VIRGINIA MARINE RESOURCES COMMISSION

Permit Compliance
And
Inspection Program

Final Report
CZM Grant # NA10NOS419 Task# 6
November 2011

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 it's subagencies.

Virginia Coastal Zone
MANAGEMENT PROGRAM

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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.

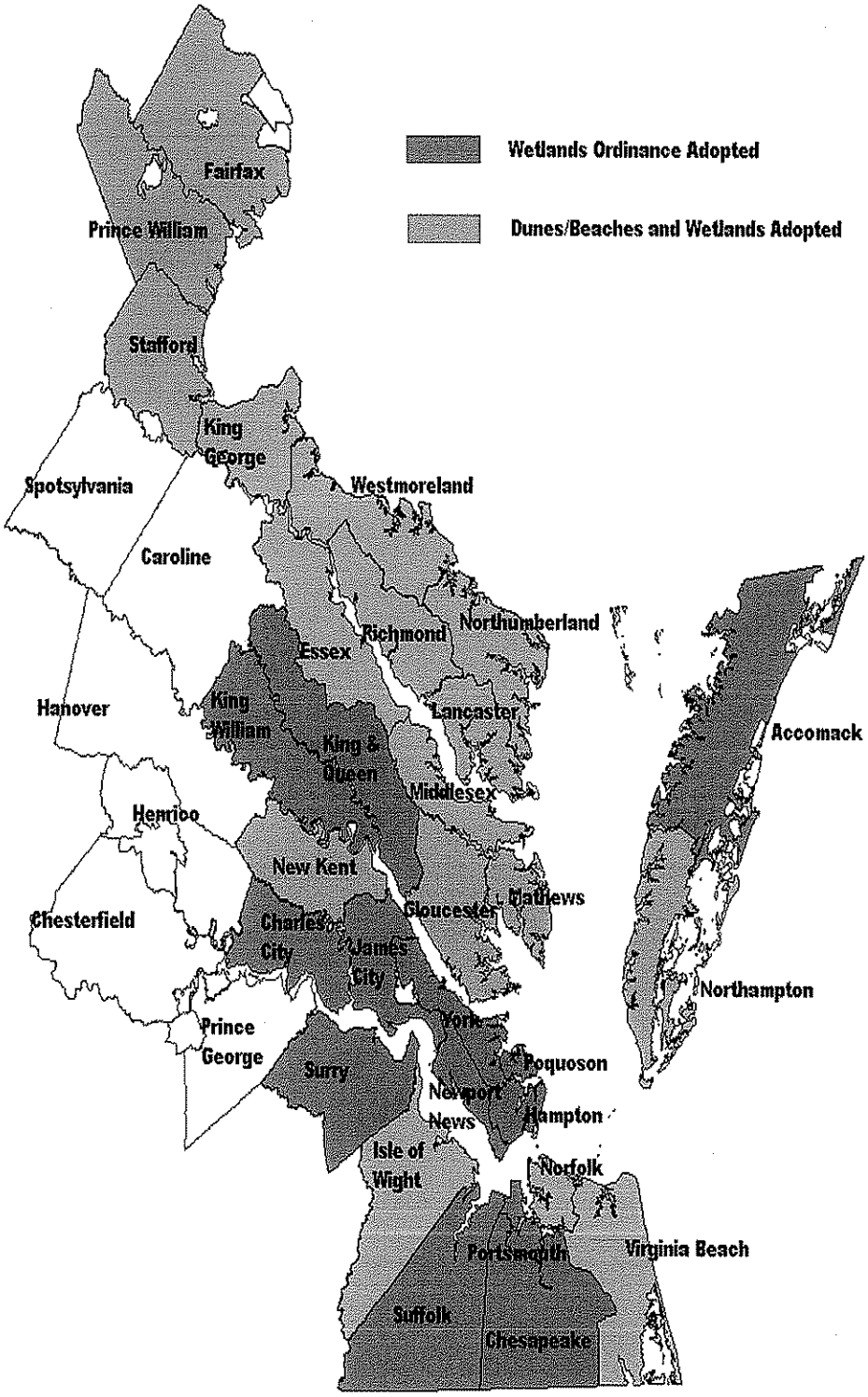


Figure 1. Tidewater Virginia Localities

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 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 1991 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 2009. The latter was designed as a follow up to the previous compliance inspections conducted for projects permitted from 1989 through 2008.

This document is intended to serve as the final report for Task 6 of Grant No. NA10NOS419 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 again revised in 2008. 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 418 compliance inspections were conducted by VMRC Habitat Management Division Staff. This involved 288 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 2009 in order to gauge compliance with wetland board permits and to add the data to that collected for projects permitted from 1989 through 2008.

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 91% of the projects were found to be in compliance, only 3 of the projects were found to be out of compliance. The remainder were either in moderate compliance (5%), or were not constructed. Although compliance could not be determined for 2% 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 2009 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.

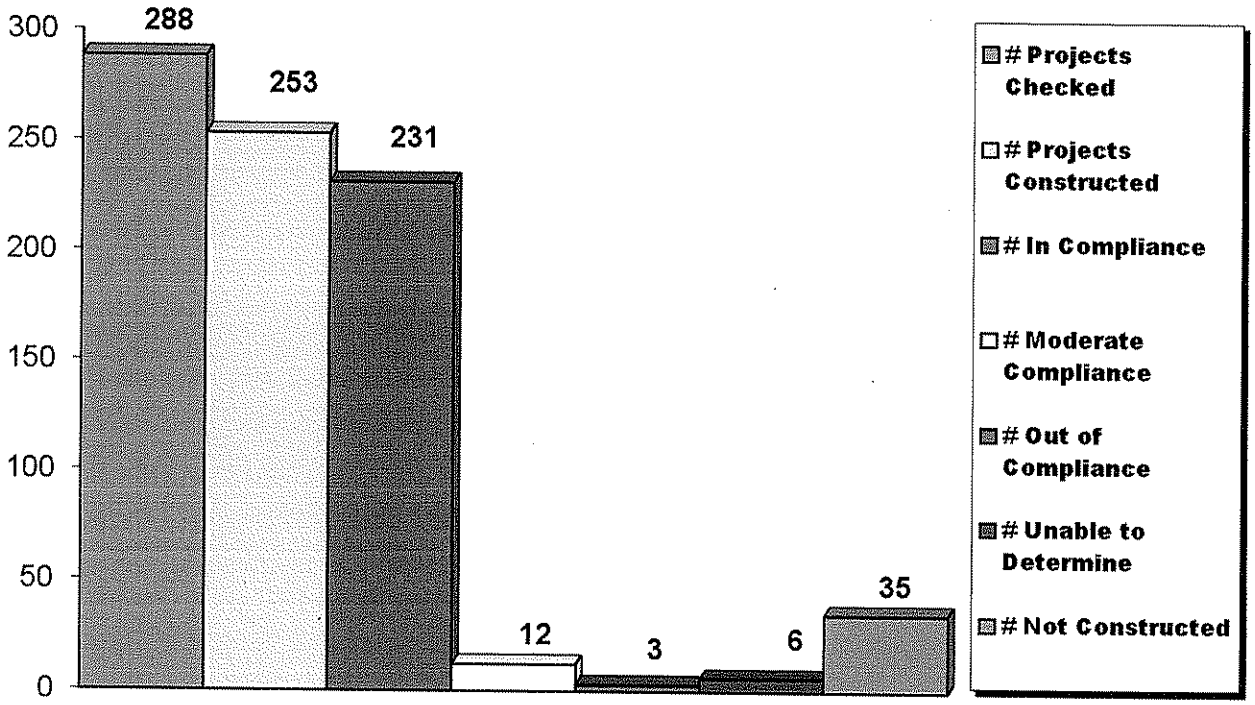
At the local level, staffing and financial constraints continue to deter many wetland boards from implementing a formal wetlands compliance program. Table 3 provides an overview of compliance monitoring programs by locality. This table is based on a VMRC staff evaluation of local programs rather than 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, 2010 through September 30, 2011



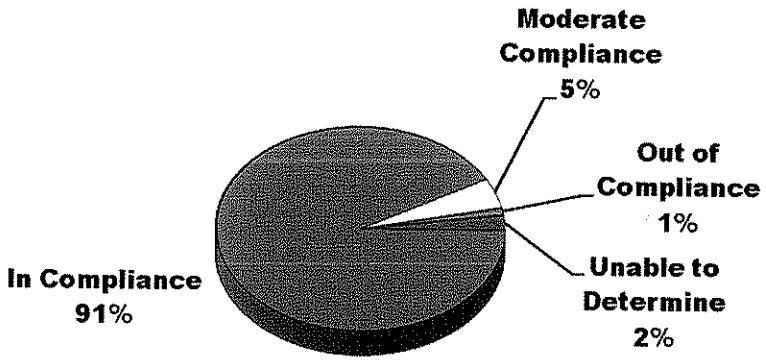
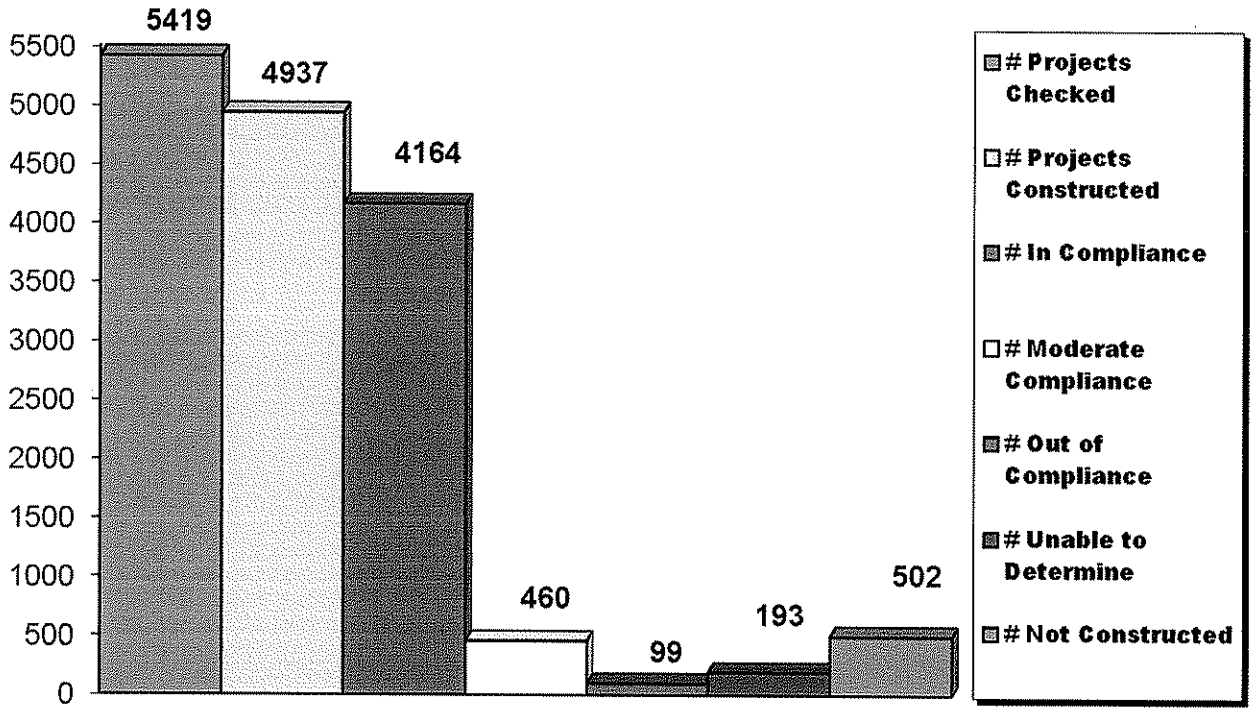


