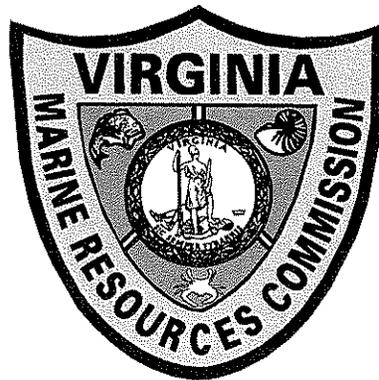
\_\_\_\_\_  
(Commission Expires)

*This Notice Must Be Conspicuously Displayed At Site Of Work*

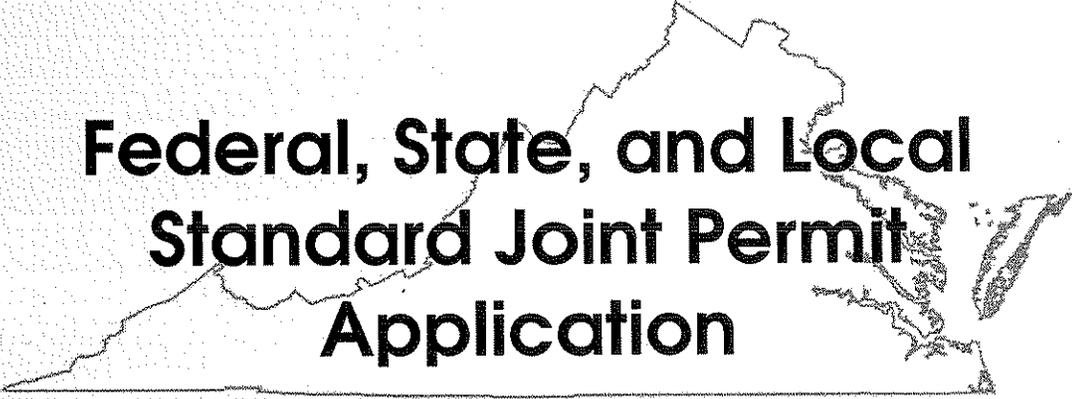
# **ATTACHMENT B**

**Federal, State, and Local Joint Permit Application,  
including Tidewater form**

**VIRGINIA MARINE RESOURCES  
COMMISSION  
Permit Compliance  
And  
Inspection Program**



**November 2012**



# Federal, State, and Local Standard Joint Permit Application

Published jointly by the:

United States Army Corps of Engineers  
Virginia Marine Resources Commission  
Virginia Department of Environmental Quality  
Local Wetlands Boards



US Army Corps  
of Engineers®  
Norfolk District



July 2008 revision

## LOCAL WETLANDS BOARD CONTACT INFORMATION:

Links to LWB information on the Web can be found at  
<http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/wetlandsboard.asp>.

## USACE FIELD OFFICE INFORMATION AND DEQ REGIONAL OFFICE INFORMATION:

Answers to technical questions and detailed information about specific aspects of the various permit programs may be obtained from the USACE field office in your project area (please refer to <http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/varegions.htm> or call 757-201-7652), or from the DEQ regional office in your project area (please refer to <http://www.deq.virginia.gov/regions/homepage.html> or call 804-698-4000). Applicants may also seek assistance with completing the informational requirements and/or submittals from private consulting and/or engineering firms for hire.

**CHESAPEAKE BAY PRESERVATION ACT INFORMATION:** Development within the 84 Counties, Cities, and Towns of "Tidewater Virginia" (as defined in §10.1-2100 of the Code of Virginia) is subject to the requirements of the Chesapeake Bay Preservation Act. If your project is located in a Bay Act locality and will involve land disturbance or removal of vegetation within a designated Resource Protection Area (RPA), these actions will require approval from your local government and completion of Appendix C. The individual localities, not the DEQ, USACE, or Local Wetlands Boards, are responsible for enforcing Bay Act requirements and, therefore, local permits for land disturbance are not issued through this JPA process. The requirements of the Bay Act may, however, affect the ultimate design and construction of projects. In order to ensure that these requirements are considered early in the permitting process, and to avoid unnecessary and costly delays, applicants should contact their local government as early in the process as possible. Individual localities may request information regarding existing vegetation within the RPA as well as a description and site drawings of any proposed land disturbance or vegetation clearing. Locality staff charged with ensuring compliance with the Bay Act will then evaluate project proposals and advise their Local Wetlands Boards of applicable Bay Act issues. To determine if your project is located in a Bay Act locality (see map on page 31), learn more about Bay Act requirements, or find local government contacts, please visit the Virginia Department of Conservation and Recreation, Division of Chesapeake Bay Local Assistance web site at <http://www.cblad.virginia.gov>, or contact the Division at:

Department of Conservation and Recreation  
Division of Chesapeake Bay Local Assistance  
James Monroe Building 101 North 14<sup>th</sup> Street, 17<sup>th</sup> Floor  
Richmond, Virginia 23219  
(804) 225-3440 or (800) 243-7229

## HOW TO APPLY

Sections A through D below provide a general list of information and drawings that are required, depending on the type of project being proposed. Prepare all required drawings or sketches as detailed in the lists provided in Appendix D (Drawings) and according to the sample drawings provided in Appendix D.

### **Application materials should be submitted to VMRC:**

1. **If by mail or courier, use the address on page 1.**
2. **If by electronic mail, address the package to: [JPA.permits@mrc.virginia.gov](mailto:JPA.permits@mrc.virginia.gov) . The application must be provided in the .pdf format.**

### **A. APPLICATIONS FOR PROJECTS INVOLVING IMPACTS TO TIDAL WATERS, WETLANDS, AND DUNES/BEACHES (INCLUDING SHORELINE STABILIZATION, PIERS, MARINAS, BEACH NOURISHMENT, BOATHOUSES, BOAT LIFTS, BREAKWATERS, AQUACULTURE ACTIVITIES, DREDGING, ETC.) SHOULD INCLUDE THE FOLLOWING:**

- ❖ All *applicable* portions of Sections 1 through 28 of the JPA, including necessary attachments, information required for projects located in CBPA localities as required in Appendix C (a map of CBPA localities can be found on page 31).
- ❖ Adjacent Property Owner's Acknowledgement Forms<sup>(1)</sup>, as detailed in Appendix A.
- ❖ For projects with impacts to greater than 1 acre of wetlands, a functional values assessment<sup>(3)</sup>.
- ❖ A set of 8 ½ x 11 inch drawings. If you can not include all of your project site on one page at a scale no smaller than 1" = 200', you **must** submit a set of 8 ½ x 11 inch match-line drawings **and** a set of large-sized drawings at a scale no smaller than 1" = 200'. If oversized drawings are used, attach **five** copies of the oversized drawings to your application.
- ❖ In order for projects requiring LWB authorization to be considered complete, applications must include the following information (per Virginia Code 28.2-1302):  
*"The permit application shall include the following: the name and address of the applicant; a detailed description of the proposed activities; a map, drawn to an appropriate and uniform scale, showing the area of wetlands directly affected, the location of the proposed work thereon, the area of existing and proposed fill and excavation, the location, width, depth and length of any proposed channel and disposal area, and the location of all existing and proposed structures, sewage collection and treatment facilities, utility installations, roadways, and other related appurtenances of facilities, including those on the adjacent uplands; a description of the type of equipment to be used and the means of access to the activity site; the names and addresses of record of adjacent land and known claimants of water rights in or adjacent to the wetland of whom the applicant has notice; an estimate of cost; the primary purpose of the project; and secondary purpose of the proposed project; a complete description of measures*

to be taken during and after alteration to reduce detrimental offsite effects; the completion date of the proposed work, project, or structure; and such additional materials and documentation as the wetlands board may require.”

## **B. APPLICATIONS FOR PROJECTS THAT ARE SUBJECT TO CURRENT STATE PROGRAM GENERAL PERMIT (SPGP) AND INVOLVE IMPACTS TO NONTIDAL WATERS AND/OR WETLANDS:**

Programmatic general permits may be issued in situations where a state, regional, or local authority has a regulatory program in place that provides a similar level of review as the U.S. Army Corps of Engineers (Corps). In such cases, the programmatic general permit avoids unnecessary duplication of effort by providing Corps authorization for certain activities provided they obtain the necessary state, regional, or local authorizations. Details may be found at <http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/RBregional.asp>

The following activities will be considered for coverage under the current State Program General Permit:

- RESIDENTIAL, COMMERCIAL, AND INSTITUTIONAL DEVELOPMENT (DEVELOPMENT) ACTIVITIES (including attendant features) that involve the discharge of dredged or fill material causing the loss of not more than one acre of nontidal wetlands or waters, or the loss of not more than 2,000 linear feet of streams, unless otherwise excluded.
  - LINEAR TRANSPORTATION (TRANSPORTATION) ACTIVITIES (including construction, expansion, modification, or improvement) that involve the discharge of dredged or fill material associated with the linear transportation projects not causing the loss of more than 1/3 acre of nontidal waters of the United States, including wetlands, unless otherwise excluded.
- ❖ Mark the “SPGP” checkbox on page 7 of this application.
  - ❖ All *applicable* portions of Sections 1 through 28 of the JPA, including necessary attachments.
  - ❖ A conceptual compensatory mitigation plan<sup>(2)</sup> for 1) Development projects that impact greater than 1/10 of an acre of wetlands and open waters, or greater than 300 linear feet of stream bed, or 2) Transportation projects that impact any wetlands or open water, or greater than 300 linear feet of stream bed.
  - ❖ A copy of the Corps’ confirmed waters and wetlands delineation (including data sheets)
  - ❖ All information required for projects located in CBPA localities as required in Appendix C (a map of CBPA localities can be found on page 31).
  - ❖ A copy of the FEMA flood insurance rate map or FEMA-approved local floodplain map for the project site (not applicable to <0.1 acre and < 300 linear feet projects by either Corps or DEQ).
  - ❖ A set of 8 ½ x 11 inch drawings. If you can not include all of your project site on one page at a scale no smaller than 1” = 200’, you **must** submit a set of 8 ½ x 11 inch match-line drawings **and** a set of large-sized drawings at a scale no smaller than 1” = 200’. If oversized drawings are used, attach **five** copies of the oversized drawings to your application.

## **C. APPLICATIONS FOR OTHER PROJECTS THAT INVOLVE IMPACTS TO NONTIDAL WATERS AND/OR WETLANDS:**

- ❖ All *applicable* portions of Sections 1 through 28 of the JPA, including necessary attachments.
- ❖ A conceptual compensatory mitigation plan<sup>(2)</sup>.
- ❖ A copy of the Corps’ confirmed waters and wetlands delineation (including data sheets).
- ❖ All information required for projects located in CBPA localities as required in Appendix C (a map of CBPA localities can be found on page 31), and a copy of the FEMA flood insurance rate map or FEMA-approved local floodplain map for the project site.
- ❖ For projects with impacts to greater than 1 acre of wetlands, a functional values assessment<sup>(3)</sup>.
- ❖ A set of 8 ½ x 11 inch drawings. If you can not include all of your project site on one page at a scale no smaller than 1” = 200’, you **must** submit a set of 8 ½ x 11 inch match-line drawings **and** a set of large-sized drawings at a scale no smaller than 1” = 200’. If oversized drawings are used, attach **five** copies of the oversized drawings to your application.

## **D. WHEN USING THE JPA FORM AS A PRE-CONSTRUCTION NOTIFICATION (PCN) FOR A USACE NATIONWIDE PERMIT:**

- ❖ Mark the “PCN” checkbox on page 7 of this application. If you fail to mark this box, the PCN will be deemed incomplete and the USACE 45-day time clock will not start.
- ❖ All *applicable* portions of Sections 1 through 28 of the JPA, including necessary attachments and all information required for projects located in CBPA localities as required in Appendix C (a map of CBPA localities can be found on page 31)
- ❖ A set of 8 ½ x 11 inch drawings. If you can not include all of your project site on one page at a scale no smaller than 1” = 200’, you **must** submit a set of 8 ½ x 11 inch match-line drawings **and** a set of large-sized drawings at a scale no smaller than 1” = 200’. If oversized drawings are used, attach **five** copies of the oversized drawings to your application.

### **WHAT HAPPENS NEXT**

Upon receipt of an application, VMRC will assign a permit application number to the JPA and will then distribute a copy of the application and any original plan copies submitted to the other regulatory agencies that are involved in the JPA process. All agencies will conduct separate but concurrent reviews of your project. Please be aware that each agency must issue a separate permit (or a notification that no permit is required). Therefore, make sure that you have received all necessary authorizations, or documentation that no permit is required, from each agency prior to beginning the proposed work.

During the JPA review process, site inspections may be necessary to evaluate a proposed project. Failure to allow an authorized representative of a regulatory agency to enter the property, or to take photographs of conditions at the project site, may result in either the withdrawal of your permit application or denial of a permit.

For certain Federal and State permit applications, a public notice is published in a newspaper having circulation in the project area, is mailed to adjacent property owners, and/or is posted on the agency's Web page. The public may comment on the project during a designated comment period, which varies from agency to agency. Some agencies accept comments upon receipt of the application or during the permit review process, while others only accept comments on draft permits. Comments are evaluated and a decision is made whether to revise a draft permit, issue a final permit, issue a final permit with special conditions, or to deny a permit. When applicable, the project will be heard by the appropriate LWB after a notice of public hearing has been advertised for at least once a week for two consecutive weeks in a local newspaper. VMRC will conduct the hearings for the localities that do not have a wetlands board. You may be responsible for bearing the costs for advertisement of public notices.

Public hearings are held by VMRC at their regularly scheduled monthly commission meetings under the following situations: Protested applications for VMRC permits which can not be resolved; projects costing over \$50,000 involving encroachment over State-owned subaqueous land; and all projects affecting tidal wetlands and dunes/beaches in localities without a LWB. All interested parties will be officially notified regarding the date and time of the hearing and Commission meeting procedures. The Commission will usually make a decision on the project at the meeting unless a decision for continuance is made. If a proposed project is approved, a permit or similar agency correspondence is sent to the applicant. In some cases, notarized signatures, as well as processing fees and royalties, are required before the permit is validated. If the project is denied, the applicant will be notified in writing.

Permits or permit authorizations from some agencies may be provided via electronic mail. If the applicant wishes to receive their permit via electronic mail, please include an e-mail address at the requested place in the application.

### **PERMIT APPLICATION FEES**

***Do not send any permit application fees in with the JPA***, since VMRC is not responsible for accounting for permit application fees required by other agencies. Fees are subject to change. Please consult agency Websites or contact agencies directly for current fee information.

- ❖ USACE: Permit application fees are required for USACE Individual (Standard) permits. A USACE project manager will contact you regarding the proper fee and submittal requirements.
- ❖ DEQ: Permit application fees required by DEQ for VWP permits are provided on DEQ's Website at <http://www.deq.virginia.gov/wetlands/permitfees.html> or on the Commonwealth of Virginia's Website at <http://leg1.state.va.us/000/reg/TOC09025.HTM#C0020>. A DEQ project manager will contact you regarding the proper fee and submittal requirements after receiving your application package. After being contacted by the DEQ, mail the permit application fee and the Permit Application Fee Form to the address listed on the form. Please make sure that the applicant name and facility (project) name are the same as those reported in your JPA.
- ❖ VMRC: Permit fees are \$25.00 for projects costing \$10,000 or less and \$100 for projects costing more than \$10,000. Royalties may also be required for some projects. The proper fee and any required royalty is paid at the time of permit issuance by VMRC. VMRC staff will send the permittee a letter notifying him/her of the proper fees and submittal requirements.
- ❖ LWB: Permit fees vary. Contact the LWB in your locality or reference locality Websites for fee information and submittal requirements. Contact information for LWB may be found at <http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/wetlandsboard.asp>.

### **WETLANDS & WATERS DELINEATIONS**

Wetlands/waters delineations must be performed using the 1987 Corps of Engineers Wetland Delineation Manual. Contact the appropriate USACE staff to obtain a delineation confirmation:  
<http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/varegions.htm>.

### **INFORMATION REGARDING THREATENED OR ENDANGERED SPECIES**

In order to find preliminary information regarding federal or state threatened or endangered species on your project site, you may contact the following agencies:

United States Fish and Wildlife Service  
6669 Short Lane  
Gloucester, Virginia 23061  
Voice: (804) 693-6694  
Fax: (804) 693-9032  
<http://virginiafieldoffice.fws.gov/>

Project Review Coordinator  
Virginia Department of Conservation and Recreation  
Natural Heritage Division  
217 Governor Street  
Richmond, Virginia 23219  
Voice: (804) 786-7951  
Fax: (804) 371-2674  
[http://www.dcr.virginia.gov/natural\\_heritage/index.shtml](http://www.dcr.virginia.gov/natural_heritage/index.shtml)

Virginia Department of Game and Inland Fisheries  
Environmental Services Section  
4010 West Broad Street  
Richmond, Virginia 23230-1104  
(804) 367-1000  
<http://www.dgif.virginia.gov/wildlife/>

### **INFORMATION REGARDING FEMA-MAPPED FLOODPLAINS**

You may obtain "Online Hazard Maps" for FEMA-mapped floodplains by visiting [https://hazards.fema.gov/femaportal/wps/portal!ut/p!cmd/cs.ce/7\\_0\\_A/s/7\\_0\\_CM9/s.7\\_0\\_A/7\\_0\\_CM9](https://hazards.fema.gov/femaportal/wps/portal!ut/p!cmd/cs.ce/7_0_A/s/7_0_CM9/s.7_0_A/7_0_CM9). Local governments also keep paper copies of FEMA maps on hand.

### **FOOTNOTES:**

**(1) Adjacent Property Owner Notification:** When determining whether to grant or deny any permit for the use of state-owned submerged lands, the VMRC must consider, among other things, effects of a proposed project on adjacent or nearby properties. Discussing the proposed project with these property owners can be done on your own using the forms in Appendix A of this package. LWB must also consider the effects on adjacent properties and notify adjoining property owners of the required public hearings for all applications. The completed forms will assist VMRC and LWB in processing the application. The forms in Appendix A may be photocopied if more copies are needed.

**(2) Conceptual mitigation plans,** when required, should include all information stipulated by DEQ Regulations 9 VAC 25-210-80 and 9 VAC 25-210-116, or 9 VAC 25-[660-690]-50, -60, and -70, whichever is applicable to your project. Regulations may be obtained from DEQ's web site at <http://www.deq.virginia.gov/wetlands/permitfees.html>. Information on wetland and stream mitigation is available at <http://www.deq.virginia.gov/wetlands/mitigate.html>. The final compensatory mitigation plan will be *required prior to commencement of impacts to waters and/or wetlands* on your project site. If no mitigation is planned, submit a detailed statement explaining the reason(s) for no mitigation.

**(3) A functions and values assessment** consists of a narrative description of the existing functions and values of the wetlands and waters being impacted, the impact that the project will have on these functions and values, and information on the following: surrounding land uses and cover types; nutrient, sediment, and pollutant trapping; flood control and flood storage capacity; erosion control and shoreline stabilization; groundwater recharge and discharge; aquatic and wildlife habitat; and unique or critical habitats. Functional values may also include: water quality, floodflow desynchronization, nutrient import or export, stormwater retention or detention, recreation, education, aesthetics, or other beneficial uses. Also include the assessment methodology that was used.

**(4) Wetland and waters boundary delineation map:** For DEQ application purposes, this applies to all projects impacting more than 1/10 acre wetlands or open waters, or more than 300 linear feet of stream bed, and may apply in areas under a deed restriction or protective instrument, regardless of the amount of impacts. The information to be submitted includes the wetlands data sheets; the location of impacted and non-impacted wetlands, streams, open water, and the approximate limits of Chesapeake Bay Resource Protection Areas (RPAs); wetland types, noted according to their Cowardin classification or similar terminology; and a copy of the USACE delineation confirmation, or other correspondence from the USACE indicating their approval of the wetland and waters boundaries. If a Corps confirmation is not available at the time of application, it must be submitted as soon as it becomes available during the DEQ permit review.

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**PLEASE PRINT OR TYPE ALL ANSWERS.** If a question does not apply to your project, please print N/A (not applicable) in the space provided. *If additional space is needed, attach extra 8 1/2 x 11 inch sheets of paper.*

<b><u>CHECK ONE, if applicable:</u></b>	Pre-Construction Notification (PCN) <input type="checkbox"/> (For Nationwide Permits ONLY)	SPGP <input type="checkbox"/>
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<b>1. PROJECT LOCATION INFORMATION</b> (Attach a copy of a detailed map, such as a USGS topographic map or street map showing the site location and project boundary, so that it may be located for inspection. Include an arrow indicating the north direction.)	
Address	City/County
Subdivision	Lot/Block/Parcel #
Name of water body(ies) within project boundaries and drainage area (acres or square miles)	
Tributary(ies) to: _____ Basin: _____ Subbasin: _____ (Example: Basin: <u>James River</u> Subbasin: <u>Middle James River</u> )	
Special Standards (based on DEQ Water Quality Standards 9VAC25-260 et seq.): _____	
Project type (check one) _____ Single user (private, non-commercial, residential) _____ Multi-user (community, commercial, industrial, government)	
Latitude and longitude at center of project site: _____-_____-_____/_____-_____-_____	
USGS topographic map name: _____	
8- digit USGS Hydrologic Unit Code (HUC) for your project site (See <a href="http://www.epa.gov/surf/">www.epa.gov/surf/</a> ): _____ If known, indicate the 10-digit and 12-digit USGS HUCs (see <a href="http://www.dcr.virginia.gov/soil_&amp;_water/hu.shtml">http://www.dcr.virginia.gov/soil_&amp;_water/hu.shtml</a> ): _____	
Name of your project (Example: <u>Water Creek driveway crossing</u> ) _____	
Is there an access road to the project? __ Yes __ No. If yes, check all that apply: __ public __ private __ improved __ unimproved	
Provide driving directions to your site, giving distances from the best and nearest visible landmarks or major intersections:          	
Does your project site cross boundaries of two or more localities (i.e. cities/counties/towns)? __ Yes __ No If so, name those localities:	

<b>FOR AGENCY USE ONLY</b>	
	Notes:
JPA#	

**2. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR INFORMATION**

The applicant(s) is/are the legal entity to which the permit may be issued. The applicant(s) can either be the property owner(s) or the person/people/company(ies) that intend(s) to undertake the activity. The agent is the person or company that is representing the applicant(s). If a company, please use the company name that is registered with the State Corporation Commission (SCC), or indicate no registration with the SCC.

Applicant(s) (For a company, use SCC-registered name)			Agent (if applicable) (For a company, use SCC-registered name)		
Mailing address			Mailing address		
City	State	Zip Code	City	State	Zip Code
Phone number w/area code	Fax		Phone number w/area code	Fax	
Mobile/pager	E-mail		Mobile/pager	E-mail	
State Corporation Commission ID number (if applicable)			State Corporation Commission ID number (if applicable)		

*Certain permits or permit authorizations may be provided via electronic mail. If the applicant wishes to receive their permit via electronic mail, please provide an e-mail address here: \_\_\_\_\_*

Property owner(s), if different from applicant (For a company, use SCC-registered name)			Contractor, if known (For a company, use SCC-registered name)		
Mailing address			Mailing address		
City	State	Zip code	City	State	Zip code
Phone number w/area code	Fax		Phone number w/area code	Fax	
Mobile/pager	E-mail		Mobile/pager	E-mail	
State Corporation Commission ID number (if applicable)			State Corporation Commission ID number (if applicable)		

**3. PROVIDE A DESCRIPTION OF THE PROJECT, PROJECT PRIMARY AND SECONDARY PURPOSES, PROJECT NEED, INTENDED USE, AND ALTERNATIVES CONSIDERED (Attach additional sheets if necessary)**

- The purpose must include any new development or expansion of an existing land use and/or proposed future use of residual land
- Describe the physical alteration of surface waters
- Include a description of alternatives considered to avoid or minimize impacts to surface waters, including wetlands, to the maximum extent practicable. Include factors such as, but not limited to, alternative construction technologies, alternative project layout and design, alternative locations, local land use regulations, and existing infrastructure
- For utility crossings, include both alternative routes and alternative construction methodologies considered
- For major surface water withdrawals, public surface water supply withdrawals, or projects that will alter instream flows, include the water supply issues that form the basis of the proposed project.

**3. PROVIDE A DESCRIPTION OF THE PROJECT (Continued)**

Date of proposed commencement of work (MM/DD/YYYY)	Date of proposed completion of work (MM/DD/YYYY)
Are you submitting this application at the direction of any State, local, or Federal agency? ____ Yes ____ No	Has any work commenced or has any portion of the project for which you are seeking a permit been completed? ____ Yes ____ No
If you answered "yes" to either question above, give details stating when the work was completed and/or when it commenced, who performed the work, and which agency (if any) directed you to submit this application. In addition, you will need to clearly differentiate between completed work and proposed work on your project drawings.	
Are you aware of any unresolved violations of environmental law or litigation involving the property? ____ Yes ____ No (If yes, please explain)	

**4. PREVIOUS SITE VISITS AND/OR PERMITS RELATED TO THE PROPOSED WORK (Include all Federal, State, and Local pre-application coordination or previous permits)**

Agency	Activity	Permit/Project number, and explanation of non-reporting Nationwide permits previously used	Action taken ** and Date of Action	If denied, give reason for denial

\*\* Issued, denied, site visit

**5. PROJECT COSTS**

Approximate cost of the entire project, including materials and labor: \$ \_\_\_\_\_

Approximate cost of only the portion of the project affecting State waters (below mean low water in tidal areas and below ordinary high water mark in nontidal areas): \$ \_\_\_\_\_

**6. PUBLIC NOTIFICATION** (Attach additional sheets if necessary)

- Complete information for all property owners adjacent to the project site and across the waterway, if the waterway is less than 500 feet in width. If your project is located within a cove, you will need to provide names and mailing addresses for all property owners within the cove.
- If you own the adjacent lot, provide the requested information for the first adjacent parcel beyond your property line.

Property owner's name	Mailing address	City	State	Zip code

Name of newspaper having general circulation in the area of the project: \_\_\_\_\_  
Address and phone number (including area code) of newspaper \_\_\_\_\_

Have adjacent property owners been notified with forms in Appendix A?  Yes  No (attach copies of distributed forms)

**7. THREATENED AND ENDANGERED SPECIES INFORMATION**

Please provide any information concerning the potential for your project to impact state and/or federally threatened and endangered species (listed or proposed). Attach correspondence from agencies and/or reference materials that address potential impacts, such as database search results or your Corps' waters and wetlands delineation confirmation. Contact information for the Virginia Department of Game and Inland Fisheries and the Virginia Department of Conservation and Recreation, Division of Natural Heritage can be found on page 4 of this package.

**8. HISTORIC RESOURCES INFORMATION**

*Note: Historic properties include but are not limited to archeological sites, battlefields, Civil War earthworks, graveyards, buildings, bridges, canals, etc. Prospective permittees should be aware that section 110k of the NHPA (16 U.S.C. 470h-2(k)) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant.*

Are any historic properties located within or adjacent to the project site?  Yes  No  
 Uncertain

If Yes, please provide a map showing the location of the historic property within or adjacent to the project site.

Are there any buildings or structures 50 years old or older located on the project site?  Yes  No  Uncertain  
If Yes, please provide a map showing the location of these buildings or structures on the project site.

Is your project located within a historic district?  Yes  No  Uncertain

If Yes, please indicate which district: \_\_\_\_\_

**8. HISTORIC RESOURCES INFORMATION (Continued)**

Has a survey to locate archeological sites and/or historic structures been carried out on the property?

Yes  No  Uncertain

If Yes, please provide the following information: Date of Survey: \_\_\_\_\_

Name of firm: \_\_\_\_\_

Is there a report on file with the Virginia Department of Historic Resources?  Yes  No  Uncertain

Title of Cultural Resources Management (CRM) report: \_\_\_\_\_

Was any historic property located?  Yes  No  Uncertain

**9. WETLANDS, WATERS, AND DUNES/BEACHES IMPACT INFORMATION**

**Report each impact site in a separate column. If needed, attach additional sheets using a similar table format. Please ensure that the associated project drawings clearly depict the location and footprint of each numbered impact site. For dredging, mining, and excavating projects, use Section 18.**

	Impact site number 1	Impact site number 2	Impact site number 3
Impact description (use all that apply): F=fill EX=excavation S=Structure T=tidal NT=non-tidal TE=temporary PE=permanent PR=perennial IN=intermittent SB=subaqueous bottom DB=dune/beach IS=hydrologically isolated V=vegetated NV=non-vegetated MC=Mechanized Clearing of PFO	<i>Example: F, NT, PE, V</i>		
Wetland/waters impact area (square feet)			
Dune/beach impact area (square feet)			
Stream dimensions at impact site (length and average width in linear feet, and area in sq. ft.)			
Volume of fill below Mean High Water or Ordinary High Water (cubic yards)			
Cowardin classification of impacted wetland/water or geomorphological classification of stream	<i>Example wetland: PFO Example stream: wide; bank eroding; braided channel Example stream: 'C' channel</i>		
Average stream flow at site (flow rate under normal rainfall conditions) (cubic feet per second)			
Contributing drainage area (acres or square miles)			

**9. WETLANDS/WATERS IMPACT INFORMATION (Continued)**

DEQ classification of impacted resource(s): Estuarine Class II Non-tidal waters Class III Mountainous zone waters Class IV Stockable trout waters Class V Natural trout waters Class VI Wetlands Class VII			
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For DEQ permitting purposes, also submit as part of this section a wetland and waters boundary delineation map<sup>(4)</sup> – see the Footnotes section in the form instructions.

For DEQ permitting purposes, also submit as part of this section a written disclosure of all wetlands, open water, or streams that are located within the proposed project or compensation areas that are also under a deed restriction, conservation easement, restrictive covenant, or other land-use protective instrument.

**10. APPLICANT, AGENT, OWNER, AND CONTRACTOR CERTIFICATIONS**  
 If the Applicant(s), Agent(s), Owner(s), or Contractor(s) is/are a company, please use the company name(s) that is/are registered with the State Corporation Commission (SCC)

**READ ALL OF THE FOLLOWING CAREFULLY BEFORE SIGNING**

**PRIVACY ACT STATEMENT:** The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972. These laws require that individuals obtain permits that authorize structures and work in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters prior to undertaking the activity. Information provided in the Joint Permit Application will be used in the permit review process and is a matter of public record once the application is filed. Disclosure of the requested information is voluntary, but it may not be possible to evaluate the permit application or to issue a permit if the information requested is not provided.

**CERTIFICATION:** I am hereby applying for permits typically issued by the DEQ, VMRC, U.S. Army Corps of Engineers, and/or Local Wetlands Boards for the activities I have described herein. I agree to allow the duly authorized representatives of any regulatory or advisory agency to enter upon the premises of the project site at reasonable times to inspect and photograph site conditions, both in reviewing a proposal to issue a permit and after permit issuance to determine compliance with the permit.

In addition, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Is/Are the Applicant(s) and Owner(s) the same? \_\_\_ Yes \_\_\_ No

Applicant's name & title (printed or typed)	Second applicant's name & title, if applicable (printed or typed)
Applicant's signature	Second applicant's signature
Date	Date
<i>(Required for VMRC permit actions only)</i> Property owner's name, if different from Applicant	<i>(Required for VMRC permit actions only)</i> Second property owner's name, if applicable
Owner's signature, if different from Applicant	Second owner's signature
Date	Date

**10. APPLICANT, AGENT, OWNER, AND CONTRACTOR CERTIFICATIONS (Continued)**

If the Applicant(s), Agent(s), Owner(s), or Contractor(s) is/are a company, please use the company name(s) that is/are registered with the State Corporation Commission (SCC).

**CERTIFICATION OF AUTHORIZATION TO ALLOW AGENT(S) TO ACT ON APPLICANT'S(S)' BEHALF (IF APPLICABLE)**

I (we), \_\_\_\_\_ (and) \_\_\_\_\_,  
 APPLICANT'S NAME(S) – complete the second blank if more than one Applicant

hereby certify that I (we) have authorized \_\_\_\_\_ (and) \_\_\_\_\_  
 AGENT'S NAME(S) – complete the second blank if more than one Agent

to act on my (our) behalf and take all actions necessary to the processing, issuance, and acceptance of this permit and any and all standard and special conditions attached. I (we) hereby certify that the information submitted in this application is true and accurate to the best of my (our) knowledge.

Applicant's signature	Second applicant's signature, if applicable
Date	Date
Agent's signature and title	Second agent's signature and title, if applicable
Date	Date

**CONTRACTOR ACKNOWLEDGEMENT (IF APPLICABLE)**

I (we), \_\_\_\_\_ (and) \_\_\_\_\_,  
 APPLICANT'S NAME(S) – complete the second blank if more than one Applicant

have contracted \_\_\_\_\_ (and) \_\_\_\_\_  
 CONTRACTOR'S NAME(S) – complete the second blank if more than one Contractor

to perform the work described in this Joint Permit Application, signed and dated \_\_\_\_\_.

I (we) will read and abide by all conditions as set forth in all Federal, State, and Local permits as required for this project. I (we) understand that failure to follow the conditions of the permits may constitute a violation of applicable Federal, State, and Local statutes and that we will be liable for any civil and/or criminal penalties imposed by these statutes.

In addition, I (we) agree to make available a copy of any permit to any regulatory representative visiting the project site to ensure permit compliance. If I (we) fail to provide the applicable permit upon request, I (we) understand that the representative will have the option of stopping our operation until it has been determined that we have a properly signed and executed permit and are in full compliance with all of the terms and conditions.

Contractor's name or name of firm (printed/typed)	Contractor's or firm's mailing address	
Contractor's signature and title	Contractor's license number	Date
Applicant's signature	Second applicant's signature, if applicable	
Date	Date	



**END OF GENERAL INFORMATION**

**The following sections are activity-specific. Fill out only the sections that apply to your particular project.**

**11. PRIVATE PIERS, MARGINAL WHARVES, AND UNCOVERED BOAT LIFTS**

If you plan to construct a private, residential pier, you **may** qualify to work in a non-reporting capacity under the Norfolk District Corps of Engineers' Regional Permit 17 (RP-17).

A copy of RP-17 can be obtained by calling (757) 201-7652 or by visiting the Corps' Website at [http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/RP-17\\_2003\\_compert.pdf](http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/RP-17_2003_compert.pdf). A copy of the RP-17 Certificate of Compliance is found in Appendix B of this application package. You should only sign and attach this form to the application if you have completely read and understood the terms and conditions of RP-17. **Although no further written authorization will be required from the Corps, you may require a permit from the Virginia Marine Resources Commission and/or your local wetlands board. Please submit this application as instructed in order to obtain all required state and local permits.**

In cases where the proposed pier will encroach beyond one fourth the waterway width (as determined by measuring mean high water to mean high water or ordinary high water mark to ordinary high water mark), the following information must be included before the application will be considered complete. For an application to be considered complete:

1. The Corps **MAY** require depth soundings across the waterway at increments designated by the Corps project manager. Typically 10-foot increments for waterways less than 200 feet wide and 20-foot increments for waterways greater than 200 feet wide with the date and time the measurements were taken and how they were taken (e.g., tape, range finder, etc.).
2. The applicant **MUST** provide a justification as to purpose if the proposed work would extend a pier greater than one-fourth of the distance across the open water measured from mean high water or the channelward edge of the wetlands.
3. The applicant **MUST** provide justification if the proposed work would involve the construction of a pier greater than five feet wide or less than four feet above any wetland substrate.

Number of vessels to be moored at the pier or wharf: \_\_\_\_\_

In the spaces provided below, give the type (i.e. sail, power, skiff, etc.), size, and registration number of the vessel(s) to be moored

TYPE	LENGTH	WIDTH	DRAFT	REGISTRATION #

**12. BOATHOUSES, GAZEBOS, COVERED BOAT LIFTS, AND OTHER ROOFED STRUCTURES OVER WATERWAYS**

No. of vessels to be moored at the proposed structure: \_\_\_\_\_ Will the sides of the structure be enclosed?  Yes  No  
 Area covered by the roof structure \_\_\_\_\_ square feet

In the spaces provided below, give the type (i.e. sail, power, skiff, etc.), size, and registration number of the vessel(s) to be moored

TYPE	LENGTH	WIDTH	DRAFT	REGISTRATION #

**13. MARINAS AND COMMERCIAL, GOVERNMENTAL, AND COMMUNITY PIERS**

Have you obtained the Virginia Department of Health's approval for sanitary facilities?  Yes  No  
*You will need to obtain this authorization or a variance before a VMRC permit will be issued.*

Will petroleum products or other hazardous materials be stored or handled at the facility?  Yes  No  
*If your answer is yes, please attach your spill contingency plan.*

Will the facility be equipped to off-load sewage from boats?  Yes  No

EXISTING: wet slips: \_\_\_\_\_ dry storage: \_\_\_\_\_ PROPOSED: wet slips: \_\_\_\_\_ dry storage: \_\_\_\_\_

**14. FREE STANDING MOORING PILES, OSPREY NESTING POLES, MOORING BUOYS, AND DOLPHINS  
(not associated with piers)**

Number of vessels to be moored: _____	Type and number of mooring(s) proposed: _____ _____
---------------------------------------	--

In the spaces provided below, give the type (i.e. sail, power, skiff, etc.), size, and registration number of the vessel(s) to be moored

TYPE	LENGTH	WIDTH	DRAFT	REGISTRATION #

Give the name and complete mailing address(es) of the owner(s) of the vessel(s) if not owned by applicant (attach extra sheets if needed):

Do you plan to reach the mooring from your own upland property?  Yes  No  
 If "no," explain how you intend to access the mooring.

**15. BOAT RAMPS**

Will excavation be required to construct the boat ramp?  Yes  No  
 If "yes," will any of the excavation occur below the plane of the ordinary high water mark/mean high water line or in wetlands?  
 Yes  No  
 If "yes," you will need to fill out Section 18 for this excavation. Where will you dispose of the excavated material?

What type of design and materials will be used to construct the ramp (open pile design with salt treated lumber, concrete slab on gravel bedding, etc.)?

Location of nearest public boat ramp	Driving distance to that public ramp _____ miles
--------------------------------------	---

Will other structures be constructed concurrent with the boat ramp installation?  Yes  No  
 If "yes," please fill out the appropriate sections of this application associated with those other activities.

**16. TIDAL/NONTIDAL SHORELINE STABILIZATION STRUCTURES (INCLUDING BULKHEADS AND ASSOCIATED BACKFILL, RIPRAP REVETMENTS AND ASSOCIATED BACKFILL, MARSH TOE STABILIZATION, GROINS, JETTIES, AND BREAKWATERS, ETC.)**

Is any portion of the project maintenance or replacement of an existing and currently serviceable structure?  Yes  No  
 If yes, give length of existing structure: \_\_\_\_\_ linear feet

If your maintenance project entails replacement of a bulkhead, is it possible to construct the replacement bulkhead within 2 feet channelward of the existing bulkhead?  Yes  No If not, please explain below:

**16. TIDAL/NONTIDAL SHORELINE STABILIZATION STRUCTURES (Continued)**

Length of proposed structure, including returns: \_\_\_\_\_ linear feet

Average channelward encroachment of the structure from  
Mean high water/ordinary high water mark: \_\_\_\_\_ feet  
Mean low water: \_\_\_\_\_ feetMaximum channelward encroachment of the structure from  
Mean high water/ordinary high water mark: \_\_\_\_\_ feet  
Mean low water: \_\_\_\_\_ feetMaximum channelward encroachment from the back edge of the  
Dune \_\_\_\_\_ feetMaximum channelward encroachment from the back edge of the  
Beach \_\_\_\_\_ feet

Describe the type of construction including all materials to be used (including all fittings):

Will filter cloth be used? \_\_\_\_ Yes \_\_\_\_ No

What is the source of the backfill material? \_\_\_\_\_  
What is the composition of the backfill material? \_\_\_\_\_If rock is to be used, give the average volume of material to be used for every linear foot of construction: \_\_\_\_\_ cubic yards  
What is the volume of material to be placed below the plane of ordinary high water mark/mean high water? \_\_\_\_\_ cubic yards

For projects involving stone:

Average weight of core material (bottom layers): \_\_\_\_\_ pounds per stone (Class \_\_\_\_\_)  
Average weight of armor material (top layers): \_\_\_\_\_ pounds per stone (Class \_\_\_\_\_)Are there similar shoreline stabilization structures in the vicinity of your project site? \_\_\_\_ Yes \_\_\_\_ No  
If so, describe the type(s) and location(s) of the structure(s):If you are building a groin or jetty, will the channelward end of  
the structure be marked to show a hazard to navigation?  
\_\_\_\_ Yes \_\_\_\_ NoHas your project been reviewed by the Shoreline Erosion  
Advisory Service (SEAS)? \_\_\_\_ Yes \_\_\_\_ No  
If yes, please attach a copy of their comments.**17. BEACH NOURISHMENT**

Source of material: \_\_\_\_\_

Volume of material: \_\_\_\_\_ cubic yards

Composition of material (percentage sand, silt, clay):

Mode of transportation of material to the project site (truck,  
pipeline, etc.):Describe the type(s) of vegetation proposed for stabilization and the proposed planting plan, including schedule, spacing,  
monitoring, etc. Attach additional sheets if necessary.

**18. DREDGING, MINING, AND EXCAVATING**

FILL OUT THE FOLLOWING TABLE FOR DREDGING PROJECTS

	NEW dredging				MAINTENANCE dredging			
	Hydraulic		Mechanical (clamshell, dragline, etc.)		Hydraulic		Mechanical (clamshell, dragline, etc.)	
	Cubic yards	Square feet	Cubic yards	Square feet	Cubic yards	Square feet	Cubic yards	Square feet
Vegetated wetlands								
Nonvegetated wetlands								
Subaqueous land								
Totals								
Is this a one-time dredging event? <input type="checkbox"/> Yes <input type="checkbox"/> No If "no", how many dredging cycles are anticipated: _____ (____ initial cycle in cu. yds.) (____ subsequent cycles in cu. yds.)								
Composition of material (percentage sand, silt, clay, rock): Provide documentation (i.e. laboratory results or analytical reports) that <i>dredged</i> material from on-site areas is free of toxics. If not free of toxics, provide documentation of proper disposal (i.e. bill of lading from commercial supplier or disposal site).								
Please include a dredged material management plan that includes specifics on how the dredged material will be handled and retained to prevent its entry into surface waters or wetlands. If on-site dewatering is proposed, please include plan view and cross section drawings of the dewatering area and associated outfall.								
Will the dredged material be used for any commercial purpose or beneficial use? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please explain:								
If this is a maintenance dredging project, what was the date that the dredging was last performed? _____ Permit number of original permit: _____ (It is important that you attach a copy of the original permit.)								
For mining projects: On separate sheets of paper, explain the operation plans, including: 1) the frequency (i.e., every six weeks, for example), duration (i.e., April through September), and volume (in cubic yards) to be removed per operation; 2) the temporary storage and handling methods of mined material, including the dimensions of the containment berm used for upland disposal of dredged material and the need (or no need) for a liner or impermeable material to prevent the leaching of any identified contaminants into ground water; 3) how equipment will access the mine site; and 4) verification that dredging: a) will not occur in water body segments that are currently on the effective Section 303(d) Total Maximum Daily Load (TMDL) priority list or that have an approved TMDL; b) will not exacerbate any impairment; and c) will be consistent with any waste load allocation/limit/conditions imposed by an approved TMDL. Have you applied for a permit from the Virginia Department of Mines, Minerals and Energy? <input type="checkbox"/> Yes <input type="checkbox"/> No								
Contributing drainage area: _____ square miles					Average stream flow at site (flow rate under normal rainfall conditions): _____ cfs			

**19. FILL (not associated with backfilled shoreline structures) AND OTHER STRUCTURES (other than piers and boathouses) IN WETLANDS OR WATERS, OR ON DUNES/BEACHES**

Source and composition of fill material (percentage sand, silt, clay, rock): \_\_\_\_\_

Provide documentation (i.e. laboratory results or analytical reports) that fill material from off-site locations is free of toxics. If not free of toxics, provide documentation of proper disposal (i.e. bill of lading from commercial supplier or disposal site). Documentation is not necessary for fill material obtained from on-site areas.

Explain the purpose of the filling activity and the type of structure to be constructed over the filled area (if any):

Describe any structure that will be placed in wetlands/waters or on a beach dune and its purpose:

Will the structure be placed on pilings?  Yes  No

Total area occupied by any structure.  
\_\_\_\_\_ Square Feet

How far will the structure be placed channelward from the back edge of the dune? \_\_\_\_\_ feet

How far will the structure be placed channelward from the back edge of the beach? \_\_\_\_\_ feet

**20. NONTIDAL STREAM CHANNEL MODIFICATIONS FOR RESTORATION OR ENHANCMENT, or TEMPORARY OR PERMANENT RELOCATIONS**

*If proposed activities are being conducted for the purposes of compensatory mitigation, please attach separate sheets of paper providing all information required by the most recent version of the stream assessment methodology approved by the Norfolk District of the U.S. Army Corps of Engineers and the Virginia Department of Environmental Quality, in lieu of completing the questions below. Required information outlined by the methodology can be found at: <http://155.78.20.211/Technical%20Services/Regulatory%20Branch/USM.asp> or <http://www.deq.virginia.gov/wetlands/mitigate.html>.*

Has the stream restoration project been designed by a local, state, or federal agency?  Yes  No. If yes, please include the name of the agency here: \_\_\_\_\_

Is the agency also providing funding for this project?  Yes  No

Linear feet of stream impact: \_\_\_\_\_

Contributing drainage area: \_\_\_\_\_ acres or \_\_\_\_\_ square miles

Existing average stream flow at site (flow rate under normal rainfall conditions): \_\_\_\_\_ cfs

Proposed average stream flow at site after modifications (flow rate under normal rainfall conditions): \_\_\_\_\_ cfs

Explain, in detail, the method to be used to stabilize the banks:

Explain the composition of the existing stream bed (percent cobble, rock, sand, etc.):

**20. NONTIDAL STREAM CHANNEL MODIFICATIONS (Continued)**

Will low-flow channels be maintained in the modified stream channel?  Yes  No.

Describe how:

Will any structure(s) be placed in the stream to create riffles, pools, meanders, etc.?  Yes  No

If yes, please explain:

**21. UTILITY CROSSINGS**

Type of crossing:  overhead  trenched  directionally-drilled

Method of clearing corridor of vegetation (check all that apply):  mechanized land clearing that disturbs the soil surface  
 cutting vegetation above the soil surface

Describe the materials to be used in the installation of the utility line (including gravel bedding for trenched installations, bentonite slurries used during direction-drilling, etc.) and a sequence of events to detail how the installation will be accomplished (including methods used for in-stream and dry crossings).

For overhead crossings over navigable waterways (including all tidal waterways), please indicate the height of other overhead crossings or bridges over the waterway relative to mean high water, mean low water, or ordinary high water mark:

Nominal system voltage, if project involves power lines: \_\_\_\_\_

Will there be an excess of excavated material?  Yes  No

If so, describe the method that will be undertaken to dispose of, and transport, the material to its permanent disposal location and give that location:

Will any excess material be stockpiled in wetlands?  Yes  No

If so, will the stockpiled material be placed on filter fabric or some other type of impervious surface?  Yes  No

## 21. UTILITY CROSSINGS (Continued)

Will permanent access roads be placed through wetlands/streams?  Yes  No  
If yes, will the roads be \_\_\_\_\_ at grade or \_\_\_\_\_ above grade (check one)?

Will the utility line through wetlands/waters be continually maintained (e.g. via mowing or herbicide)?  Yes  No

If maintained, what is the maximum width? \_\_\_\_\_ feet

## 22. ROAD CROSSINGS

Have you conducted hydraulic studies to verify the adequacy of the culverts?  Yes  No

If so, please attach a copy of the hydraulic study/report.

*Virginia Department of Transportation (VDOT) standards require that the backwater for a 100 year storm not exceed 1 foot for all road, culvert, and bridge projects within FEMA-designated floodplains.*

Will the culverts be countersunk below the stream bottom?  Yes  No. If no, explain: \_\_\_\_\_

If the project entails a bridged crossing and there are similar crossings in the area, what is the vertical distance above mean high water, mean low water, or ordinary high water mark of those similar structures? \_\_\_\_\_ feet above \_\_\_\_\_  
*For all bridges proposed over navigable waterways (including all tidal water bodies), you will be required to contact the U.S. Coast Guard to determine if a permit is required of their agency.*

On separate sheets of paper, describe the materials to be used, the method of construction (including the use of cofferdams), and the sequence of construction events. Include cross sections and profile plans of the culvert crossings including wing walls or rip rap.

## 23. PRIVATE AND COMMERCIAL AQUACULTURE ACTIVITIES

*Please review VMRC regulations related to aquaculture activities if you are completing this section. An abbreviated application is available for certain private oyster gardening activities by a riparian owner. Also, separate information is required by the VMRC Fisheries Management Division for the review of commercial projects that may qualify for the Virginia Marine Resources Commission General Permit #4 FOR TEMPORARY PROTECTIVE ENCLOSURES FOR SHELLFISH. The VMRC aquaculture regulations can be found on the agency web page at: <http://www.mrc.state.va.us/regulations/regindex.shtml>. Please see regulations 4 VAC 20-335-10 et seq., 4 VAC 20-336-10 et seq., and 4 VAC 20-1130-10 et seq.*

Briefly describe your proposed aquaculture activity from the time of acquisition (seed, fingerlings, etc.) to time of harvest, and indicate which species you intend to culture. Attach additional sheets if needed.

Source of the animals/plants that you want to culture: \_\_\_\_\_

*Note: VMRC Regulation 4VAC 20-754 et seq. "Pertaining to the Importation of Fish, Shellfish or Crustacea" sets forth the requirements for importing organisms from out of state.*

Describe below the number, type, and dimensions of the structures that will be used (e.g., 4' x 2' x 18" floats, 3' x 3' x 1' bottom cages, etc.) and the overall dimensions of the area to be occupied by the aquaculture structures (e.g., two 40-foot by 10-foot bottom plots).

**23. PRIVATE AND COMMERCIAL AQUACULTURE ACTIVITIES (Continued)**

Will the structures be affixed to an existing structure?  Yes  No  
If so, describe the attachment below.

Will the structures be located on leased oyster planting ground?  Yes  No  
If so, give the following information: \_\_\_\_\_ lease number \_\_\_\_\_ plat file number

**24. IMPOUNDMENTS, DAMS, AND STORMWATER MANAGEMENT FACILITIES**

*If the impoundment or dam is a component of a water withdrawal project, also complete Sections 26 through 28.*

Will the proposed impoundment, dam, or stormwater management facility be used for agricultural purposes (e.g., in the operation of a farm)? For DEQ permitting purposes, a farm is considered to be a property or operation that produces goods for market.  
 Yes  No

What type of materials will be used in the construction (earth, concrete, rock, etc.)? \_\_\_\_\_

What is the source of these materials? \_\_\_\_\_

Provide the dimensions of proposed impoundment, dam, or stormwater management facility, including the height and width of all structures.

Storage capacity\* of impoundment: \_\_\_\_\_ acre-feet  
\*should be given for the normal pool of recreational or farm ponds, or design pool for stormwater management ponds or reservoirs (the elevation the pond will be at for the design storm, e.g., 10-year, 24-hour storm)

Surface area\*\* of impoundment: \_\_\_\_\_ acres  
\*\*should be given for the normal pool of recreational or farm ponds, or design pool for stormwater management ponds or reservoirs (the elevation the pond will be at for the design storm, e.g., 10-year, 24-hour storm)

Is the proposed project excluded from the Virginia Dam Safety Regulations?  Yes  No  Uncertain

If not excluded, does your proposed project comply with the Virginia Dam Safety Regulations?  Yes  No  Uncertain

Does the proposed design include a vegetation management area per §10.1-609.2?  Yes  No  Uncertain

*If your answer to these questions is no or uncertain, you should contact the Virginia Department of Conservation and Recreation's Dam Safety Program at (804) 371-6095, or reference the regulations on the Web at [http://www.dcr.virginia.gov/dam\\_safety\\_and\\_floodplains/index.shtml](http://www.dcr.virginia.gov/dam_safety_and_floodplains/index.shtml)*

*For stormwater management facilities:*

Design storm event: \_\_\_\_\_ year storm

Retention time: \_\_\_\_\_ hours

Current average flow: \_\_\_\_\_ cfs

Proposed peak outflow for the design storm provided above: \_\_\_\_\_ cfs

Has the facility been designed as an Enhanced Extended Detention Basin or an Extended Detention Basin in accordance with the Minimum Standard 3.07 of the Virginia Stormwater Management Handbook, Volume I (published by the Virginia Department of Conservation and Recreation, 1999), or in accordance with the latest version of this handbook?  Yes  No

Will the impoundment structure be designed to pass a minimum flow at all times?  Yes  No

If so, please give the minimum rate of flow: \_\_\_\_\_ cfs

What is the drainage area upstream of the proposed impoundment? \_\_\_\_\_ square miles

How much of your proposed impoundment structure will be located on the stream bed? \_\_\_\_\_ square feet

What is the area of vegetated wetlands that will be excavated and/or backflooded by the impoundment? \_\_\_\_\_ square feet

What is the *area and length* of streambed that will be excavated and/or backflooded by the impoundment? \_\_\_\_\_ square feet  
\_\_\_\_\_ linear feet

Are fish ladders being proposed to accommodate the passage of fish?  Yes  No

**25. OUTFALLS NOT ASSOCIATED WITH PROPOSED WATER WITHDRAWAL ACTIVITIES**

Type and size of pipe(s): \_\_\_\_\_

Daily rate of discharge: \_\_\_\_\_ mgd

If the discharge will be thermally-altered, provide the maximum temperature: \_\_\_\_\_

Contributing drainage area: \_\_\_\_\_ square miles

Average daily stream flow at site: \_\_\_\_\_ cfs

Have you received a Virginia Discharge Elimination System (VPDES) permit for the proposed project? \_\_\_ Yes \_\_\_ No.  
 If yes, please provide the VPDES permit number: \_\_\_\_\_  
 If no, is there a permit action pending? \_\_\_ Yes \_\_\_ No. If pending, what is the facility name? \_\_\_\_\_

*The following sections are typically related to major water withdrawal activities, defined in 9 VAC 25-210-10 as a surface water withdrawal of 90 million gallons per month (mgm) or greater; Federal Energy Regulatory Commission license projects; or impacts likely to produce the need for instream flow requirements. Examples of such projects include, but are not limited to, reservoirs, irrigation projects, power generation facilities, public water supply facilities, etc. Included with these projects are any associated features, such as dams, intake pipes, outfall structures, berms, etc.*

*If completing these sections, enter "N/A" in any section that does not apply to the project.*

**26. INTAKES, OUTFALLS, AND WATER CONTROL STRUCTURES (INCLUDING ALL PROPOSED WATER WITHDRAWAL ACTIVITIES)**

<p><b>For intakes:</b></p> <p>Type and size of pipe(s): _____</p> <p>Type and size of pump(s): _____</p> <p>Daily rate of withdrawal: _____ mgd</p> <p>Velocity of withdrawal: _____ fps</p> <p>Screen mesh size: _____ inches / _____ mm</p> <p>If other sizing units, please specify: _____</p> <p>Contributing drainage area: _____ square miles</p> <p>Average daily stream flow at site: _____ cfs</p> <p>Average annual stream flow at site: _____ cfs</p>	<p><b>For outfalls:</b></p> <p>Type and size of pipe(s): _____</p> <p>Daily rate of discharge: _____ mgd</p> <p>If the discharge will be thermally-altered, provide the maximum temperature: _____</p> <p>Contributing drainage area: _____ square miles</p> <p>Average daily stream flow at site: _____ cfs</p>
--	--

For intakes and dams, use the table below to provide the median monthly stream flows in cubic feet per second (cfs) at the water intake or dam site (not at the stream gage; if there is not a gage at the intake or dam site, you will need to interpolate flows to the intake or dam site). Median flow is the value at which half of the measurements are above and half of the measurements are below. Median is also sometimes referred to as the '50% exceedence flow'. The median flow generally must be calculated from USGS historical data. Please do not provide *mean (average)* flow.

Month	Median flow (cfs)	Month	Median flow (cfs)
January		July	
February		August	
March		September	
April		October	
May		November	
June		December	

**26. INTAKES, OUTFALLS, AND WATER CONTROL STRUCTURES (Continued)**

Describe the stream flow gages used, the type of calculations used (such as drainage area coefficient correction factors), and the period of record that was used to calculate the median flows provided in the table above.

Provide any available historical low-flows at the intake or dam site.

Describe how the proposed withdrawal at the intake or dam site will impact stream flows in terms of rates, volumes, frequency, etc.

Describe how the withdrawal of water will vary over time. For example, will the withdrawal vary by the time of year, by the time of day, or by the time of week? Examples of projects that should describe variable withdrawals include, but are not limited to: power plant cooling withdrawals that increase and decrease seasonally; golf course irrigation; municipal water supply; nurseries; ski resorts that use water for snowmaking; and resorts with weekend or seasonal variations.

Provide the amount of water that will be lost due to consumptive use. For the purpose of this application, consumptive use means the withdrawal of surface waters without recycling of said waters to their source or basin of origin. Examples of consumptive uses are water that is evaporated in cooling towers or by other means in power plants; irrigation water (all types); residential water use that takes place outside of the home; and residential water use both inside and outside of homes for residences served by septic systems. Localities that sell water to other jurisdictions should document the portion of the withdrawal that is not returned to the originating watershed. Attach a map showing the location of the withdrawal and the location of the return of flow.

**27. WATER WITHDRAWAL USE, NEED, AND ALTERNATIVES**

Describe the proposed use of the water withdrawal.

Provide the following information at the water intake or dam site. Specify the units of measurement (i.e. million gallons per day, gallons per minute, cubic feet per second, etc.).

Proposed maximum instantaneous withdrawal \_\_\_\_\_  
Proposed average daily withdrawal \_\_\_\_\_  
Proposed maximum daily withdrawal \_\_\_\_\_  
Proposed maximum monthly withdrawal \_\_\_\_\_  
Proposed maximum annual withdrawal \_\_\_\_\_

Describe how the above withdrawals were calculated, including the relevant assumptions made in that calculation and the documentation or resources used to support the calculations, such as population projections, population growth rates, per-capita use, new uses, changes to service areas, and if applicable, evapotranspiration data and irrigation data.

For major surface water withdrawals, public water supply withdrawals, and projects that will alter instream flows, provide information to establish the local water supply need:

Existing supply sources, yields, and demands: \_\_\_\_\_

Peak day withdrawal: \_\_\_\_\_

Average daily withdrawal: \_\_\_\_\_

Safe yield: \_\_\_\_\_

Lowest daily flow of record: \_\_\_\_\_

Types of water uses: \_\_\_\_\_

Existing water conservation measures and drought response plan, including what conditions trigger implementation: \_\_\_\_\_

Projected demands over a minimum 30-year planning period: \_\_\_\_\_

Projected demands in local or regional water supply plan (9 VAC 25-780 et seq.) or demand for the project service area, if that is smaller in area:

Statistical population (growth) trends: \_\_\_\_\_

Projected demands by use type: \_\_\_\_\_

Projected demands without water conservation measures: \_\_\_\_\_

Projected demands with long-term water conservation measures: \_\_\_\_\_

**27. WATER WITHDRAWAL USE, NEED, AND ALTERNATIVES (Continued)**

For surface water withdrawals other than public water supply, provide information or documentation that demonstrates alternate sources of water are available for the proposed project during times of reduced instream flow.

Provide an alternatives analysis for the proposed water withdrawal project, including the required range of alternatives to be analyzed; a narrative outlining the opportunities and status of regional efforts undertaken; and the criteria used to evaluate each alternative. The analysis must address all of the criteria contained in 9 VAC 25-210-115 C 2 and 9 VAC 25-210-115 C 3.

Describe any existing, flow-dependent beneficial uses along the affected stream reach. Include both instream and offstream uses. Describe the stream flow necessary to protect existing beneficial uses and how the proposed withdrawal will impact existing beneficial uses. For the purposes of this application, beneficial instream uses include, but are not limited to: the protection of fish and wildlife habitat; maintenance of waste assimilation; recreation; navigation; and cultural and aesthetic values. Offstream beneficial uses include, but are not limited to: domestic (including public water supply); agriculture; electric power generation; commercial; and industrial.

Describe the aquatic life known to be present along the affected stream reach. Describe aquatic life that may be impacted by the proposed water withdrawal. Include the species' habitat requirements.

**28. PUBLIC COMMENTS/ISSUES FOR MAJOR WATER WITHDRAWALS**

For new or expanded surface water supply projects, use separate sheets of paper to summarize the steps taken to seek public input, as required by 9 VAC 25-210-75, and identify the issues raised during the public information process. If none, respond "None" or "Not applicable".

APPENDIX A

Adjacent Property Owner's Acknowledgement Form

I, \_\_\_\_\_, own land next to/ across the water from/ in the same cove  
(print adjacent property owner's name)

as the land of \_\_\_\_\_  
(print applicant's name)

I have reviewed the applicant's project drawings dated \_\_\_\_\_ to be submitted for all  
(date of drawings)

necessary Federal, State, and Local permits.

\_\_\_\_\_ I have no comment regarding the proposal

\_\_\_\_\_ I do not object to the proposal

\_\_\_\_\_ I object to the proposal

***The applicant has agreed to contact me for additional comments if the proposal changes prior to construction of the project.***

(Before signing this form, please be sure that you have checked the appropriate option above)

\_\_\_\_\_  
Adjacent property owner's signature

\_\_\_\_\_  
Date

**NOTE: IF YOU OBJECT TO THE PROPOSAL, THE REASON(S) YOU OPPOSE THE PROJECT MUST BE SUBMITTED TO VMRC IN WRITING. AN OBJECTION WILL NOT NECESSARILY RESULT IN A DENIAL OF A PERMIT FOR THE PROPOSED WORK. HOWEVER, VALID COMPLAINTS WILL BE GIVEN FULL CONSIDERATION DURING THE PERMIT REVIEW PROCESS.**

APPENDIX A

Adjacent Property Owner's Acknowledgement Form

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as the land of \_\_\_\_\_  
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I have reviewed the applicant's project drawings dated \_\_\_\_\_ to be submitted for all  
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necessary Federal, State, and Local permits.

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(Before signing this form, please be sure that you have checked the appropriate option above)

\_\_\_\_\_  
Adjacent property owner's signature

\_\_\_\_\_  
Date

**NOTE: IF YOU OBJECT TO THE PROPOSAL, THE REASON(S) YOU OPPOSE THE PROJECT MUST BE SUBMITTED TO VMRC IN WRITING. AN OBJECTION WILL NOT NECESSARILY RESULT IN A DENIAL OF A PERMIT FOR THE PROPOSED WORK. HOWEVER, VALID COMPLAINTS WILL BE GIVEN FULL CONSIDERATION DURING THE PERMIT REVIEW PROCESS.**

APPENDIX B

CERTIFICATE OF COMPLIANCE FOR CORPS OF ENGINEERS,  
NORFOLK DISTRICT, REGIONAL PERMIT 17 (RP-17) FOR PRIVATE PIERS



- Yes  No Is the proposed pier for private use ONLY?
- Yes  No Does the proposed pier extend less than 1/4 the width of the waterway as measured from MHW to MHW or OHW to OHW (including channelward wetlands) based on the narrowest distance across the waterway regardless of the orientation of the proposed pier? (MHW = mean high water line; OHW = ordinary high water mark)
- Yes  No Does the proposed pier and/or mooring structure(s) extend less than 300 feet from mean high water or ordinary high water mark?
- Yes  No If the proposed structure crosses wetland vegetation, is it an open-pile design that has a maximum width of five (5) feet and a minimum height of four (4) feet between the decking and the wetland substrate?
- Yes  No If the proposed pier is to include an attached open-sided roof designed to shelter a single boat slip or lift, is the roof less than 700 square feet?
- Yes  No Have you confirmed that the proposed construction will not take place in one of the reaches which serve as habitat for federally listed threatened or endangered species, Federal Project Channels, and/or areas as listed in the "NOTIFICATION REQUIREMENTS" section of this permit?
- Yes  No If the proposed work is in portions of any waterways listed in Special Condition 4, have you obtained an easement to cross government property from the Army Corps of Engineers Real Estate Office?

**IF YOU HAVE ANSWERED "NO" TO ANY OF THE QUESTIONS ABOVE, THE REGIONAL PERMIT 17 WILL NOT APPLY AND YOU WILL NEED TO SUBMIT A JOINT PERMIT APPLICATION AND OBTAIN A SEPARATE PERMIT FROM THE CORPS BEFORE COMMENCING CONSTRUCTION.**

**IF YOU HAVE ANSWERED "YES" TO ALL OF THE QUESTIONS ABOVE, YOU ARE IN COMPLIANCE WITH THE REGIONAL PERMIT 17. PLEASE SIGN BELOW, ATTACH, AND SUBMIT WITH YOUR COMPLETED JOINT PERMIT APPLICATION. THIS SIGNED CERTIFICATE IS YOUR LETTER OF AUTHORIZATION FROM THE CORPS. YOU WILL NOT RECEIVE ANY OTHER WRITTEN AUTHORIZATION FROM THE CORPS. HOWEVER, YOU MAY NOT PROCEED WITH CONSTRUCTION UNTIL YOU HAVE OBTAINED ALL OTHER NECESSARY STATE AND LOCAL PERMITS.**

**I CERTIFY THAT I HAVE READ AND UNDERSTAND ALL CONDITIONS OF THE MOST CURRENT REGIONAL PERMIT 17 (RP-17) ISSUED BY THE US ARMY CORPS OF ENGINEERS, NORFOLK DISTRICT REGULATORY OFFICE, NORFOLK, VIRGINIA.**

\_\_\_\_\_  
Signature of Property Owner or Agent

Proposed work to be located at:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Date

Copies of the RP-17 can be obtained on our website at  
<http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/RBregional.asp>  
or by contacting the Corps at (757) 201-7652.

## APPENDIX C

### Chesapeake Bay Preservation Act Information

Please answer the following questions to determine if your project is subject to the requirements of the Bay Act Regulations:

1. Is your project located within Tidewater Virginia? \_\_\_\_ Yes \_\_\_\_ No (See map on next page)  
- If the answer is "no", the Bay Act requirements do not apply; if "yes", then please continue to question #2.
2. Please indicate if the project proposes to impact any of the following Resource Protection Area (RPA) features:  
\_\_\_\_ tidal wetlands,  
\_\_\_\_ nontidal wetlands connected and contiguous to tidal wetlands or water bodies with perennial flow,  
\_\_\_\_ tidal shoreline,  
\_\_\_\_ water body with perennial flow (stream, river, creek, etc.)  
\_\_\_\_ 100-foot buffer area landward of any of the above features.  
\_\_\_\_ "other lands" as designated by the locality (contact the local government for specific information)

If the answer to question #1 was "yes" and any of the features listed under question #2 will be impacted, compliance with the Chesapeake Bay Preservation Act ("Bay Act") and Regulations is required. To achieve compliance with the Bay Act, the applicant may be required to submit a Water Quality Impact Assessment (WQIA) for the review and approval of the local government. Contact the appropriate local government office to determine if a WQIA is required for the proposed activity(ies).

The individual localities, not the Local Wetlands Boards, are responsible for enforcing Bay Act requirements and, therefore, local permits for land disturbance are not issued through this JPA process. **Approval of this wetlands permit does not constitute compliance with the Bay Act regulations nor does it guarantee that the local government will issue land-disturbing permits for this project.** The requirements of the Bay Act may affect the ultimate design and construction of projects. In order to ensure that these requirements are considered early in the permitting process, and to avoid unnecessary and costly delays, applicants should contact their local government as early in the process as possible. Individual localities may request information regarding existing vegetation within the RPA as well as a description and site drawings of any proposed land disturbance, construction, or vegetation clearing. Locality staff charged with ensuring compliance with the Bay Act will then evaluate project proposals and advise their Local Wetlands Boards or other appropriate parties of applicable Bay Act issues.

#### **Notes for all projects in RPAs**

1. Development, construction, land disturbance, or placement of fill within RPA features requires a review from the locality and may require an exception or variance from the local Bay Act program or zoning ordinance. Please contact the appropriate local government to determine the types of development or land uses that are permitted within RPAs.
2. Pursuant to § 9VAC 10-20-105, on-site delineation of the RPA is required for all projects in CBPA localities. Because USGS maps are not always indicative of actual "in-field" conditions, they may not be used to determine the site-specific boundaries of the RPA.

#### **Notes for shoreline erosion control projects in RPAs**

Re-establishment of woody vegetation in the buffer may be required to mitigate for the removal or disturbance of buffer vegetation associated with your proposed project. Please contact the local government to determine the mitigation requirements for impacts to the 100-foot RPA buffer.

Pursuant to § 9VAC 10-20-130.5.a(4), § 9VAC 10-20-130.1, and § 9VAC 10-20-120 of the Virginia Administrative Code, the locality will use the information provided in this Appendix and in the project drawings, along with other information in this permit application, to make a determination that:

1. Any proposed shoreline erosion control measures are necessary and consistent with the nature of the erosion occurring on the site, and the measures have employed the "best available technical advice"
2. Indigenous vegetation will be preserved to the maximum extent practicable
3. Proposed land disturbance has been minimized
4. Appropriate mitigation plantings will provide the required water quality functions of the buffer (§ 9VAC 10-20-130.3)
5. The project is consistent with the locality's comprehensive plan
6. Access to the project will be provided with the minimum disturbance necessary.

# TIDEWATER VIRGINIA



## APPENDIX D

### Drawings

On the following pages, you will find sample drawings in plan and cross-sectional view that demonstrate the general format necessary for drawings. You should make sure to consult the detailed lists below to ensure that your drawings contain all of the necessary information. Failure to include all necessary information on your drawings may mean that your application is not considered complete by one or more agencies.

All projects will require the submittal of plan view and cross-sectional view drawings. These drawings should be drawn to a scale no smaller than 1 inch = 200 feet. The number of sets of drawings to be submitted is detailed in the HOW TO APPLY section starting on page 2 of this package. Drawings can be computer-generated or hand-drawn. Please be advised that some Local Wetlands Boards (LWB) require you to have a licensed engineer certify the drawings. You should contact your LWB to determine their specific requirements.

*Plan view drawings should contain the following general informational items:*

- ❖ Name of project
- ❖ North arrow
- ❖ Scale
- ❖ Waterway name, if designated
- ❖ Existing contours
- ❖ Proposed contours (if available)
- ❖ Width of waterway from the mean high water level to the mean high water level (tidal areas), or the ordinary high water mark to the ordinary high water mark (nontidal areas)
- ❖ Direction of flood and ebb (tidal areas), and/or direction of flow in nontidal areas (if applicable)
- ❖ Mean low water level and mean high water level (tidal areas), or ordinary high water mark (nontidal areas)
- ❖ Landward limit of the dune or beach at the site

*AND Plan view drawings should also contain the following specific informational items if they apply to the project:*

#### Resource Impact/Protection-Specific Items:

- ❖ Limits: of existing wetlands, open water, or streams, including submerged aquatic vegetation (SAV); of proposed impact areas, such as fill areas (square feet or acres) or dredge areas; of Chesapeake Bay Preservation Act Resource Protection Area(s) (RPA), including the 100-foot buffer; of proposed clearing within the RPA buffer
- ❖ Location and type of existing vegetation within the 100-foot RPA buffer; location of proposed wetland planting areas (as restoration for temporary impacts or mitigation for permanent impacts); locations of existing and proposed stream channel(s), including all proposed riffle/pool complexes, bars, and bank stabilization structures; location of proposed riprap scour protection
- ❖ Historic/cultural resources
- ❖ Threatened/Endangered resources

#### Structure/Project-Specific Items:

- ❖ Existing and proposed structures, labeled as 'existing' and 'proposed', and their dimensions. These items may include pier(s), including L-heads, T-heads, platforms, and/or decks; roof(s) on roofed structures located over waterways, including boathouses; gasoline storage tanks and/or structures for collecting and handling hazardous material, including settling tanks for travel lift washdown water, paint chips, etc.; return walls; tie-ins to existing bulkhead(s) or riprap; utility line easement(s); utility line/road right(s)-of-way; aerial transmission line structure(s), including towers, poles, platforms, etc.; onsite or offsite dredged material disposal areas, including location of all berms, spillways, erosion and sediment control measures, outfall pipes, and aprons; temporary stockpiles of excavated material; temporary construction access facilities; risers and/or emergency spillways, labeled with their proposed invert elevations; design pool/normal pool for stormwater management ponds/impoundments/reservoirs; intakes and/or outfalls, including splash aprons, relative to mean high water, mean low water, or ordinary high water mark(s); anchoring devices and weights (mooring buoys), including the total swing radius
- ❖ Channelward encroachment of proposed structure(s) from mean high water and mean low water, or from ordinary high water mark
- ❖ For piers that cover  $\frac{1}{4}$  or more of the waterway width: depth soundings, taken at the mean low water level (tidal areas) or the ordinary high water mark (nontidal areas)
- ❖ Distance(s) between structure(s) (piers, boathouses, catwalks, etc.) and mooring pile(s)
- ❖ Minimum distance between dredge cut and vegetated wetlands
- ❖ Latitude and longitude of all mooring structures, in degrees, minutes, and seconds
- ❖ End points and turning points along proposed bulkhead(s), labeled as such
- ❖ For bulkheads, measurements from each end point and each turning point along proposed bulkhead(s) to two fixed points of reference (labeled as such)
- ❖ Structure or method used to contain fill (hay bales, silt fences, etc.)
- ❖ Dimensions of impoundment, dam, or stormwater management facility and area of any vegetative management areas

## APPENDIX D – Drawings (Continued)

*Cross-section view drawings should contain the following General Informational items:*

- ❖ Name of project
- ❖ North arrow
- ❖ Scale
- ❖ Waterway name
- ❖ Mean low water and mean high water lines (tidal areas), and/or ordinary high water mark (nontidal areas)
- ❖ Direction of flood and ebb (tidal areas), and/or direction of flow in nontidal areas (if applicable)
- ❖ Existing contours of the bottom (depths relative to mean low water or ordinary high water mark) and the bank itself
- ❖ Existing contours of the dune or beach

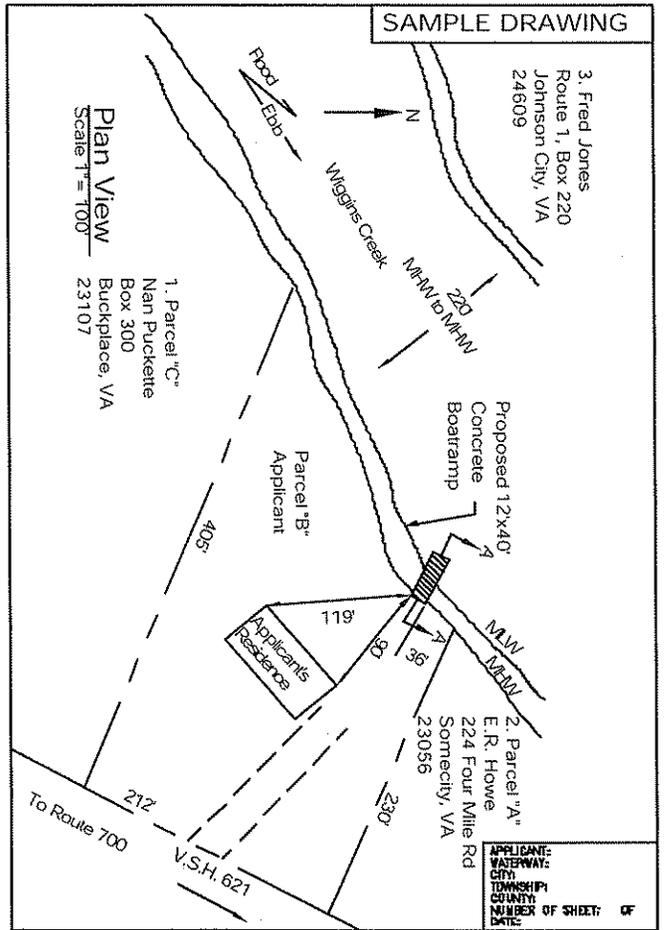
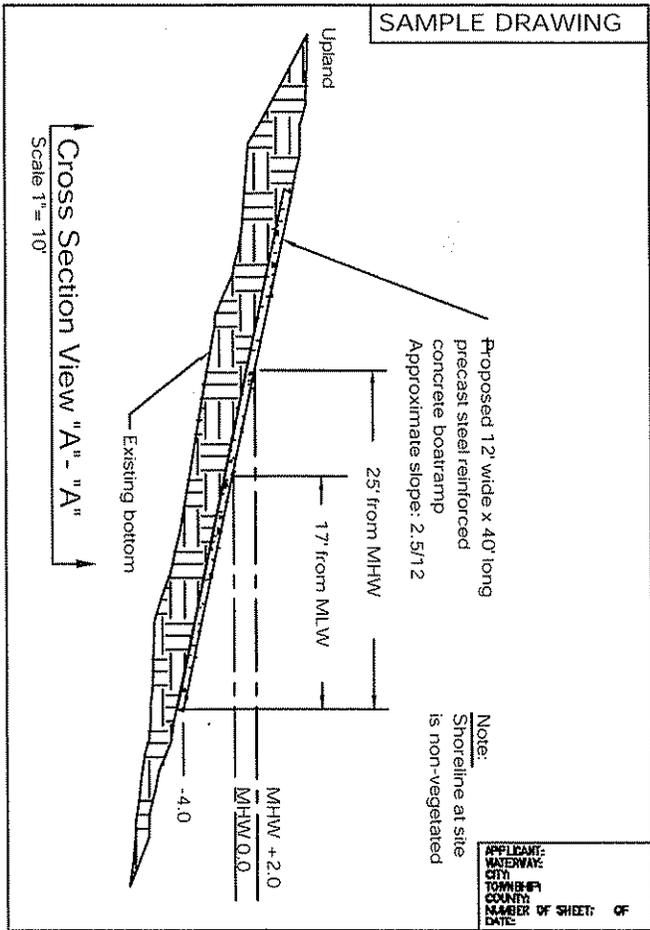
*AND Cross-section view drawings should also contain the following specific informational items if they apply to the project:*

Resource impact/protection-specific Items:

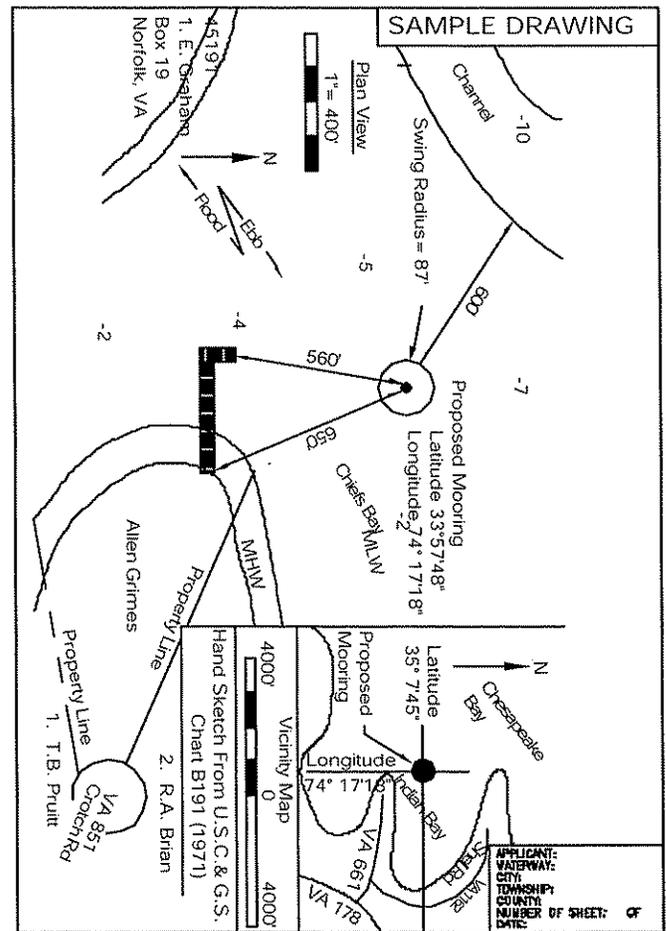
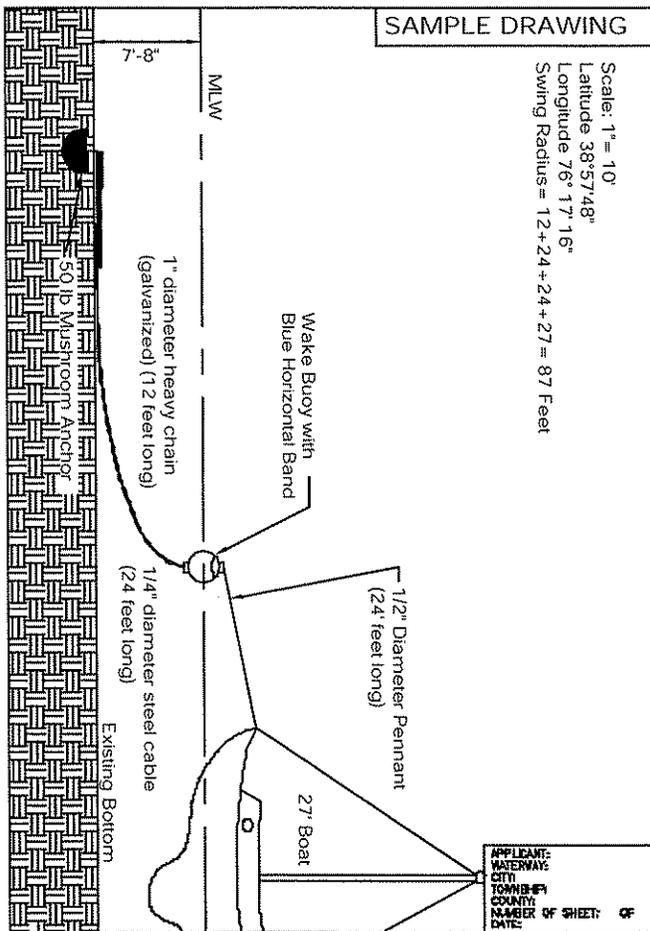
- ❖ Riprap scour protection
- ❖ Proposed wetland planting areas, relative to mean high water and mean low water (tidal areas), or ordinary high water mark (nontidal areas)
- ❖ Depth of buried toe of riprap or marsh toe stabilization
- ❖ Base width, top width, and slope of stone/concrete stabilization structures

Structure/Project-Specific Items:

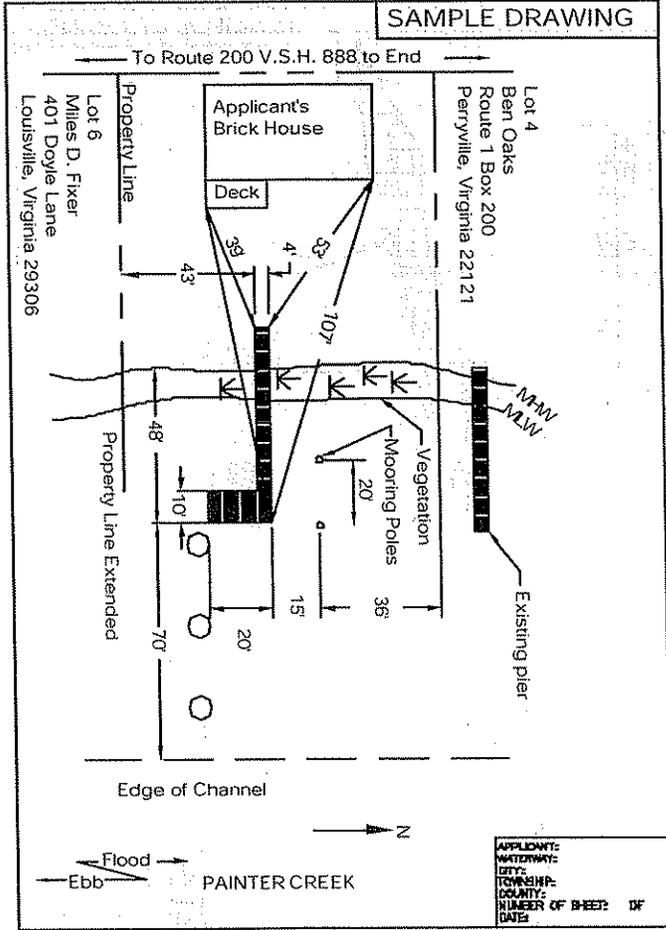
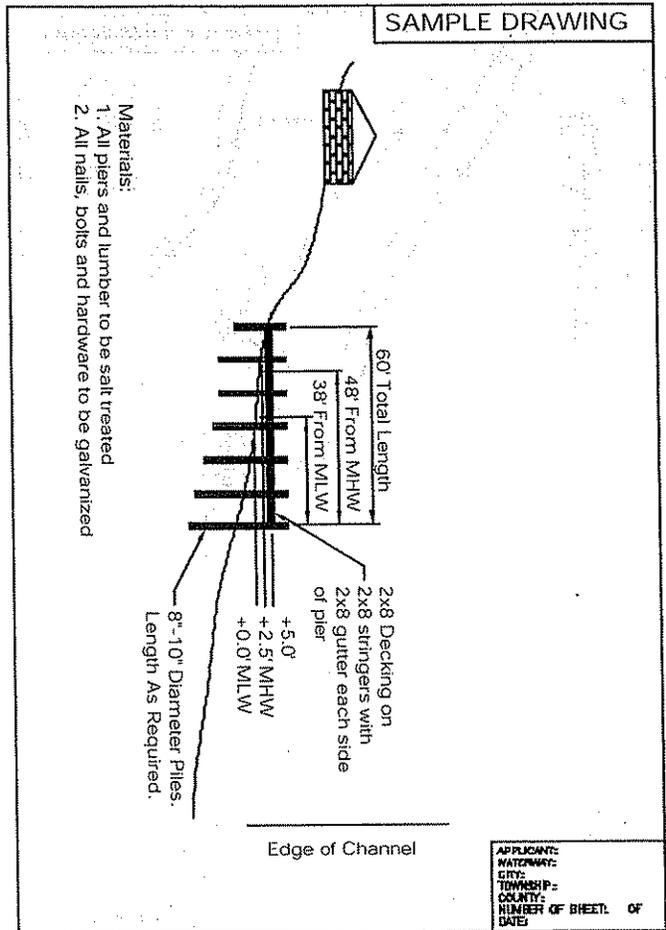
- ❖ Existing and proposed structures, labeled as 'existing' and 'proposed', and their dimensions. These items may include fill areas, labeled with square footage(s) or acreage(s) over vegetated wetlands and subaqueous bottom; berms, spillways, erosion and sediment control measures, outfall pipes, and aprons at onsite or offsite dredged material disposal area(s); bank grades; deadmen, sheeting, knee braces, etc., as used in the construction of bulkheads; filter cloth; weep holes; intakes and/or outfalls, including splash aprons, relative to mean high water, mean low water, or ordinary high water mark; risers and/or emergency spillways; low-flow channels; culverts, including their proposed invert elevations and diameters; anchoring systems for aquaculture structures; type of chain used to secure mooring buoys to subaqueous bottom
- ❖ For dredge projects, proposed contours of the bottom (depth relative to mean low water or ordinary water level)
- ❖ Bottom width of proposed dredge cut, projected side slope of cut, and estimated top width of cut
- ❖ Ponding depth of onsite or offsite dredged material disposal area
- ❖ Minimum distance between pier decking and vegetated wetland substrate (a.k.a. the "mud line")
- ❖ Water depth below mean low water at the end of proposed boat ramps
- ❖ Depth of penetration of pilings and/or sheeting (bulkheads)
- ❖ Elevation of any proposed fill (including backfill)
- ❖ Structure or method used to contain fill (hay bales, silt fences, etc.)
- ❖ Design pool/normal pool elevation for stormwater management facilities/impoundments/reservoirs
- ❖ Vertical distance from the water surface (relative to mean high water or ordinary high water mark) for all aerial crossings (bridges or overhead utility lines) over navigable water bodies
- ❖ Depth below bottom of water body for submarine utility crossings
- ❖ Dimensions of impoundment, dam, or stormwater management facility through a cross-section of the structure(s); bottom elevation(s) of basin created; depth of pool; and depth(s) to structure(s) on the bottom.