Figure 2 – Inspections of VMRC permits for the Grant year following notification of project commencement or permit expiration

All VMRC Permits



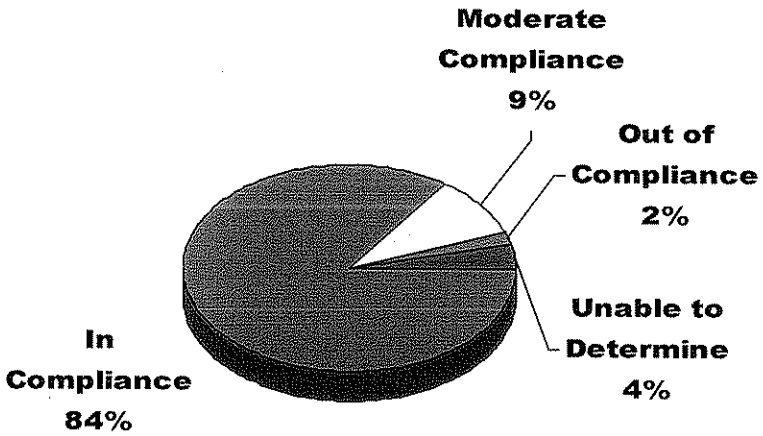
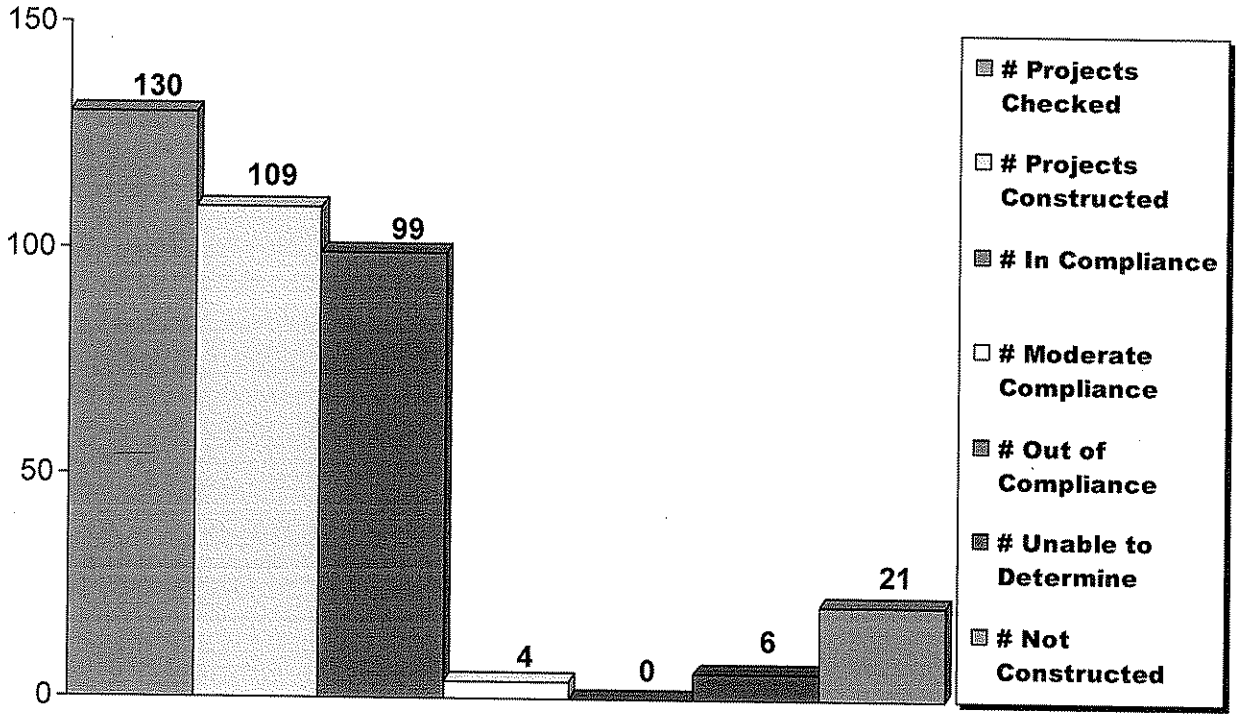


Figure 3 – Inspections since 1993 of all VMRC permits following notification that projects have commenced, or have reached permit expiration.

2009 Inspections



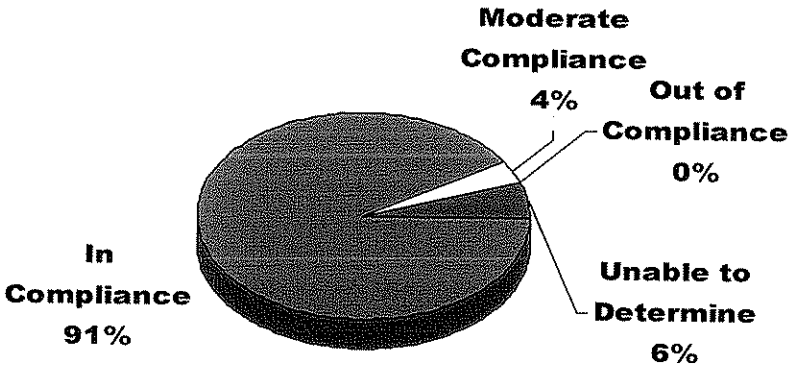
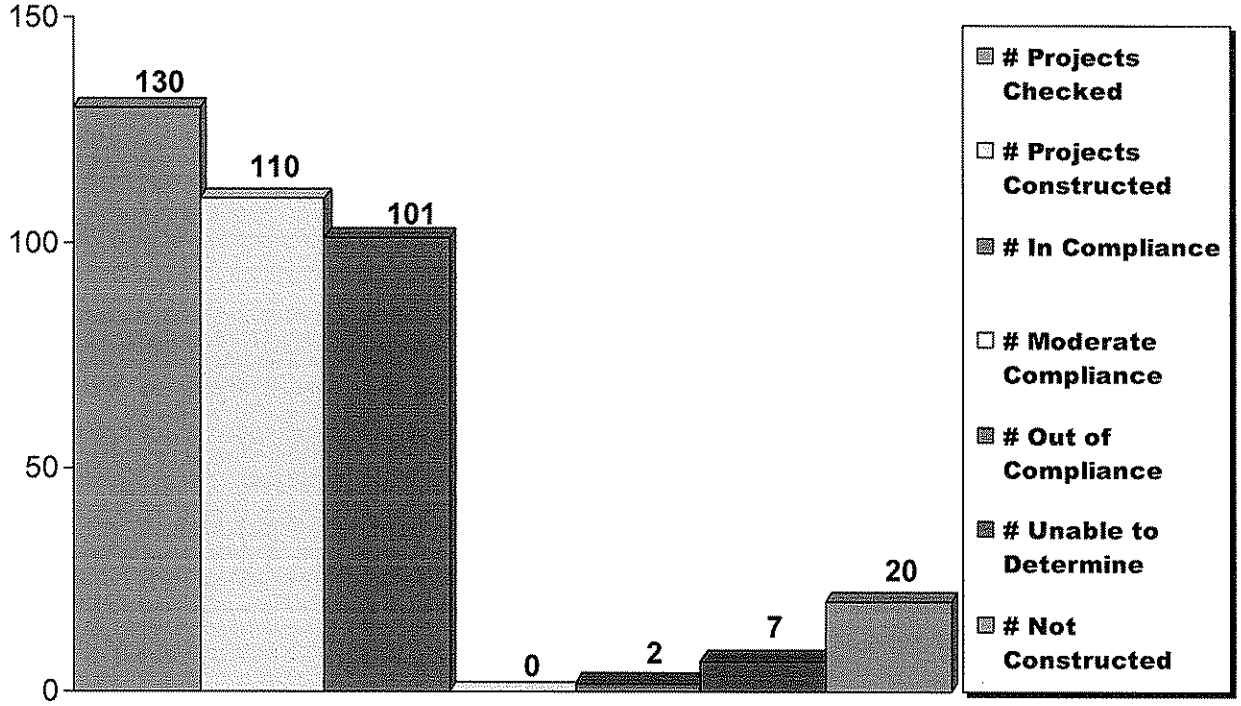


Figure 4 – Inspections for randomly selected wetland permits issued in 2009.

2008 Inspections



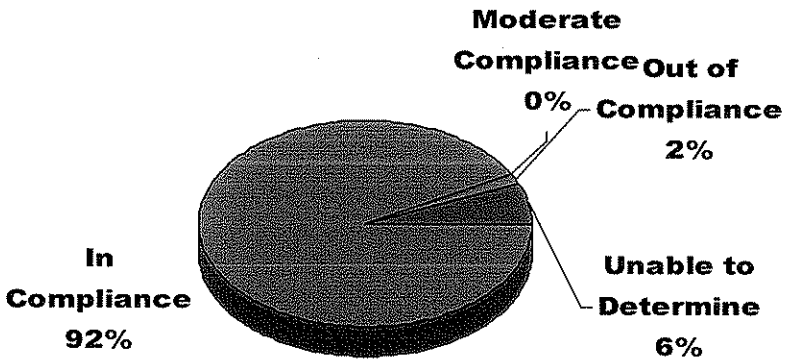
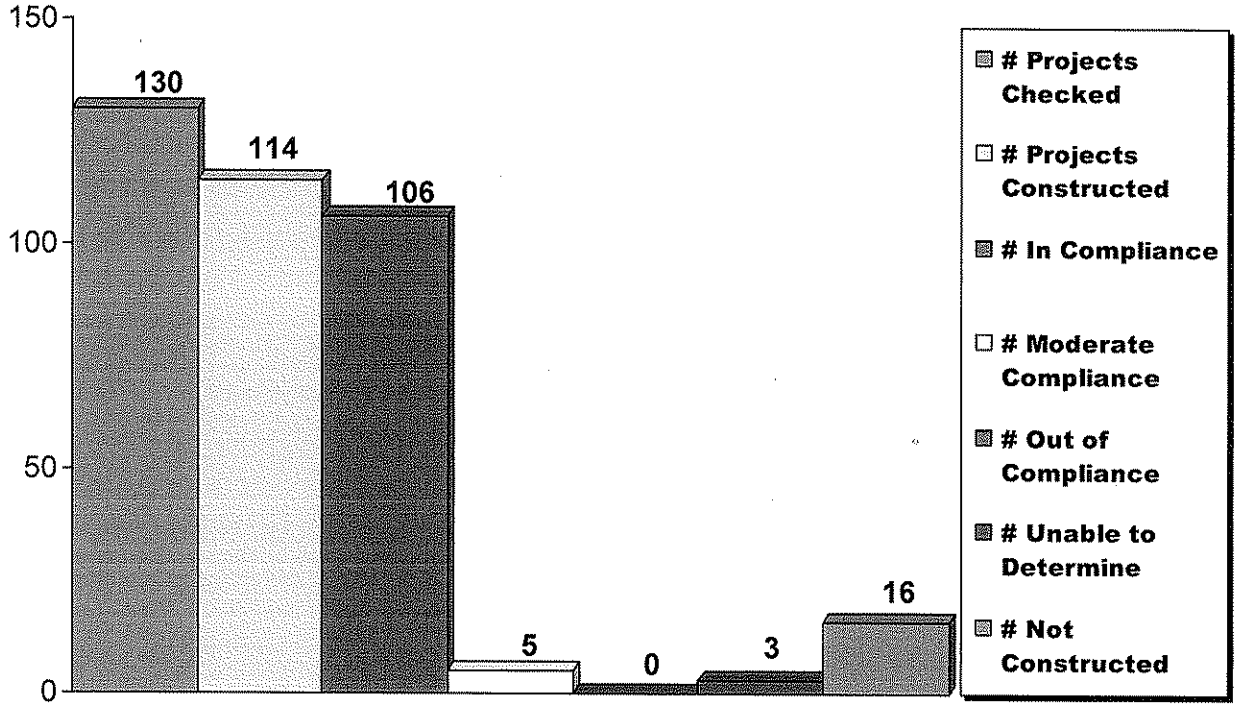


Figure 5 – Inspections for randomly selected wetland permits issued in 2008.