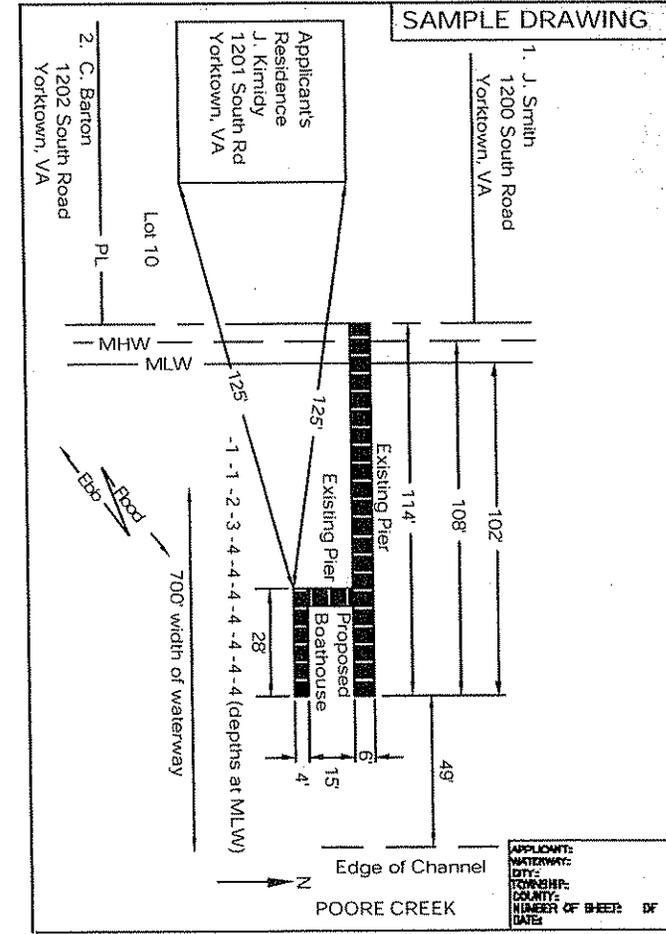
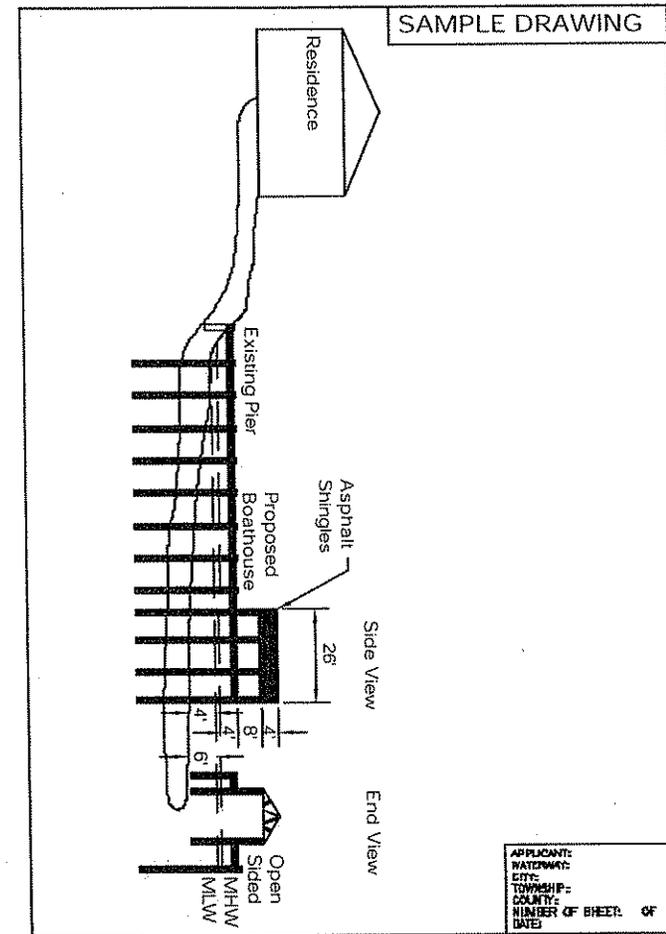
Boat Ramps



Dolphins or Moorings



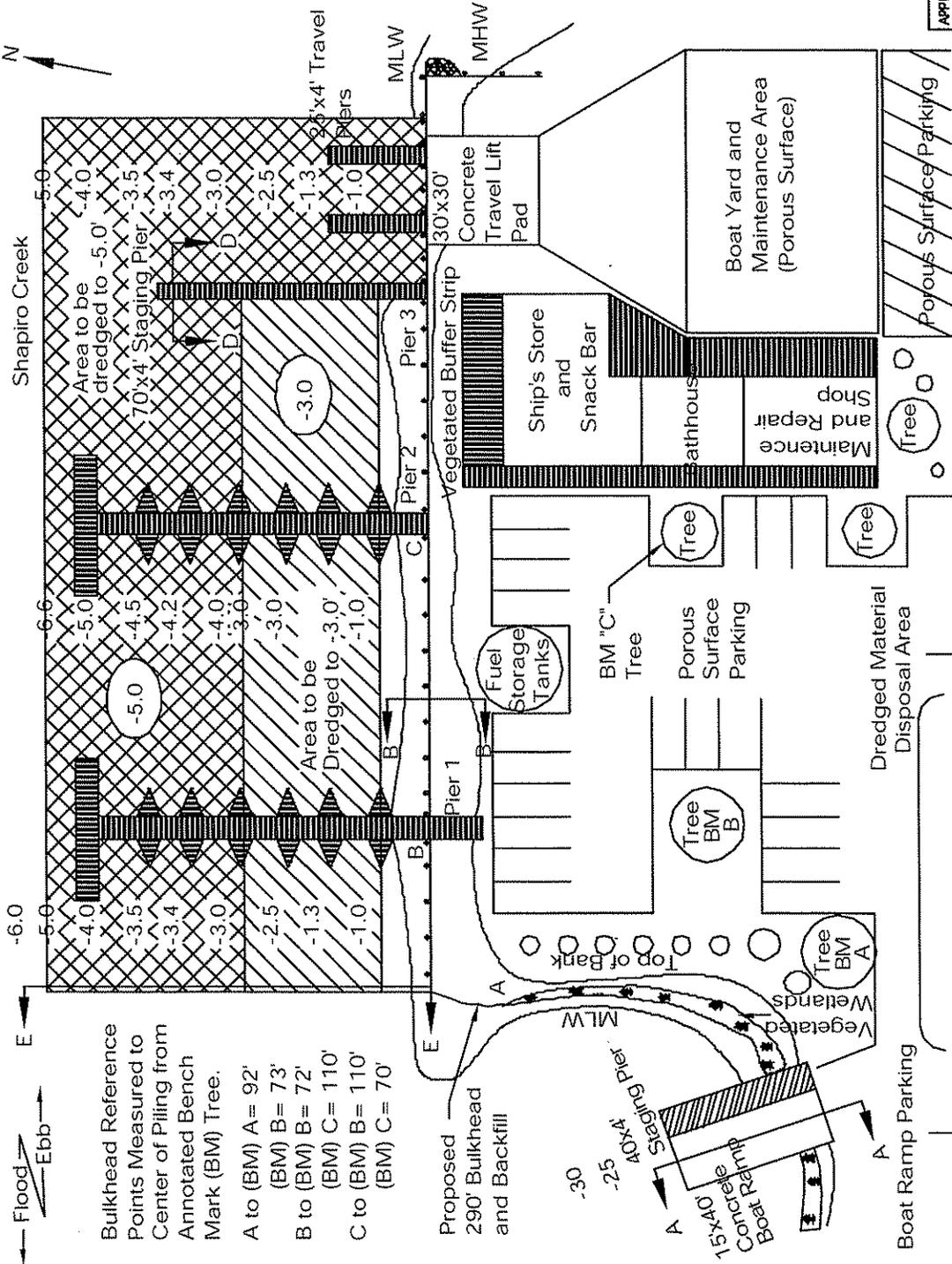
Private Piers & Marginal Wharves



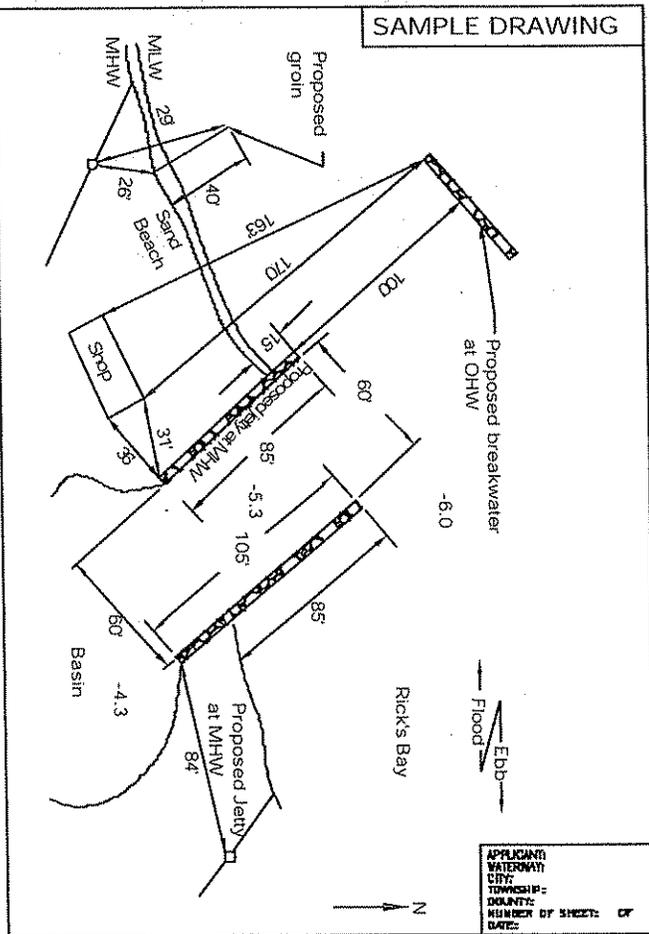
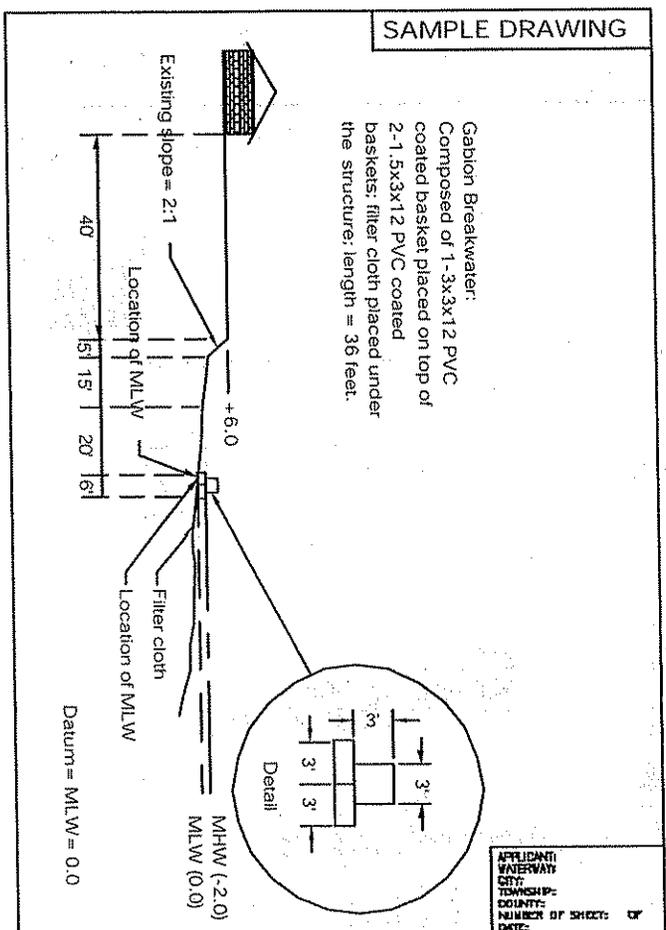
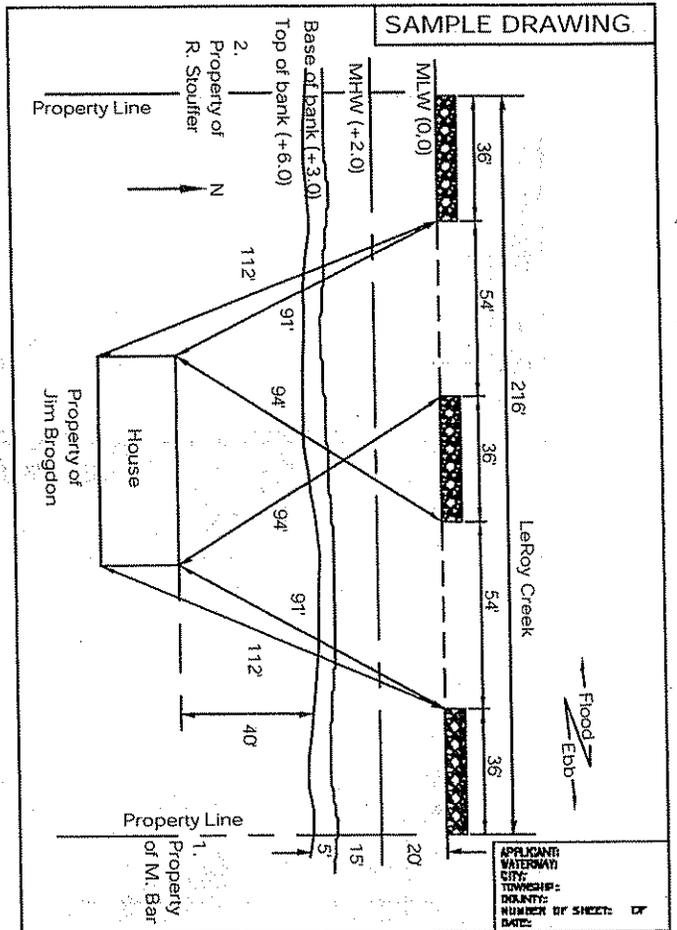
Boathouses

**SAMPLE DRAWING**

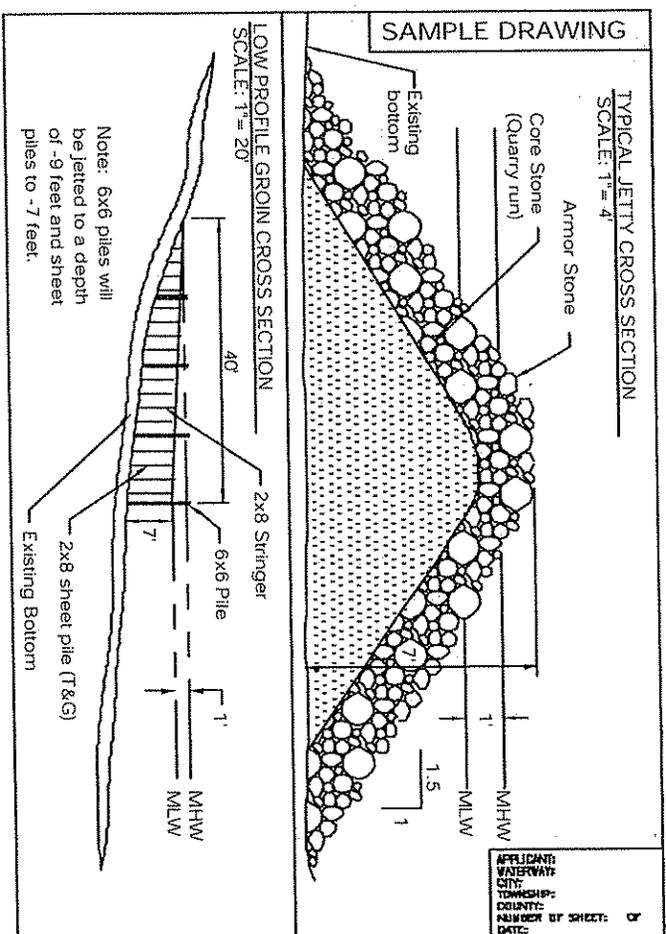
Overall width of waterway is 1800' at Pier 2 and 600' from pier "T" to the channel.



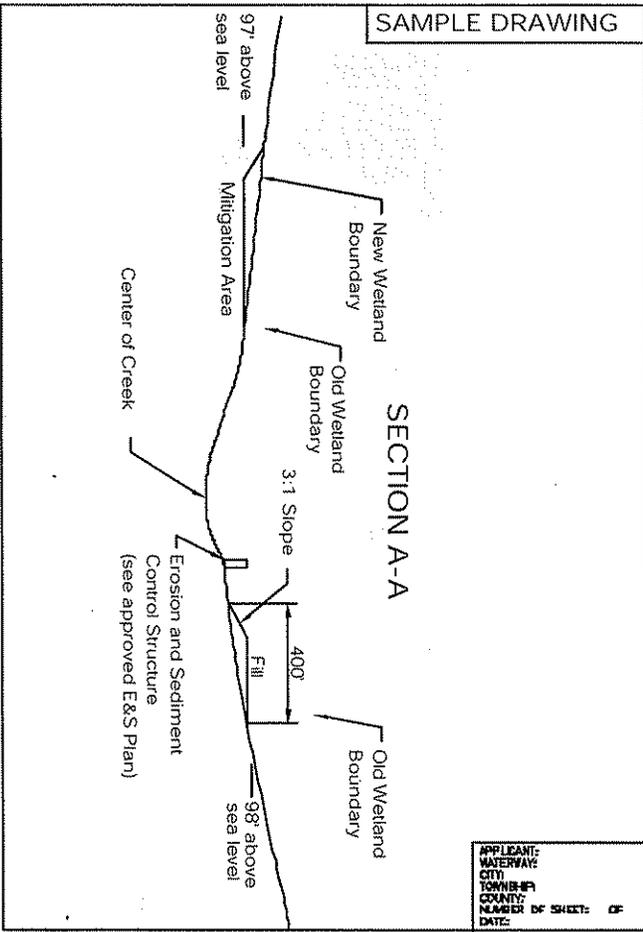
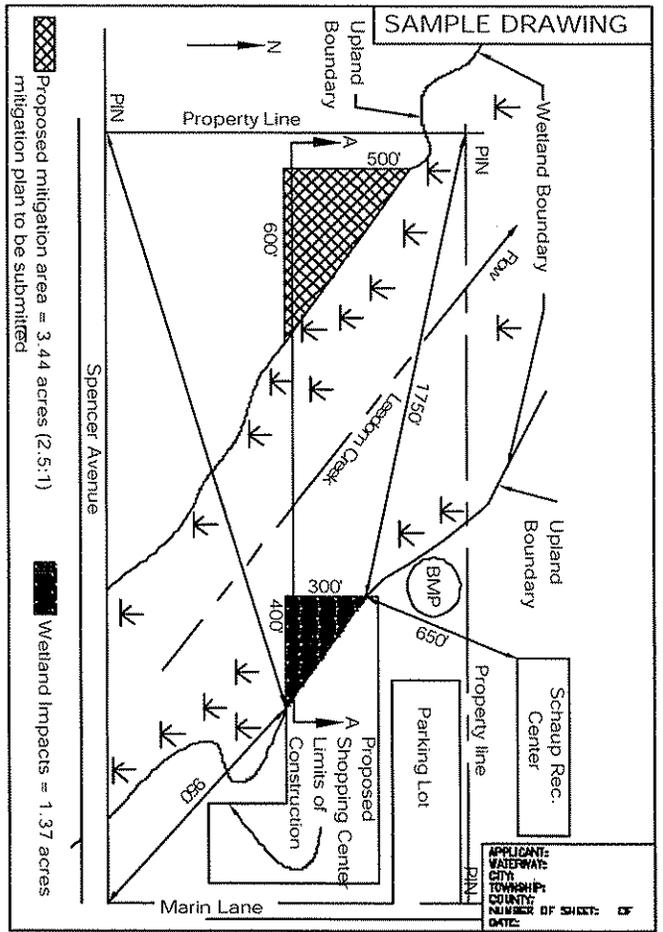
APPLICANT: \_\_\_\_\_  
 WATERWAY: \_\_\_\_\_  
 CITY: \_\_\_\_\_  
 TOWNSHIP: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_  
 NUMBER OF SHEET: \_\_\_\_\_ OF \_\_\_\_\_  
 DATE: \_\_\_\_\_



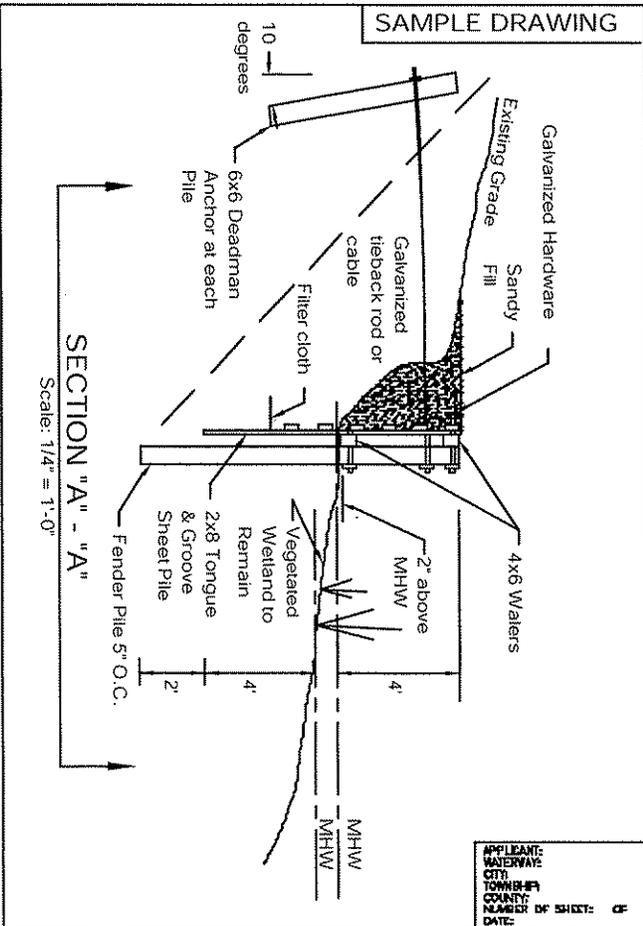
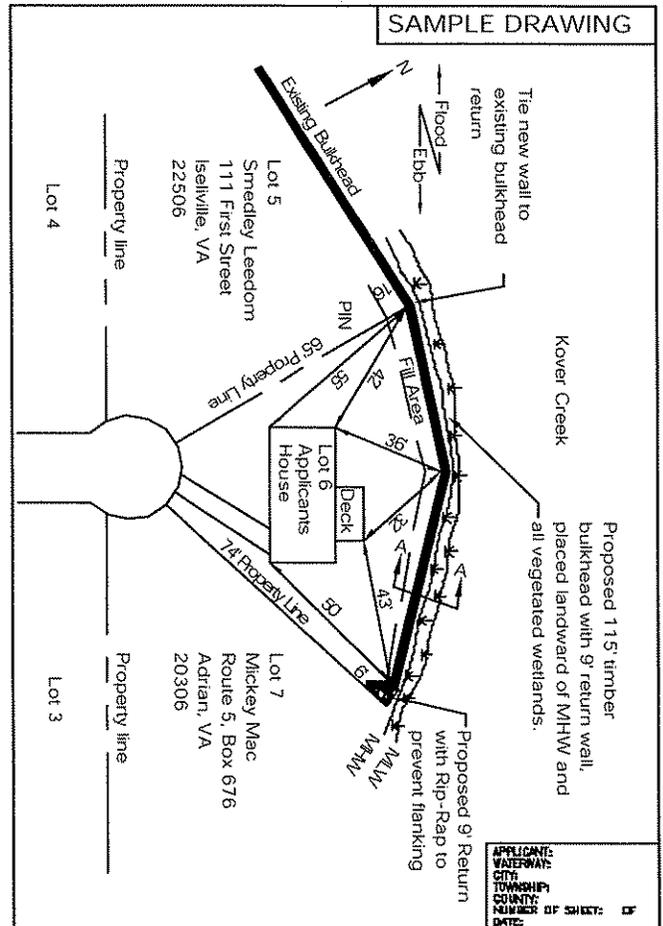
Breakwaters



Groins & Jetties

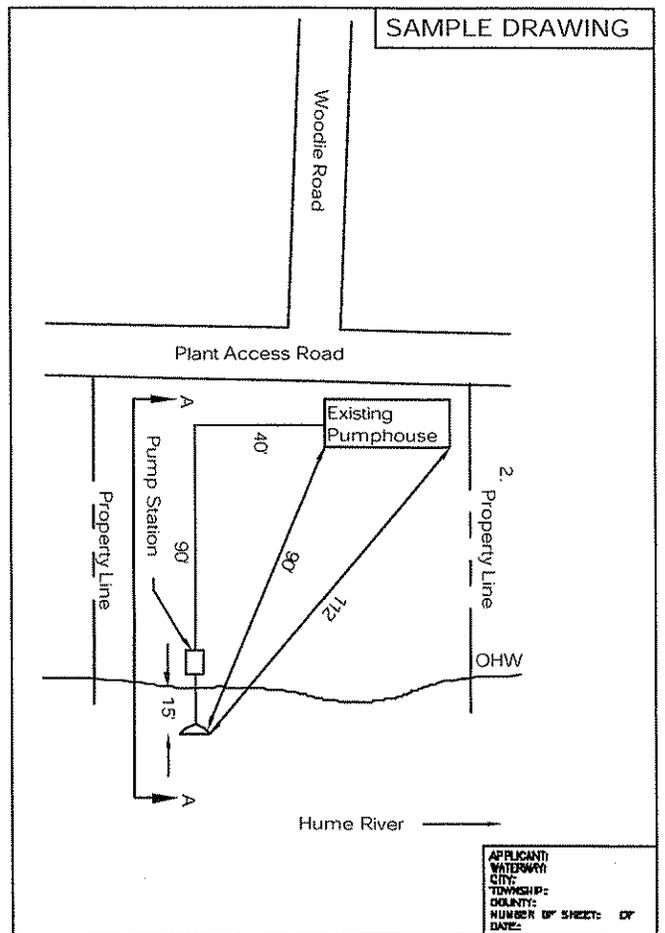
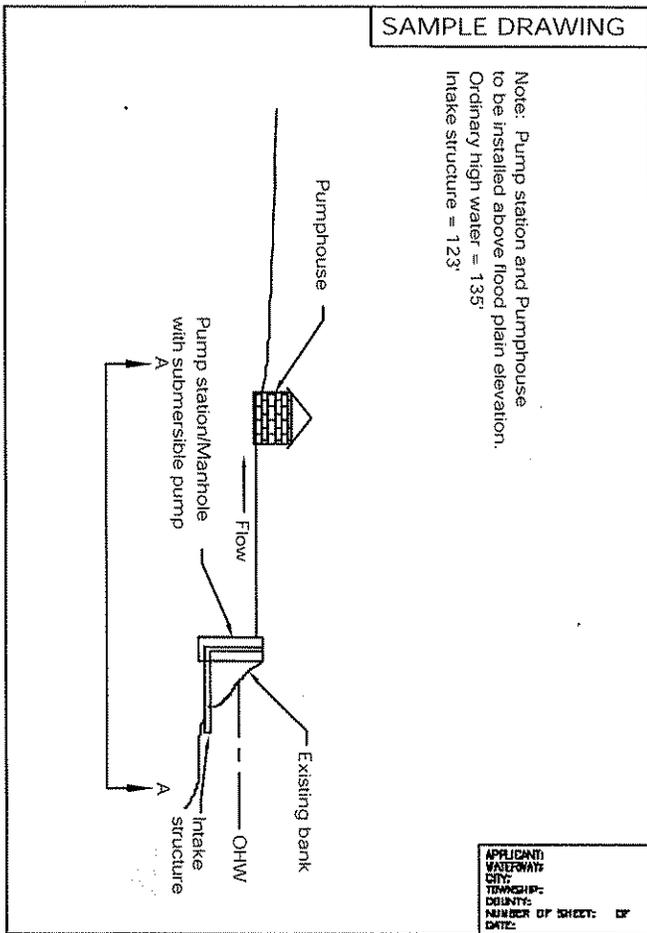


Filling Waters/Wetlands

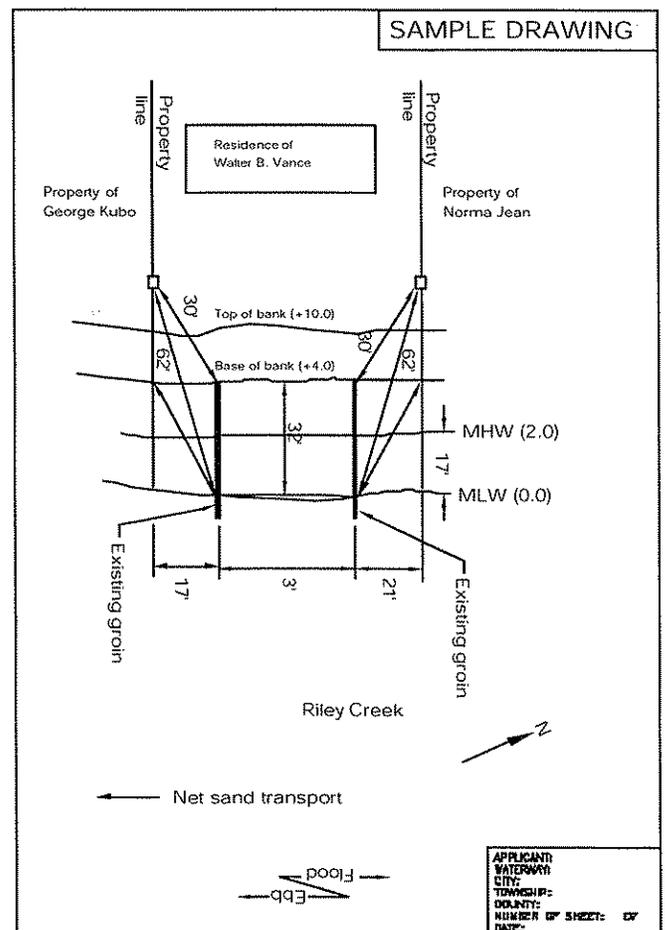
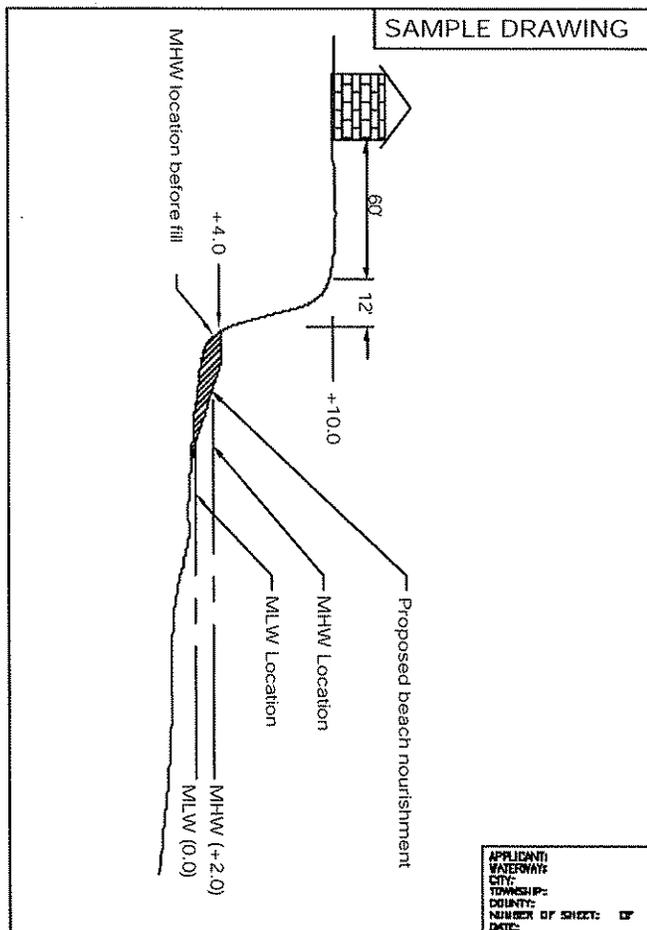


Bulkheads and Associated Backfill

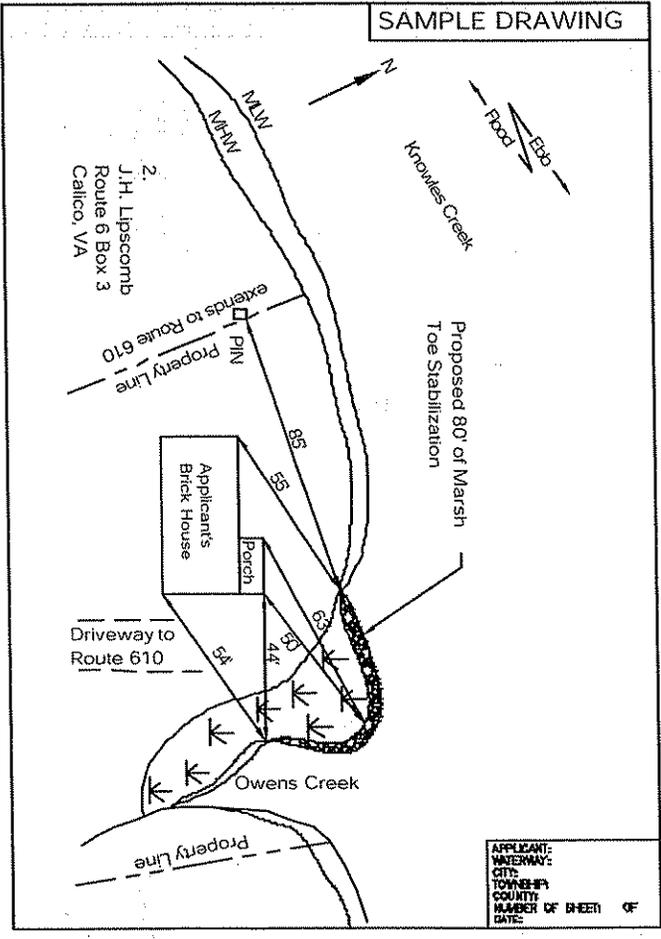
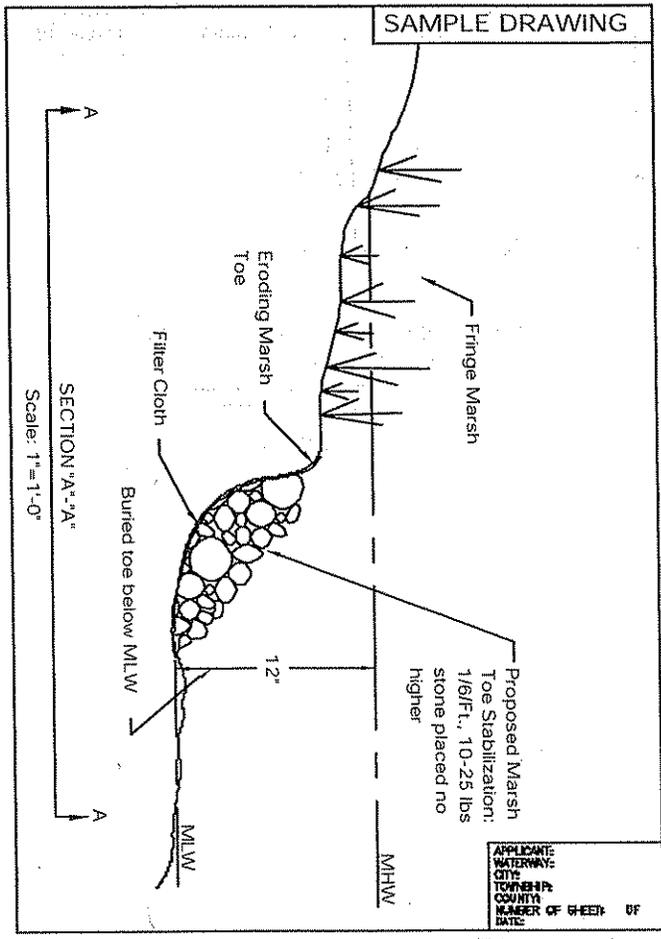




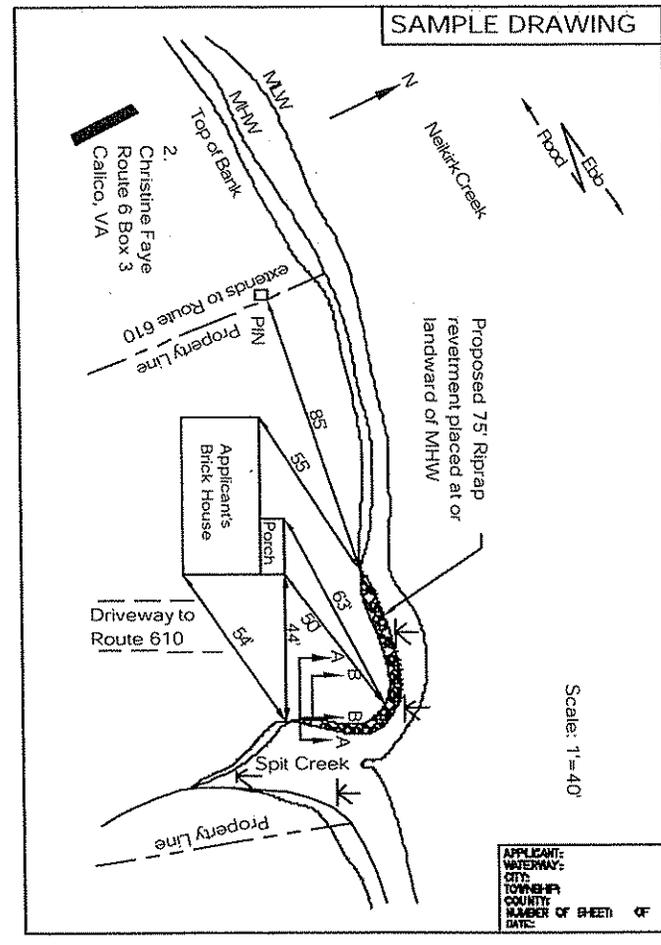
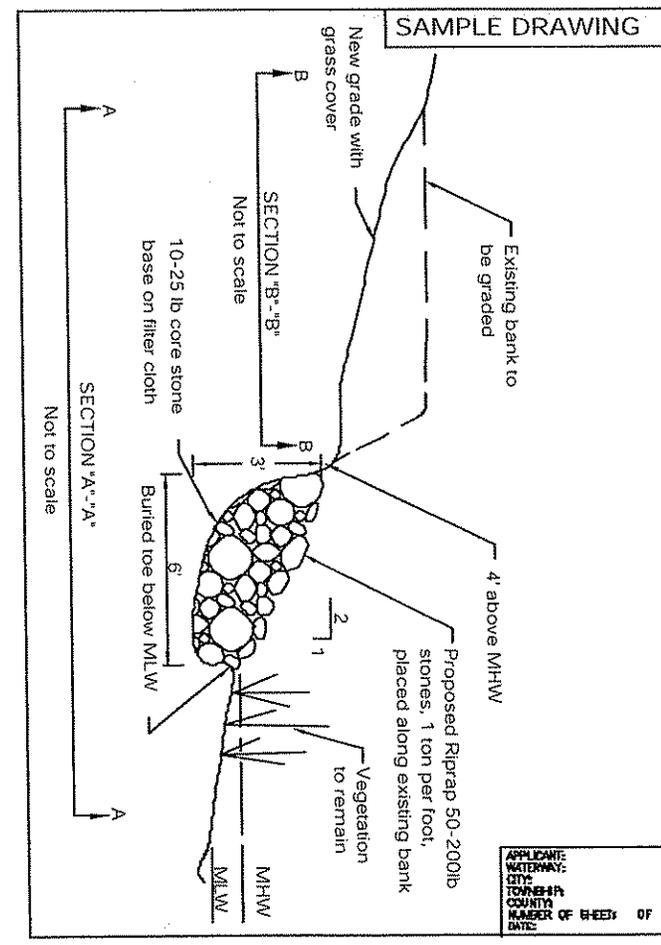
Intake/Outfall Structures



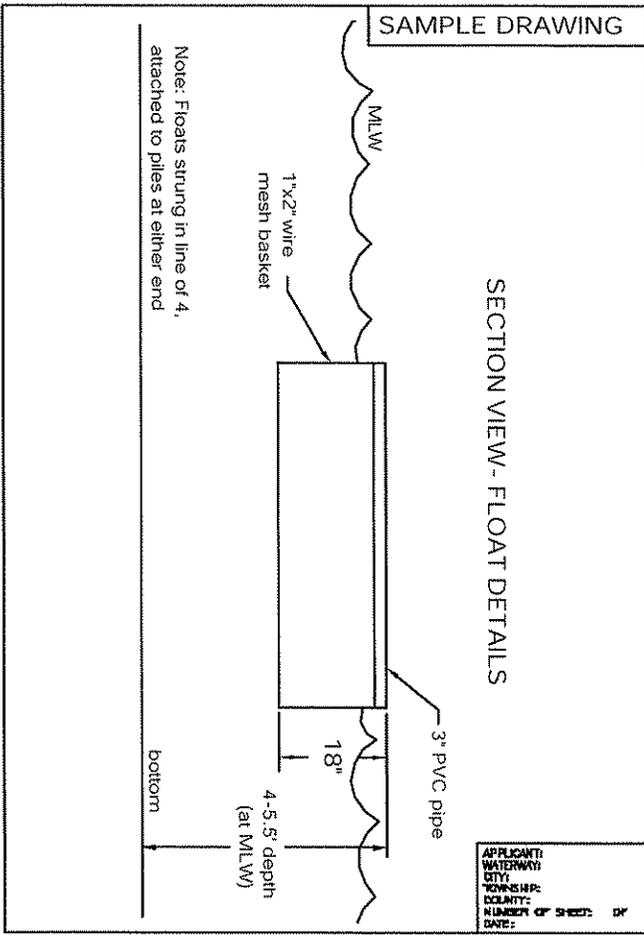
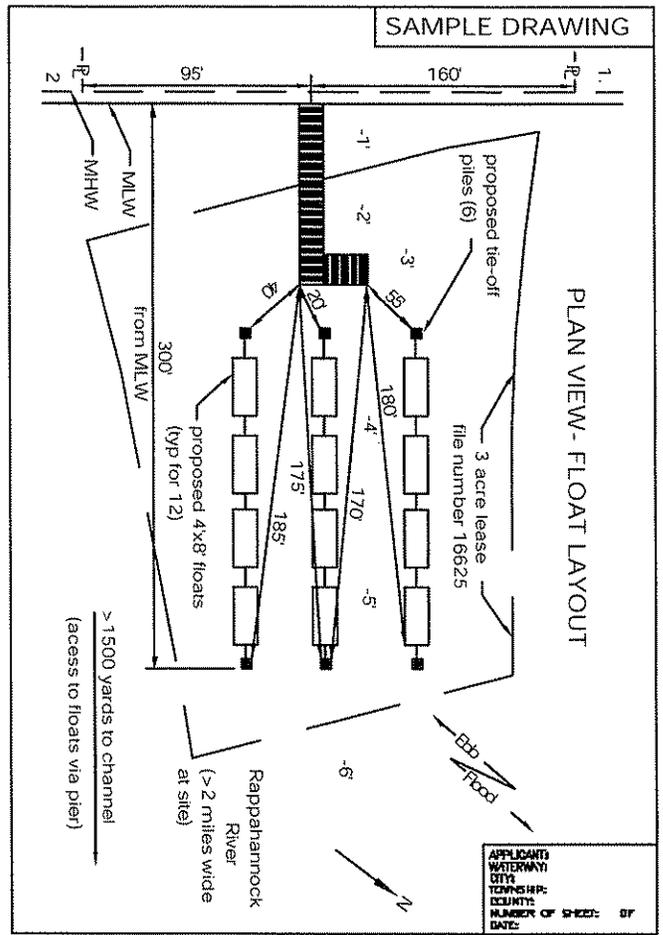
Beach Nourishment



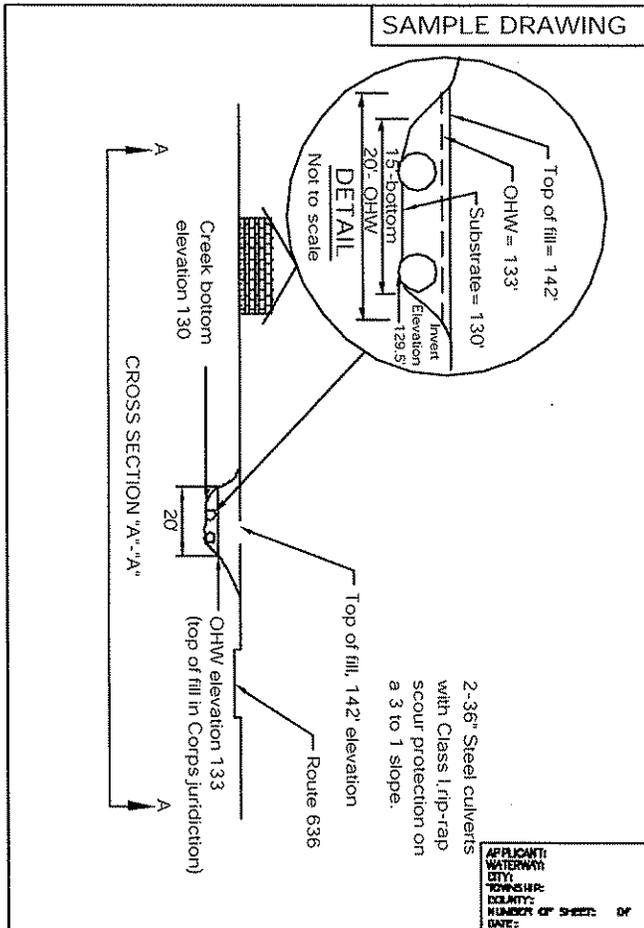
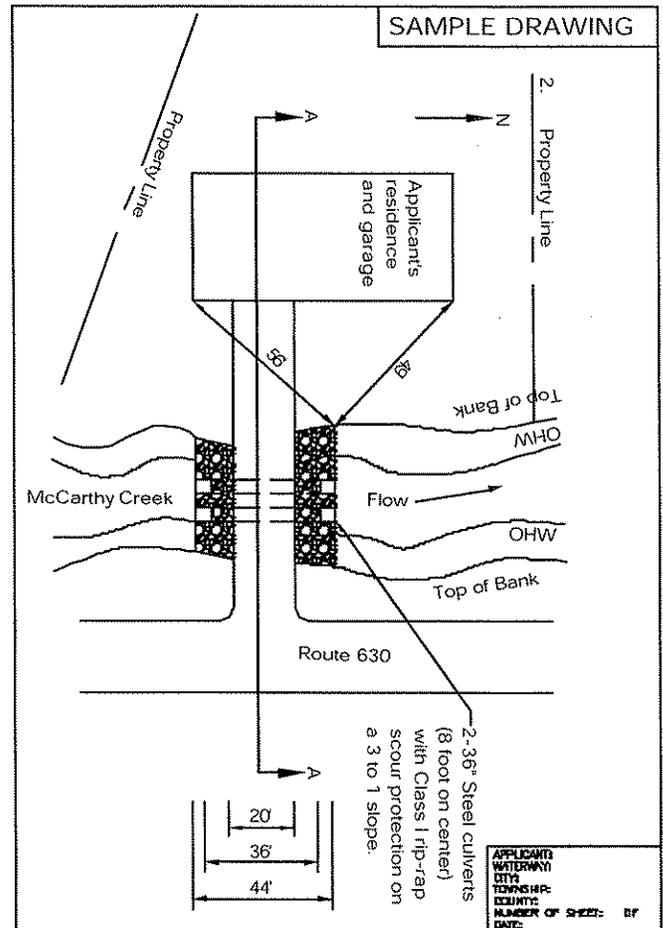
Marsh Toe Stabilization



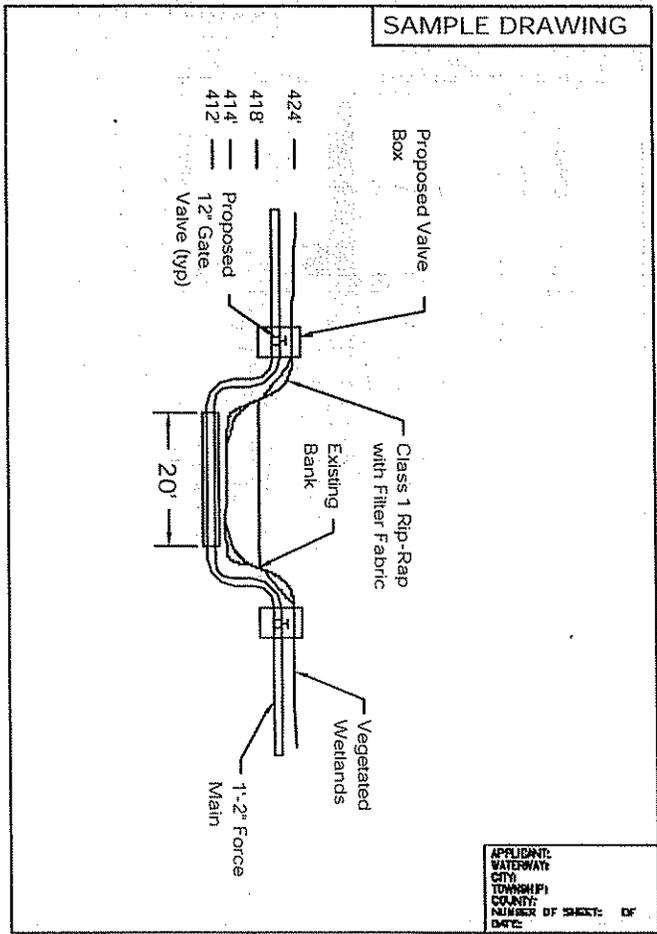
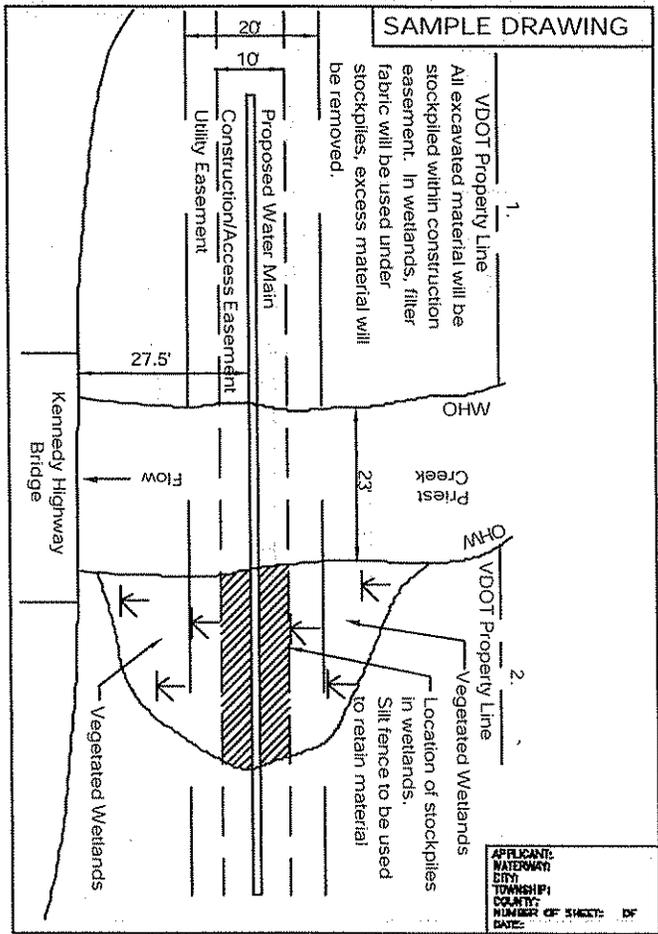
Riprap Revetment & Associated Backfill



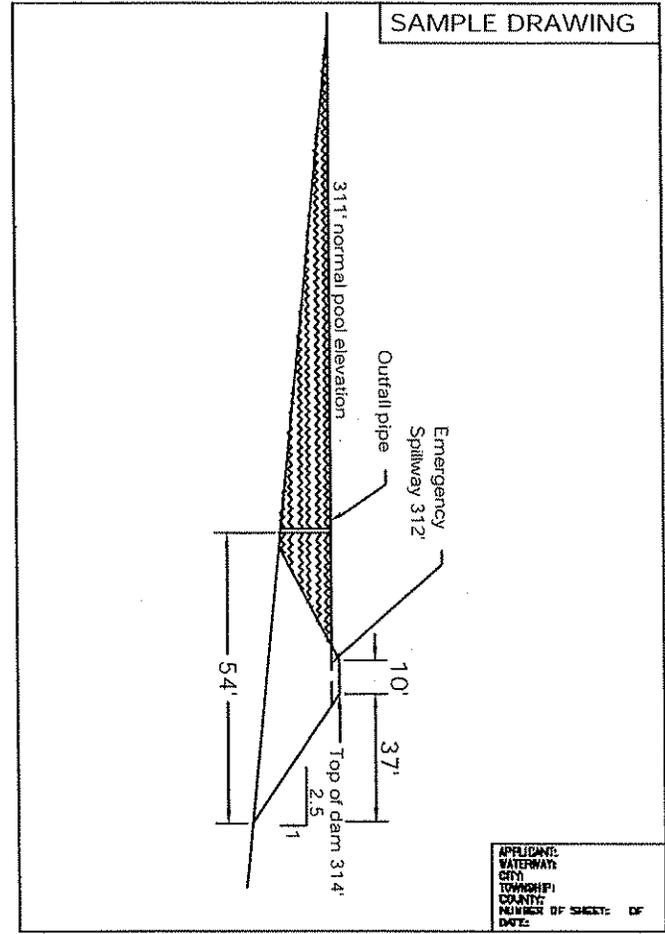
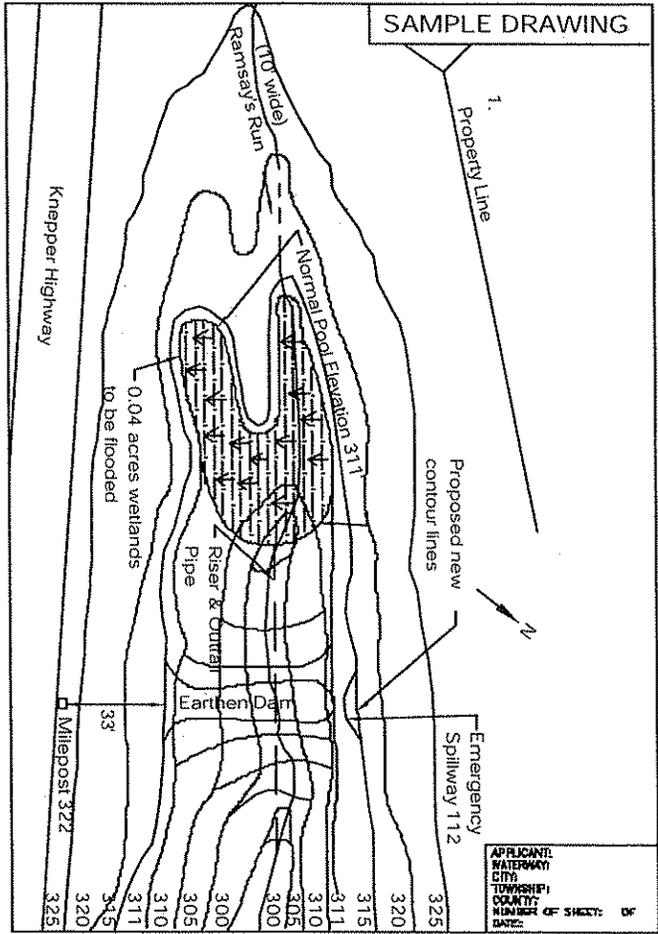
Private & Commercial Aquaculture Activities



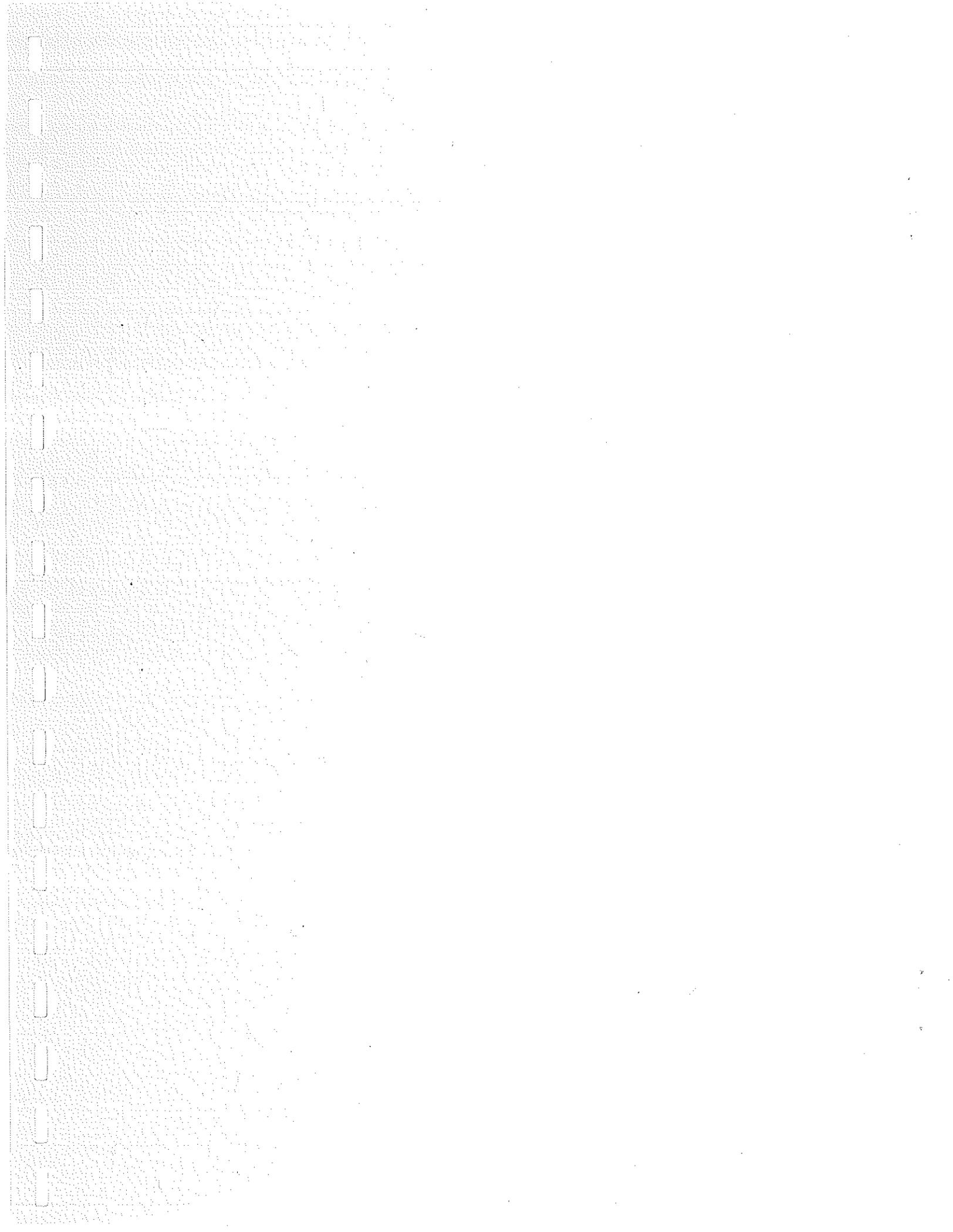
Road Crossings



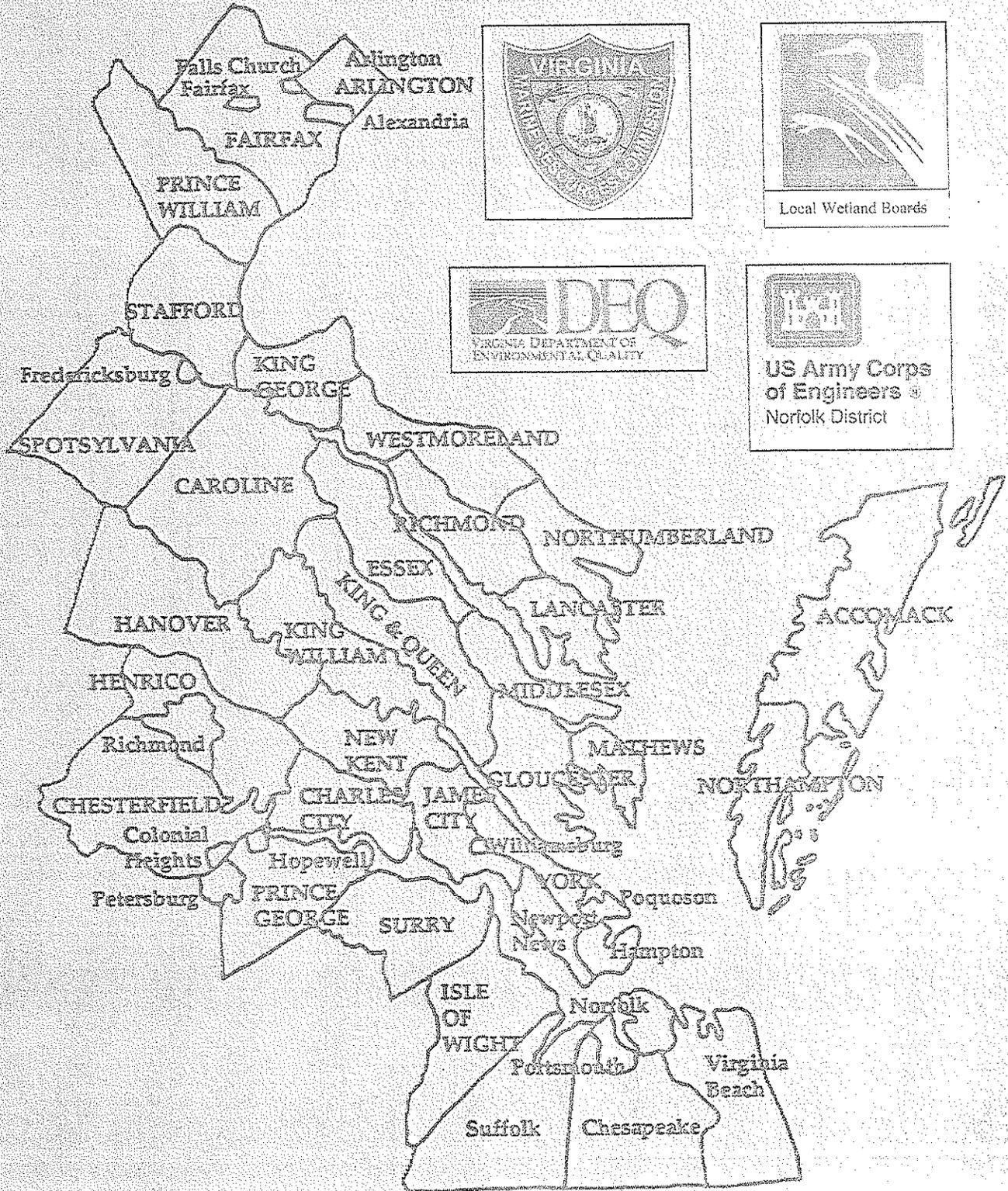
Utility Crossings



Impoundment/Dams



# Local/State/Federal Joint Permit Application For Projects In TIDEWATER VIRGINIA



## Regulatory Agency Contact Information



**Virginia Marine Resources Commission (VMRC)**  
Habitat Management Division  
2600 Washington Avenue, 3<sup>rd</sup> Floor  
Newport News, Virginia 23607-0756  
Phone: (757) 247-2200, Fax: (757) 247-8062  
Website: <http://www.mrc.virginia.gov/index.htm>



**US Army Corps  
of Engineers®**  
Norfolk District

**United States Army Corps of Engineers (USACE)**  
Norfolk District  
803 Front Street, ATTN: CENAO-REG  
Norfolk, Virginia 23510-1096  
Phone: (757) 201-7652, Fax: (757) 201-7678

Website: <http://www.nao.usace.army.mil/Technical%20Services/Regulatory%20Branch/homepage.asp>



**Virginia Department of Environmental Quality (DEQ)**  
Virginia Water Protection Program  
Post Office Box 1105  
Richmond, Virginia 23218  
Phone: (804) 698-4000  
Website: <http://www.deq.virginia.gov/>



### **LOCAL WETLANDS BOARD (LWB) CONTACT INFORMATION:**

Links to LWB information on the Web can be found at  
<http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/wetlandsboard.asp>  
In addition, the phone numbers listed below can be used to contact the LWB. Please be advised that these phone numbers are subject to change at any time.

Accomack County (757) 787-5721, Cape Charles (757) 331-3259, Charles City County (804) 829-9296, Chesapeake (757) 382-6248, Colonial Heights (804) 520-9275, Essex County (804) 443-4951, Fairfax County (703) 324-1364, Fredericksburg (540) 372-1179, Gloucester County (804) 693-2744, Hampton (757) 727-6140, Hopewell (804) 541-2267, Isle of Wight County (757) 365-6211, James City County (757) 253-6673, King and Queen County (804) 769-4978, King George County (540) 775-7111, King William County (804) 769-4927, Lancaster County (804) 462-5220, Mathews County (804) 725-5025, Middlesex County (804) 758-0500, New Kent County (804) 966-9690, Newport News (757) 247-8437, Norfolk (757) 664-4368, Northampton County (757) 678-0442, Northumberland County (804) 580-8910, Poquoson (757) 868-3040, Portsmouth (757) 393-8836, Prince William County (703) 792-6984, Richmond County (804) 333-3415, Stafford County (540) 658-8668, Suffolk (757) 923-3650, Virginia Beach (757) 427-8246, Westmoreland County (804) 493-0120, West Point (804) 843-3330, Williamsburg (757) 220-6130, York County (757) 890-3538

## **Tidewater Joint Permit Application (JPA) For Projects Involving Tidal Waters, Tidal Wetlands and/or Dunes and Beaches in Virginia**

This application may be used for most commercial and noncommercial projects involving **tidal waters, tidal wetlands and/or dunes and beaches in Virginia** which require review and/or authorization by local wetlands boards, the Virginia Marine Resources Commission, the Department of Environmental Quality, and/or the U. S. Army Corps of Engineers. This application can be used for:

- **Access-related activities**, including piers, boathouses, boat ramps (without associated dredging or excavation\*), moorings, marinas, aquaculture facilities<sup>#</sup>, etc.
- **Shoreline stabilization projects** including riprap revetments, marsh toe stabilization, bulkheads, breakwaters, beach nourishment, groins, jetties, etc.,
- **Crossings** over or under tidal waters and wetlands including bridges and utility lines (water, sewer, electric, etc.).

**\*Note:** for all dredging or excavation projects you **MUST** use the Standard JPA form.

**#Note:** for noncommercial, riparian shellfish aquaculture (i.e. "oyster gardening") you may use the abbreviated JPA found at <http://www.mrc.virginia.gov/forms/abbrjpa.pdf> or call VMRC for a form.

The Virginia Department of Environmental Quality and the U. S. Army Corps of Engineers use this form to determine whether projects qualify for certain General, Regional, and/or Nationwide permits. If your project does not qualify for these permits and you need a DEQ Virginia Water Protection permit or an individual Corps permit, you must submit the Standard Joint Permit application form. You can find this application at <http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/JPA.asp>.

### **HOW TO APPLY**

**Submit one (1) completed copy of the Tidewater JPA to VMRC:**

1. **If by mail or courier, use the VMRC address provided on page 1.**
2. **If by electronic mail (i.e., email), address the package to: [JPA.permits@mrc.virginia.gov](mailto:JPA.permits@mrc.virginia.gov).**  
**The application must be provided as an attachment in the .pdf format.**

The Tidewater JPA should include the following:

1. **Part 1 – General Information**
2. **Part 2 – Signatures**
3. **Part 3 - Appendices (A, B and/or C, as applicable to your project)**
4. **Part 4 – Project Drawings.** The drawings shall include the following for **ALL** projects:
  - **Vicinity Map** (USGS topographic map, road map or similar showing project location)
  - **Plan View Drawing** (overhead, to scale or with dimensions clearly marked)
  - **Section View Drawing** (side-view, to scale or with dimensions clearly marked)

Sample drawings are included at the end of Part 4 of this application to show examples of the information needed to consider your application complete and allow for the timely processing.

In order for projects requiring LWB authorization to be considered complete (Virginia Code § 28.2-1302); "The permit application shall include the following: the name and address of the applicant; a detailed description of the proposed activities; a map, drawn to an appropriate and uniform scale, showing the area of wetlands directly affected, the location of the proposed work thereon, the area of existing and proposed fill and excavation, the location, width, depth and length of any proposed channel

and disposal area, and the location of all existing and proposed structures, sewage collection and treatment facilities, utility installations, roadways, and other related appurtenances of facilities, including those on the adjacent uplands; a description of the type of equipment to be used and the means of access to the activity site; the names and addresses of record of adjacent land and known claimants of water rights in or adjacent to the wetland of whom the applicant has notice; an estimate of cost; the primary purpose of the project; and secondary purpose of the proposed project; a complete description of measures to be taken during and after alteration to reduce detrimental offsite effects; the completion date of the proposed work, project, or structure; and such additional materials and documentation as the wetlands board may require.”

You may include signed Adjacent Property Owner (APO) Acknowledgement Forms found at the end of this Short Form. You must provide these addresses in Part 1 whether or not you use the APO forms. VMRC will request comments from APOs for projects that require permits for encroachment over state-owned submerged lands. VMRC or your local wetlands board must notify all APO’s of public hearings required for all proposals involving tidal wetlands and dunes/beaches that are not authorized by statute.

You may include the *RP-17 Certificate of Compliance* form **only** if you are building a private pier **and** have read, understand and are in compliance with this U. S. Army Corps of Engineers Regional Permit 17. The Regional Permit can be found at:  
[http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/RP-17\\_2003\\_compcert.pdf](http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/RP-17_2003_compcert.pdf)  
or you may contact them directly to obtain this information. You may also need a local building permit prior to commencing your private pier. Contact your local building officials to determine permit needs.

**Note: Land disturbance (grading, filling, etc.) or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Certain localities utilize this application during their Bay Act review. Part 5 of this application is included to provide assistance for the applicant to comply with Bay Act /or Erosion and Sediment Control requirements concurrent with this application.**

### WHAT HAPPENS NEXT

Upon receipt of an application, VMRC will assign a permit application number to the JPA and will then distribute a copy of the application and any original plan copies submitted to the other regulatory agencies that are involved in the JPA process. All agencies will conduct separate but concurrent reviews of your project. Please be aware that each agency must issue a separate permit (or a notification that no permit is required). Therefore, make sure that you have received all necessary authorizations, or documentation that no permit is required, from each agency prior to beginning the proposed work.

During the JPA review process, site inspections may be necessary to evaluate a proposed project. Failure to allow an authorized representative of a regulatory agency to enter the property, or to take photographs of conditions at the project site, may result in either the withdrawal of your permit application or denial of a permit.

### PERMIT APPLICATION FEES

***Do not send any permit application fees in with the JPA***, since VMRC is not responsible for accounting for permit application fees required by other agencies. Fees are subject to change. Please consult agency Websites or contact agencies directly for current fee information.

- ❖ **USACE:** Permit application fees are required for USACE Individual (Standard) permits. A USACE project manager will contact you regarding the proper fee and submittal requirements.

- ❖ DEQ: Permit application fees required by DEQ for VWP permits are provided on DEQ's Website at <http://www.deq.virginia.gov/wetlands/permitfees.html> or on the Commonwealth of Virginia's Website at <http://leg1.state.va.us/000/reg/TOC09025.HTM#C0020>. A DEQ project manager will contact you regarding the proper fee and submittal requirements after receiving your application package. After being contacted by the DEQ, mail the permit application fee and the Permit Application Fee Form to the address listed on the form. Please make sure that the applicant name and facility (project) name are the same as those reported in your JPA.
- ❖ VMRC: Permit fees are \$25.00 for projects costing \$10,000 or less and \$100 for projects costing more than \$10,000. Royalties may also be required for some projects. The proper fee and any required royalty is paid at the time of permit issuance by VMRC. VMRC staff will send the permittee a letter notifying him/her of the proper fees and submittal requirements.
- ❖ LWB: Permit fees vary. Contact the LWB in your locality or reference locality Websites for fee information and submittal requirements. Contact information for LWB may be found at <http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/wetlandsboard.asp>.

## Part 1 – General Information

**PLEASE PRINT OR TYPE ALL RESPONSES:** If a question does not apply to your project, please print N/A (not applicable) in the block or space provided. If additional space is needed, attach 8-1/2" x 11" sheets of paper.

County or City in which the project is located: \_\_\_\_\_  
 Waterway at project site: \_\_\_\_\_

1. Applicant's name\* and complete mailing address: \_\_\_\_\_  
 Contact Information:  
 Home ( ) \_\_\_\_\_  
 Work ( ) \_\_\_\_\_  
 Fax ( ) \_\_\_\_\_  
 Cell/ Pager ( ) \_\_\_\_\_  
 e-mail \_\_\_\_\_  
 State Corporation Commission ID Number (if applicable) \_\_\_\_\_

2. Property owner(s) name\* and complete address, if different from applicant \_\_\_\_\_  
 Contact Information:  
 Home ( ) \_\_\_\_\_  
 Work ( ) \_\_\_\_\_  
 Fax ( ) \_\_\_\_\_  
 Cell/ Pager ( ) \_\_\_\_\_  
 e-mail \_\_\_\_\_  
 State Corporation Commission ID Number (if applicable) \_\_\_\_\_

3. Authorized agent name\* and complete mailing address (if applicable): \_\_\_\_\_  
 Contact Information:  
 Home ( ) \_\_\_\_\_  
 Work ( ) \_\_\_\_\_  
 Fax ( ) \_\_\_\_\_  
 Cell/ Pager ( ) \_\_\_\_\_  
 e-mail \_\_\_\_\_  
 State Corporation Commission ID Number (if applicable) \_\_\_\_\_

**\* If multiple applicants, property owners, and/or agents, each must be listed and each must sign the applicant signature page. If for a company, use the SCC registered name.**

4. Provide a detailed description of the project in the space below. If additional space is needed, provide a separate sheet of paper with the project description. Be sure to include how the construction site will be accessed, especially if clearing and/or grading will be required.

<b>FOR AGENCY USE ONLY</b>	
	Notes:
	JPA #

## Part 1 - General Information (continued)

5. Have you obtained a contractor for the project? \_\_\_ Yes\* \_\_\_ No. \*If your answer is "Yes" complete the remainder of this question and submit the Applicant's and Contractor's Acknowledgment Form (enclosed)

Contractor's name\* and complete mailing address:

Contact Information:

Home ( ) \_\_\_\_\_

Work ( ) \_\_\_\_\_

Fax ( ) \_\_\_\_\_

Cell / Pager ( ) \_\_\_\_\_

email \_\_\_\_\_

State Corporation Commission ID Number (if applicable) \_\_\_\_\_

**\* If multiple contractors, each must be listed and each must sign the applicant signature page. If for a company, use the SCC registered name.**

6. List the name, address and telephone number of the newspaper having general circulation in the area of the project. Failure to complete this question may delay local and State processing.

Name and complete mailing address:

Telephone number

( ) \_\_\_\_\_

7. Give the following project location information:

Street Address (911 address if available) \_\_\_\_\_

Lot/Block/Parcel# \_\_\_\_\_

Subdivision \_\_\_\_\_

City / County \_\_\_\_\_

If the project is located in a rural area, please provide driving directions.

**Note: if the project is in an undeveloped subdivision or property, clearly stake and identify property lines and location of the proposed project. A supplemental map showing how the property is to be subdivided should also be provided.**

## Part 1 - General Information (continued)

8. What is the primary and secondary purpose of the project? For example, the primary purpose may be "to protect property from erosion due to boat wakes" and the secondary purpose may be "to provide safer access to a pier."

9. Proposed use (check one):

Single user (private, non-commercial, residential)

Multi-user (community, commercial, industrial, government)

10. Describe the measures that will be taken to avoid and minimize impacts, to the maximum extent practicable, to wetlands, surface waters, submerged lands, and buffer areas associated with any disturbance (clearing, grading, excavating) during and after project construction.

**Please be advised that unavoidable losses of tidal wetlands and/or aquatic resources may require compensatory mitigation.**

11. Have you previously had a site visit, applied to, or obtained a permit from any agency (Federal, State, or Local) for any portion of the project described in this application or any other project at the site?

Yes\*  No \* If you answered "Yes", provide the following information:

<u>Agency / Representative</u>	<u>Activity</u>	<u>Permit/Project No.</u>	<u>Action** &amp; Date</u>
--------------------------------	-----------------	---------------------------	----------------------------

(\*\*Issued, Denied, Withdrawn, or Site Visit)

## Part 1 - General Information (continued)

12. Is this application being submitted for after-the-fact authorization for work which has already begun or been completed? \_\_\_ Yes \_\_\_ No. If yes, be sure to clearly depict the portions of the project which are already complete in the project drawings.
  
13. Approximate cost of the entire project (materials, labor, etc.): \$ \_\_\_\_\_  
Approximate cost of that portion of the project which is below mean low water: \$ \_\_\_\_\_
  
14. Completion date of the proposed work: \_\_\_\_\_
  
15. Adjacent Property Owner Information: List the name and complete mailing address, including zip code, of each adjacent property owner to the project. (NOTE: a property owner/applicant cannot be their own adjacent property owner. You must give the next owner down the river, creek, etc).