2007 Inspections



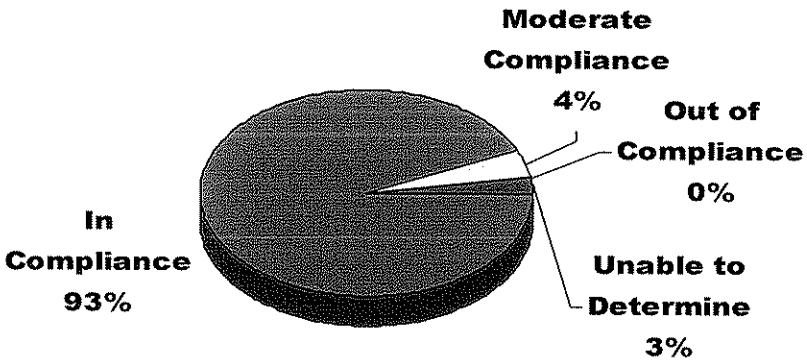
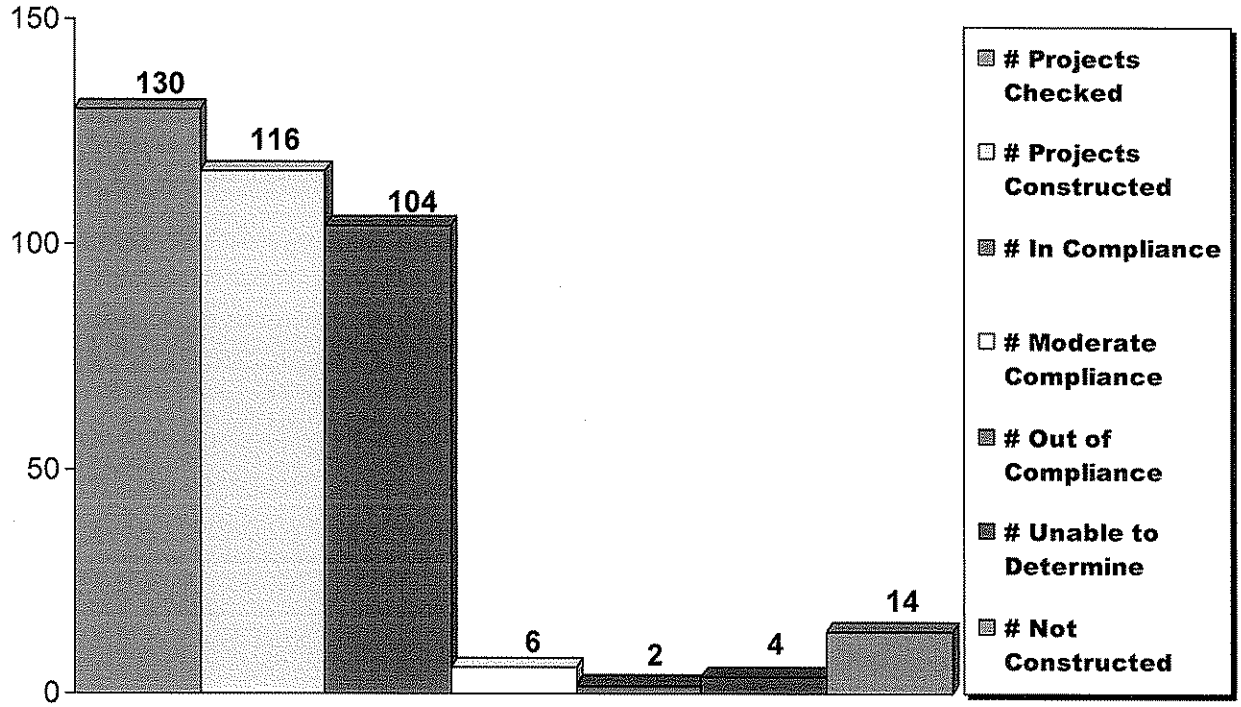


Figure 6 – Inspections for randomly selected wetland permits issued in 2007.

2006 Inspections



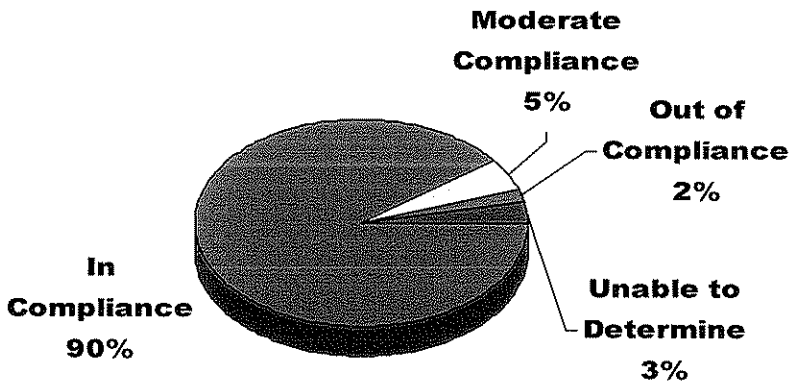
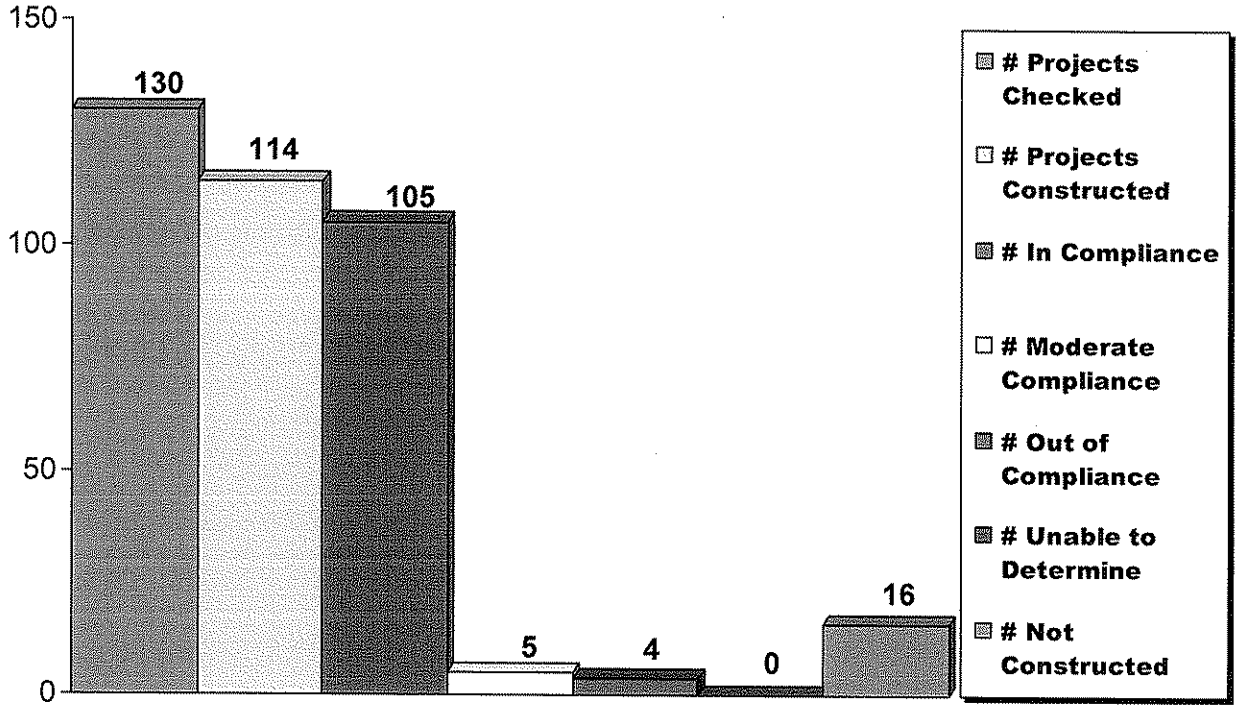


Figure 7 – Inspections for randomly selected wetland permits issued in 2006.

2005 Inspections



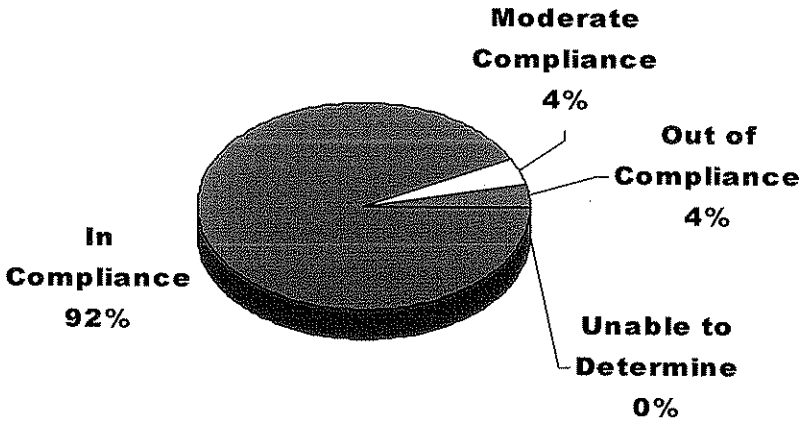
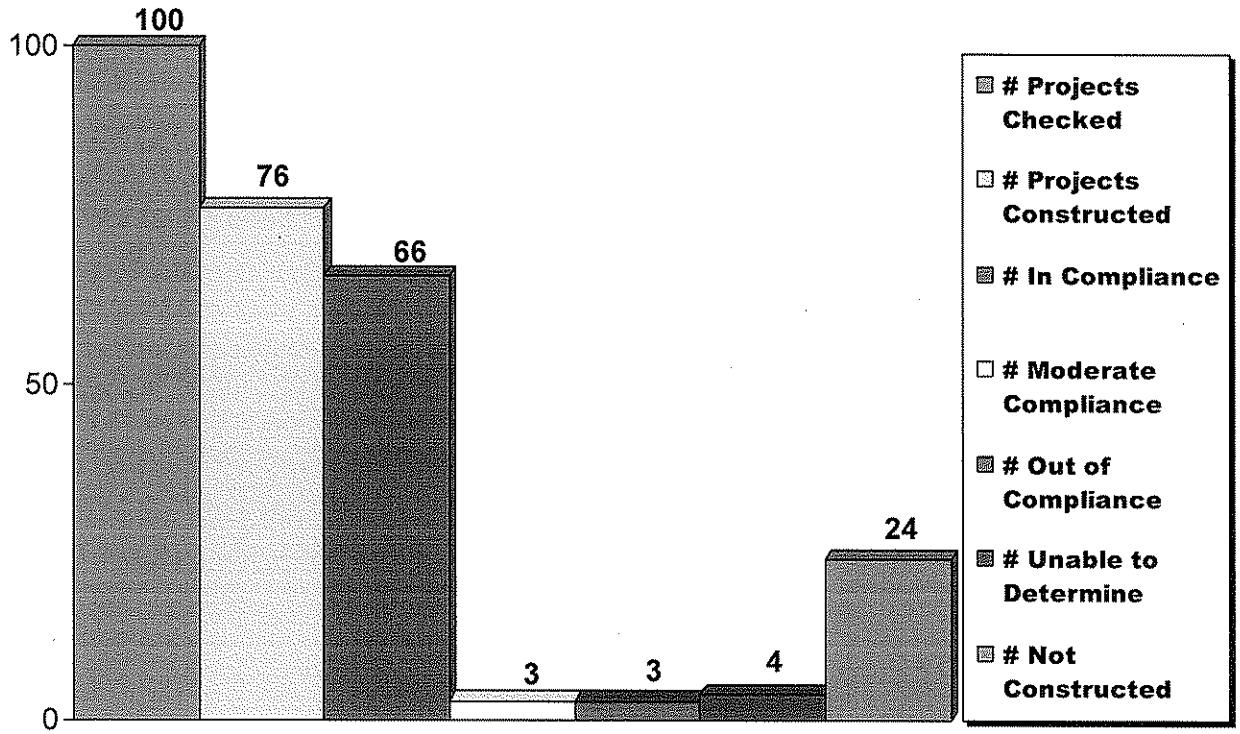


Figure 8 – Inspections for randomly selected wetland permits issued in 2005.