## Part 2 - Signatures

### 1. Applicants and property owners (if different from applicant).

**NOTE: REQUIRED FOR ALL PROJECTS**

**PRIVACY ACT STATEMENT:** The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972. These laws require that individuals obtain permits that authorize structures and work in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters prior to undertaking the activity. Information provided in the Joint Permit Application will be used in the permit review process and is a matter of public record once the application is filed. Disclosure of the requested information is voluntary, but it may not be possible to evaluate the permit application or to issue a permit if the information requested is not provided.

**CERTIFICATION:** I am hereby applying for all permits typically issued by the DEQ, VMRC, U.S. Army Corps of Engineers, and/or Local Wetlands Boards for the activities I have described herein. I agree to allow the duly authorized representatives of any regulatory or advisory agency to enter upon the premises of the project site at reasonable times to inspect and photograph site conditions, both in reviewing a proposal to issue a permit and after permit issuance to determine compliance with the permit.

In addition, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

\_\_\_\_\_  
Applicant's Name (printed/typed)

\_\_\_\_\_  
(Use if more than one applicant)

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
(Use if more than one applicant)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Property Owner's Name (printed/typed)  
(If different from Applicant)

\_\_\_\_\_  
(Use if more than one owner)

\_\_\_\_\_  
Property Owner's Signature

\_\_\_\_\_  
(Use if more than one owner)

\_\_\_\_\_  
Date

## Part 2 – Signatures (continued)

### 2. Applicants having agents (if applicable)

#### CERTIFICATION OF AUTHORIZATION

I (we), \_\_\_\_\_, hereby certify that I (we) have authorized \_\_\_\_\_  
(Applicant's name(s)) (Agent's name(s))  
to act on my behalf and take all actions necessary to the processing, issuance and acceptance of this permit and any and all standard and special conditions attached.  
We hereby certify that the information submitted in this application is true and accurate to the best of our knowledge.

\_\_\_\_\_  
(Agent's Signature)

\_\_\_\_\_  
(Use if more than one agent)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Applicant's Signature)

\_\_\_\_\_  
(Use if more than one applicant)

\_\_\_\_\_  
(Date)

### 3. Applicant's having contractors (if applicable)

#### CONTRACTOR ACKNOWLEDGEMENT

I (we), \_\_\_\_\_, have contracted \_\_\_\_\_  
(Applicant's Name(s)) (Contractor's Name(s))  
to perform the work described in this Joint Permit Application, signed and dated \_\_\_\_\_.

We will read and abide by all conditions set forth in all Federal, State and Local permits as required for this project. We understand that failure to follow the conditions of the permits may constitute a violation of applicable Federal, state and local statutes and that we will be liable for any civil and/or criminal penalties imposed by these statutes. In addition, we agree to make available a copy of any permit to any regulatory representative visiting the project to ensure permit compliance. If we fail to provide the applicable permit upon request, we understand that the representative will have the option of stopping our operation until it has been determined that we have a properly signed and executed permit and are in full compliance with all terms and conditions.

\_\_\_\_\_  
Contractor's name or name of firm

\_\_\_\_\_  
\_\_\_\_\_  
Contractor's or firms address

\_\_\_\_\_  
Contractor's signature and title

\_\_\_\_\_  
Contractor's License Number

\_\_\_\_\_  
Applicant's signature

\_\_\_\_\_  
(use if more than one applicant)

\_\_\_\_\_  
Date

**Part 2 – Signatures (continued)**

**ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM**

I (we), \_\_\_\_\_, own land next to (across  
(Print adjacent/nearby property owner's name)

the water from/on the same cove as) the land of \_\_\_\_\_  
(Print applicant's name(s))

I have reviewed the applicant's project drawings dated \_\_\_\_\_  
(Date)

to be submitted for all necessary Federal, state and local permits.

I HAVE NO COMMENT \_\_\_\_\_ ABOUT THE PROJECT.

I DO NOT OBJECT \_\_\_\_\_ TO THE PROJECT.

I OBJECT \_\_\_\_\_ TO THE PROJECT.

**The applicant has agreed to contact me for additional comments if the proposal changes prior to construction of the project.**

(Before signing this form be sure you have checked the appropriate option above).

\_\_\_\_\_  
Adjacent/nearby property owner's signature(s)

\_\_\_\_\_  
Date

**Note: If you object to the proposal, the reason(s) you oppose the project must be submitted in writing to VMRC. An objection will not necessarily result in denial of the project; however, valid complaints will be given full consideration during the permit review process.**

**Part 2 – Signatures (continued)**

**ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM**

I (we), \_\_\_\_\_, own land next to (across  
(Print adjacent/nearby property owner's name)

the water from/on the same cove as) the land of \_\_\_\_\_  
(Print applicant's name(s))

I have reviewed the applicant's project drawings dated \_\_\_\_\_  
(Date)

to be submitted for all necessary Federal, State and Local permits.

I HAVE NO COMMENT \_\_\_\_\_ ABOUT THE PROJECT.

I DO NOT OBJECT \_\_\_\_\_ TO THE PROJECT.

I OBJECT \_\_\_\_\_ TO THE PROJECT.

**The applicant has agreed to contact me for additional comments if the proposal changes prior to construction of the project.**

(Before signing this form, be sure you have checked the appropriate option above).

\_\_\_\_\_  
Adjacent/nearby property owner's signature(s)

\_\_\_\_\_  
Date

**Note: If you object to the proposal, the reason(s) you oppose the project must be submitted in writing to VMRC. An objection will not necessarily result in denial of the project; however, valid complaints will be given full consideration during the permit review process.**



**U.S. Army Corps  
Of Engineers**  
Norfolk District

## Regional Permit 17 Certificate of Compliance Form

Please obtain and read a copy of the 08-RP-17 prior to completion of this form. Copies can be obtained by contacting the Corps at (757) 201-7652 or on our website at:  
<http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/RBregional.asp>.

- YES\_\_ NO\_\_      Is the proposed pier for private use ONLY?
- YES\_\_ NO\_\_      Does the proposed pier extend LESS than ¼ the width of the waterway as measured from MHW to MHW or OHW to OHW (including channelward wetlands) based on the narrowest distance across the waterway regardless of the orientation of the proposed pier (MHW = mean high water line; OHW = ordinary high water line)?
- YES\_\_ NO\_\_      Does the proposed pier and/or mooring structure(s) extend LESS than 300 feet from the mean high water line or ordinary high water line?
- YES\_\_ NO\_\_ N/A\_\_      If the proposed structure crosses wetland vegetation, is it of an open-pile design that has a maximum width of five (5) feet and a minimum height of four (4) feet between the decking and the wetland substrate?
- YES\_\_ NO\_\_ N/A\_\_      If the proposed pier is to include an attached open-sided roof designed to shelter boat slips or boatlifts, is the roof less than 700 square feet?
- YES\_\_ NO\_\_      Have you confirmed that the proposed construction will not take place in one of the reaches which serve as habitat for federally threatened and endangered species, Federal Project Channels, and/or other areas as listed in the "NOTIFICATION REQUIREMENTS" section of this permit?
- YES\_\_ NO\_\_ N/A\_\_      If the proposed work is in portions of any waterways listed in Special Condition 4, have you obtained an easement to cross government property from the Army Corps of Engineers Real Estate Office?

IF YOU HAVE ANSWERED "NO" TO ANY OF THE QUESTIONS ABOVE, THE REGIONAL PERMIT 17 WILL NOT APPLY AND YOU WILL NEED TO SUBMIT A JOINT PERMIT APPLICATION AND OBTAIN A SEPARATE PERMIT FROM THE CORPS BEFORE COMMENCING CONSTRUCTION.

IF YOU HAVE ANSWERED "YES" TO ALL OF THE QUESTIONS ABOVE, YOU ARE IN COMPLIANCE WITH THE REGIONAL PERMIT 17. PLEASE SIGN BELOW, ATTACH, AND SUBMIT WITH YOUR COMPLETED JOINT PERMIT APPLICATION. THIS SIGNED CERTIFICATE SERVES AS YOUR LETTER OF AUTHORIZATION FROM THE CORPS. YOU WILL NOT RECEIVE ANY OTHER WRITTEN AUTHORIZATION FROM THE CORPS. HOWEVER, YOU MAY NOT PROCEED WITH CONSTRUCTION UNTIL YOU HAVE OBTAINED ALL OTHER NECESSARY STATE AND LOCAL PERMITS.

I CERTIFY THAT I HAVE READ AND UNDERSTAND ALL CONDITIONS OF THE REGIONAL PERMIT 17 (08-RP-17), DATED AUGUST 14 2008, ISSUED BY THE US ARMY CORPS OF ENGINEERS, NORFOLK DISTRICT REGULATORY OFFICE, NORFOLK, VIRGINIA.

\_\_\_\_\_  
Signature of Property Owner(s) or Agent

Proposed work to be located at:

\_\_\_\_\_  
Date

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Revised: 18 NOV 2008

## Part 3 – Appendices

Please complete and submit the appendix questions applicable to your project, and attach the required vicinity map(s) and drawings to your application. If an item does not apply to your project, please write "N/A" in the space provided.

---

**Appendix A: Projects for Access** to the water (private and community piers, boathouses, marinas, moorings, boat ramps, aquaculture facilities, etc). Answer all questions that apply.

1. Briefly describe your proposed project.

2. For private, noncommercial piers:

What is the overall length of the structure? \_\_\_\_\_ feet.

channelward of Mean High Water? \_\_\_\_\_ feet.

channelward of Mean Low Water? \_\_\_\_\_ feet

What is the total size of any and all L- or T-head platforms? \_\_\_\_\_ sq. ft.

For boathouses, what is the overall size of the roof structure? \_\_\_\_\_ sq. ft.

Will your boathouse have sides? \_\_\_\_\_ Yes \_\_\_\_\_ No.

NOTE: All proposals for piers, boathouses and shelter roofs must be reviewed by VMRC, however, pursuant to § 28.2-1203(5) of the Code of Virginia a VMRC permit may not be required for such structures (except as required by subsection D of § 28.2-1205 for piers greater than 100 feet in length involving commercially productive leased oyster or clam grounds), provided that (i) the piers do not extend beyond the navigation line or private pier lines established by the Commission or the United States Army Corps of Engineers, (ii) the piers do not exceed six feet in width and finger piers do not exceed five feet in width, (iii) any L or T head platforms and appurtenant floating docking platforms do not exceed, in the aggregate, 400 square feet, (iv) if prohibited by local ordinance open-sided shelter roofs or gazebo-type structures shall not be placed on platforms as described in clause (iii), but may be placed on such platforms if not prohibited by local ordinance, and (v) the piers are determined not to be a navigational hazard by the Commission. Subject to any applicable local ordinances, such piers may include an attached boat lift and an open-sided roof designed to shelter a single boat slip or boat lift. In cases in which open-sided roofs designed to shelter a single boat, boat slip or boat lift will exceed 700 square feet in coverage or the open-sided shelter roofs or gazebo structures exceed 400 square feet, and in cases in which an adjoining property owner objects to a proposed roof structure, permits shall be required as provided in § 28.2-1204.

3. For Corps permits, in cases where the proposed pier will encroach beyond one fourth the waterway width (as determined by measuring mean high water to mean high water or ordinary high water mark to ordinary high water mark), the following information should be included:

- a. Written justification as to purpose if the proposed work would extend a pier greater than one-fourth of the distance across the open water measured from mean high water or the channelward edge of the wetlands
- b. Written justification if the proposed work would involve the construction of a pier greater than five feet wide or less than four feet above any wetland substrate.
- c. Depth soundings across the waterway at increments designated by the Corps project manager. Typically 10-foot increments for waterways less than 200 feet wide and 20-foot increments for waterways greater than 200 feet wide with the date and time the measurements were taken and how they were taken (e.g., tape, range finder, etc.). Inclusion of depth sounding data is recommended in order to expedite permit evaluation.



### Part 3 – Appendices (continued)

**Appendix B: Projects for Shoreline Stabilization** in tidal wetlands, tidal waters and dunes/beaches (including riprap revetments and associated backfill, marsh toe stabilization, bulkheads and associated backfill, breakwaters, beach nourishment, groins, jetties, etc). Answer all questions that apply. Please provide any reports provided from the Shoreline Erosion Advisory Service.

**NOTE: Information on non-structural, vegetative alternatives (i.e. Living Shoreline) for shoreline stabilization is available at [http://ccrm.vims.edu/coastal\\_zone/living\\_shorelines/index.html](http://ccrm.vims.edu/coastal_zone/living_shorelines/index.html).**

1. For riprap, bulkheads, marsh toe, breakwaters, groins, jetties: What is the overall length of the structure(s)? \_\_\_\_\_ linear feet. If applicable, what is the volume of the associated backfill? \_\_\_\_\_ cubic yards.
2. What is the maximum encroachment channelward of mean high water? \_\_\_\_\_ feet.  
channelward of mean low water? \_\_\_\_\_ feet.  
channelward of the back edge of the dune or beach? \_\_\_\_\_ feet.
3. Please calculate the square footage of encroachment over:
  - Vegetated wetlands \_\_\_\_\_ square feet
  - Nonvegetated wetlands \_\_\_\_\_ square feet
  - Subaqueous bottom \_\_\_\_\_ square feet
  - Dune and/or beach \_\_\_\_\_ square feet

4. For bulkheads, is any part of the project maintenance or replacement of a previously authorized, currently serviceable, existing structure? \_\_\_\_ Yes \_\_\_\_ No.

If yes, will the construction of the new bulkhead be no further than two (2) feet channelward of the existing bulkhead? \_\_\_\_ Yes \_\_\_\_ No.

If no, please provide an explanation for the purpose and need for the additional encroachment.

5. Describe the type of construction and **all** materials to be used, including source of backfill material, if applicable (e.g. vinyl sheet-pile bulkhead, timber stringers and butt piles, 100% sand backfill from upland source; broken concrete core material with Class II quarry stone armor over filter cloth).

**NOTE: Drawings must include construction details, including dimensions, design and all materials, including fittings if used.**

6. If using stone, broken concrete, etc., for your structure(s), what is the average weight of the:  
Core (inner layer) material \_\_\_\_\_ pounds per stone    Class size \_\_\_\_\_  
Armor (outer layer) material \_\_\_\_\_ pounds per stone    Class size \_\_\_\_\_

### Part 3 – Appendices (continued)

7. For **beach nourishment**, including that associated with breakwaters, groins or other structures, provide the following:

- Volume of material \_\_\_\_\_ cubic yards channelward of mean low water  
\_\_\_\_\_ cubic yards landward of mean low water
- Area to be covered \_\_\_\_\_ square feet channelward of mean low water  
\_\_\_\_\_ square feet landward of mean low water
- Source of material, composition (e.g. 90% sand, 10% clay): \_\_\_\_\_
- Method of transportation and placement: \_\_\_\_\_
  
- Describe any proposed vegetative stabilization measures to be used, including planting schedule, spacing, monitoring, etc.:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Part 3 – Appendices (continued)

#### Appendix C: Crossings in, on, over, or under, waters, submerged lands, tidal wetlands and/or dunes and beaches (including but not limited to bridges, walkways, pipelines and utility lines).

1. What is the purpose and method of installation of the crossing?
  
2. What is the width of the waterway and/or wetlands to be crossed?  
from mean high water to mean high water? \_\_\_\_\_ feet.  
from mean low water to mean low water? \_\_\_\_\_ feet.
  
3. For bridges (footbridges, golf cart bridges, roadway bridges, etc.), what is the width of the structure over the tidal wetlands, dunes/beaches and/or submerged lands? \_\_\_\_\_ square feet.
  
4. For overhead crossings:
  - a. What will be the height above mean high water? \_\_\_\_\_ feet.
  - b. If there are other overhead crossings in the area, what is the minimum height? \_\_\_\_\_ feet.
  
5. For buried crossings, what will be the depth below the substrate? \_\_\_\_\_ feet.
  
6. Will there be any excavation or fill required for placement of abutments, piers, towers, or other permanent structures on State-owned submerged lands, tidal wetlands, and dunes/beaches?  
\_\_\_\_ Yes \_\_\_\_ No.

If yes, please provide the following:

- a. Amount of excavation in wetlands \_\_\_\_\_ cubic yards  
\_\_\_\_\_ square feet
  
- b. Amount of excavation in submerged land \_\_\_\_\_ cubic yards  
\_\_\_\_\_ square feet
  
- c. Amount of excavation in dune/beach \_\_\_\_\_ cubic yards  
\_\_\_\_\_ square feet
  
- d. Amount of fill in wetlands \_\_\_\_\_ cubic yards  
\_\_\_\_\_ square feet
  
- e. Amount of fill in submerged lands \_\_\_\_\_ cubic yards  
\_\_\_\_\_ square feet
  
- f. Amount of fill in dune/beach \_\_\_\_\_ cubic yards  
\_\_\_\_\_ square feet

## **Part 4- Project Drawings**

**Plan view and section view drawings are required for all projects.** Application drawings do not need to be prepared by a professional draftsman, but they must be clear, accurate, and should be to an appropriate scale. If a scale is not used, all dimensions must be clearly depicted in the drawings. If available, a plat of the property should be included, with the existing and proposed structures clearly indicated. Distances from the proposed structure(s) to fixed points of reference (benchmarks) and to the adjacent property lines must be shown. A vicinity map (County road map, USGS Topographic map, etc.) must also be provided to show the location of the property.

**The following items must be included on ALL project drawings: (plan and section, as appropriate)**

- north arrow
- waterway name
- existing and proposed structures, labeled as such
- dimensions of proposed structures
- mean high water and mean low water lines
- limits of vegetated wetlands (if applicable)
- ebb/flood direction
- adjacent property lines and owner's name
- distances from proposed structures to fixed points of reference (benchmarks) and adjacent property lines

**NOTE: The sample drawings have been included at the end of this section to provide guidance on the information required for different types of projects. Clear and accurate drawings are essential for project review and compliance determination. Incomplete or unclear drawings may cause delays in the processing of your application.**

## Part 5 - Chesapeake Bay Preservation Act Information

All proposed land disturbance, clearing or grading related to this JPA must comply with the Chesapeake Bay Preservation Area Designation and Management Regulations, which are enforced through locally adopted Chesapeake Bay Preservation Area (CBPA) ordinances. Compliance with state and local CBPA requirements mandates the submission of a *Water Quality Impact Assessment (WQIA)* for the review and approval of the local government.

Because the 84 local governments within Tidewater Virginia are responsible for enforcing the CBPA Regulations the completion of the JPA process does not constitute compliance with the Bay Act Regulations nor does it guarantee that the local government will issue land-disturbing permits for this project. Applicants should contact their local government as early in the design process as possible to ensure that the final design and construction of the proposed project meets all applicable CBPA requirements. Early cooperation with local government staff can help applicants avoid unnecessary and costly delays to construction. Applicants should provide local government staff with information regarding existing vegetation within the Resource Protection Area (RPA) as well as a description and site drawings of any proposed land disturbance, construction, or vegetation clearing. Local government staff will evaluate project the proposed project and advise the Local Wetlands Boards and other appropriate parties of applicable CBPA concerns or issues.

Resource Protection Areas (RPAs) are composed of the following features:

- Tidal Wetlands
- Nontidal wetlands connected and contiguous to tidal wetlands or water bodies with perennial flow
- Tidal shorelines
- Water bodies with perennial flow (stream, river, creek, etc)
- 100-foot buffer area landward of any of the above features
- "other lands" as designated by the locality (contact the local government for specific information).

### Notes for all projects in RPAs

1. Development, construction, land disturbance, or placement of fill within the RPA features listed above requires a review from the locality and may require an exception or variance from the local Bay Act program or zoning ordinance. Please contact the appropriate local government to determine the types of development or land uses that are permitted within RPAs.
2. Pursuant to § 9VAC 10-20-105, on-site delineation of the RPA is required for all projects in CBPAs. Because USGS maps are not always indicative of actual "in-field" conditions, they may not be used to determine the site-specific boundaries of the RPA.

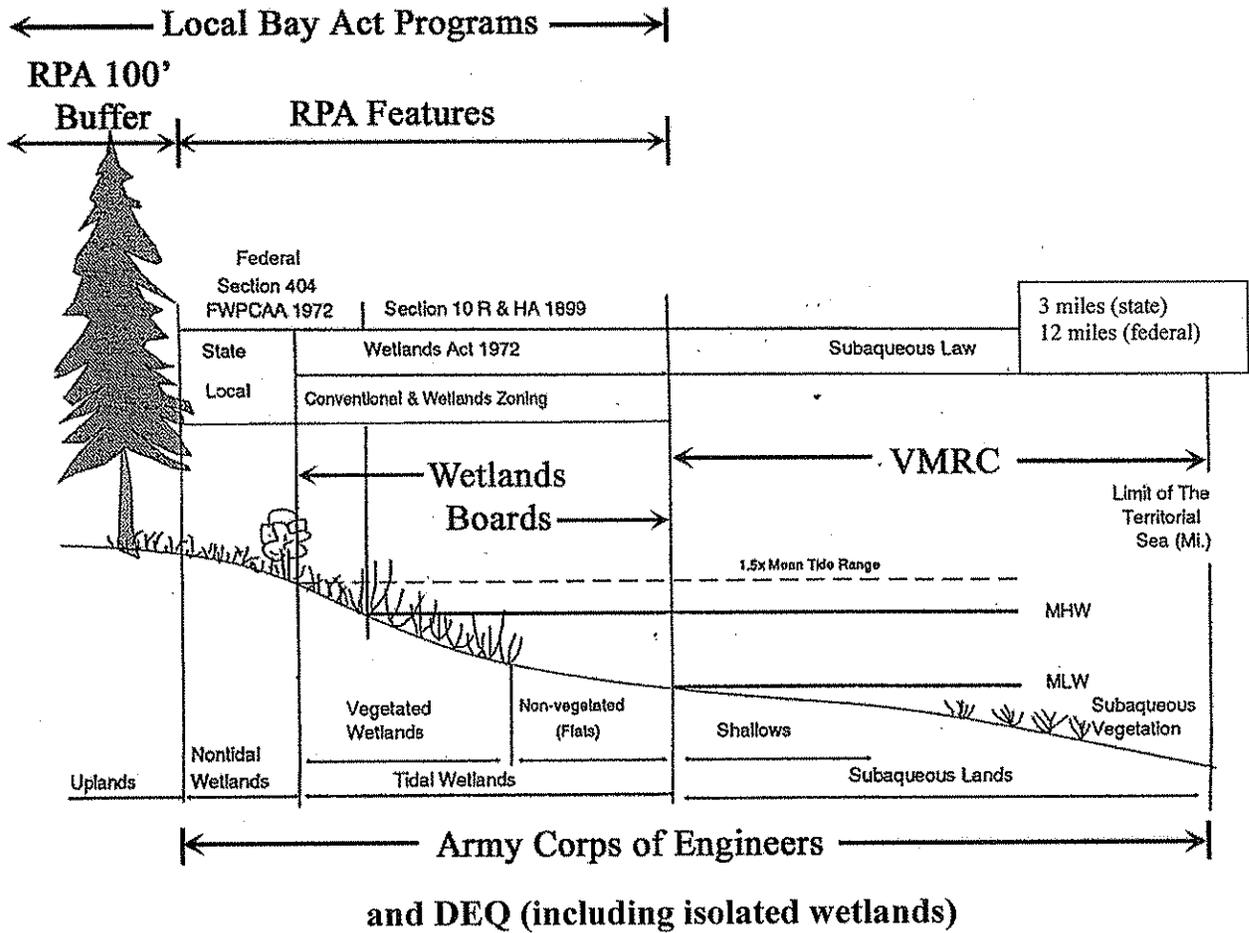
### Notes for shoreline erosion control projects in RPAs

Re-establishment of woody vegetation in the buffer may be required to mitigate for the removal or disturbance of buffer vegetation associated with your proposed project. Please contact the local government to determine the mitigation requirements for impacts to the 100-foot RPA buffer.

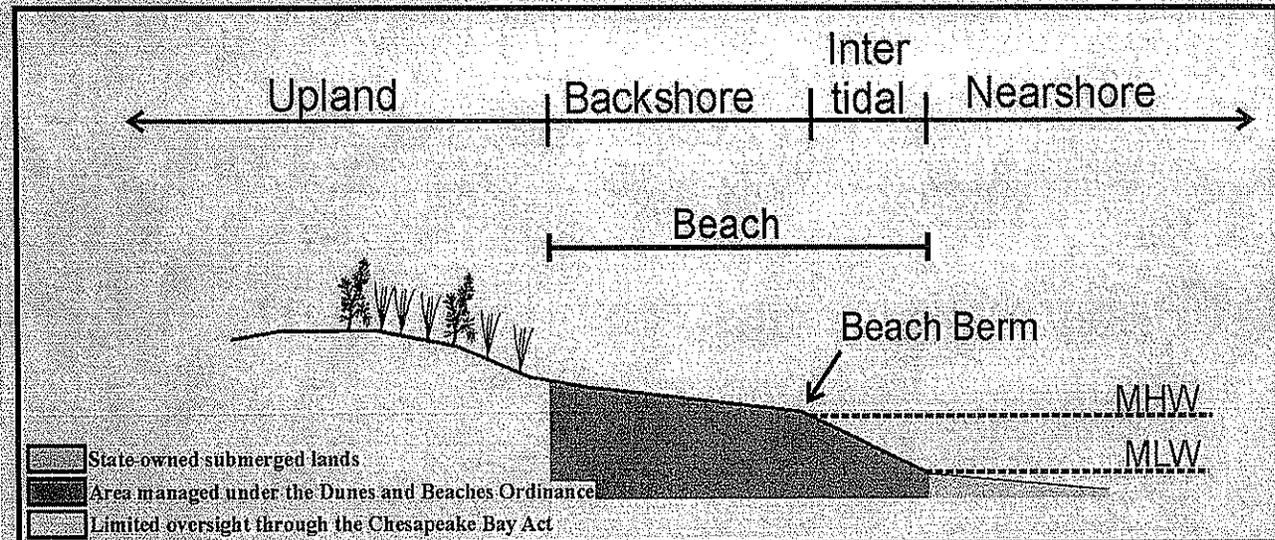
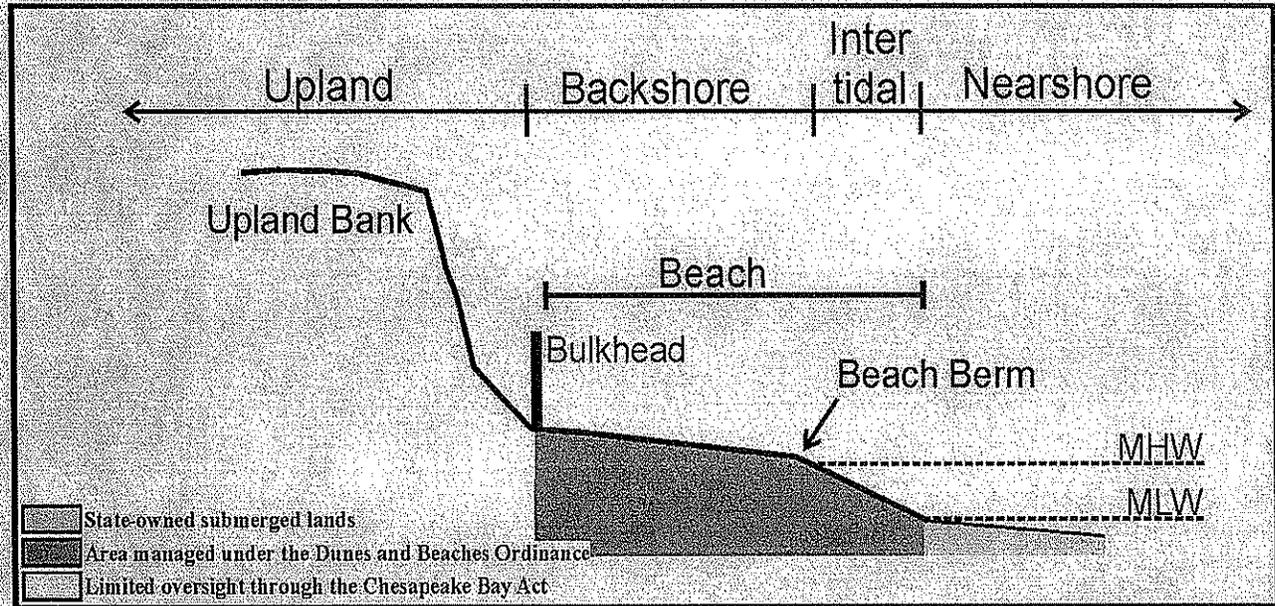
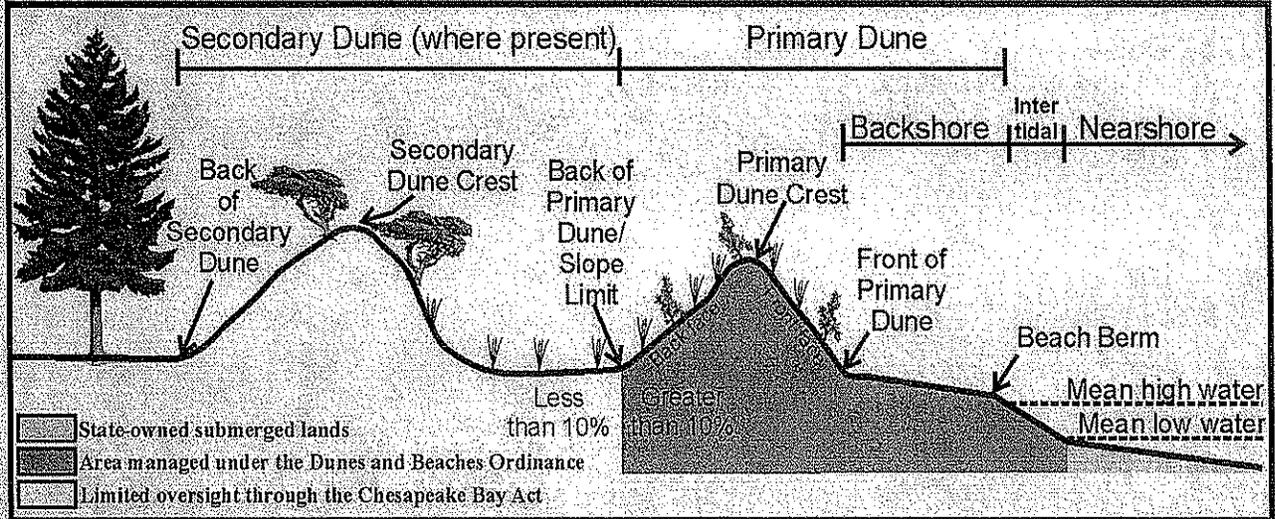
Pursuant to § 9VAC 10-20-130.5.a(4), § 9VAC 10-20-130.1, and § 9VAC 10-20-120 of the Virginia Administrative Code, the locality will use the information provided in this Part V and in the project drawings, along with other information in this permit application and a WQIA, to make a determination that:

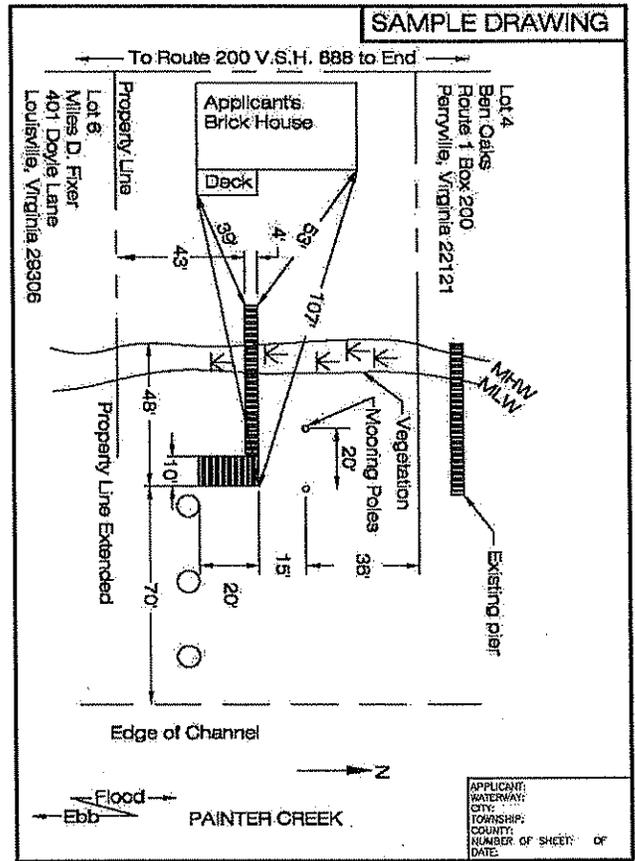
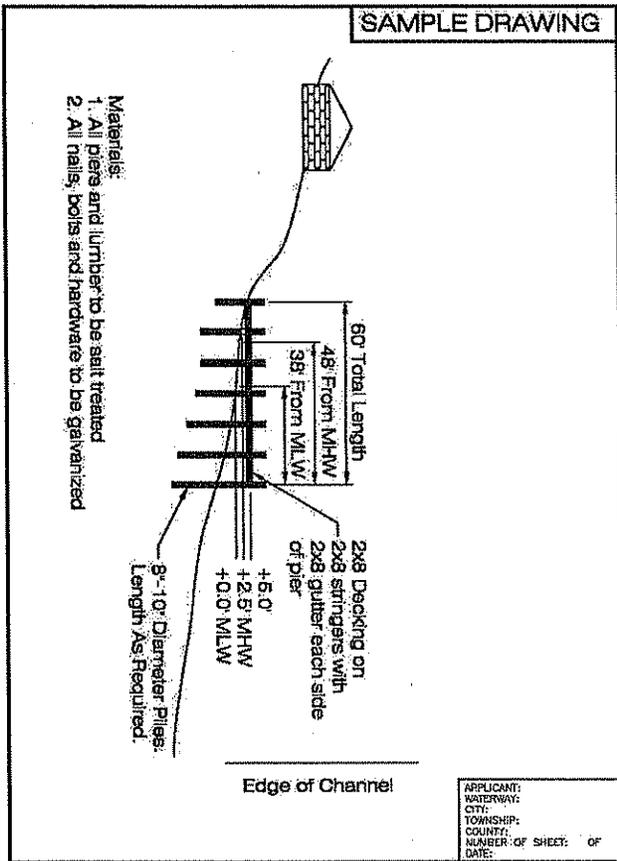
1. Any proposed shoreline erosion control measure is necessary and consistent with the nature of the erosion occurring on the site, and the measures have employed the "best available technical advice"
2. Indigenous vegetation will be preserved to the maximum extent practicable
3. Proposed land disturbance has been minimized
4. Appropriate mitigation plantings will provide the required water quality functions of the buffer (§ 9VAC 10-20-130.3)
5. The project is consistent with the locality's comprehensive plan
6. Access to the project will be provided with the minimum disturbance necessary.

# JURISDICTIONAL BOUNDARIES

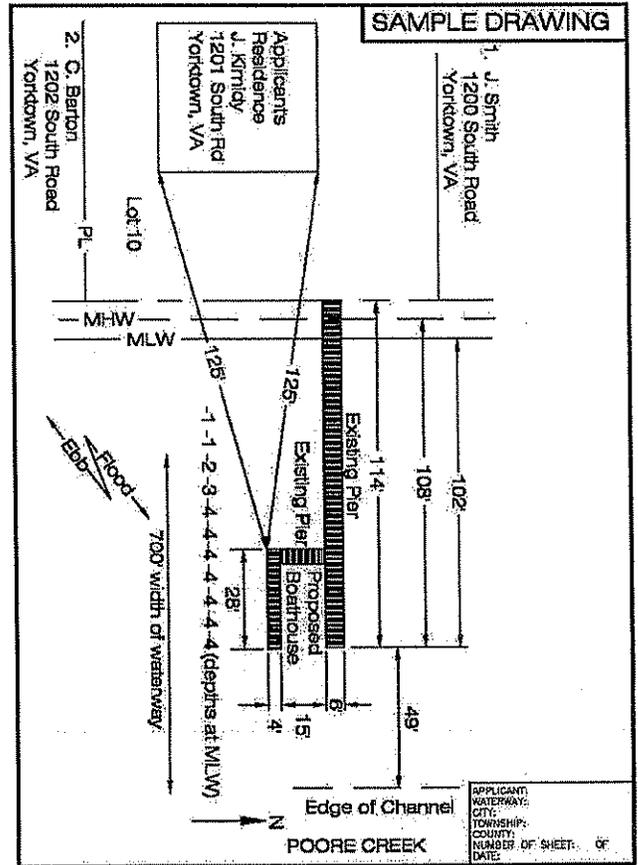
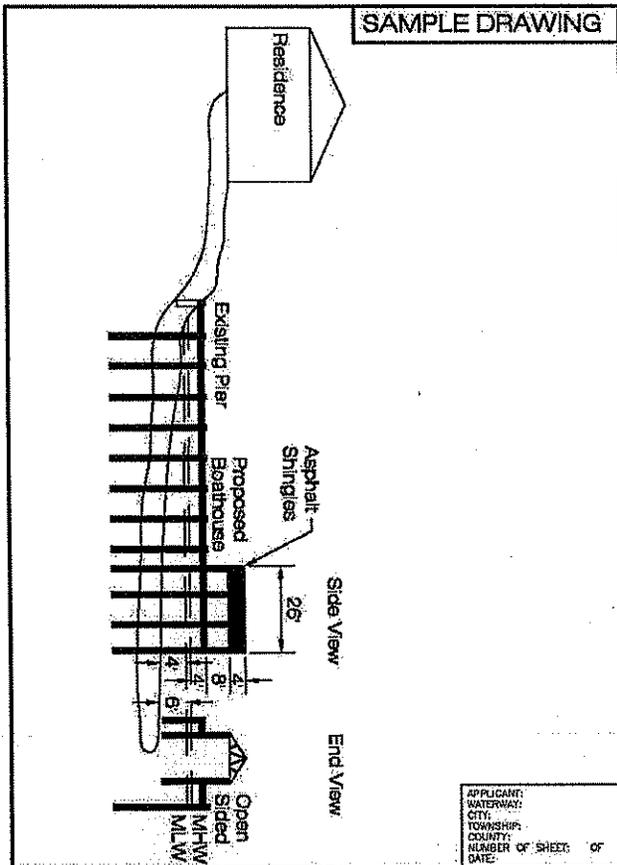


# Dune and Beach Boundaries

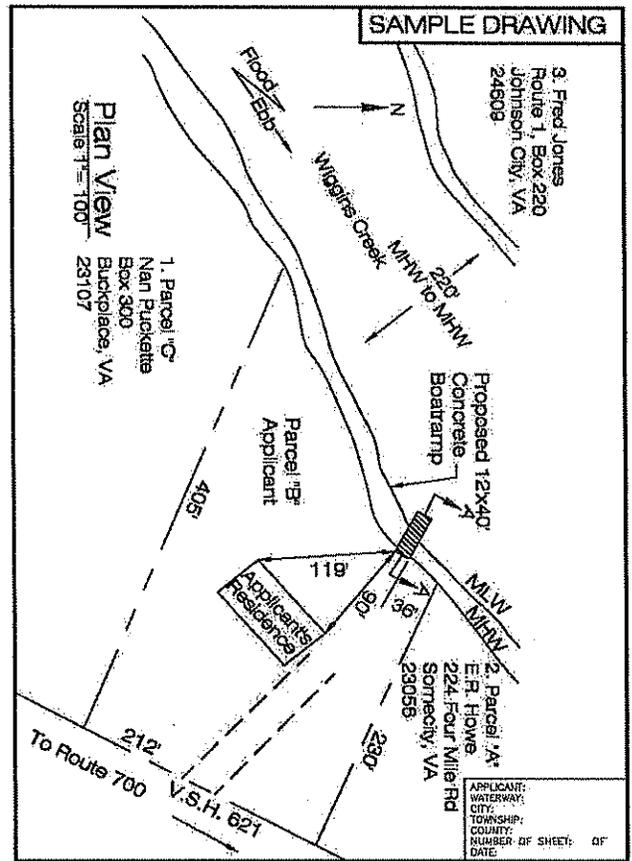
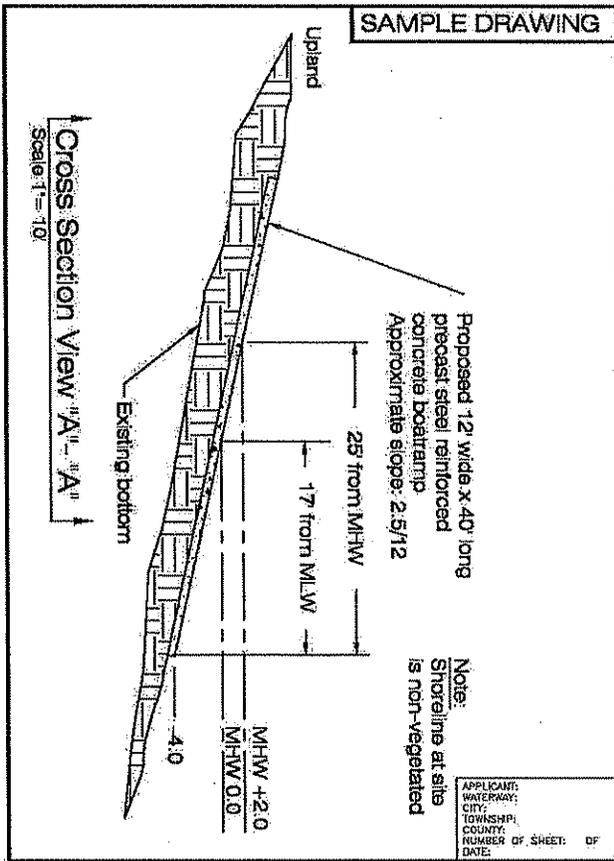




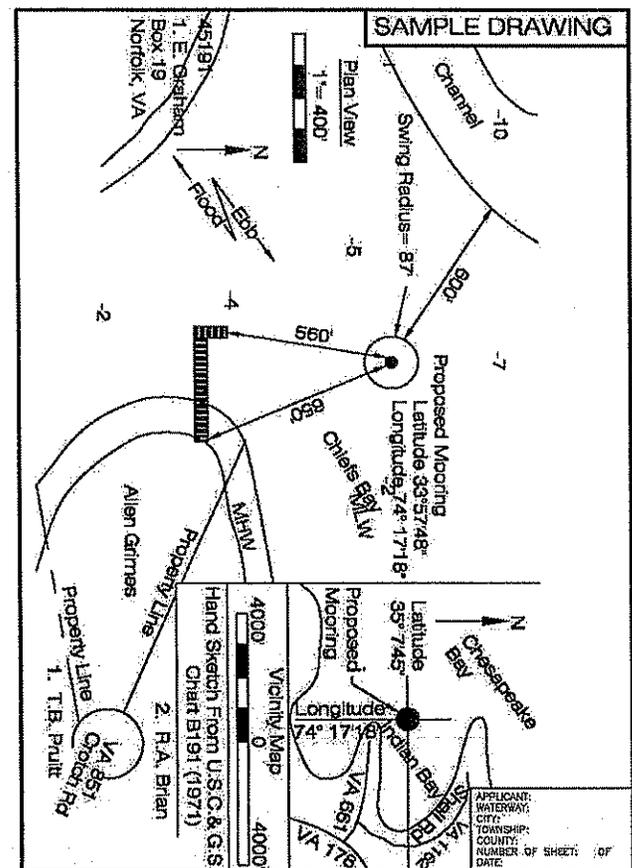
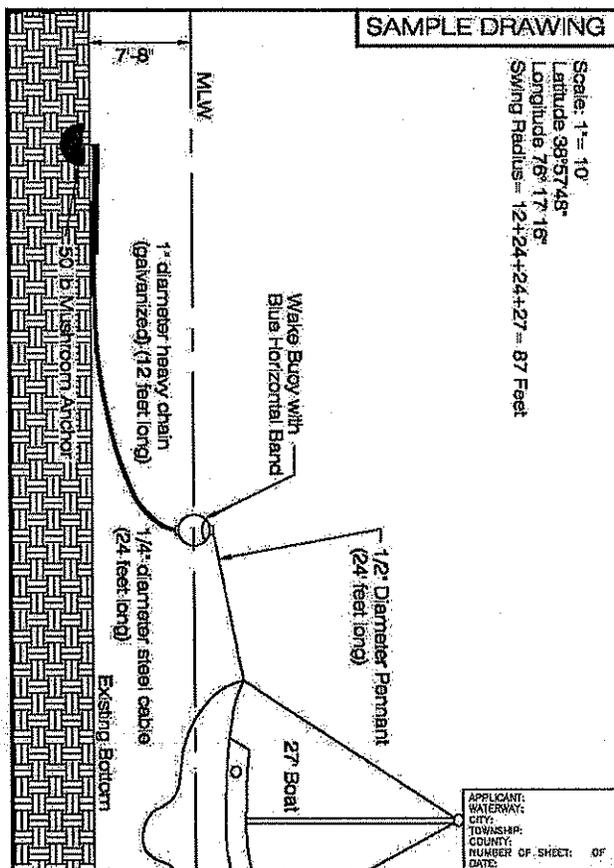
Private Piers & Marginal Wharves



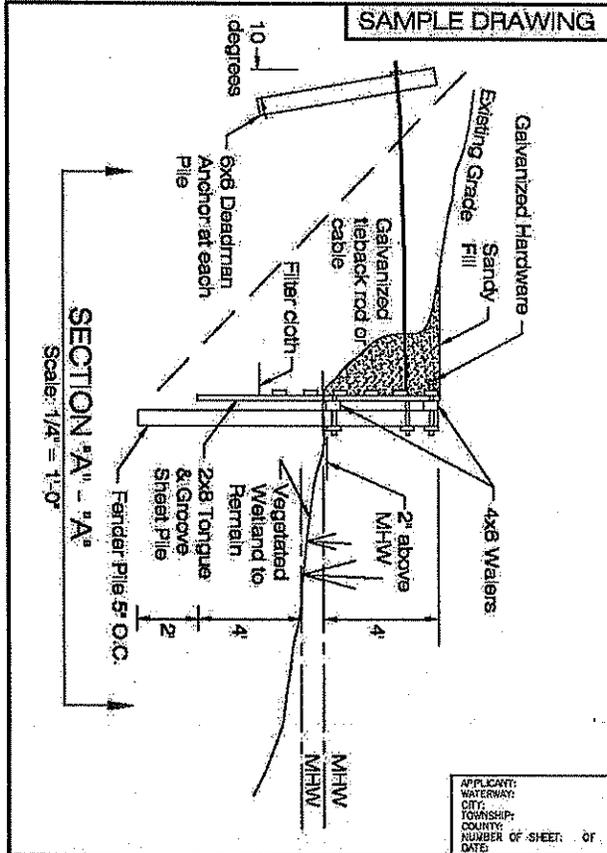
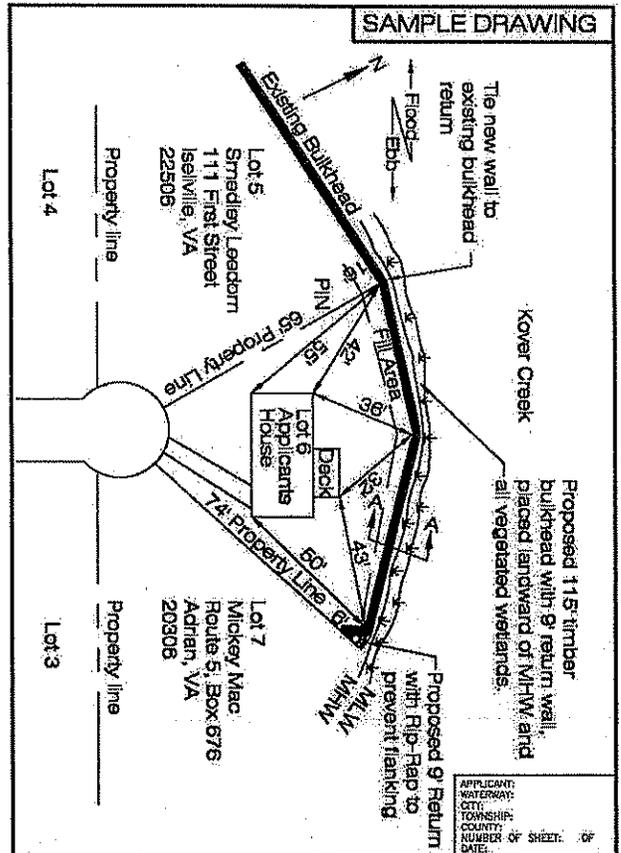
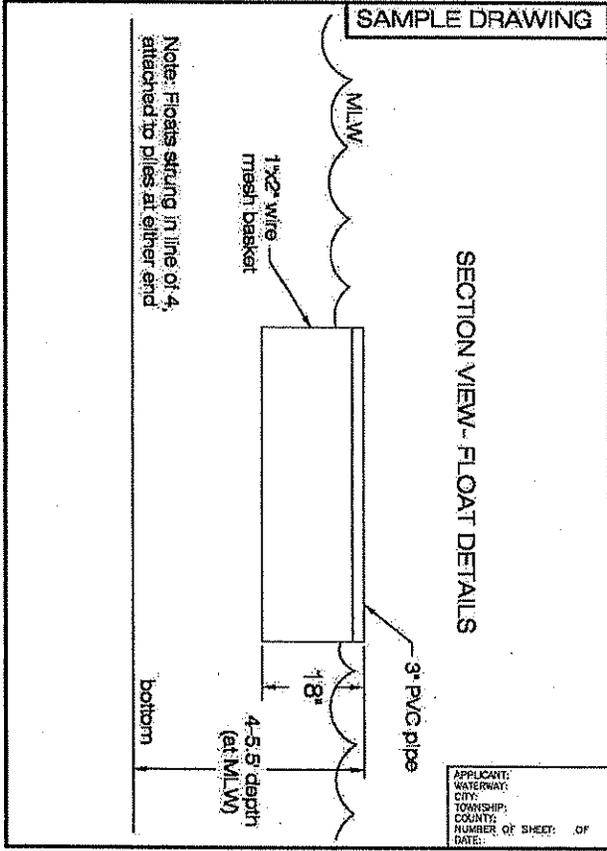
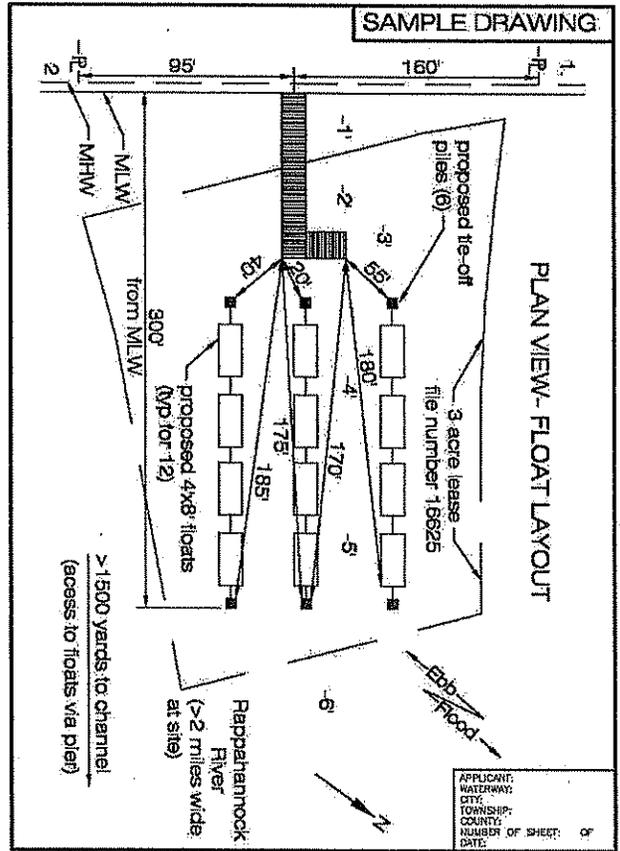
Boathouses



Boat Ramps

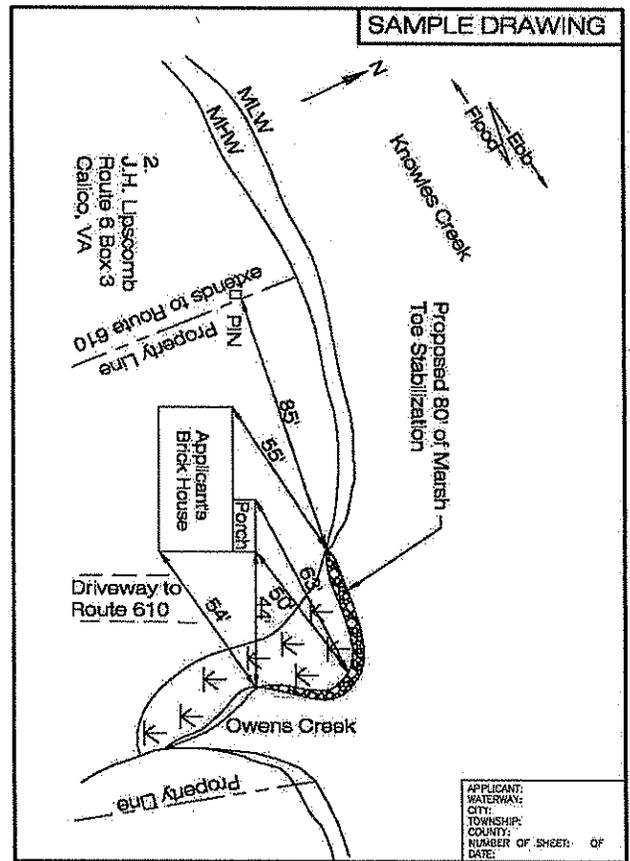
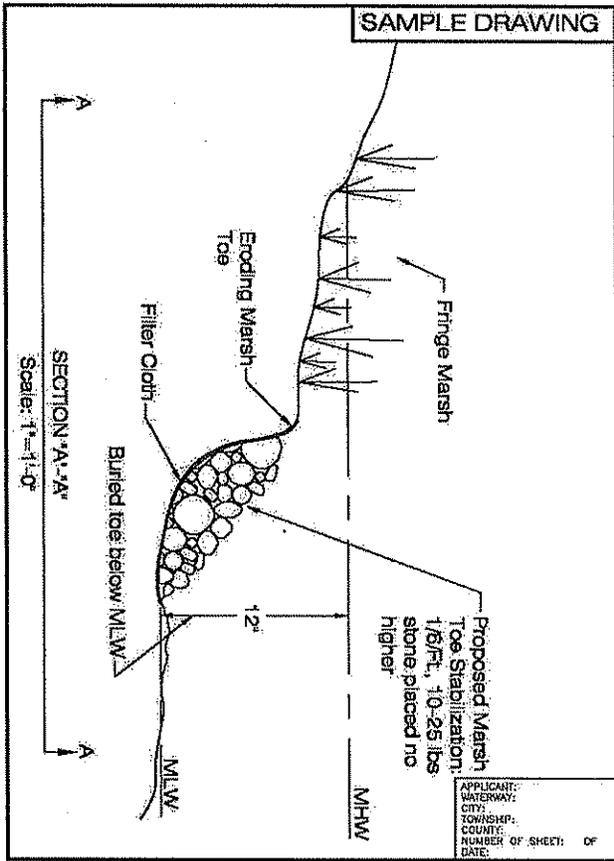


Dolphins or Moorings

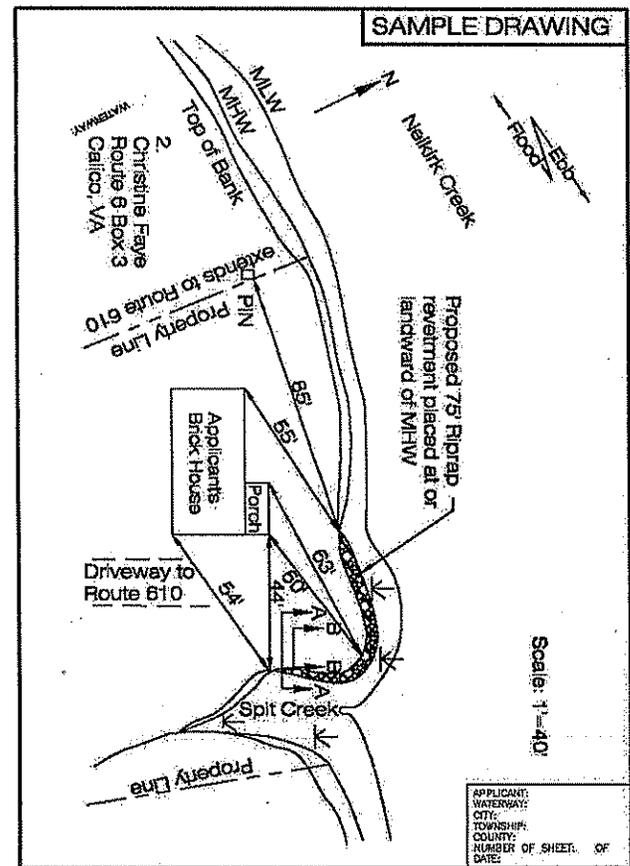
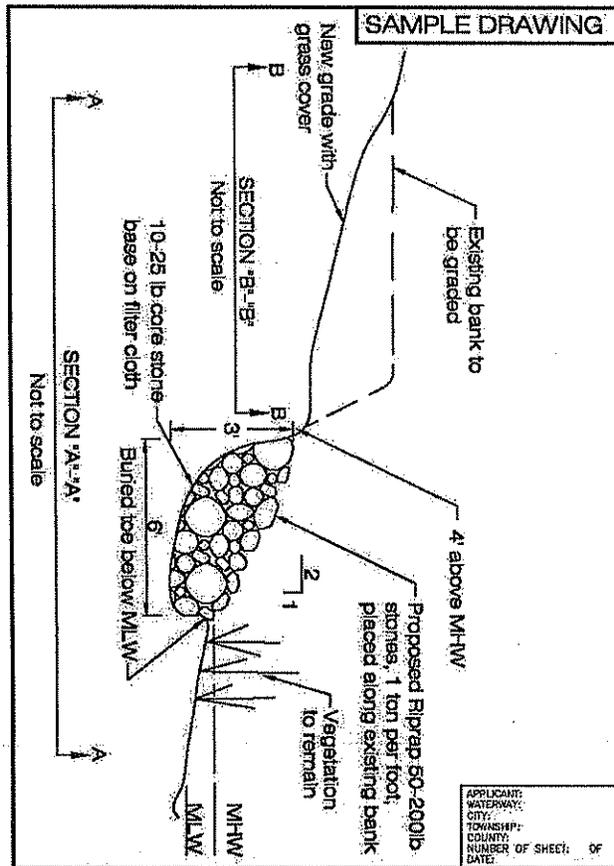


Private & Commercial Aquaculture Activities

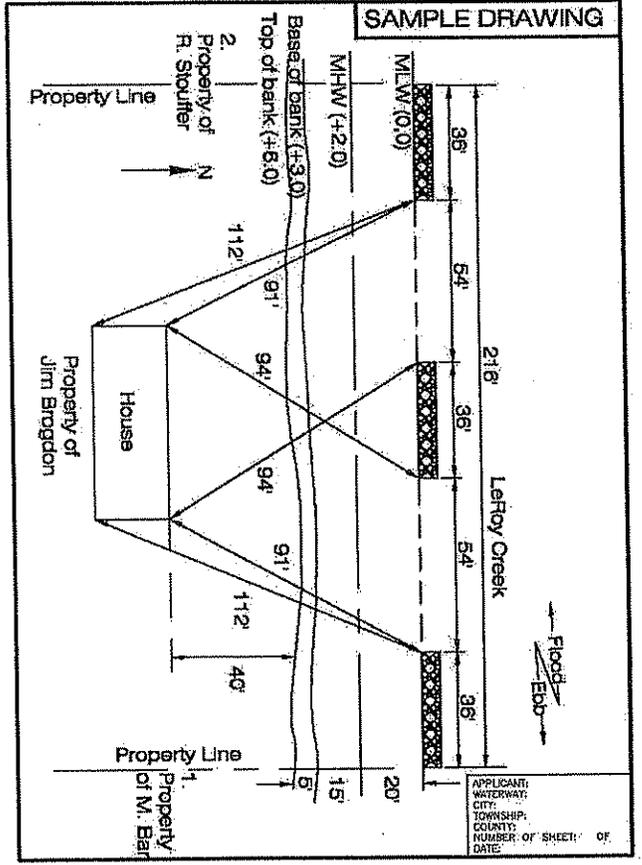
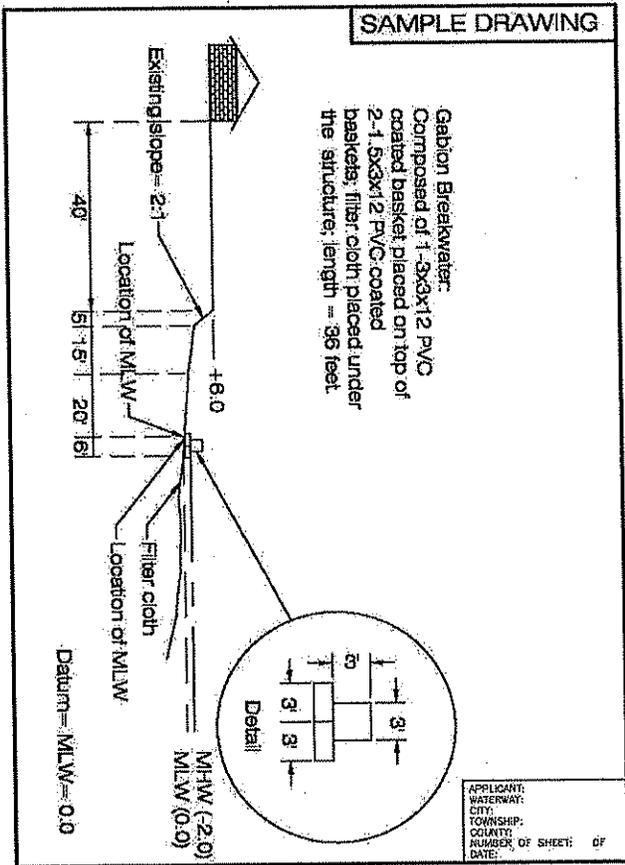
Bulkheads and Associated Backfill



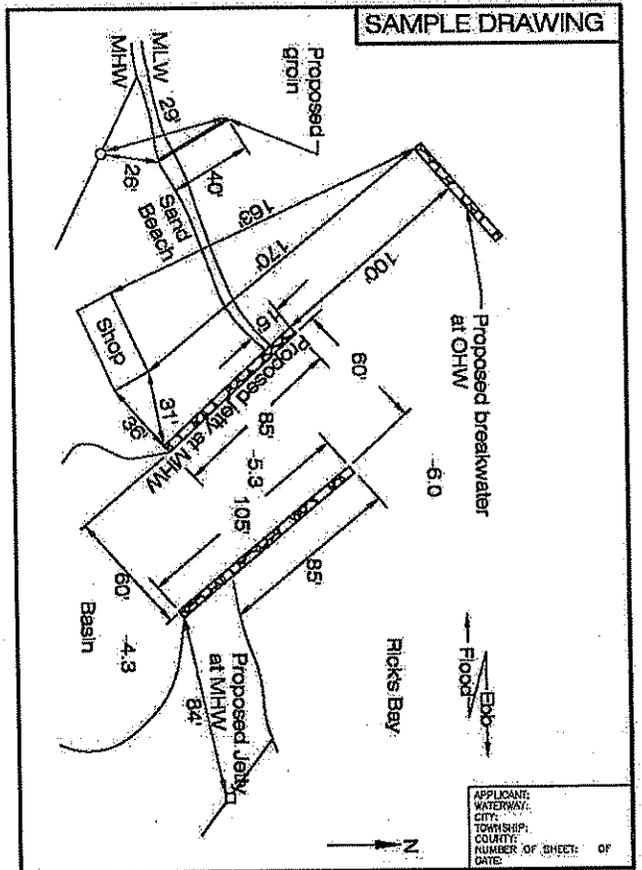
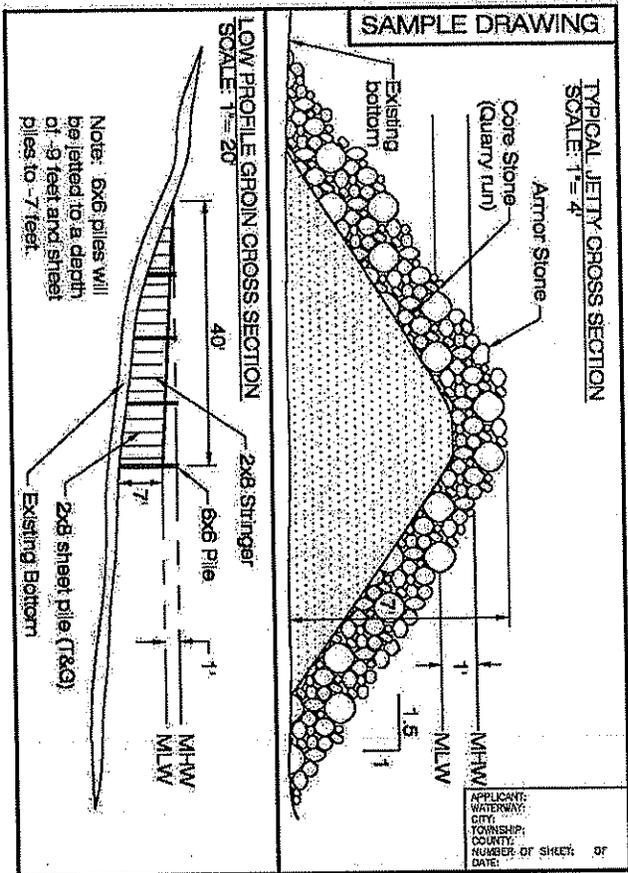
Marsh Toe Stabilization



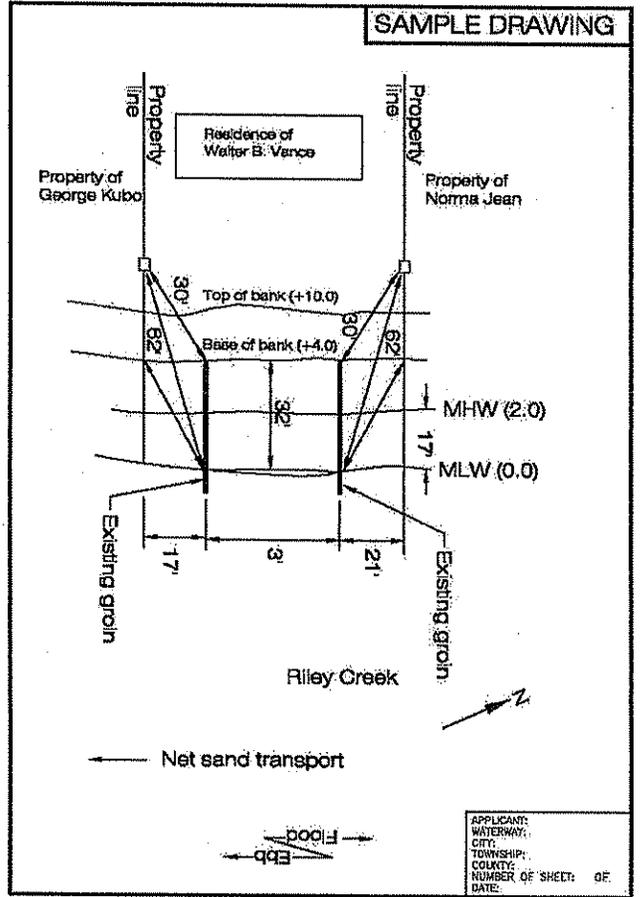
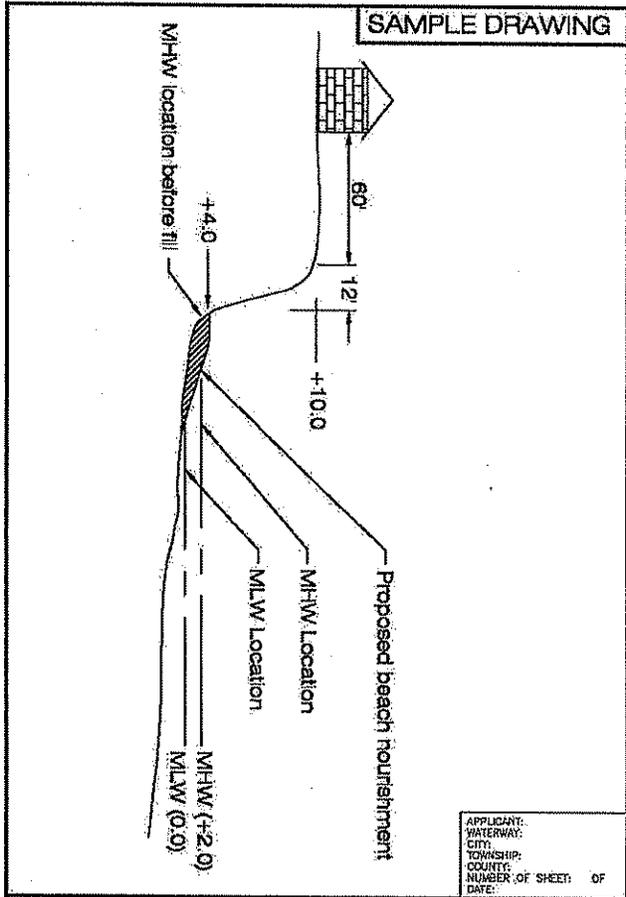
Riprap Revetment & Associated Backfill



Breakwaters



Groins & Jetties



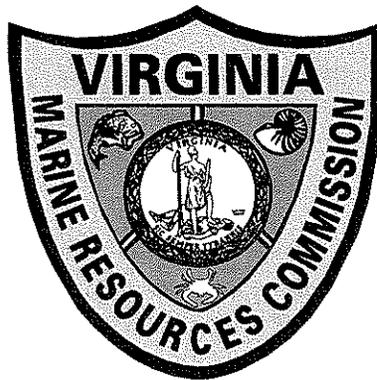
Beach Nourishment



# **ATTACHMENT C**

## **Permit Placard**

**VIRGINIA MARINE RESOURCES  
COMMISSION  
Permit Compliance  
And  
Inspection Program**



**November 2012**

Permit # \_\_\_\_\_



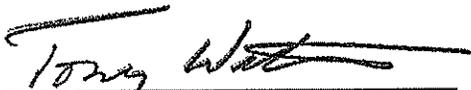
Commonwealth of Virginia  
Marine Resources Commission  
Authorization

A Permit has been issued to:

The Permittee is hereby authorized to:

Issuance Date: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

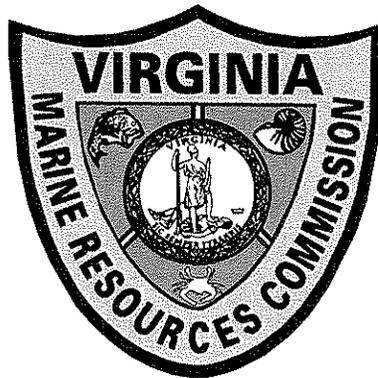
  
\_\_\_\_\_  
Commissioner or Designee

*This Notice Must Be Conspicuously Displayed At Site Of Work*

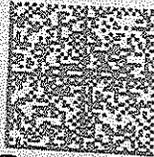
# **ATTACHMENT D**

## **Notice of intent to commence work post card**

**VIRGINIA MARINE RESOURCES  
COMMISSION  
Permit Compliance  
And  
Inspection Program**



**November 2012**



02 1A  
 0004343259  
 MAILED FROM ZIP CODE 23607

\$ 00.24<sup>0</sup>

SEP 13 2008

Virginia Marine Resources Commission  
 Habitat Management Division  
 2600 Washington Ave, 3rd Floor  
 Newport News VA 23607-0756

*Sir/Madam:*

*Please be advised that I will commence work on \_\_\_\_\_ on  
 (Permit Number)*

\_\_\_\_\_ in \_\_\_\_\_  
 (Date) (Waterway) (City/County)

*I expect the work to be completed no later than \_\_\_\_\_*

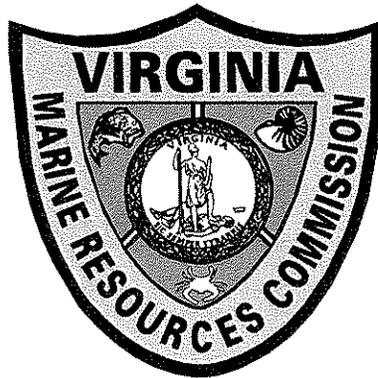
\_\_\_\_\_  
 (Name of Permittee)

*Attention:* \_\_\_\_\_  
 (Environmental Engineer)

# **ATTACHMENT E**

## **Sample Permit**

**VIRGINIA MARINE RESOURCES  
COMMISSION  
Permit Compliance  
And  
Inspection Program**



**November 2012**



# COMMONWEALTH of VIRGINIA

W. Tayloe Murphy, Jr.  
Secretary of Natural Resources

## **Marine Resources Commission**

2600 Washington Avenue  
Third Floor  
Newport News, Virginia 23607

William A. Pruitt  
Commissioner

April 14, 2005

Mr. Daniel Ludeman  
c/o Thé Salt and the Earth, Inc.  
P.O. Box 315  
Kilmarnock, VA 22482

RE: VMRC #05-0012

Dear Mr. Ludeman:

Enclosed is the Marine Resources Commission permit for your proposal to construct and backfill a total of 115 linear feet of vinyl, sheet-pile, replacement bulkhead aligned a maximum of 2 feet in front of an existing, deteriorated bulkhead, adjacent to your property situated along Carter Creek in Weems, Lancaster County.

A yellow placard is also enclosed. This placard reflects the authorized activities for inspection purposes and must be conspicuously displayed at the work site throughout the construction phase. Failure to properly post the placard in a prominent location will be considered a violation of your permit conditions.

**YOU ARE REMINDED THAT ANY DEVIATION FROM THE PERMIT OR ATTACHED DRAWINGS REQUIRES PRIOR AUTHORIZATION FROM THE MARINE RESOURCES COMMISSION. FAILURE TO OBTAIN THE NECESSARY MODIFICATION WILL BE CONSIDERED A VIOLATION AND COULD SUBJECT YOU TO CIVIL CHARGES IN AMOUNTS NOT TO EXCEED \$10,000 PER VIOLATION.**

*An Agency of the Natural Resources Secretariat*

Web Address: [www.mrc.virginia.gov](http://www.mrc.virginia.gov)

Telephone (757) 247-2200 (757) 247-2292 V/TDD Information and Emergency Hotline 1-800-541-4646 V/TDD

Mr. Daniel Ludeman  
VMRC #05-0012  
Page 2

April 14, 2005

The work authorized by this permit is to be completed by March 31, 2008. Please note that in conformance with Special Condition 17 of your permit you are to notify the Commission prior to commencement of your permitted project. The enclosed self-addressed, stamped post card is to be used for this purpose. All other conditions of the permit will remain in effect.

Please be advised that you may also require issuance of a U. S. Army Corps of Engineers permit before you begin work on this project. You may wish to contact them directly to verify any permitting requirements.

Sincerely,



Robert W. Grabb  
Chief, Habitat Management

RWG/bac

HM

Enclosure

cc: U. S. Army Corps of Engineers  
Lancaster County Wetlands Board  
Applicant

**COMMONWEALTH OF VIRGINIA  
MARINE RESOURCES COMMISSION  
PERMIT**

The Commonwealth of Virginia, Marine Resources Commission, hereinafter referred to as the Commission, on this 28th day of March 2005, hereby grants unto:

**Mr. Daniel Ludeman  
5105 Stratford Crescent  
Richmond, Virginia 23226**

hereinafter referred to as the Permittee, permission to:

- Encroach in, on, or over State-owned subaqueous bottoms pursuant to Chapter 12, Subtitle III, of Title 28.2 of the Code of Virginia.
- Use or develop tidal wetlands pursuant to Chapter 13, Subtitle III, of Title 28.2 of the Code of Virginia.

Permittee is hereby authorized to construct and backfill a total of 115 linear feet of vinyl sheet-pile, replacement bulkhead aligned a maximum of 2 feet in front of an existing deteriorated bulkhead, adjacent to the Permittee's property situated along Carter Creek in Weems, Lancaster County. All activities authorized herein shall be accomplished in conformance with plans and drawings dated received January 3, 2005, which are attached and made a part of this permit.

This permit is granted subject to the following conditions:

- (1) The work authorized by this permit shall be completed by March 31, 2005. The Permittee shall notify the Commission when the project is completed. The completion date may be extended by the Commission in its discretion. Any such application for extension of time shall be in writing prior to the above completion date and shall specify the reason for such extension and the expected date of completion of construction. All other conditions remain in effect until revoked by the Commission or the General Assembly.
- (2) This permit grants no authority to the Permittee to encroach upon the property rights, including riparian rights, of others.
- (3) The duly authorized agents of the Commission shall have the right to enter upon the premises at reasonable times, for the purpose of inspecting the work being done pursuant to this permit.
- (4) The Permittee shall comply with the water quality standards as established by the Department of Environmental Quality, Water Division, and all other applicable laws, ordinances, rules and regulations affecting the conduct of the project. The granting of this permit shall not relieve the Permittee of the responsibility of obtaining any and all other permits or authority for the projects.
- (5) This permit shall not be transferred without written consent of the Commissioner.
- (6) This permit shall not affect or interfere with the right vouchsafed to the people of Virginia concerning fishing, fowling and the catching of and taking of oysters and other shellfish in and from the bottom of acres and waters not included within the terms of this permit.
- (7) The Permittee shall, to the greatest extent practicable, minimize the adverse effects of the project upon adjacent properties and wetlands and upon the natural resources of the Commonwealth.
- (8) This permit may be revoked at any time by the Commission upon the failure of the Permittee to comply with any of the terms and conditions hereof or at the will of the General Assembly of Virginia.
- (9) There is expressly excluded from the permit any portion of the waters within the boundaries of the Baylor Survey.
- (10) This permit is subject to any lease of oyster planting ground in effect on the date of this permit. Nothing in this permit shall be construed as allowing the Permittee to encroach on any lease without the consent of the leaseholder. The Permittee shall be liable for any damages to such lease.
- (11) The issuance of this permit does not confer upon the Permittee any interest or title to the beds of the waters.
- (12) All structures authorized by this permit which are not maintained in good repair shall be completely removed from State-owned bottom within three (3) months after notification by the Commission.
- (13) The Permittee agrees to comply with all of the terms and conditions as set forth in this permit and that the project will be accomplished within the boundaries as outlined in the plans attached hereto. Any encroachment beyond the limits of this permit shall constitute a Class 1 misdemeanor.
- (14) This permit authorizes no claim to archaeological artifacts which may be encountered during the course of construction. If, however, archaeological remains are encountered, the Permittee agrees to notify the Commission, who will, in turn notify the Department of Historic Resources. The Permittee further agrees to cooperate with agencies of the Commonwealth in the recovery of archaeological remains if deemed necessary.
- (15) The Permittee agrees to indemnify and save harmless the Commonwealth of Virginia from any liability arising from the establishment, operation or maintenance of said project.

The following special conditions are imposed on this permit:

- (16) The yellow placard accompanying this permit document must be conspicuously displayed at the work site throughout the construction phase of the authorized activity.
- (17) Permittee agrees to notify the Commission a minimum of 15 days prior to the start of the construction activities authorized by this permit.

A permit issuing fee of: \$100.00

and a royalty of: N/A (per Ch. 1018 Acts 2004)

for a total of \$100.00 This permit consists of 6 sheets.

PERMITTEE

Permittee's signature is affixed hereto as evidence of acceptance of all of the terms and conditions herein.

In cases where the Permittee is a corporation, agency or political jurisdiction, please assure that the individual who signs for the Permittee has proper authorization to bind the organization to the financial and performance obligations which result from activity authorized by this permit.

PERMITTEE

Accepted for Daniel Luterhan

11 day of April, 2005

By [Signature] Property Owner  
(Name) (Title)

State of Virginia

City (or County) of Richmond

, to-wit:

I, C. W. Hyles, a Notary Public in and for said City (or County) and State hereby certify that Daniel J. Luterhan, Permittee, whose name is signed to the foregoing, has acknowledged the same before me in my City (or County) and State aforesaid.

Given under my hand this 11 day of April, 2005.

My Commission Expires: June 30, 2007

Notary Public C. W. Hyles

COMMISSION

IN WITNESS WHEREOF, the Commonwealth of Virginia, Marine Resources Commission has caused these presents to be executed in its behalf by Robert W. Grabb, Chief, Habitat Management

(Name) (Title) Marine Resources Commission

14th day of April, 20 05

by [Signature]

State of Virginia

City of Newport News, to wit:

I, Barbara A. Cundiff, a Notary Public within and for said City, State of Virginia, hereby certify that Robert W. Grabb, whose name is signed to the foregoing, bearing the 28th day of March 2005, has acknowledged the same before me in City aforesaid.