2004 Inspections



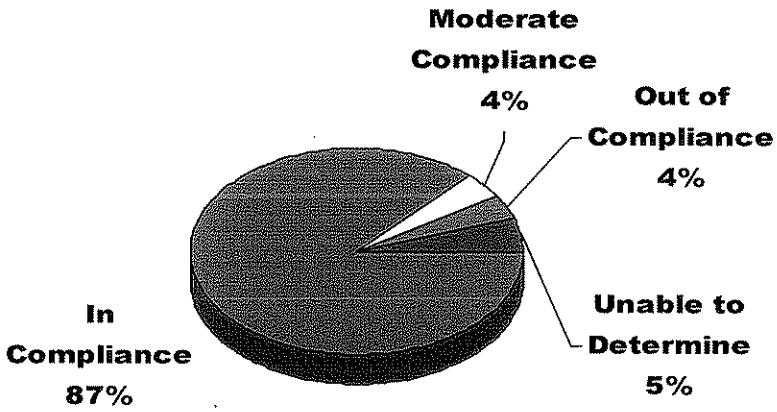
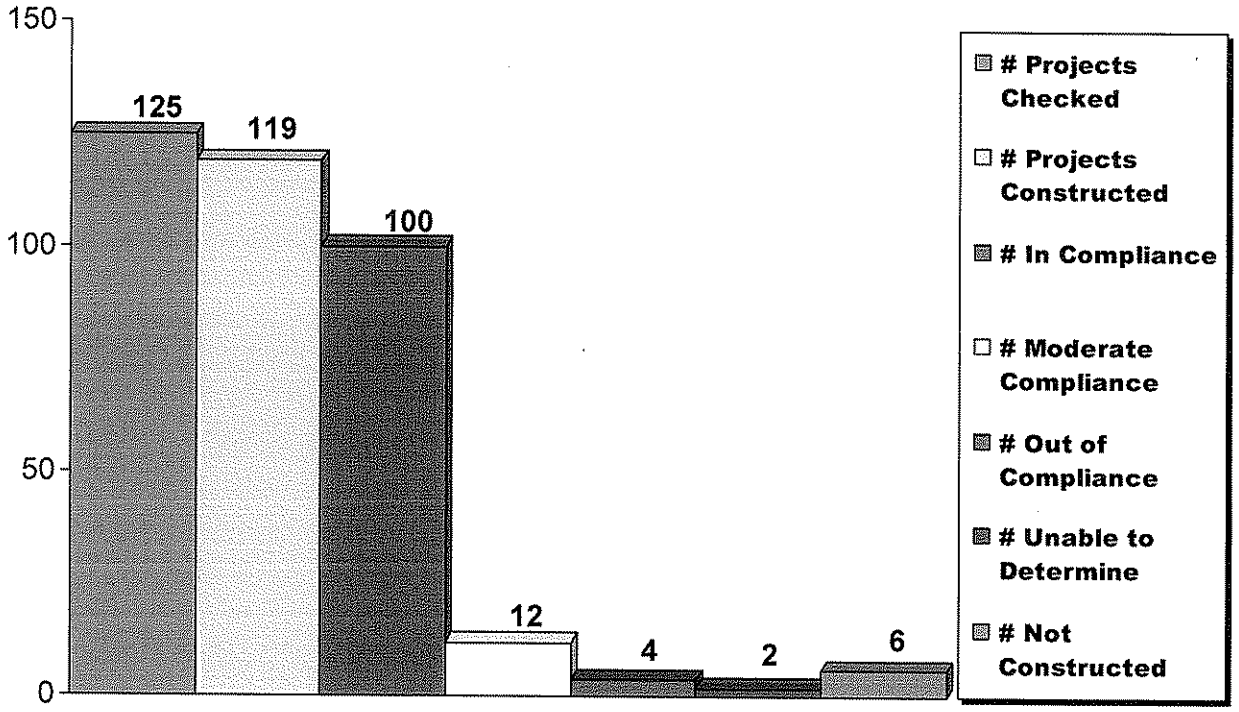


Figure 9 – Inspections for randomly selected wetland permits issued in 2004.

2003 Inspections



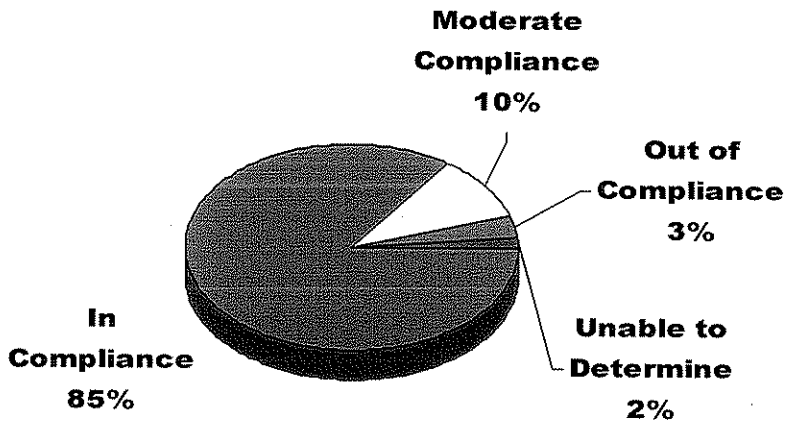
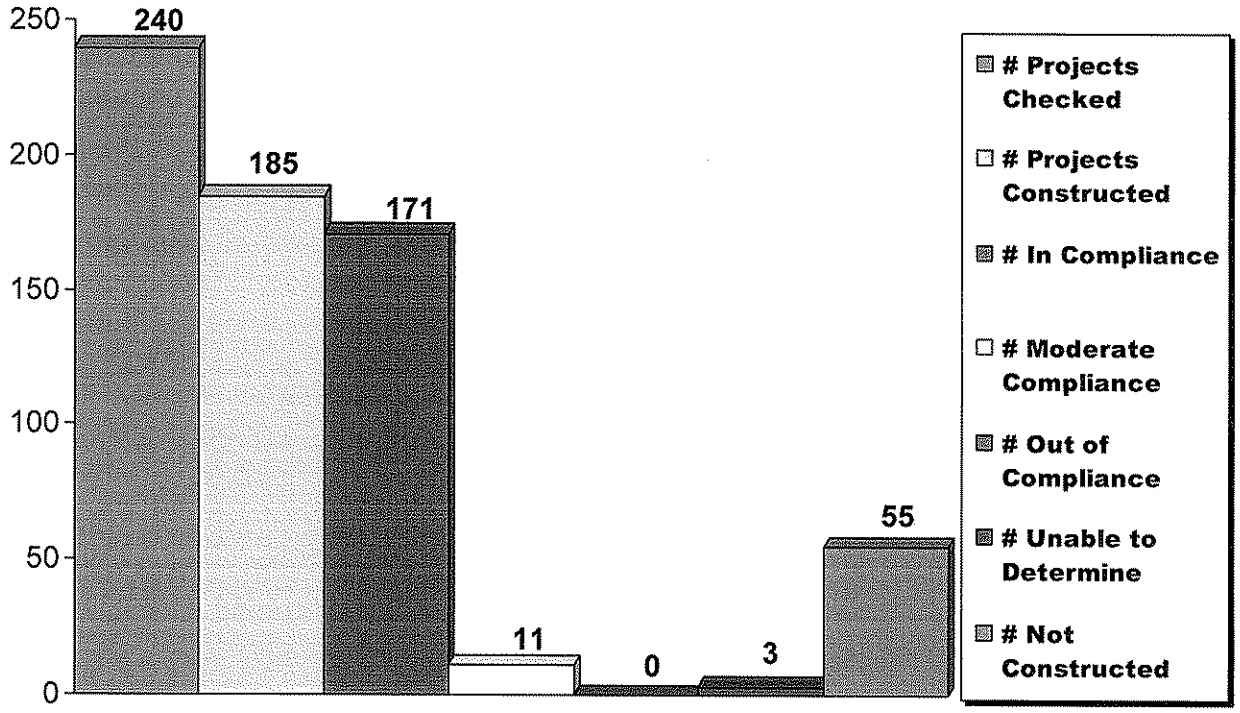


Figure 10 – Inspections for randomly selected wetland permits issued in 2003.

2002 Inspections



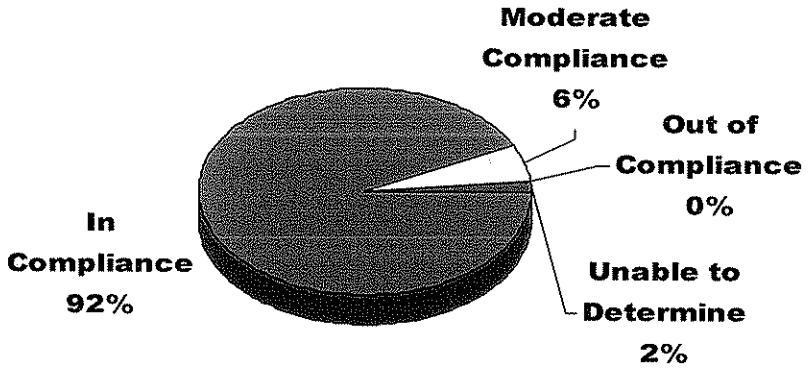
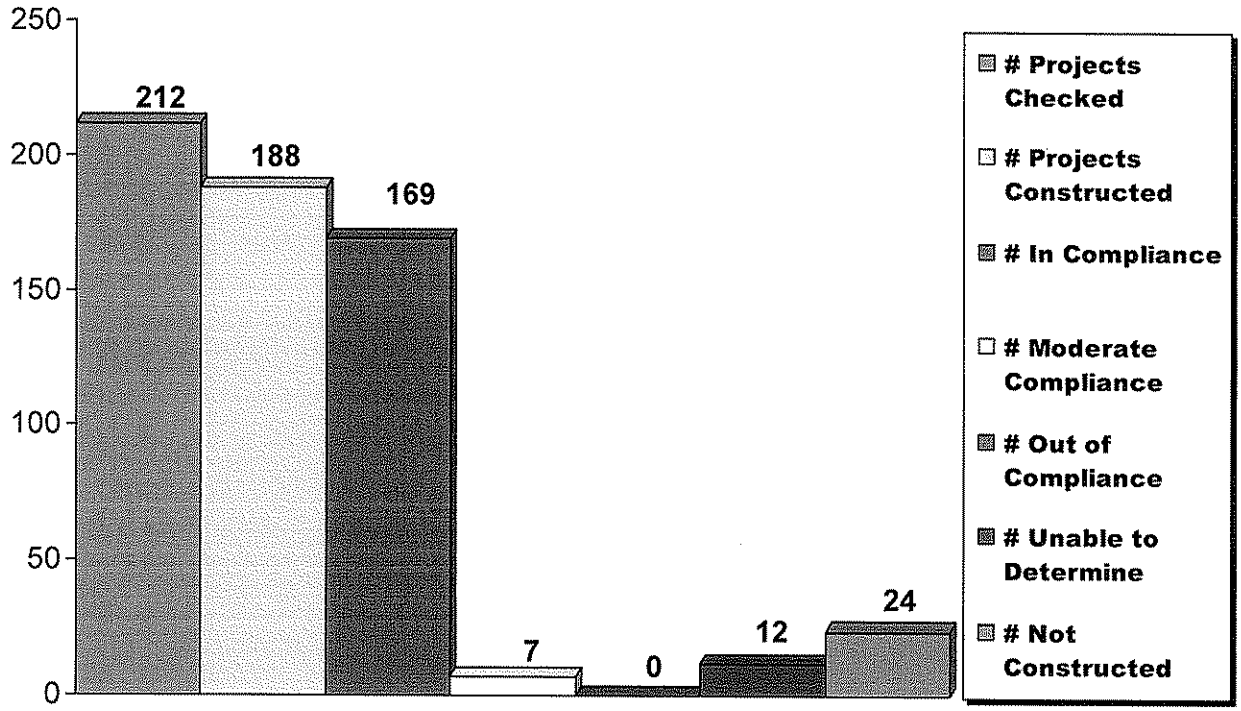


Figure 11 – Inspections for randomly selected wetland permits issued in 2002.

2001 Inspections



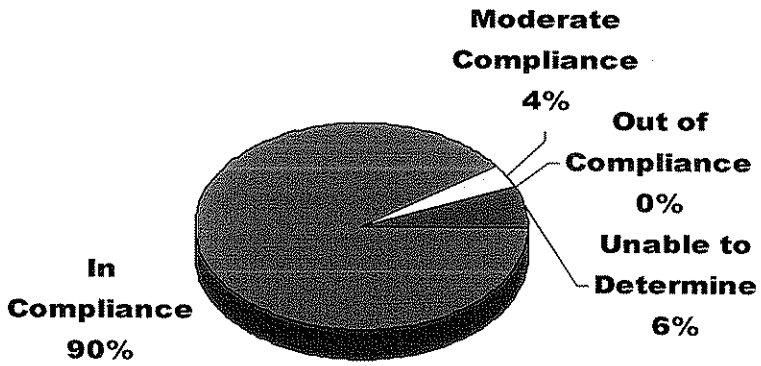
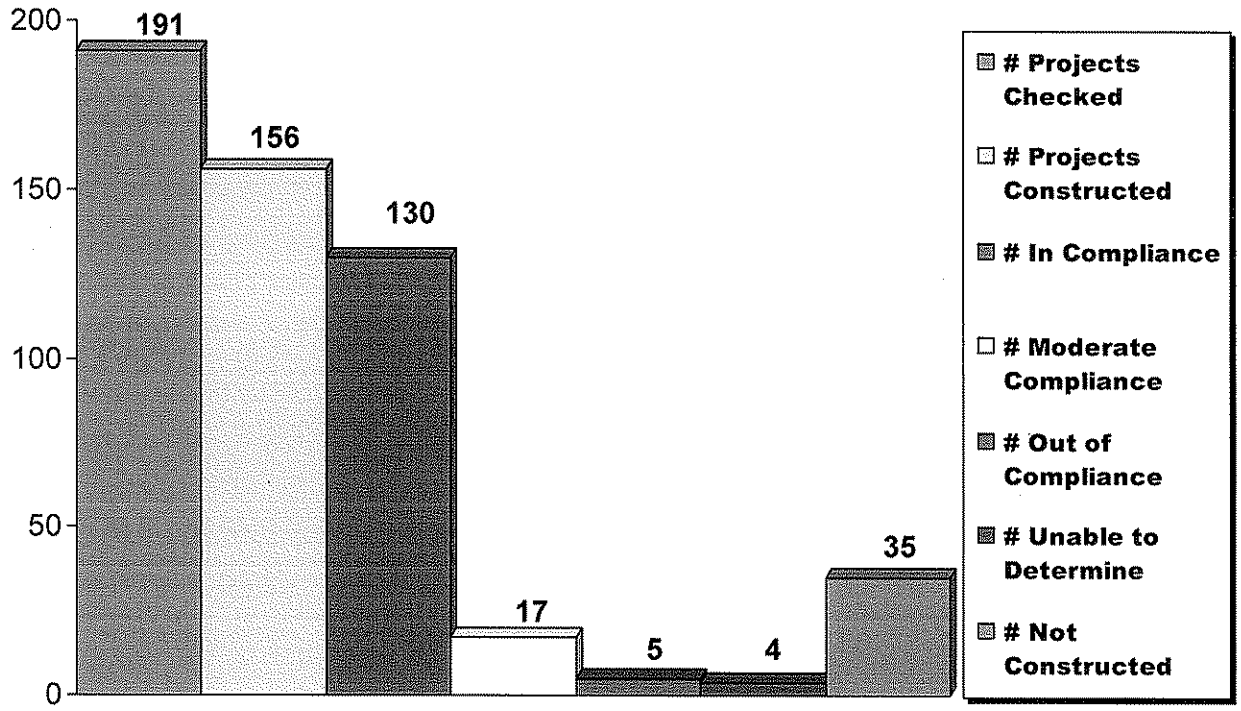


Figure 12 – Inspections for randomly selected wetland permits issued in 2001.

2000 Inspections



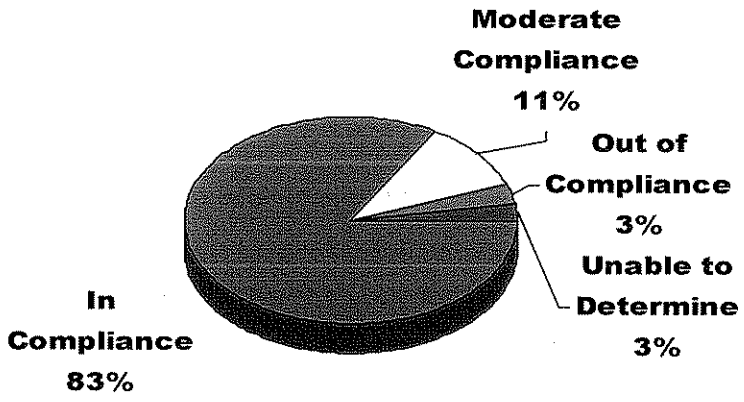
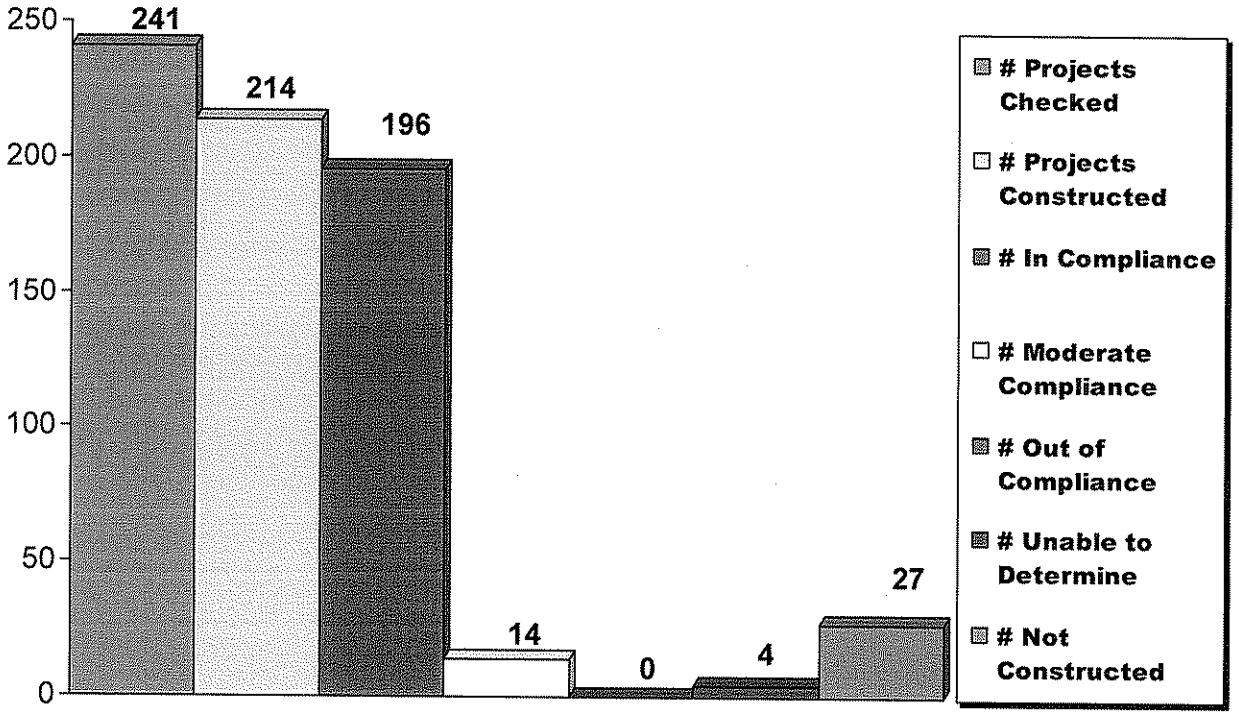


Figure 13 – Inspections for randomly selected wetland permits issued in 2000.

1999 Inspections



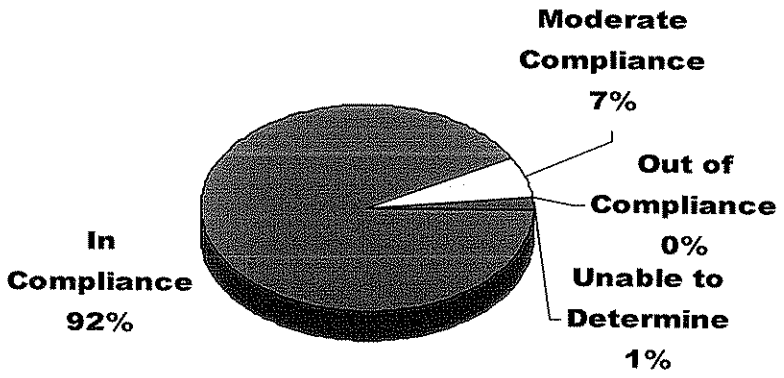
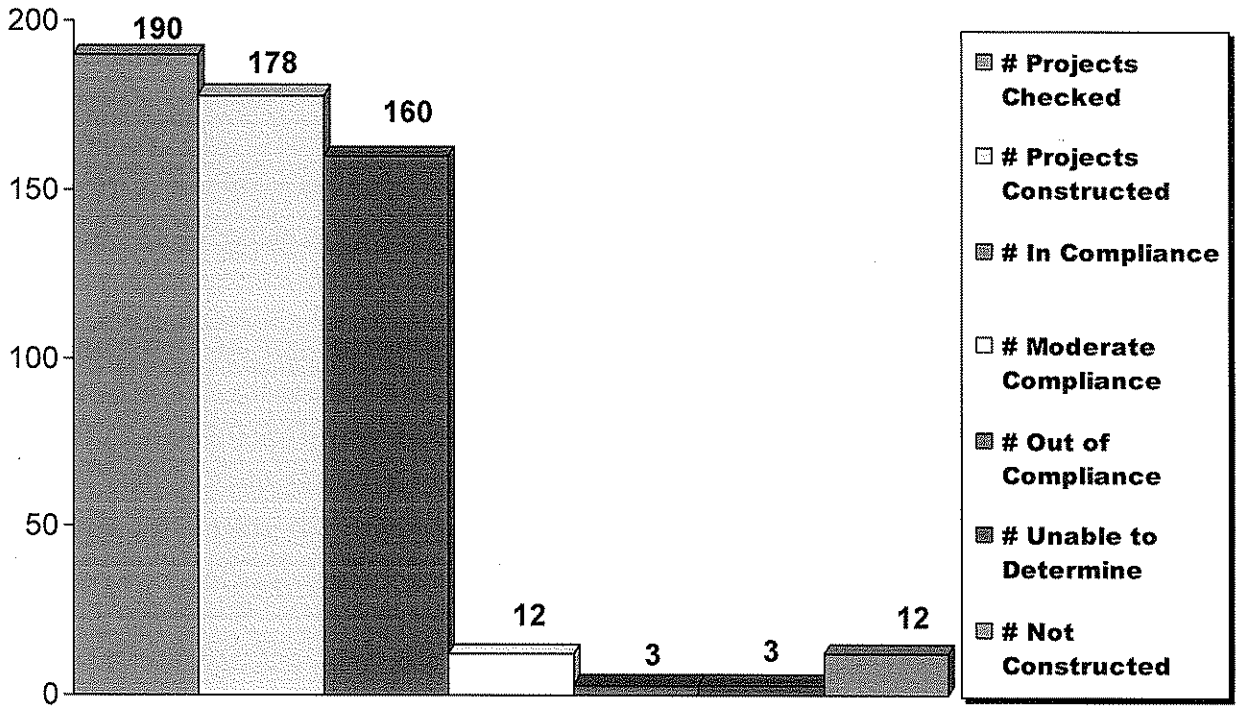