Given under my hand this 14th day of April, 20 05

My Commission Expires: 4-30-2007

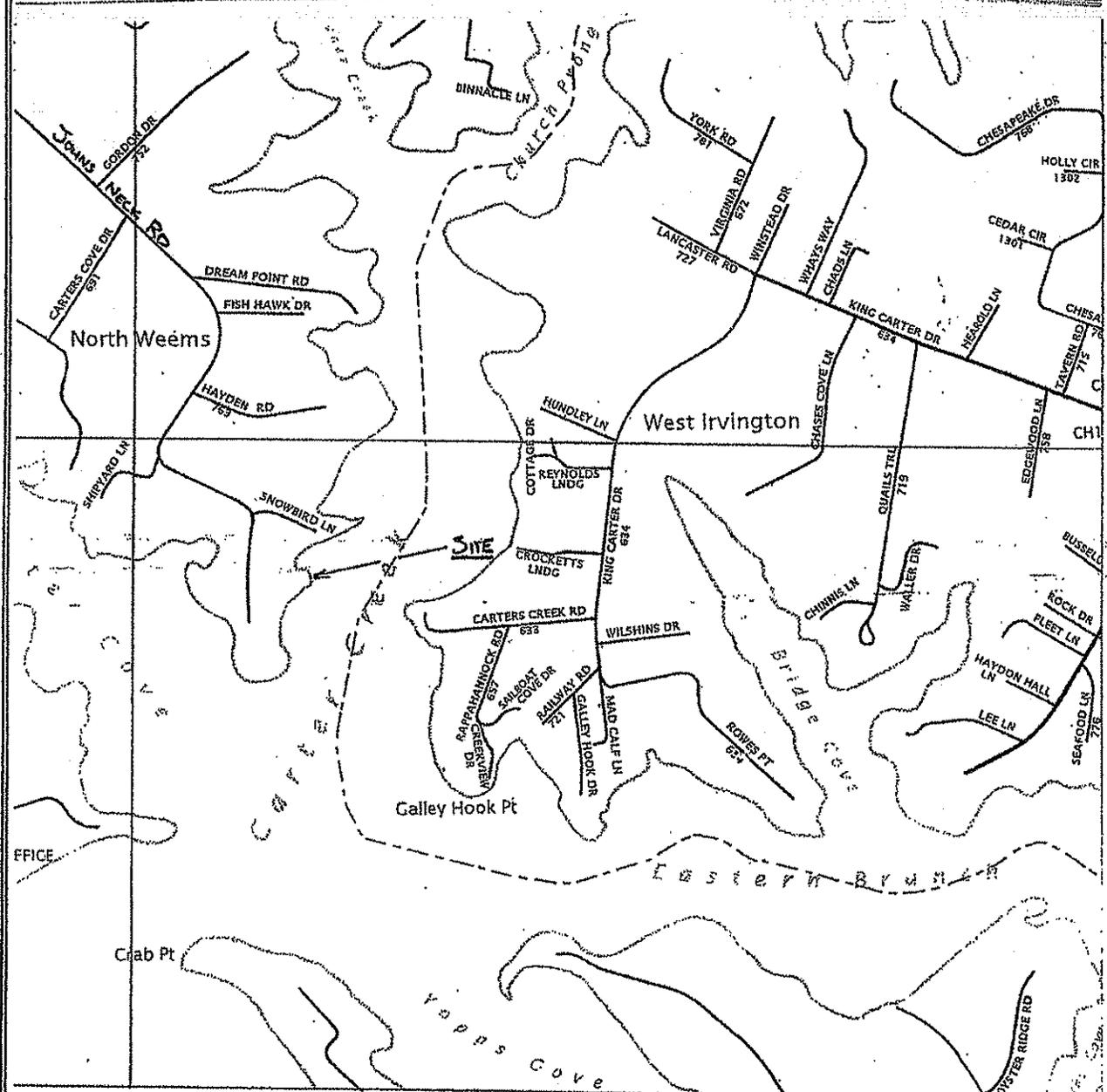
Notary Public Barbara A. Cundiff

RECEIVED

JAN 03 2005

MARINE RESOURCES COMMISSION

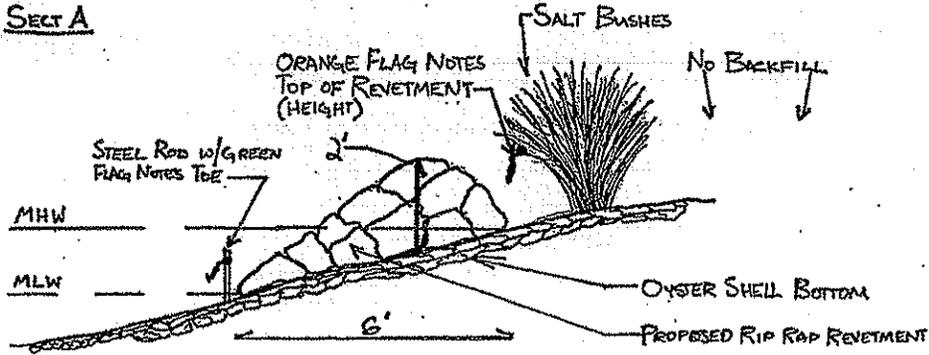
By



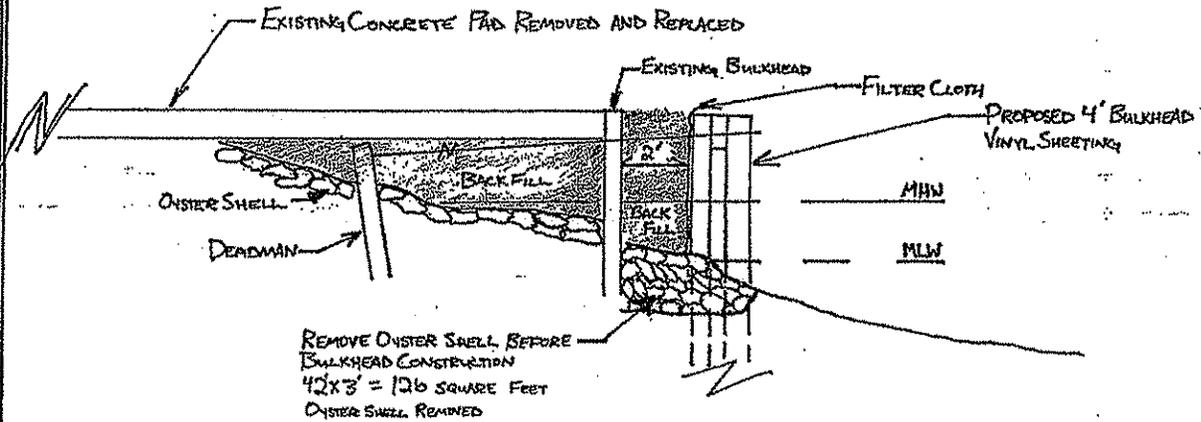
MAP

PROPOSED REVETMENT & BULKHEAD CARTERS CREEK  
 DANIEL LUDEMAN LANCASTER Co. 33-196  
 JOHNS NECK ROAD DECEMBER 2004 / SHEET 3 OF 3

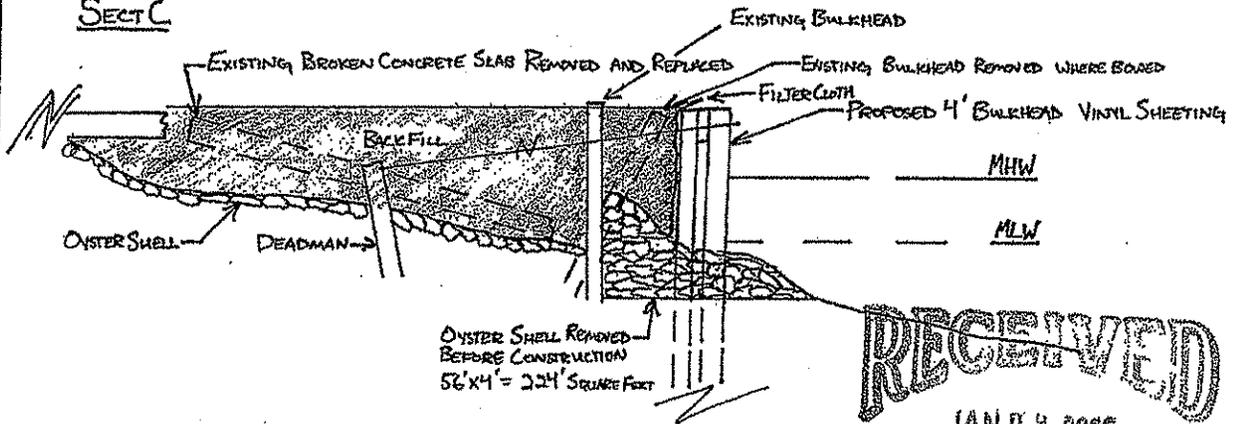
**SECT A**



**SECT B**



**SECT C**



**RECEIVED**

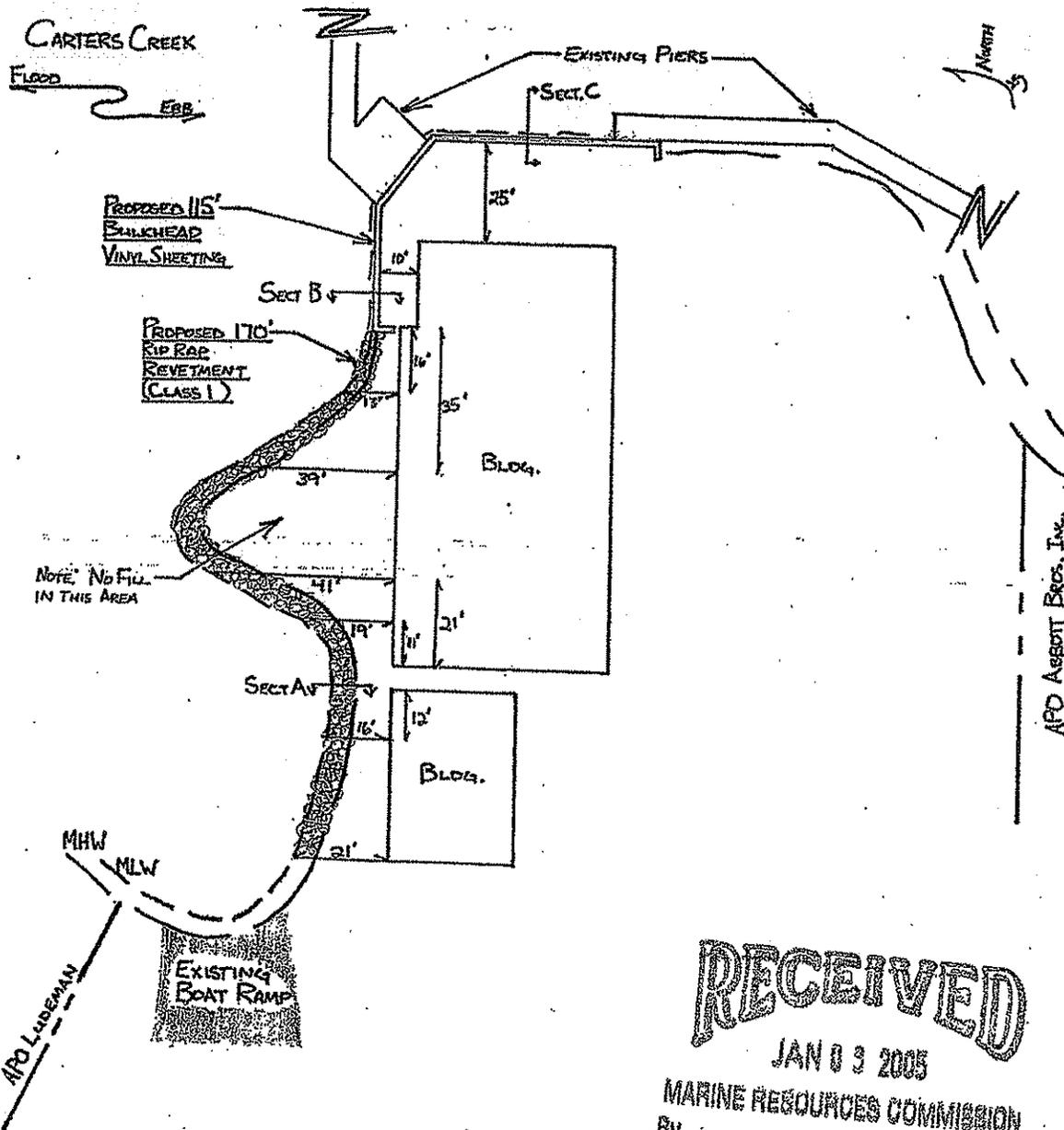
JAN 03 2005

MARINE RESOURCES COMMISSION

By \_\_\_\_\_

CROSS SECTION VIEW  
SCALE: 1" = 4'

PROPOSED REVETMENT & BULKHEAD CARTERS CREEK  
DANIEL LUDEMAN LANCASTER Co. 33-196  
JOHNS NECK ROAD DECEMBER 2004 / SHEET 2 OF 3



PLAN VIEW  
SCALE: 1" = 40'

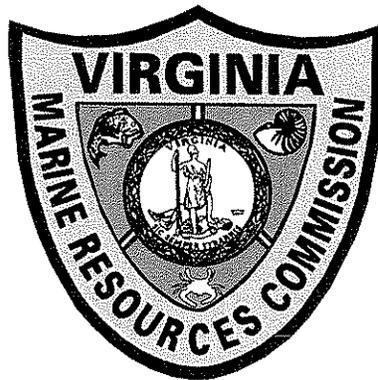
PROPOSED REVETMENT & BULKHEAD CARTERS CREEK  
DANIEL LUDEMAN  
JOHNS NECK ROAD  
LANCASTER CO. 33-196  
DECEMBER 2004 / SHEET 1 OF 3

**RECEIVED**  
JAN 03 2005  
MARINE RESOURCES COMMISSION  
By \_\_\_\_\_

# **ATTACHMENT F**

## **Sample Project Compliance Assessment Worksheet**

**VIRGINIA MARINE RESOURCES  
COMMISSION  
Permit Compliance  
And  
Inspection Program**



November 2012

# Virginia Marine Resources Commission Project Compliance Assessment

Print Date: Tuesday November 8, 2011



EST PROJECT COMPLETION: \_\_\_\_\_ PERMIT NUMBER: 20050012  
PERMIT TYPE: VMRC Subaqueous INSPECTOR: Brad Reams  
SITE VISIT / DATE & TIME: \_\_\_\_\_  
OTHERS PRESENT: \_\_\_\_\_

1. PERMITTEE Daniel Ludeman

2. LOCATION WATERWAY: Carter Creek (Rappahanock)  
CITY/COUNTY: Lancaster

3. PROJECT DESCRIPTION 115' replace Bulk/170' Riprap(amlw)

4. PROJECT COMPLETED? YES  NO

5. DATE OF PERMIT EXPIRATION Monday March 31st, 2008

6. PROJECT DIMENSIONS AS PERMITTED \_\_\_\_\_

7. PROJECT DIMENSIONS AS CONSTRUCTED \_\_\_\_\_

8. CAN PERMIT COMPLIANCE BE DETERMINED? YES  NO

9. DEGREE OF PERMIT COMPLIANCE:  
IN COMPLIANCE                      MODERATE                      OUT OF COMPLIANCE

10. ADDITIONAL COMMENTS: \_\_\_\_\_

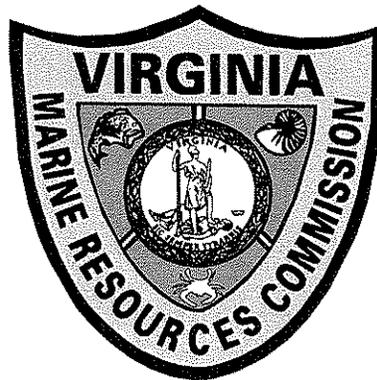
11. CONTRACTOR? \_\_\_\_\_

12. NUMBER OF PICTURES TAKEN:

# **ATTACHMENT G**

## **Compliance Inspection Report**

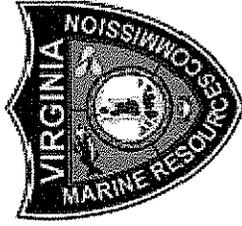
**VIRGINIA MARINE RESOURCES  
COMMISSION  
Permit Compliance  
And  
Inspection Program**



**November 2012**

# Virginia Marine Resources Commission Compliance Inspection Summary 2011-10-01 Through 2012-09-30

Print Date: Friday November 9 2012



Degree of Compliance	Count
In Compliance	353
Not Constructed	49
Moderate Compliance	15
Unable to Determine	8
Out of Compliance	5
	2

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20100603	2011-10-03	Issued	Riprap	Chesterfield	Randy Owen	In Compliance
<b>Applicant:</b> Michael Covington						
<b>Comments:</b> Rock toe installed landward of that authorized						
20110599	2011-10-05	No Permit Nec	Bulkhead/Lift			
<b>Applicant:</b> Marc Hough						
<b>Comments:</b> Dan & I measured the bulkhead & it's bench marks and they matched preconstruction drawings.						
20090093	2011-10-05	Issued	Extend Roof over Dock	Stafford	Brad Reams	In Compliance
<b>Applicant:</b> Aquia Bay Marina						
<b>Comments:</b> roofed structure was enclosed and a free-standing wall was also built.						
20101115	2011-10-14	Issued	Beach Nourishment/Breakwater/Riprap (Jon Swart co-	Accomack County	Hank Badger	In Compliance
<b>Applicant:</b> Peter Swart, et al						
20101469	2011-10-24	Issued	Bulkhead	Poquoson	Brad Reams	In Compliance
<b>Applicant:</b> Frederick Riggins						
20081837	2011-10-26	Issued	Riprap (Robert Pemberton co-app)	Richmond County	Brad Reams	In Compliance
<b>Applicant:</b> D Ramsey, Jr., et al						
20081791	2011-10-26	Issued	Bulkhead/Ramp	Richmond County	Brad Reams	In Compliance
<b>Applicant:</b> Larry Witter						
20081060	2011-10-26	Issued	Riprap	Richmond County	Brad Reams	In Compliance
<b>Applicant:</b> Chris Mayhugh						
20110243	2011-10-27	Issued	2 Commercial Tending Pier Extensions	Stafford	Dan Bacon	In Compliance
<b>Applicant:</b> Hope Springs Marina, L.L.C.						
20081914	2011-11-01	Issued	Bulkhead	Westmoreland	Dan Bacon	In Compliance
<b>Applicant:</b> Allen's Oyster House, Inc., et al						
<b>Comments:</b> extension letter mailed 11-14-11. 75% completed. Bulkhead wings on both sides of boat ramp only remaining repairs left to be done.						

# Virginia Marine Resources Commission Compliance Inspection Summary 2011-10-01 Through 2012-09-30

Print Date: Friday November 9 2012



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20091461	2011-11-01	Issued	Osprey Nesting Platform	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> John Namey						
20110662	2011-11-01	Issued	Bulkhead/Lift	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> Edward McAllister, II						
20100866	2011-11-01	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> Robert McNamara						
20081407	2011-11-01	Issued	Bulkhead/Pier	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> Algar Cosby						
20101386	2011-11-01	No Permit Nec	Bulkhead	Westmoreland	Brad Reams	Not Constructed
<b>Applicant:</b> Kenneth Cooke						
20100552	2011-11-02	Issued	Replace Docks A & B	Portsmouth	Brad Reams	In Compliance
<b>Applicant:</b> Coast Guard, U.S.						
20101886	2011-11-02	Issued	Riprap	Norfolk	Brad Reams	In Compliance
<b>Applicant:</b> Bryan Grinnan						
20101885	2011-11-02	Issued	Riprap	Norfolk	Brad Reams	In Compliance
<b>Applicant:</b> Elizabeth Beaman						
20081334	2011-11-02	Issued	960' sill/Camp Young living Shoreline	Chesapeake	Brad Reams	Unable to Determine
<b>Applicant:</b> Norfolk City Public Schools						
20080847	2011-11-02	Issued	Bulkhead Rehabilitation	Portsmouth	Brad Reams	In Compliance
<b>Applicant:</b> Coast Guard, U.S.						
20111025	2011-11-10	Issued	Bulkhead	Virginia Beach	Justin Worrell	In Compliance
<b>Applicant:</b> Janet Dilley						
<b>Comments:</b> bulkhead rebuilt in original alignment; 5-foot wharf built much shorter than permitted 65 feet.						
20080451	2011-11-15	Issued	replace community boat ramp and add 4'x108' pier	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Jamaica Shores Association						
20081516	2011-11-15	Issued	64' vinyl groin and two spurs	Mathews	Brad Reams	In Compliance
<b>Applicant:</b> Deborah Davis						
20110987	2011-11-15	Issued	Mooring	Mathews	Brad Reams	In Compliance
<b>Applicant:</b> Pete Dolan						
20080913	2011-11-15	Issued	98' Replacement Bulkhead/Private Pier w/ lift	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Cliff Hickman						
20081618	2011-11-15	Issued	135' Marsh Toe Sill and 305' riprap revet abv mlw	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Mariners Point Unit Owners Assoc.						
20081896	2011-11-15	Issued	3 Jetties	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Charles Faulkner, Sr.						
<b>Comments:</b> 2 groins functioning 1 groin destroyed in Hurricane will ask for extension.						

# Virginia Marine Resources Commission Compliance Inspection Summary 2011-10-01 Through 2012-09-30

Print Date: Friday, November 9 2012



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20062097	2011-11-15	Issued	replace boathouse w/ os add deck on landward side	Middlesex	Brad Reams	In Compliance
Applicant: Rhett Riddle						
Comments: no boathouse built						
20090778	2011-11-16	Issued	Breakwater	Northumberland	Brad Reams	In Compliance
Applicant: Michael Lennon						
20081241	2011-11-16	Issued	Bridge (Lee F. Connor)	Northumberland	Brad Reams	In Compliance
Applicant: Bussel Point LLC						
Comments: neighbor permit 11-0754 for bridge also						
20110891	2011-11-16	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Mundy Point and Watts Point Farms, Inc.						
20081511	2011-11-16	Issued	Rebuild 367' community Pier after TS Ernesto	Lancaster	Brad Reams	Unable to Determine
Applicant: River's Landing Property Owners Association						
Comments: gate locked on pier, phone # not in service.						
20081745	2011-11-16	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Phillip Johnson						
20110754	2011-11-16	Issued	Pier/Osprey Nesting Poie	Northumberland	Brad Reams	In Compliance
Applicant: Jesus Lapera						
20081509	2011-11-16	Issued	Bulkhead	Richmond County	Brad Reams	In Compliance
Applicant: Frank Payne						
20081136	2011-11-16	Issued	185' riprap sill/470 cy Beach Nourishment	Lancaster	Brad Reams	In Compliance
Applicant: Dimiter Georgiadis						
20080510	2011-11-21	Issued	Commercial Oyster Aquaculture	Accomack County	Brad Reams	In Compliance
Applicant: Carroll Cherrix						
Comments: used GIS 09 aerial image to check compliance.						
20080860	2011-11-22	Issued	Slips @ Marsh Island Marina	Accomack County	Brad Reams	Not Constructed
Applicant: Carlton Mason						
Comments: asking for 2 year extension 12-19-11						
20101697	2011-11-22	Issued	Bulkhead (Capt's Cove, Sect 1, Lot 989)	Accomack County	Brad Reams	In Compliance
Applicant: J Stout						
20110521	2011-11-22	Issued	Replace 2 Piers, 2 Ramps and Bulkhead at Johnson's	Accomack County	Brad Reams	In Compliance
Applicant: Accomack County						
20101301	2011-11-22	Issued	Bulkhead & Pier @ 3542 Main Street	Accomack County	Brad Reams	In Compliance
Applicant: Robert Mears						
20081660	2011-11-22	Issued	Bulkhead/Dredge/Pier, Across St. from 3708 Main	Accomack County	Brad Reams	In Compliance
Applicant: Helen Birch						
20081326	2011-11-22	Issued	Bulkhead, 3527 Main St.	Accomack County	Brad Reams	Moderate Compliance

# Virginia Marine Resources Commission Compliance Inspection Summary 2011-10-01 Through 2012-09-30

Print Date: Friday November 9 2012



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Glenn Riccardi						
20081643	2011-11-29	Issued	Bulkhead	Essex	Brad Reams	In Compliance
Applicant: Harold Van Arsdale						
20081640	2011-11-29	Issued	Pier/Lift/2 PWC Lifts/Ramp	Caroline	Brad Reams	In Compliance
Applicant: Kent Farmer						
20100066	2011-11-29	Issued	Jetty	Essex	Brad Reams	In Compliance
Applicant: John Boyle, III						
Comments: Vgp2 wetland inspection						
20100796	2011-11-29	No Permit Nec	Bulkhead	Essex	Brad Reams	Not Constructed
Applicant: Claude Allen, Jr.						
20101107	2011-11-29	No Permit Nec	Bulkhead	Essex	Brad Reams	In Compliance
Applicant: William Lucas						
20100727	2011-11-29	No Permit Nec	Bulkhead	Richmond County	Brad Reams	In Compliance
Applicant: Peggy Davis						
20101190	2011-11-29	Issued	Riprap	Richmond County	Brad Reams	In Compliance
Applicant: Catherine Thurston						
20101147	2011-11-29	Issued	Riprap	Richmond County	Brad Reams	In Compliance
Applicant: Ralph Barrack						
20082181	2011-11-30	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Reverdy Nicholson						
20081116	2011-11-30	Issued	Riprap @ 186 Tampa Drive	Northumberland	Brad Reams	In Compliance
Applicant: William Corcoran						
20071141	2011-11-30	Issued	Breakwater	Northumberland	Brad Reams	Moderate Compliance
Applicant: Robert White, Jr.						
Comments: 22 prisms in place rather than 21.						
20101949	2011-11-30	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Thomas Williams						
20100168	2011-11-30	No Permit Nec	Lift/Pier/Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Ronald Callaghan						
20100876	2011-11-30	No Permit Nec	Bulkhead/Groin Repair	Westmoreland	Brad Reams	Moderate Compliance
Applicant: John Hanky, Jr.						
Comments: used knee braces instead of riprap						
20110252	2011-12-07	Issued	Lift/Pier	Mathews	Brad Reams	In Compliance
Applicant: Hudgins Point Estates Condominium Owners Assoc.						
20110986	2011-12-07	Issued	Breakwaters	Mathews	Brad Reams	In Compliance
Applicant: Edward Davis, et al						

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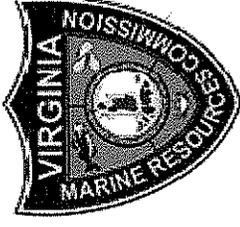
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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20081360	2011-12-07	Issued	Pier Pier extending beyond court's line of nav	Gloucester	Brad Reams	In Compliance
Applicant: Steven Wann						
20100921	2011-12-07	Issued	2 lp groins/250' pier w/ uncovered	Gloucester	Brad Reams	In Compliance
Applicant: Mark Douglas						
20100751	2011-12-07	No Permit Nec	Riprap abv mlw	Mathews	Brad Reams	In Compliance
Applicant: Denny O'Neal						
20101632	2011-12-07	No Permit Nec	Pier/Riprap	Mathews	Brad Reams	Not Constructed
Applicant: James Timberlake						
20100897	2011-12-07	No Permit Nec	Riprap/Walkway (Nina Crafton co-app) abv mlw	Mathews	Brad Reams	In Compliance
Applicant: Raymond Lowman, et al						
20111179	2011-12-08	Issued	Beach Nourishment	Gloucester	Chip Neikirk	In Compliance
Applicant: Brenda Wilson						
20081701	2011-12-12	Issued	Osprey Nesting Platform	Mathews	Brad Reams	In Compliance
Applicant: Donald Roane						
Comments: used office GIS check for compliance						
20101633	2011-12-12	No Permit Nec	Pier/Lift/Riprap	Mathews	Brad Reams	In Compliance
Applicant: Jud Black						
20081721	2011-12-15	Issued	Huntington Park Channel Dredging	Newport News	Brad Reams	In Compliance
Applicant: Newport News, City of						
Comments: post dredge survey 10-23-09						
20020680	2011-12-16	Issued	Breakwaters/Beach Nourishment	Charles City	Brad Reams	In Compliance
Applicant: Paul Dresser						
20100816	2011-12-16	Issued	River Bank Stabilization	Surry	Brad Reams	In Compliance
Applicant: Guilford Heights Assoc.						
20101052	2011-12-16	Issued	Pier/Bulkhead @ YorkRiver State Park	James City	Brad Reams	In Compliance
Applicant: Conservation and Recreation, Department of						
20082152	2011-12-16	Issued	Pier/Lift @ Surry Power Station	Surry	Brad Reams	In Compliance
Applicant: Dominion Virginia Power						
20081589	2011-12-16	Issued	Breakwater	Charles City	Brad Reams	In Compliance
Applicant: Catherine Ripley						
20081932	2011-12-19	Issued	Boathouse	Newport News	Brad Reams	Out of Compliance
Applicant: David Hall						
Comments: BH in compliance / 4x22 Wall & 7x7 kayak platform out of compliance. will remove in 60 days. 3-27-12 platform and wall removed (in compliance).						
20081719	2011-12-19	Issued	Groin/Riprap	Newport News	Brad Reams	In Compliance
Applicant: St. George Lee						
20110778	2011-12-19	Issued	Bulkhead	York	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Timothy Wise						
20101880	2011-12-19	Issued	Bulkhead/PWC Lift	York	Brad Reams	In Compliance
Applicant: John Sim						
20020463	2011-12-21	Issued	Pier, boathouse, breakwaters, beach nourishment	Gloucester	Chip Neikirk	Not Constructed
Applicant: Donald Driver						
20081940	2012-01-11	Issued	195' Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Phillip Perkins						
20110794	2012-01-11	Issued	Marsh Sill Toe/PWC Lift	Middlesex	Brad Reams	In Compliance
Applicant: Matt Harris						
20090350	2012-01-11	Issued	295' Riprap, 3x40' groins, 102 cy nourish	Lancaster	Brad Reams	In Compliance
Applicant: John Chilton						
20090507	2012-01-11	Issued	3 Breakwaters, 1 spur, 2 Groin Exten, beach nour	Lancaster	Brad Reams	In Compliance
Applicant: Beach Cove Villas Condo Owners Association						
Comments: 50' BW & spur no constructed. send letter in August 2012.						
20100820	2012-01-11	Issued	61' Riprap over exist in front of bulkhead	Lancaster	Brad Reams	In Compliance
Applicant: Richard Crittenden, et al						
20110846	2012-01-11	Issued	Riprap/Beach Nourishment	Lancaster	Brad Reams	In Compliance
Applicant: Robert Vogel						
20100621	2012-01-11	Issued	233' riprap in front of bulkhead	Lancaster	Brad Reams	In Compliance
Applicant: Mary Jane Chewing Revocable Trust						
20101826	2012-01-19	Issued	Sill/Beach Nourishment (Living Shoreline)	Gloucester	Brad Reams	In Compliance
Applicant: David Wiker						
Comments: steep side slopes on nourishment area						
20101663	2012-01-19	Issued	Replace 3 Groins	Gloucester	Chip Neikirk	In Compliance
Applicant: John Newcomb						
20101696	2012-01-19	Issued	Living Shoreline/Rock Sill/Beach Nourishment	Gloucester	Chip Neikirk	Moderate Compliance
Applicant: Mary Murphy						
Comments: steep side slopes on nourishment area						
20110731	2012-01-19	Issued	2 Jetties	Gloucester	Chip Neikirk	In Compliance
Applicant: Bobby McCauley						
20110609	2012-01-20	Issued	Community Pier	Northumberland	Brad Reams	Out of Compliance
Applicant: Roland Stecher, et al						
Comments: added lift to pier not in permit						
20111015	2012-01-20	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: David Boldridge						
20110811	2012-01-20	Issued	Riprap	Northumberland	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Paul Barsnica 20081904	2012-01-20	Issued	Dredge 330 cy/40' timber Jetty	Lancaster	Brad Reams	In Compliance
Applicant: Gordon Smith 20081519	2012-01-20	Issued	Marginal Wharf (sub.) pier bulkhead (rpn)	Northumberland	Brad Reams	In Compliance
Applicant: Brian DeWitt 20082247	2012-01-20	Issued	Riprap (20'<MLW)	Northumberland	Brad Reams	In Compliance
Applicant: Aileen Snyder 20081604	2012-01-24	Issued	Holiday Inn Seawall Repair	Portsmouth	Brad Reams	Not Constructed
Applicant: Portsmouth, City of Comments: project abandoned? nothing received to extend permit 20091653	2012-01-24	Issued	Campostella Rd/Wake Ave Culvert Replacement	Chesapeake	Brad Reams	In Compliance
Applicant: Chesapeake Public Works 20111144	2012-01-24	Issued	Piling/Walkway/Lift	Chesapeake	Brad Reams	In Compliance
Applicant: NORCUR, Inc. 20081806	2012-01-25	Issued	225' of replacement vinyl bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Fishing Bay Yacht Club 20082297	2012-01-25	Issued	14'x150' boatramp replacement	Middlesex	Brad Reams	In Compliance
Applicant: Regent Point Marina 20090379	2012-01-25	Issued	Marina Expansion, 247', 41 new slips	Lancaster	Brad Reams	In Compliance
Applicant: Clay Holcomb Comments: 85% complete. Sent extension letter and never received request to extend 7-3-12. 20111011	2012-01-25	Issued	Bulkhead	Middlesex	Jay Woodward	In Compliance
Applicant: Joyce Sylvia 20100464	2012-01-25	No Permit Nec	233' Riprap revetment and 65' sill above mtw	Middlesex	Brad Reams	In Compliance
Applicant: Thomas Bishop 20100230	2012-01-25	Issued	Riprap abv mtw (Katherine Beale co-app)	Middlesex	Brad Reams	In Compliance
Applicant: F Beale 20081907	2012-01-25	Issued	21'x28' deck for commercial aquaculture	Middlesex	Brad Reams	In Compliance
Applicant: Shores and Ruark Seafood Market 20100164	2012-01-25	No Permit Nec	Coir Logs (Ann de Peyster co-app)	Middlesex	Brad Reams	In Compliance
Applicant: Mike Kirk, et al 20082048	2012-01-25	Issued	50' riprap revetment along bulkhead	Gloucester	Brad Reams	Not Constructed
Applicant: Margo Rudd 20082074	2012-01-25	Issued	Breakwater	Middlesex	Brad Reams	In Compliance
Applicant: Cove Association, Inc. 20100220	2012-01-25	Issued	50' x 14' Breakwater @ 137 Pinetop Road	Middlesex	Jay Woodward	In Compliance

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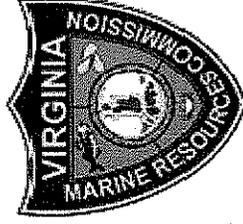
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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Joyce Sylvia 20110696	2012-01-31	Issued	Marsh Toe Sill	Middlesex	Brad Reams	Not Constructed
Applicant: Robert Hodges Comments: 1/2 of the sill is complete						
20100676	2012-01-31	No Permit Nec	128' replacement bulkhead in manmade basin	Middlesex	Brad Reams	In Compliance
Applicant: Mill Creek Harbor Association, Inc.						
20101200	2012-01-31	Issued	105' replacement vinyl bulkhead 1' channelward	Middlesex	Brad Reams	In Compliance
Applicant: Willard Council						
20110004	2012-01-31	Issued	3 Marsh Sills	Middlesex	Brad Reams	In Compliance
Applicant: Gaylon Layfield						
20100878	2012-01-31	No Permit Nec	55' riprap marsh sill above mlw	Middlesex	Brad Reams	In Compliance
Applicant: Dave Malechek						
20101186	2012-01-31	No Permit Nec	Bulkhead aligned landward of existing and mlw	Middlesex	Brad Reams	In Compliance
Applicant: Naomi Smith						
20101959	2012-01-31	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: James Berlinghoff						
20101426	2012-01-31	Issued	75' Riprap in front of bulk (APO Rogan, 10-1425)	Middlesex	Brad Reams	In Compliance
Applicant: Joyce Minor						
20101425	2012-01-31	Issued	75' Riprap in front of bulk (APO Minor 10-1426)	Middlesex	Brad Reams	In Compliance
Applicant: Paul Rogan						
20101014	2012-01-31	Issued	157' replacement bulkhead/replacement pier/lift	Middlesex	Brad Reams	In Compliance
Applicant: S DiGaetano						
20070128	2012-02-06	Issued	Floating Pier	Accomack County	Brad Reams	In Compliance
Applicant: Gene Taylor						
Comments: using GIS measured 16x11						
20081648	2012-02-07	Issued	Pier	Hopewell	Brad Reams	In Compliance
Applicant: Hopewell, City of						
20101699	2012-02-07	Issued	Pier/Dual slip open-sided Boathouse/Gazebo roof	Isle of Wight	Brad Reams	In Compliance
Applicant: R Saunders						
20100980	2012-02-07	No Permit Nec	Riprap/Bank Stabiliz (Richard Croot co-app)	Isle of Wight	Brad Reams	Moderate Compliance
Applicant: Marina Ashton, et al						
Comments: contour of the revetment shaped different than drawings						
20101420	2012-02-07	No Permit Nec	Riprap(NPN)	Isle of Wight	Brad Reams	In Compliance
Applicant: Daniel Sadler						
20061635	2012-02-08	Issued	Boathouse/Riprap	Accomack County	Brad Reams	In Compliance
Applicant: Tom Ford						

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20081417	2012-02-08	Issued	Riprap, 27064 Underhill Point	Accomack County	Brad Reams	In Compliance
Applicant: Kay Wilson-Hayes						
20111010	2012-02-08	Issued	Bulkhead, Dock, T-head	Accomack County	Brad Reams	In Compliance
Applicant: Keith Miles						
20101808	2012-02-08	Issued	Riprap	Accomack County	Brad Reams	In Compliance
Applicant: John Maganas						
20101247	2012-02-08	No Permit Nec	Bulkhead @ 4 Lots, 3645 Main Street	Accomack County	Brad Reams	In Compliance
Applicant: Channel Breeze Town Homes						
20081590	2012-02-08	Issued	Commercial Pier, 7477 Lighthouse Lane	Accomack County	Brad Reams	In Compliance
Applicant: Gene Taylor						
20082204	2012-02-08	Issued	Bulkhead replacement, Across from 3244 Main St.	Accomack County	Brad Reams	In Compliance
Applicant: Robert Chesser, et al						
20101300	2012-02-08	No Permit Nec	Bulkhead, 3547 Main Street	Accomack County	Brad Reams	In Compliance
Applicant: Carolyn Elmore						
20101972	2012-02-08	No Permit Nec	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Charles Williams						
20101170	2012-02-08	No Permit Nec	Bulkhead, 7157 Silver Sails	Accomack County	Brad Reams	In Compliance
Applicant: Joseph Thurston, Jr.						
20101167	2012-02-08	No Permit Nec	Bulkhead, 7155 Silver Sails	Accomack County	Brad Reams	In Compliance
Applicant: Larry McKinney						
20101165	2012-02-08	No Permit Nec	Bulkhead, 7156 Silver Sails	Accomack County	Brad Reams	In Compliance
Applicant: Harry Magalotti						
20101164	2012-02-08	No Permit Nec	Bulkhead, 7512 Silver Sails	Accomack County	Brad Reams	In Compliance
Applicant: Roger Lemaster						
20101166	2012-02-08	No Permit Nec	Bulkhead, 7151 Silver Sails	Accomack County	Brad Reams	In Compliance
Applicant: Michael Martin						
20101291	2012-02-14	Issued	75' Ripraprevet/150' sill/400cy nour/40' bw ext	Middlesex	Brad Reams	In Compliance
Applicant: Fernand Baruch, Jr.						
20082228	2012-02-14	Issued	Riprap sill, bn w/plantings, private pier and lift	Gloucester	Brad Reams	In Compliance
Applicant: Ludwell Pickett						
Comments: Mrs. Pickett said she plans on removing the floating dock						
20100397	2012-02-14	No Permit Nec	Riprap sill improvement/25' rr return	Gloucester	Brad Reams	Unable to Determine
Applicant: Lawrence Cohen						
Comments: gate locked						
20082227	2012-02-14	Issued	280'x8' Riprap sill w/ 14 cyds bn	Gloucester	Brad Reams	In Compliance
Applicant: George Rutter						

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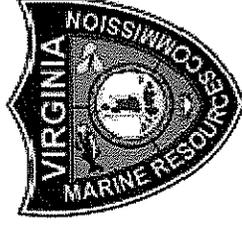
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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20101370	2012-02-14	Issued	65' Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Zoar Baptist Church						
20082144	2012-02-14	Issued	Marsh Sill Toe	Middlesex	Brad Reams	In Compliance
Applicant: Stingray Harbor Marina						
20101822	2012-02-14	No Permit Nec	Riprap	King and Queen	Brad Reams	In Compliance
Applicant: Beverly Heath						
20101821	2012-02-14	No Permit Nec	Riprap	King and Queen	Brad Reams	In Compliance
Applicant: Paul Irwin						
20100261	2012-02-14	No Permit Nec	Pier Repair/Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: James Cobb, et al						
20082170	2012-02-15	Issued	681' Riprap, 120' sill, 45 cy nourish, plant	Lancaster	Brad Reams	In Compliance
Applicant: Leo Kemp						
20111193	2012-02-15	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Joseph Lebow						
20110527	2012-02-15	Issued	Marsh Toe Stabilization	Lancaster	Brad Reams	In Compliance
Applicant: Dwight Timm						
20101197	2012-02-15	Issued	200 sf upweller float for Commercial Aquaculture	Lancaster	Brad Reams	In Compliance
Applicant: Charles Bouis						
20100779	2012-02-15	Issued	357' Riprap in front of new bulkhead	Lancaster	Brad Reams	In Compliance
Applicant: Thomas Armstrong						
20071569	2012-02-22	Issued	Marina/Bulkhead/Dredging/Boatrap	Poquoson	Brad Reams	Not Constructed
Applicant: Poquoson Marina Associates, LLC						
Comments: inspected Docks B, C, D in compliance. Docks F, G, H need inspected & bulkhead						
20101956	2012-02-22	Issued	Marina Repairs	York	Brad Reams	In Compliance
Applicant: Wormley Creek Marina						
20111644	2012-02-22	Issued	Pier/Lift/Covered Slip	Poquoson	Brad Reams	Not Constructed
Applicant: Ronald Post						
20081722	2012-02-22	Issued	Marsh Toe Sill	Poquoson	Brad Reams	In Compliance
Applicant: Jim Mantone						
20090127	2012-02-22	Issued	Breakwater	York	Brad Reams	In Compliance
Applicant: R Hixon						
20100389	2012-02-22	No Permit Nec	Riprap (Chris Phillips & Uncles Neck LLC co-apps)	James City	Brad Reams	Not Constructed
Applicant: Henry Stephens, et al						
20090193	2012-02-22	Issued	Pier	James City	Brad Reams	In Compliance
Applicant: Terri McIlwain						
20111106	2012-02-23	Issued	Bulkhead	Northumberland	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Leroy Fox, Jr. 20110277	2012-02-23	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Paul Fox, III, et al 20110057	2012-02-23	Issued	Pier/Lift/PWC Lift	Lancaster	Brad Reams	In Compliance
Applicant: Frank Bradley, III, et al 20080842	2012-02-23	Issued	Bulkhead/ 2 Jetties/Pier	Northumberland	Brad Reams	In Compliance
Applicant: Craig Kelly 20082251	2012-02-23	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Michael Reed 20100040	2012-03-01	Issued	Riprap	Newport News	Brad Reams	In Compliance
Applicant: Carolyn Abbitt 20100041	2012-03-01	Issued	Breakwater	Newport News	Brad Reams	In Compliance
Applicant: Bill Saunders 20091368	2012-03-01	Issued	Breakwater	Newport News	Brad Reams	In Compliance
Applicant: Robert Snyder 20071614	2012-03-06	Issued	Riprap/Pier	Norfolk	Brad Reams	Not Constructed
Applicant: River House Apts., LLC Comments: riprap constructed - not wharf 20111597	2012-03-06	Issued	Repair Community Pier	Lancaster	Brad Reams	Moderate Compliance
Applicant: Salt Air Property Owners Association Comments: added 2 triangle shaped additions, Jay & I believe it was in moderate compliance. 20111454	2012-03-06	Issued	Bulkhead	Lancaster	Brad Reams	In Compliance
Applicant: Thomas Garnett 20091816	2012-03-06	Issued	Add 6 Slips @ Carter's Creekside & Coveseide Dock	Lancaster	Brad Reams	In Compliance
Applicant: Green Association, The, et al 20101850	2012-03-06	No Permit Nec	ATF Bulkhead/Fill	Norfolk	Brad Reams	In Compliance
Applicant: Stanley Barr 20100399	2012-03-06	No Permit Nec	113' Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Curtis Dozier 20101366	2012-03-06	No Permit Nec	Dredge manmade basin, bulk, riprap	Lancaster	Brad Reams	Not Constructed
Applicant: Knuff Properties LLC 20100004	2012-03-06	No Permit Nec	90' Bulkhead behind community pier Carpenter Cove	Lancaster	Brad Reams	In Compliance
Applicant: Conley Properties, LLC 20101262	2012-03-06	No Permit Nec	121' Riprap	Lancaster	Brad Reams	In Compliance
Applicant: John Galthoun 20101199	2012-03-06	Issued	1,688' Riprap in front of bulkhead	Lancaster	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Green Association, The 20080149	2012-03-07	Issued	Haven Creek Walking Path/Living Shoreline	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk, City of 20091543	2012-03-07	Issued	Non-riparian Pier on City paper street (Bayville)	Norfolk	Brad Reams	In Compliance
Applicant: Gustav Asboth 20110049	2012-03-07	Issued	Bulkhead	Norfolk	Brad Reams	In Compliance
Applicant: National Oceanic & Atmospheric Administration 20110551	2012-03-07	Issued	Mooring Buoy	Norfolk	Brad Reams	In Compliance
Applicant: Robert Burnett Comments: mooring appears too be in the area where it was indicated on the map. 20082261	2012-03-07	Issued	Dredging/Boat Ramp/Pier	Norfolk	Brad Reams	Not Constructed
Applicant: East Beach Company, LLC Comments: waiting on building permit 20110461	2012-03-07	Issued	Pier/Lift/Bulkhead Repair	Portsmouth	Brad Reams	In Compliance
Applicant: Thomas Bourgelas 20100254	2012-03-07	No Permit Nec	Bulkhead Repair/Riprap above MLW	Norfolk	Brad Reams	In Compliance
Applicant: John Schaefer 20100453	2012-03-07	No Permit Nec	Riprap	Norfolk	Brad Reams	In Compliance
Applicant: Robert Swallow 20100899	2012-03-07	No Permit Nec	Riprap above MLW	Norfolk	Brad Reams	In Compliance
Applicant: Michael Dolsey 20100587	2012-03-07	No Permit Nec	Replace Bulkhead in man-made canal	Norfolk	Brad Reams	In Compliance
Applicant: Gary Stull 20100644	2012-03-09	Issued	Broad Creek Maintenance Dredging	Norfolk	Brad Reams	Moderate Compliance
Applicant: Norfolk, City of Comments: some over dredging occurred 20110448	2012-03-12	Issued	Woodrow Wilson Bridge Project/Jones Point Park Impr	Alexandria	Brad Reams	In Compliance
Applicant: Federal Highway Administration, et al 20081814	2012-03-12	Issued	Riprap	Fairfax County	Brad Reams	In Compliance
Applicant: Richard Swartwood 20082148	2012-03-12	Issued	10-Pile Mooring Dolphin Replacement	Prince William	Brad Reams	Not Constructed
Applicant: Gaslight Development, LLC 20071590	2012-03-20	Issued	Bulkhead	Norfolk	Brad Reams	Not Constructed
Applicant: Six M L.L.C. Comments: gate locked 3/7/12 20020173	2012-03-21	Issued	Floating Pier/Dredge/Mooring Dolphins	Norfolk	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
<b>Applicant:</b> Metro Machine Corp. <b>Comments:</b> called in request for permit extension until 04-23-2007 award delays from Navy						
20111355	2012-03-21	Issued	Marsh Sill/Beach Nourishment	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Howard Brown						
20111687	2012-03-21	Issued	Riprap	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Mary Trimble, et al						
20092088	2012-03-21	Issued	40' groin/156' Sill w/ 107 cubic yards bn	Gloucester	Brad Reams	In Compliance
<b>Applicant:</b> Daniel Mulville						
20090366	2012-03-21	Issued	68' replacement bulkhead	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Norview Marina						
20100669	2012-03-21	No Permit Nec	60' Pier extension/25' Riprap revet abv mlw	Mathews	Brad Reams	Not Constructed
<b>Applicant:</b> Jerry Reynolds						
20081971	2012-03-21	Issued	2 LP Groins/40'x15' os bnse/123' Pier	Mathews	Brad Reams	In Compliance
<b>Applicant:</b> Josephine Casale						
20090866	2012-03-21	Issued	Mooring Buoy 37-30-14, 76-18-32 add public ground	Mathews	Brad Reams	In Compliance
<b>Applicant:</b> Josephine Casale						
<b>Comments:</b> moved inshore during off season						
20100514	2012-03-21	No Permit Nec	480' riprap revetment abv mlw	Mathews	Brad Reams	In Compliance
<b>Applicant:</b> Joyce Jones						
20100456	2012-03-21	No Permit Nec	81' Bulkhead abv mlw	Mathews	Brad Reams	In Compliance
<b>Applicant:</b> William Stall						
<b>Comments:</b> 25' BH add on was not constructed.						
20082238	2012-03-22	Issued	Money Point Habitat Enhance (phase 1)	Chesapeake	Brad Reams	In Compliance
<b>Applicant:</b> Elizabeth River Project, The						
20110429	2012-03-22	Issued	Concrete Storage Pad	Norfolk	Brad Reams	Not Constructed
<b>Applicant:</b> Metro Machine Corporation						
<b>Comments:</b> now General Dynamics may not build under new ownership.						
20111198	2012-03-28	Issued	Breakwaters/Groin/Pier/Riprap	Westmoreland	Brad Reams	Not Constructed
<b>Applicant:</b> Ebb Tide Beach Community Center						
20101837	2012-03-28	Issued	Pier/Lift (George Stutz)	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> Colonial Beach, Town of						
20100431	2012-03-28	No Permit Nec	Riprap (Rebecca Marcus co-app)	Westmoreland	Brad Reams	Not Constructed
<b>Applicant:</b> John Burke, et al						
20100694	2012-03-28	No Permit Nec	Bulkhead	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> Lloyd Wright						
20100808	2012-03-28	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance

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Applicant: Thomas Forde 20101008	2012-03-28	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Ronald Vatalaro 20110204	2012-04-03	Issued	Dredge/Breakwater/Riprap (Port Isobel Shoreline Im	Accomack County	Hank Badger	In Compliance
Applicant: Chesapeake Bay Foundation, Inc. Comments: given to Hank for inspection 10-25-11						
20111641	2012-04-03	Issued	Groins/Pier/Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Peter Curral 20111694	2012-04-03	Issued	Jetty/Hex Boxes	Lancaster	Brad Reams	In Compliance
Applicant: Greenvale Creek Maintenance Association, Inc. 20101688	2012-04-03	No Permit Nec	125' Riprap	Lancaster	Brad Reams	In Compliance
Applicant: John Bersik, Jr. 20101726	2012-04-03	No Permit Nec	186' Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Frank Trigeiro 20100742	2012-04-03	No Permit Nec	118' vinyl Bulkhead amhw	Lancaster	Brad Reams	In Compliance
Applicant: Earl Kiloze 20100346	2012-04-03	Pending	60' Riprap to replace timber bulkhead/debris	Lancaster	Brad Reams	In Compliance
Applicant: Robert Corrie 20111785	2012-04-03	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: John Ashworth 20081746	2012-04-04	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: H Parrish 20090336	2012-04-04	Issued	Boathouse	Northumberland	Brad Reams	Not Constructed
Applicant: Philo Dibble 20100380	2012-04-04	No Permit Nec	Pier/2 PWC Lifts/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: John Higbee 20100209	2012-04-04	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Joseph Borger 20100510	2012-04-04	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Robert Decatur 20100234	2012-04-04	Issued	Bulkhead/5 Groins	Northumberland	Brad Reams	Moderate Compliance
Applicant: Bernard Wittkamp, Jr. Comments: no riprap scour prot.						
20100626	2012-04-04	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: William Noffsinger 20100614	2012-04-04	Issued	2 Groins	Northumberland	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: William Lynch						
20100303	2012-04-04	No Permit Nec	Pier/Covered Slip/Riprap	Northumbertland	Brad Reams	In Compliance
Applicant: Robert Nicholas						
20120016	2012-04-09	Issued	Dredge Osborne Landing Boat Basin/Bulkhead	Henrico	Juliette Giordano	In Compliance
Applicant: Dept of Game and Inland Fisheries						
Comments: post dredge survey						
20101805	2012-04-10	No Permit Nec	Riprap	Hampton	Brad Reams	In Compliance
Applicant: Ed Boyd						
Comments: planting begins this year up to 3 years to finish planting						
20111661	2012-04-11	Issued	Osprey Nesting Platform	Mathews	Brad Reams	In Compliance
Applicant: Matthew Jenkins						
20082046	2012-04-11	Issued	130' Riprap sill repair and construct revetment/BN	Middlesex	Brad Reams	In Compliance
Applicant: Donald Perry						
20110955	2012-04-11	Issued	Dock Extension	Middlesex	Brad Reams	In Compliance
Applicant: Fishing Bay Yacht Club						
20100412	2012-04-11	No Permit Nec	3 Breakwaters	Goucester	Brad Reams	Unable to Determine
Applicant: Hans Seywold						
20082258	2012-04-11	Issued	Riprap sill and revetment w/ bn	Goucester	Brad Reams	In Compliance
Applicant: Arch Marston						
20081906	2012-04-12	Issued	Boathouse/Lift/Pier @ 30 Lookout Lane	Mathews	Brad Reams	Unable to Determine
Applicant: B & M Properties						
Comments: gated driveway						
20110201	2012-04-17	Issued	Pier/Boathouse	Isle of Wight	Brad Reams	In Compliance
Applicant: Thomas Gunning						
20111795	2012-04-17	Issued	2 Floating Docks @ Navy Annex Compound	Norfolk	Brad Reams	Not Constructed
Applicant: Norfolk Public Schools						
20100966	2012-04-17	No Permit Nec	Bulkhead Repair	Portsmouth	Brad Reams	In Compliance
Applicant: Floyd Niece						
20090016	2012-04-17	Issued	Community Pier/Canoe/Kayak Launch	Suffolk	Brad Reams	In Compliance
Applicant: Bob White Landing Homeowner's Association, Inc.						
20100677	2012-04-17	No Permit Nec	Pier/Walkway/Decks @ 4th Bay Condos	Norfolk	Brad Reams	Not Constructed
Applicant: Pembroke Blvd., LLC						
20100722	2012-04-17	No Permit Nec	Ramp/Riprap(NPN)	Suffolk	Brad Reams	Not Constructed
Applicant: C Willis						
20100446	2012-04-17	No Permit Nec	Bulkhead Repair	Portsmouth	Brad Reams	In Compliance
Applicant: Keith Abernathy						

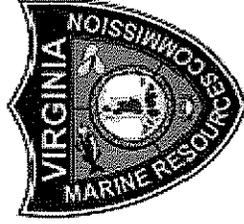
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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20082157	2012-04-17	Issued	Riprap	Norfolk	Brad Reams	In Compliance
Applicant: Phyllis Mihalas						
20100856	2012-04-18	Issued	Gron Repair (7264 Silver Beach Place)	Northampton	Brad Reams	Not Constructed
Applicant: Jack Sturgis, Sr.						
20111509	2012-04-18	Issued	Repair/Replace Deep Creek Dock	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20111510	2012-04-18	Issued	Repair/Replace Pier at Hammocks Landing	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20110543	2012-04-18	Issued	Ramp @ Gargatha Landing Road	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20100723	2012-04-18	No Permit Nec	Riprap (35202 Bluff Drive)	Accomack County	Brad Reams	In Compliance
Applicant: Roselle Harde						
20100366	2012-04-18	No Permit Nec	Bulkhead, 23934 Acorn Drive	Accomack County	Brad Reams	Unable to Determine
Applicant: John Dobson						
Comments: neighbors dog wouldn't allow it						
20100347	2012-04-18	No Permit Nec	Riprap, "Malen" Lot B, Silver Beach Area	Northampton	Brad Reams	In Compliance
Applicant: Susan Emerson						
20100376	2012-04-18	No Permit Nec	Bulkhead, 14296 Hungars Beach Road	Northampton	Brad Reams	In Compliance
Applicant: Charles Campbell						
20082002	2012-04-25	Issued	Dock & bulkhead replacements - portion on canal	Virginia Beach	Brad Reams	In Compliance
Applicant: Terry Spitzer						
Comments: first inspection 11/18/09 in compliance but bulkhead sustained damaged during November nor'easter. reinspected 1/27/10 and repairs had not been completed. completed in 2011						
20091029	2012-04-25	Issued	riprap above mlw; bulkhead jurisdictional	Virginia Beach	Brad Reams	In Compliance
Applicant: Frank Batten						
20111207	2012-04-25	Issued	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant: James Beasley, Jr.						
Comments: pier/wharf replaced in same foot print also						
20111685	2012-04-25	Issued	Floating Pier	Virginia Beach	Brad Reams	In Compliance
Applicant: Ronald Capps						
20082035	2012-04-25	Issued	Bulkhead replacement / wharf. & uncovered lift	Virginia Beach	Brad Reams	In Compliance
Applicant: Constance Bowen						
20101624	2012-04-25	No Permit Nec	Pier/Riprap along manmade canal	Virginia Beach	Brad Reams	In Compliance
Applicant: Albert Leyndecker, III						
20100026	2012-04-25	No Permit Nec	Bulkhead/Pier/Ramp - manmade canal	Virginia Beach	Brad Reams	In Compliance
Applicant: Maynard Lichty						
20110028	2012-04-26	Issued	Bulkhead/Dredge	Northumberland	Brad Reams	Not Constructed

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<b>Applicant:</b> Zapata Haynie Corp., et al						
<b>Comments:</b> 12x150 pier not constructed & 3 of 7 dolphins installed.						
2011161	2012-04-26	Issued	Riprap	Northumberland	Brad Reams	Not Constructed
<b>Applicant:</b> Westbay Homeowner's Association						
20111680	2012-04-26	Issued	Bulkhead/Excavate/Riprap	Northumberland	Brad Reams	In Compliance
<b>Applicant:</b> Menhaden Fisheries, Inc., et al						
20111540	2012-04-26	Issued	Bulkhead	Northumberland	Brad Reams	In Compliance
<b>Applicant:</b> Rutledge Group LLC, The						
20111790	2012-04-26	Issued	Bulkhead/Concrete Ramp	Northumberland	Brad Reams	In Compliance
<b>Applicant:</b> River's Bend Homeowner's Association						
20101828	2012-04-26	Issued	Bulkhead (Menhaden Fisheries, Inc.)	Northumberland	Brad Reams	In Compliance
<b>Applicant:</b> Omega Protein						
20101421	2012-05-01	Issued	Breakwaters/Beach Nourishment	King George	Brad Reams	In Compliance
<b>Applicant:</b> Vincent Radley						
<b>Comments:</b> nourishment and plantings remain.						
20110486	2012-05-01	Issued	Pier/3 Groins/Riprap	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> William Doyle, Jr., et al						
<b>Comments:</b> co-app Hail RipRap not constructed						
20090800	2012-05-01	Issued	3 Breakwaters/Hex Boxes	King George	Brad Reams	Not Constructed
<b>Applicant:</b> Bob Bouvier						
20091538	2012-05-01	Issued	Pier	King George	Brad Reams	In Compliance
<b>Applicant:</b> Charles R. Graham Trust						
<b>Comments:</b> osprey pole not a mooring pile constructed.						
20110080	2012-05-01	Issued	Breakwater/Groin/Pier/Riprap	King George	Brad Reams	In Compliance
<b>Applicant:</b> Michael Turner						
20100601	2012-05-03	No Permit Nec	Outfall & splash apron - landward of mtw	Virginia Beach	Justin Worrell	In Compliance
<b>Applicant:</b> Navy, Department of						
20082128	2012-05-09	Issued	Pier/185' Riprap revetment	Gloucester	Brad Reams	In Compliance
<b>Applicant:</b> John Mattson						
20111563	2012-05-09	Issued	Riprap	Newport News	Brad Reams	In Compliance
<b>Applicant:</b> Mariner's Museum, The						
20100990	2012-05-09	No Permit Nec	Living Shoreline	York	Brad Reams	Not Constructed
<b>Applicant:</b> Kuen Lam						
20101646	2012-05-09	No Permit Nec	Riprap	York	Brad Reams	In Compliance
<b>Applicant:</b> Billy Clack						
20090494	2012-05-09	Issued	Bulkhead	Poquoson	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Anthony Wedge 20090320	2012-05-09	Issued	Bridge Repair @ Tide Mill & Newmarket Creeks	Hampton	Brad Reams	In Compliance
Applicant: Hampton, City of 20111564	2012-05-09	Issued	Riprap	Newport News	Brad Reams	In Compliance
Applicant: John Horgan 20111565	2012-05-09	Issued	Riprap	Newport News	Brad Reams	In Compliance
Applicant: Paul Montgomery 20111566	2012-05-09	Issued	Riprap	Newport News	Brad Reams	In Compliance
Applicant: Christopher Wilson 20100069	2012-05-16	No Permit Nec	add riprap to existing revetment above mlw	Mathews	Brad Reams	In Compliance
Applicant: Mary Coster 20100150	2012-05-16	Pending	160' Riprap revetment abv mlw	Mathews	Brad Reams	In Compliance
Applicant: John Kloke 20110139	2012-05-30	Issued	Osborne Park Canoe Launch	Henrico	Brad Reams	In Compliance
Applicant: Henrico County Division of Recreation & Parks 20111834	2012-05-30	Issued	Warning Buoys @ Lake Kilby/Lake Meade Reservoirs	Suffolk	Brad Reams	In Compliance
Applicant: Portsmouth Public Utilities 20090318	2012-05-30	Issued	Riprap @ Chippokes Plantation State Park	Surry	Brad Reams	In Compliance
Applicant: Conservation and Recreation, Department of 20111384	2012-05-30	Denied	ATF Post Installation (Fence)	Hampton	Mike Johnson	In Compliance
Applicant: Sebastian Plucinski Comments: Poles were removed as ordered by the Commission. 20111406	2012-05-31	Issued	Bulkhead	James City	Brad Reams	In Compliance
Applicant: Don Alexander 20111407	2012-05-31	Issued	Bulkhead	James City	Brad Reams	In Compliance
Applicant: Garland Gray 20111562	2012-05-31	Issued	Lift/Finger Pier	York	Brad Reams	Moderate Compliance
Applicant: Jerry Hill Comments: Boathouse 860sqft not 800 20111631	2012-05-31	Issued	Riprap Sill	York	Brad Reams	In Compliance
Applicant: John Lee 20120210	2012-05-31	Issued	Bulkhead	James City	Brad Reams	In Compliance
Applicant: Pete Fowler 20110421	2012-06-07	Issued	Riprap Repairs @ Joint Expeditionary Base Fort St	Virginia Beach	Brad Reams	In Compliance
Applicant: Navy, Department of 20111868	2012-06-07	Issued	Lift/Pier/Ramp/Riprap	Virginia Beach	Brad Reams	Not Constructed

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: William Cotten, IV						
20110036	2012-06-13	Issued	Bulkhead/6 Groins/Riprap	Westmoreland	Brad Reams	Not Constructed
Applicant: Frederic Ludwig						
20100976	2012-06-13	Issued	Mooring Buoy	Richmond County	Brad Reams	In Compliance
Applicant: George Woolley						
20111139	2012-06-13	Issued	Pier/Moorings	Richmond County	Brad Reams	In Compliance
Applicant: Charles Meitzgar						
20111848	2012-06-13	Issued	Marina Repair	James City	Juliette Giordano	Moderate Compliance
Applicant: Greater First Colony Civic Assoc.						
Comments: 221 sqft measured not 203 permitted						
20081207	2012-06-13	Issued	Concrete Ramp	Westmoreland	Brad Reams	Not Constructed
Applicant: Lloyd Curley, Jr.						
Comments: abandoned project						
20082154	2012-06-13	Issued	Riprap @ 4000 McKinney Blvd	Westmoreland	Brad Reams	Not Constructed
Applicant: Lloyd Taylor						
20090373	2012-06-13	Issued	Osprey Pole	Westmoreland	Brad Reams	In Compliance
Applicant: Richard Allison, Jr.						
20091234	2012-06-13	Issued	2 Moorings	Westmoreland	Brad Reams	In Compliance
Applicant: Lloyd Curley, Jr.						
20081114	2012-06-14	Issued	120' riprap along bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: William Cosby						
20111013	2012-06-14	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Christopher Rouzie						
20120080	2012-06-14	Issued	Pier/2 Lifts/Kayak Platform	Middlesex	Brad Reams	In Compliance
Applicant: David A. Trebour Irrevocable Trust						
20090506	2012-06-14	Issued	60' Coir Log Sill/7 cyrds bn w/ wetland planting	Middlesex	Brad Reams	In Compliance
Applicant: Ray Terry						
Comments: coir logs floated away						
20090131	2012-06-14	Issued	Drainage Pond Outfall (Nature Conservancy co-app)	Mathews	Brad Reams	In Compliance
Applicant: Nature Conservancy, The, et al						
20120416	2012-06-14	Issued	Pier/Fish Cleaning Station	Accomack County	Hank Badger	Moderate Compliance
Applicant: Eastern Shore Yacht & Country Club						
Comments: 7x12 roof on fish cleaning station						
20090529	2012-06-14	Issued	private pier and lift/142' Riprap Revetment	Gloucester	Brad Reams	In Compliance
Applicant: Charles Giannotti, Jr.						
20090400	2012-06-14	Issued	rebuild 2 40' Groins w/ riprap along each side	Middlesex	Brad Reams	In Compliance

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: John Stidman						
20110134	2012-06-14	Issued	Community Pier	Virginia Beach	Justin Worrell	In Compliance
Applicant: Stephen Laukaitis, et al						
Comments: post-dredge survey in compliance						
20111483	2012-06-20	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Slingray Harbor LLC						
20111722	2012-06-20	Issued	Dredge/Pier	Middlesex	Brad Reams	Moderate Compliance
Applicant: Norton's Yacht Sales						
Comments: FP measured 6' wide not 4' wide x 45'						
20090340	2012-06-20	Issued	Replacement Bulkhead (155) Groins 2 -24'	Middlesex	Brad Reams	In Compliance
Applicant: Doris Brown						
20090608	2012-06-20	Issued	Riprap revetment above mlw/riprap sill subaqueous	Middlesex	Brad Reams	In Compliance
Applicant: James Hall						
20090651	2012-06-20	Issued	112 feet of replacement timber bulkhead	Mathews	Brad Reams	In Compliance
Applicant: Ronald Duff						
20080558	2012-06-20	Issued	Private mooring	Mathews	Brad Reams	In Compliance
Applicant: Richard Williams						
20081246	2012-06-21	Issued	ATF Bulkhead/Groin/Riprap (Breakwater/Pier/Groin)	Accomack County	Brad Reams	In Compliance
Applicant: Tall Pines Harbor Campground						
20120451	2012-06-21	Issued	Riprap	Accomack County	Brad Reams	In Compliance
Applicant: Vernon Brinkley						
20111196	2012-06-21	Issued	Bulkhead/Pier	Accomack County	Brad Reams	In Compliance
Applicant: Mary Anne Berberich						
20120187	2012-06-21	Issued	Commercial Aquaculture	Northampton	Brad Reams	In Compliance
Applicant: Bowen and Bowen Clams						
20100917	2012-06-21	Issued	Floating Dock	Prince William	Juliette Giordano	In Compliance
Applicant: Neabco Landing L.C.						
20100206	2012-06-21	Issued	Bulkhead Repair/Riprap (24079 Little Mimosa Dr.)	Accomack County	Brad Reams	In Compliance
Applicant: Vernon Brinkley						
20031086	2012-06-27	Issued	Bulkhead/Piers/Lift(Jones Creek, LLC)	Isle of Wight	Brad Reams	Out of Compliance
Applicant: C Lawrence, Jr.						
Comments: completed 5/20/12						
20090544	2012-06-27	Issued	Bulkhead/Riprap/Pier (Kishore Rao co-app)	Poquoson	Brad Reams	In Compliance
Applicant: Chao Lee, et al						
20120219	2012-06-27	Issued	Mooring Buoy	Accomack County	Brad Reams	In Compliance
Applicant: David Fick						

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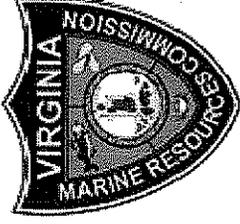
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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20102004	2012-06-27	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Steven Cabik						
20090132	2012-06-28	Issued	340' Riprap/40' x 10' Ramp, armor groin, 55 cy bn	Lancaster	Brad Reams	In Compliance
Applicant: Richard Wineland						
20090452	2012-06-28	Issued	Riprap/Ramp/Groins/Pier/bn	Gloucester	Brad Reams	In Compliance
Applicant: William Royall						
20090572	2012-06-28	Issued	384' Riprap MT Sill	Gloucester	Brad Reams	In Compliance
Applicant: George Grattan						
20111863	2012-06-28	Issued	Riprap	Lancaster	Brad Reams	Moderate Compliance
Applicant: Jeffrey Haynes						
20120176	2012-06-28	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Robert Lee						
20101844	2012-06-28	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Kenneth McKim						
20101689	2012-06-28	No Permit Nec	71' Riprap	Lancaster	Brad Reams	Unable to Determine
Applicant: Hurst Harvey Oil, Inc.						
Comments: gate locked						
20111051	2012-07-11	Issued	Bennets Creek Park Fishing Pier	Suffolk	Ben Stagg	In Compliance
Applicant: Suffolk Department of Parks and Recreation						
Comments: will finish phase 2 spring 2012						
20101258	2012-07-11	Issued	Bells Mill Road Bridge Replacement	Chesapeake	Brad Reams	In Compliance
Applicant: Chesapeake Public Works						
20090432	2012-07-11	Issued	St. Brides Bridge Replacement	Chesapeake	Brad Reams	In Compliance
Applicant: Chesapeake, City of						
20120083	2012-07-11	Issued	Riprap Repair	Chesapeake	Brad Reams	In Compliance
Applicant: Lillei Farm, Inc.						
20120346	2012-07-11	Issued	Temporary Floating Pier for Riverfest	Norfolk	Brad Reams	In Compliance
Applicant: Elizabeth River Project, The						
Comments: temp pier removed						
20120258	2012-07-11	Issued	Riprap	Norfolk	Brad Reams	In Compliance
Applicant: 139 Riverview LLC						
20081664	2012-07-11	Issued	Salt Marsh Restoration	Norfolk	Brad Reams	Not Constructed
Applicant: John Martin						
Comments: sent exp. letter and returned to sender. Asking for extension.						
20090765	2012-07-11	Issued	Community Pier&kayak/cance launch	Suffolk	Brad Reams	In Compliance
Applicant: Suffolk Department of Parks and Recreation						

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20101834	2012-07-12	Issued	2 Groins	Northumberland	Brad Reams	In Compliance
Applicant: Highland Timber, LLC						
Comments: VGP2						
20110563	2012-07-12	Issued	Bulkhead/Pier Expansion	Northumberland	Brad Reams	In Compliance
Applicant: Ronald Bevans						
Comments: bulkhead complete but the wharf is not completed						
20101855	2012-07-12	No Permit Nec	Pier/Lift/Riprap	Northumberland	Brad Reams	Not Constructed
Applicant: Stephen Tevault						
20101896	2012-07-12	No Permit Nec	Bulkhead	Northumberland	Brad Reams	Not Constructed
Applicant: Alice Swift						
20101827	2012-07-12	No Permit Nec	Bulkhead/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Charles Gillmer						
20101985	2012-07-12	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: John Litter						
20101862	2012-07-12	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Robert Ginnings						
20101873	2012-07-12	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Jon Wergin, et al						
20101820	2012-07-12	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Richard Wiley						
20120026	2012-07-30	Issued	Bridge Repair @ Prince William Forest Park	Prince William	Juliette Giordano	
Applicant: Federal Highway Administration						
Comments: temporary structures in place Juliette will call to check on status.						
20100059	2012-08-02	Issued	Pier Extension/Lift	Essex	Brad Reams	In Compliance
Applicant: Jonathan Mize						
20120021	2012-08-02	Issued	4 Groins/Pier/Ramp	King and Queen	Brad Reams	
Applicant: Tucker's Boat Rental & Storage, LLC						
20110329	2012-08-02	Issued	Pier	New Kent	Brad Reams	In Compliance
Applicant: Charlotte Woodall						
20090625	2012-08-02	Issued	Pier/Boathouse/Lift	James City	Brad Reams	In Compliance
Applicant: Ray Lee						
20110533	2012-08-02	Issued	Pier/Lift	Essex	Brad Reams	Out of Compliance
Applicant: Grant Ancarrow						
Comments: stairs, 20x20 upstairs room, 2 overlooks not permitted.						
20101434	2012-08-02	No Permit Nec	Riprap	Essex	Brad Reams	Moderate Compliance
Applicant: J Walker, et ux						

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<b>Comments:</b> revetment contours look like what was originally submitted than the revised drawings.						
20101012	2012-08-09	Issued	Bulkhead/Dolphin/Riprap Repairs	Chesapeake	Brad Reams	In Compliance
<b>Applicant:</b> Chesapeake Tug Company						
<b>Comments:</b> 6 dolphins replaced & 3 access piers						
20110812	2012-08-09	Issued	Bulkhead/Groin/Dolphins/Access Piers/	Chesapeake	Brad Reams	Not Constructed
<b>Applicant:</b> Chesapeake Tug Company						
<b>Comments:</b> gangway ramp not constructed. Bulkhead&groin finished.						
20090551	2012-08-10	Issued	Bulkhead/Riprap	Norfolk	Brad Reams	Not Constructed
<b>Applicant:</b> Elizabeth Trinder						
<b>Comments:</b> riprap only constructed						
20120652	2012-08-10	Issued	Pier Repair	Hampton	Brad Reams	In Compliance
<b>Applicant:</b> Georgetown Condominium Assoc.						
20090451	2012-08-15	Issued	Pier/Lift/Riprap	Gloucester	Brad Reams	In Compliance
<b>Applicant:</b> Rich Yamamoto						
20111074	2012-08-15	Issued	Mooring Ball/2 Groins	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Randy Kohr						
20120500	2012-08-15	Issued	Floating Platform	Gloucester	Brad Reams	In Compliance
<b>Applicant:</b> Ware River Yacht Club						
20090905	2012-08-15	Issued	180' Riprap Revetment along bulkhead	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> Don Finley						
20120308	2012-08-15	Issued	Riprap Jetty/Revetment Expansion	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> David Rennolds						
20100898	2012-08-15	Issued	4 replacement vinyl lp groins	Middlesex	Brad Reams	In Compliance
<b>Applicant:</b> James Covington						
20081281	2012-08-15	Issued	Private nonriparian mooring	Middlesex	Brad Reams	Not Constructed
<b>Applicant:</b> Carl Salera						
20120465	2012-08-20	Issued	Bulkhead	Accomack County	Hank Badger	In Compliance
<b>Applicant:</b> Kathleen Stuart						
20051746	2012-08-21	Issued	Temporary Test Steam Facility	Newport News	Brad Reams	In Compliance
<b>Applicant:</b> Northrop Grumman Newport News						
<b>Comments:</b> 8-21-12 spoke with Mark Hillike and he said it was removed the near the end of 2010						
20100987	2012-08-23	Issued	Pier @ 2004 Beach Ave, Lot 6	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> Colonial Beach, Town of						
20111412	2012-08-23	Issued	Pier (Doug Gaasterland)	Westmoreland	Brad Reams	In Compliance
<b>Applicant:</b> Colonial Beach, Town of						
20120342	2012-08-23	Issued	Gazebo	Isle of Wight	Brad Reams	In Compliance

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Applicant: William Peterson 20101176	2012-08-23	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Melva Willis 20101341	2012-08-23	No Permit Nec	Bulkhead Repair	Northumberland	Brad Reams	In Compliance
Applicant: Randy Harding 20100985	2012-08-23	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: David Leekoff 20090558	2012-08-24	Issued	Westmoreland Stae Park Shoreline Stabilization	Westmoreland	Brad Reams	In Compliance
Applicant: Conservation and Recreation, Department of 20020990	2012-08-29	Issued	Community Pier	Northumberland	Brad Reams	Not Constructed
Applicant: Lee Dale Shores Property Owners Assoc. 20120302	2012-08-29	Issued	Commercial Aquaculture	Northumberland	Brad Reams	In Compliance
Applicant: Cowart Seafood Corporation 20111047	2012-08-29	Issued	Rock Sill/Beach Nourishment	Northumberland	Brad Reams	In Compliance
Applicant: Martin Chamberlain 20111396	2012-08-29	Issued	Riprap	Northumberland	Brad Reams	Not Constructed
Applicant: Cowart Seafood Corp. 20100986	2012-08-29	Pending	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Philip Thorne 20101111	2012-08-29	Issued	3 Groins	Northumberland	Brad Reams	In Compliance
Applicant: Samantha Futrell Comments: 1 of 3 groins constructed 20101672	2012-08-29	No Permit Nec	Riprap/Jetty	Northumberland	Brad Reams	In Compliance
Applicant: Reginald Ray 20101401	2012-08-29	No Permit Nec	Bulkhead/Pier	Northumberland	Brad Reams	In Compliance
Applicant: Michael Bishop 20101690	2012-08-29	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Taskmaker Creek, L.L.C. 20090535	2012-09-05	Issued	Bulkhead - manmade basin; Riprap - juris.	Virginia Beach	Brad Reams	In Compliance
Applicant: Five 2 Peers Comments: need code for gate/ bad phone #. hopped over fence 20111278	2012-09-05	Issued	Pier/Ramp/Riprap/Lift/PWC Lift	Virginia Beach	Brad Reams	In Compliance
Applicant: Surf Quest, LC 20090500	2012-09-05	Issued	exempt pier; riprap - jurisdictional	Virginia Beach	Brad Reams	In Compliance
Applicant: Tim Spillane 20120844	2012-09-05	Issued	Bulkhead	Virginia Beach	Justin Worrell	In Compliance

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Applicant: John Mumford						
Comments: bulkhead and floating dock in compliance						
20111817	2012-09-05	issued	Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Stephen Snyder						
20101924	2012-09-05	No Permit Nec	Lift/Riprap	Virginia Beach	Brad Reams	Moderate Compliance
Applicant: Richard Lewis						
Comments: didn't dispose of all existing rubble						
20101541	2012-09-05	No Permit Nec	Pedestrian & Vehicular Bridges - nonjur. Waterway	Virginia Beach	Brad Reams	In Compliance
Applicant: Ocean Breeze Festival Park						
Comments: able to inspect vehicle bridge only						
20101887	2012-09-05	No Permit Nec	Bulkhead/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Mark Batzel, et al						
20101831	2012-09-05	No Permit Nec	Excavate/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Robert Shelburne						
20101286	2012-09-05	No Permit Nec	185' Riprap/pier/ramp/700 sf boathouse	Chesapeake	Brad Reams	In Compliance
Applicant: Bobby Shaker						
Comments: used pavers instead of geoweb						
20101793	2012-09-05	No Permit Nec	Pier/Riprap	Virginia Beach	Brad Reams	Not Constructed
Applicant: Gail Hilder						
20101246	2012-09-05	No Permit Nec	Pier/Riprap in non-juris. Lake	Virginia Beach	Brad Reams	In Compliance
Applicant: Lawrence Brofft						
Comments: approved as proposed? non-tidal wetlands lake						
20090533	2012-09-11	Issued	Breakwaters (North of the YMCA Camp Silver Beach)	Northampton	Brad Reams	In Compliance
Applicant: Ruth Cassidy						
20110738	2012-09-11	Issued	Ramp/Riprap @ Young's Creek Landing	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20111349	2012-09-11	Issued	Kayak Platform	Accomack County	Brad Reams	In Compliance
Applicant: Wise Point Association						
20100900	2012-09-11	Issued	Bulkhead/Pier/ Gazebo (7470 Prettyman Circle)	Northampton	Brad Reams	In Compliance
Applicant: April Daniels						
20101946	2012-09-11	No Permit Nec	Bulkhead/Riprap	Northampton	Brad Reams	In Compliance
Applicant: Bruce Jones						
20100370	2012-09-12	No Permit Nec	revetment/riprap sill/nourishment abv mtw	Gloucester	Brad Reams	In Compliance
Applicant: Robert Tolson						
20111518	2012-09-13	Issued	Riprap Repair	Charles City	Brad Reams	In Compliance
Applicant: Lawrence Gray						

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20101803	2012-09-13	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant: Docksides Condominium Owner's Association, Inc.						
20100403	2012-09-14	No Permit Nec	192' riprap revetment abv mhw	Gloucester	Brad Reams	In Compliance
Applicant: Chester Brown						
20090777	2012-09-18	Issued	private boat ramp w/ jetties on each side	Mathews	Brad Reams	In Compliance
Applicant: Edwin Smith						
20110479	2012-09-18	Issued	Bulkhead/Replace Pier Pilings	Mathews	Brad Reams	In Compliance
Applicant: Edward Inge						
20120437	2012-09-18	Issued	Pier	Mathews	Brad Reams	In Compliance
Applicant: Hudgins Point Estates Condominium Owners Assoc.						
20111803	2012-09-18	Issued	Community Pier/Ramp	Middlesex	Brad Reams	In Compliance
Applicant: Middlesex, County of						
20110679	2012-09-18	Issued	Bulkhead/Pier/Lift	Middlesex	Brad Reams	Not Constructed
Applicant: Edward Powell						
20091199	2012-09-18	Issued	Pier Repair/Lift/Marsh Sill w/ bn	Middlesex	Jay Woodward	Not Constructed
Applicant: Christopher Friedl						
20091161	2012-09-18	Issued	Pier/Bulkhead/boatramp/riprap	Middlesex	Brad Reams	In Compliance
Applicant: William Brown, III						
20110381	2012-09-18	Issued	Pier	Mathews	Brad Reams	Not Constructed
Applicant: Charlotte Ransone						
20120040	2012-09-18	Issued	Beach Nourishment/2 Groins/Riprap	Mathews	Brad Reams	In Compliance
Applicant: Susan Hakala						
20090881	2012-09-18	Issued	Finger Pier/uncovered lift (Paul Weissend)	Mathews	Brad Reams	In Compliance
Applicant: Cobbs Shores Dock Association, et al						
20090935	2012-09-18	Issued	100' replacement bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: F Hall						
20080718	2012-09-19	Issued	Pier	King and Queen	Brad Reams	Not Constructed
Applicant: Charlie Carter						
20110919	2012-09-20	Issued	Pier	Stafford	Juliette Giordano	In Compliance
Applicant: Paul Scott						
20101715	2012-09-20	No Permit Nec	Riprap	Stafford	Juliette Giordano	In Compliance
Applicant: Ben Allen						
20101407	2012-09-20	No Permit Nec	Boardwalk/Riprap	Stafford	Juliette Giordano	In Compliance
Applicant: Vaughn Lewis						
20120619	2012-09-26	Issued	Pier/Lift/Covered Boathouse	Poquoson	Brad Reams	In Compliance
Applicant: Poquoson Volunteer Fire Department						

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20100954	2012-09-26	No Permit Nec	pier, riprap, marsh toe sill - manmade canal	Virginia Beach	Brad Reams	Not Constructed
Applicant: Sonia Suys						
20101635	2012-09-26	No Permit Nec	Pier/Boathouse/Bulkhead/Dredging	Virginia Beach	Brad Reams	Unable to Determine
Applicant: Walter Westhoff						
Comments: gate locked nobody home						
20101345	2012-09-26	No Permit Nec	Piers/Riprap/Dredge (Mike Gross co-app)	Virginia Beach	Brad Reams	In Compliance
Applicant: John Venner, et al						
20101987	2012-09-26	No Permit Nec	Bulkhead/Pier	Virginia Beach	Brad Reams	Not Constructed
Applicant: Jeff Gidley						
20101342	2012-09-26	No Permit Nec	repair existing pier and bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant: Nancy Minton						
20100049	2012-09-26	No Permit Nec	Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Michael Newsome						
20082240	2012-09-26	issued	riprap landward miw, pier expansion - juris.	Virginia Beach	Brad Reams	In Compliance
Applicant: Byron Work						
20120208	2012-09-26	issued	Bulkhead	Poquoson	Brad Reams	In Compliance
Applicant: John Davis						
20101265	2012-09-26	No Permit Nec	Bulkhead/Pier/Riprap	Virginia Beach	Brad Reams	Not Constructed
Applicant: David Gilbert						
20100888	2012-09-28	No Permit Nec	Pier/Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Henry Padgett						