Figure 14 – Inspections for randomly selected wetland permits issued in 1999.

1998 Inspections



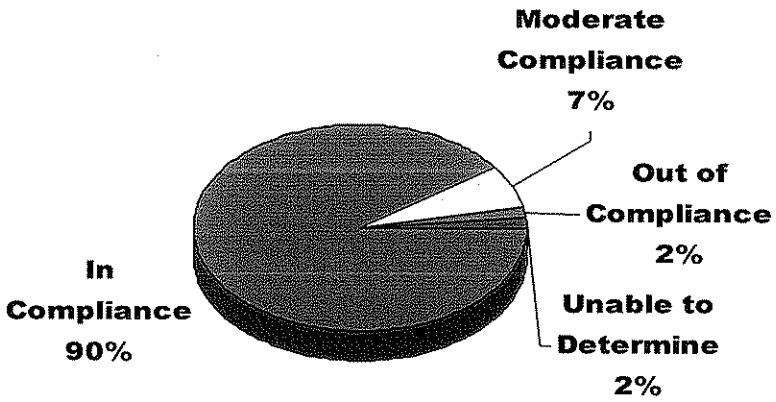
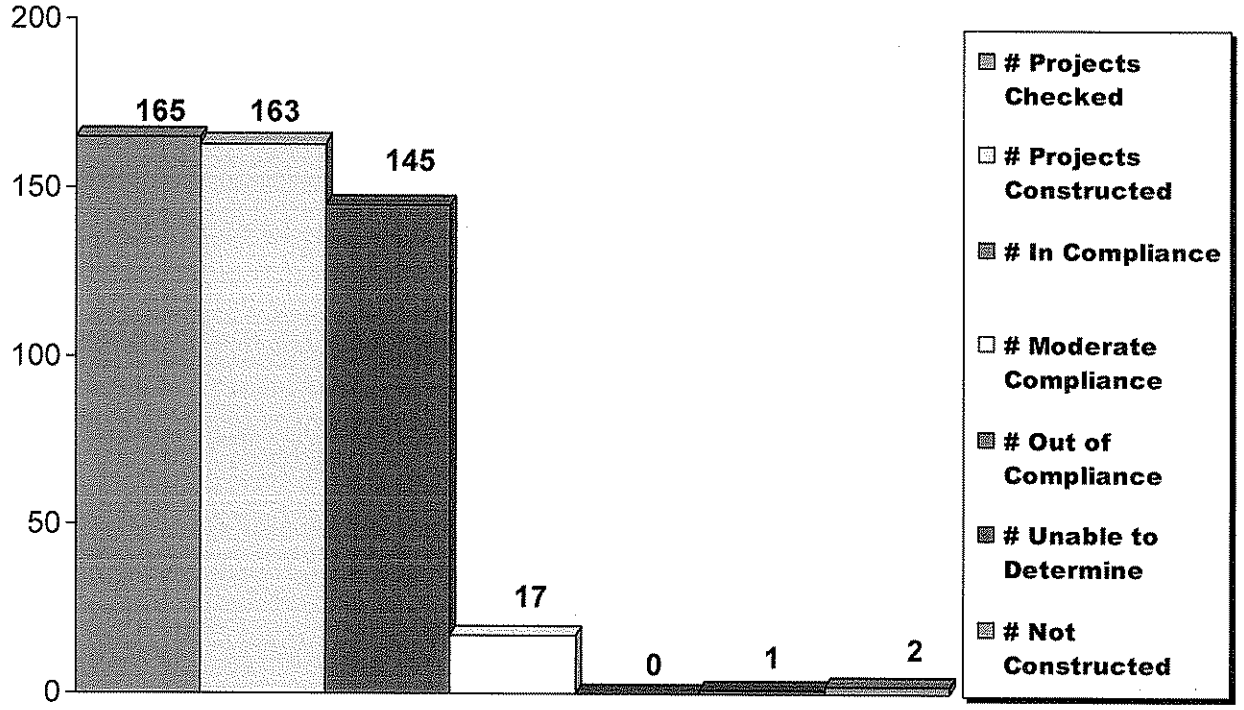


Figure 15– Inspections for randomly selected wetland permits issued in 1998.

1997 Inspections



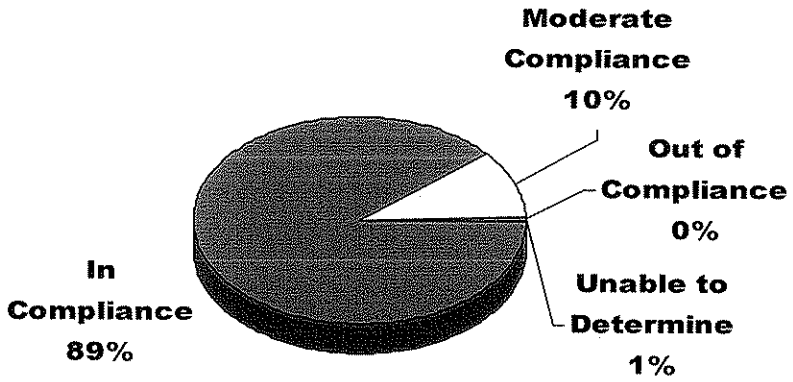
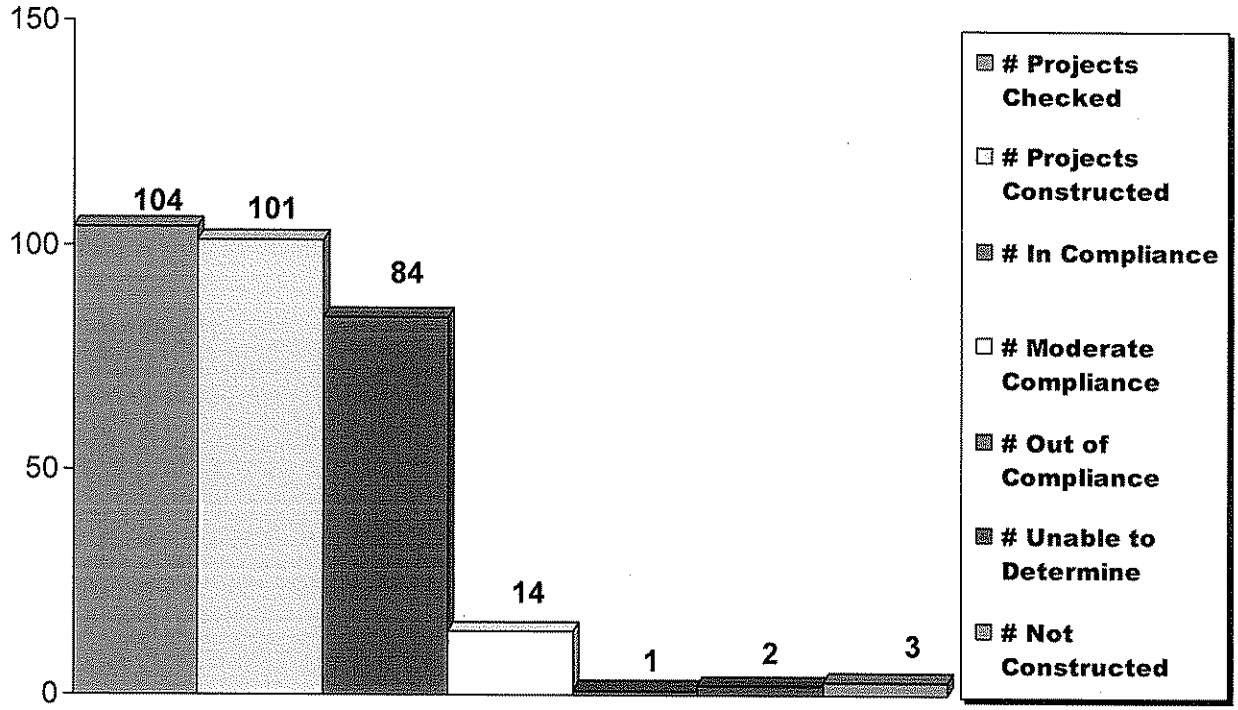


Figure 16 – Inspections for randomly selected wetland permits issued in 1997.

1996 Inspections



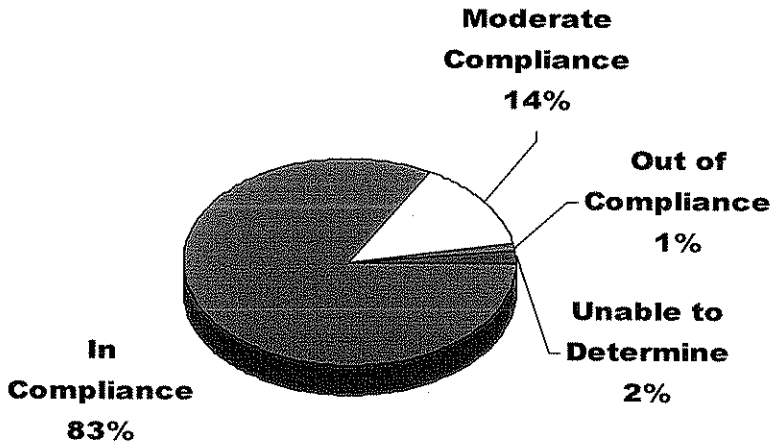
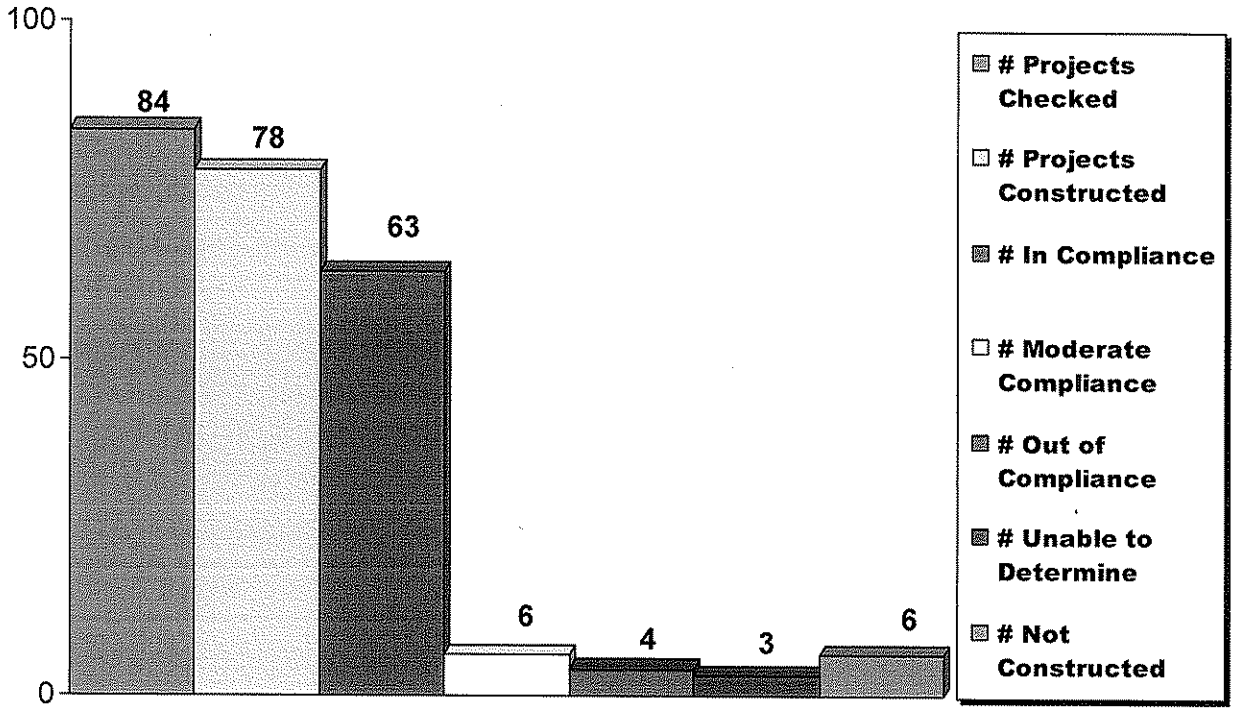


Figure 17 – Inspections for randomly selected wetland permits issued in 1996.

1995 Inspections



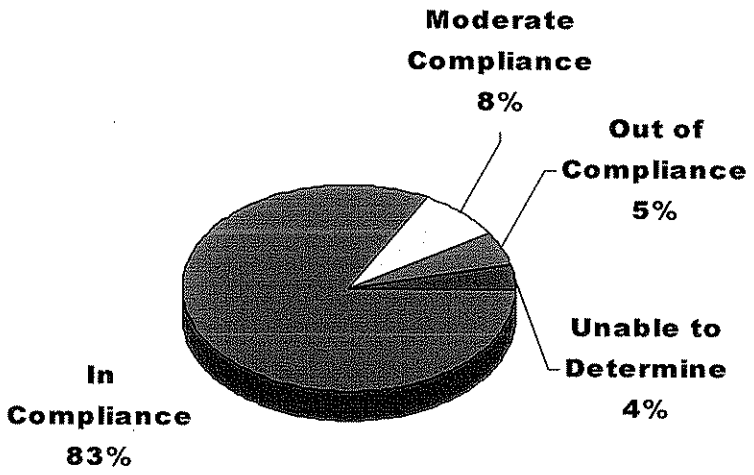
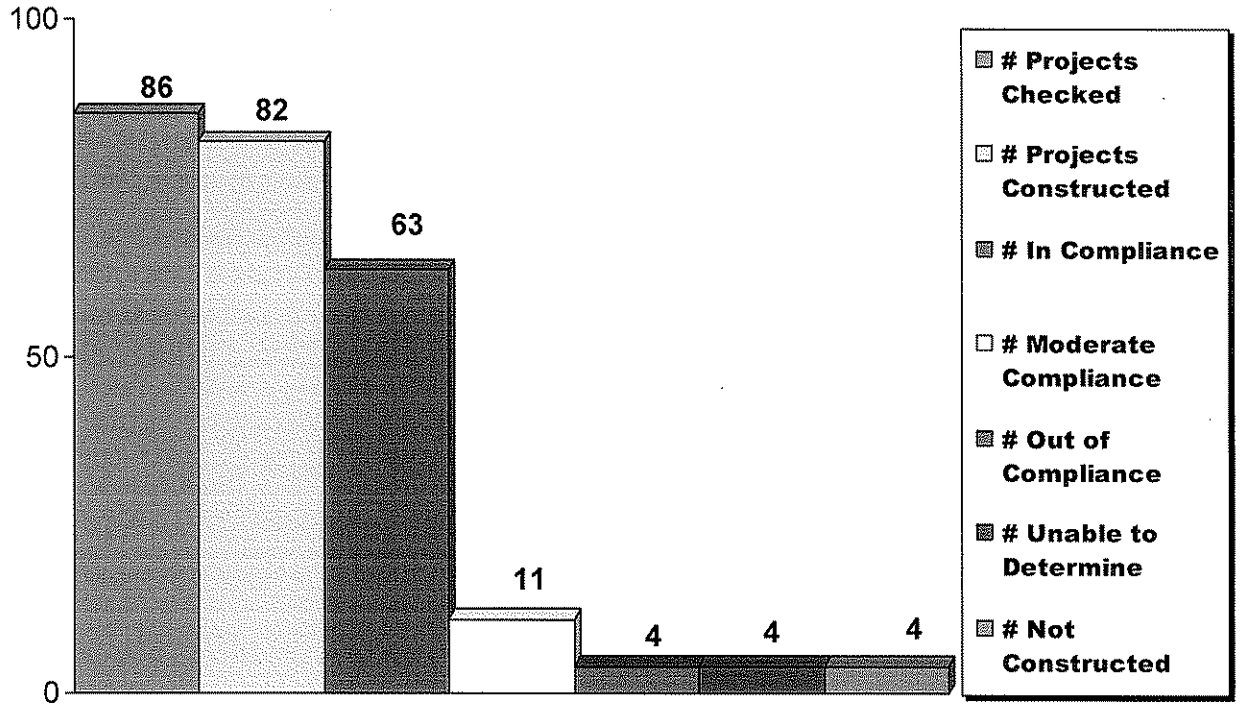


Figure 18 – Inspections for randomly selected wetland permits issued in 1995.

1994 Inspections



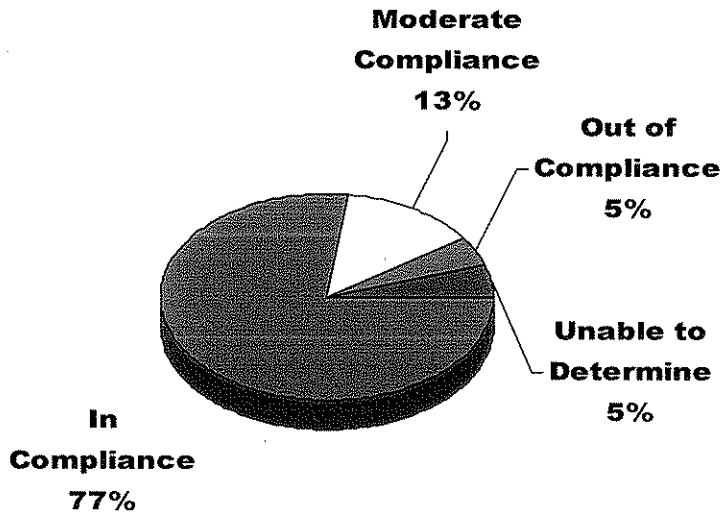
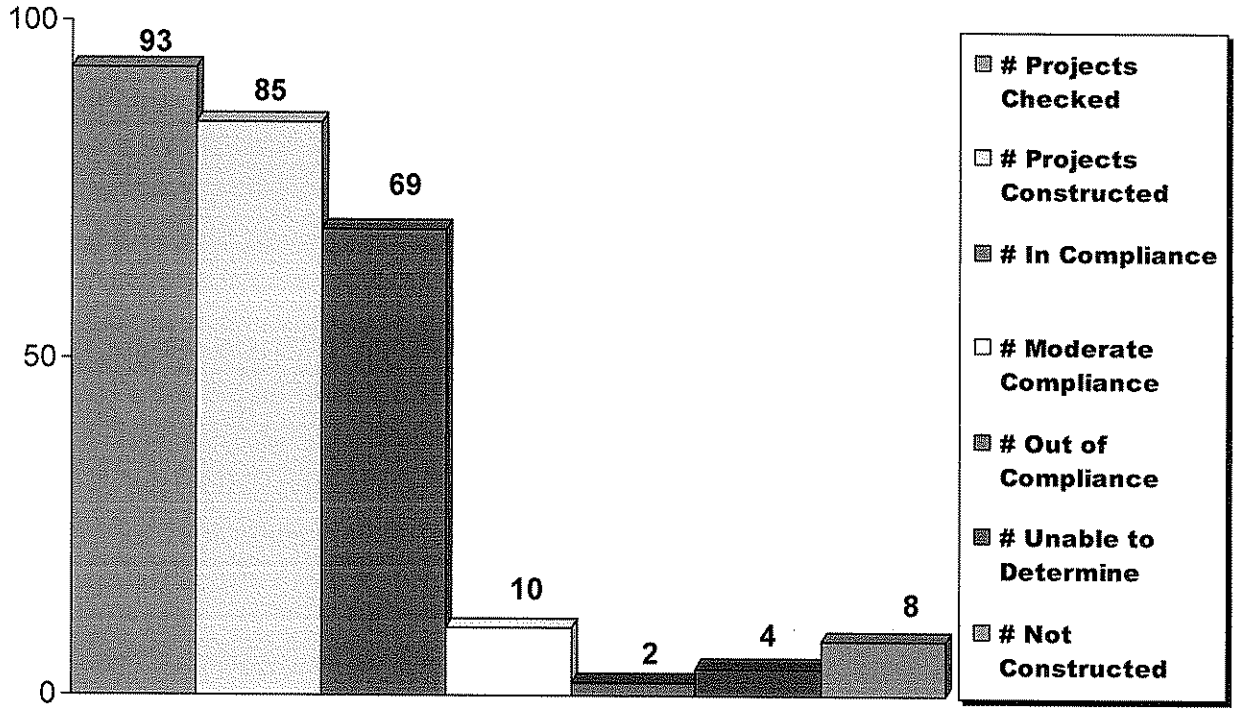


Figure 19 – Inspections for randomly selected wetland permits issued in 1994.

1993 Inspections



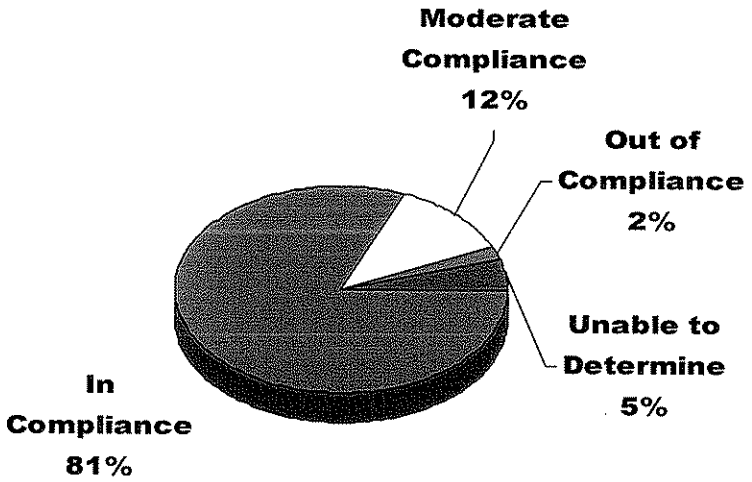
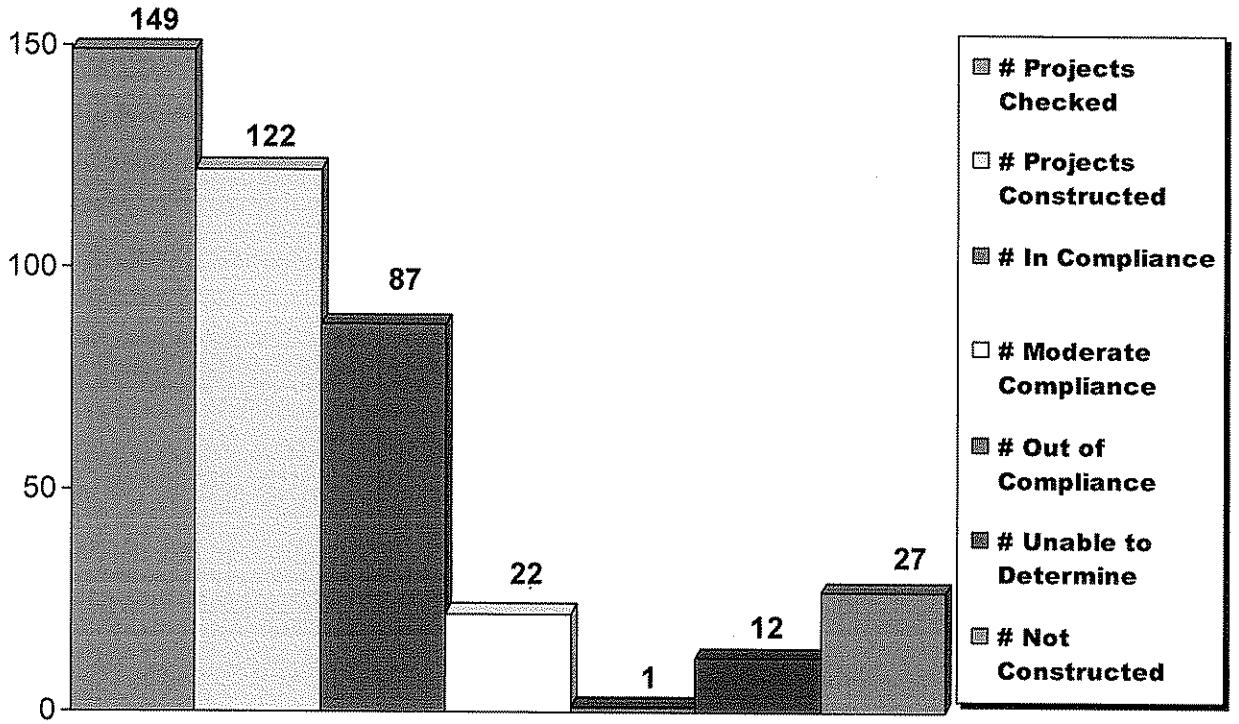


Figure 20 – Inspections for randomly selected wetland permits issued in 1993.

1992 Inspections



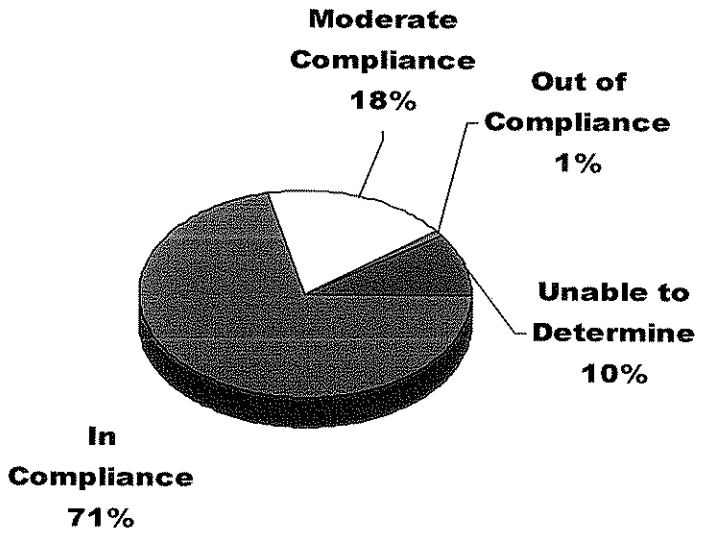
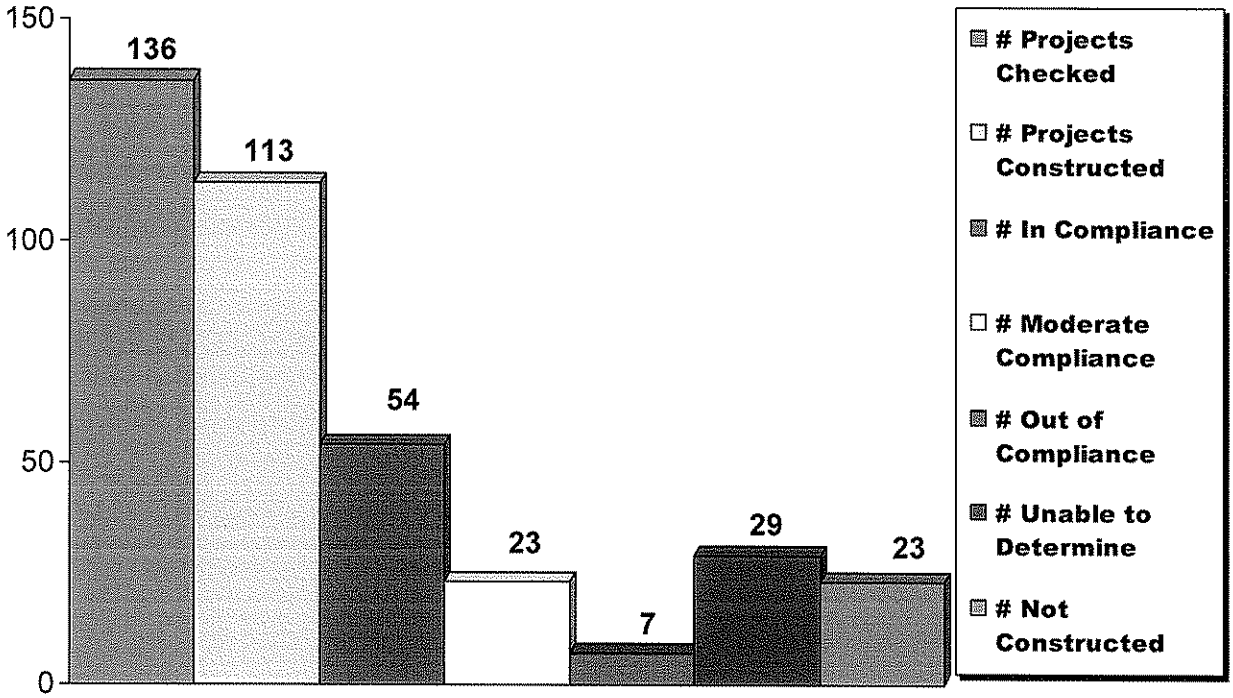


Figure 21– Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1992.

1991 Inspections



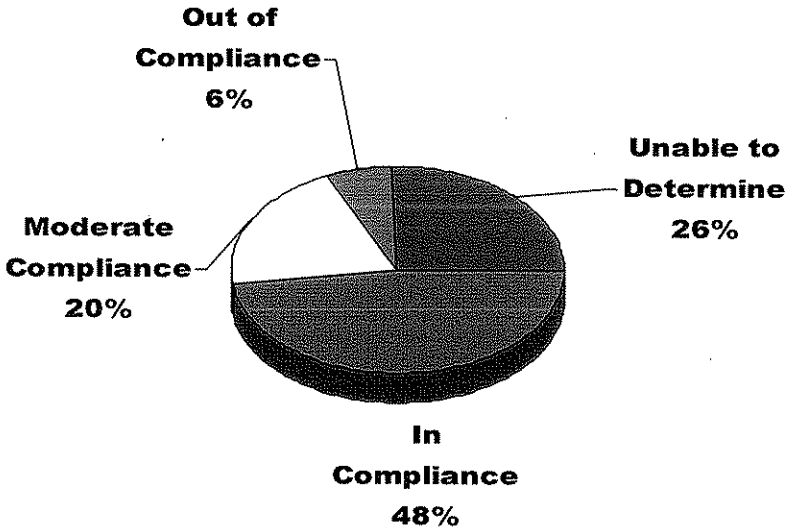
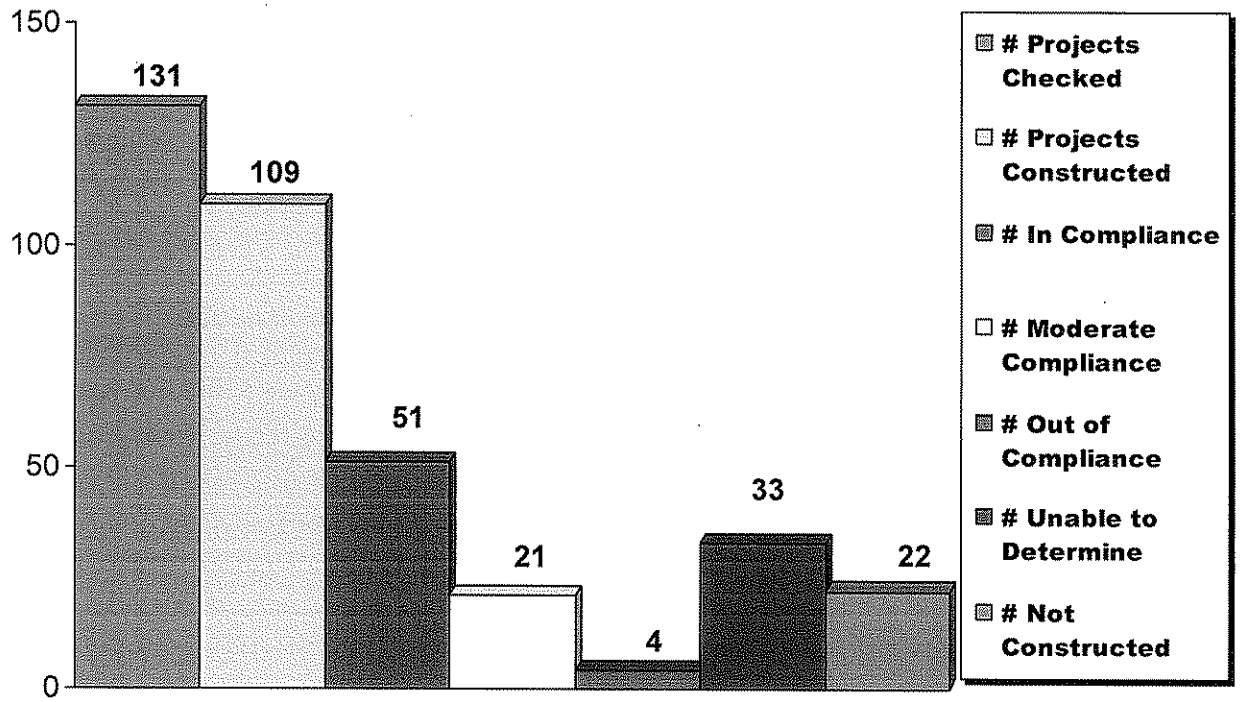


Figure 22 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1991.

1990 Inspections



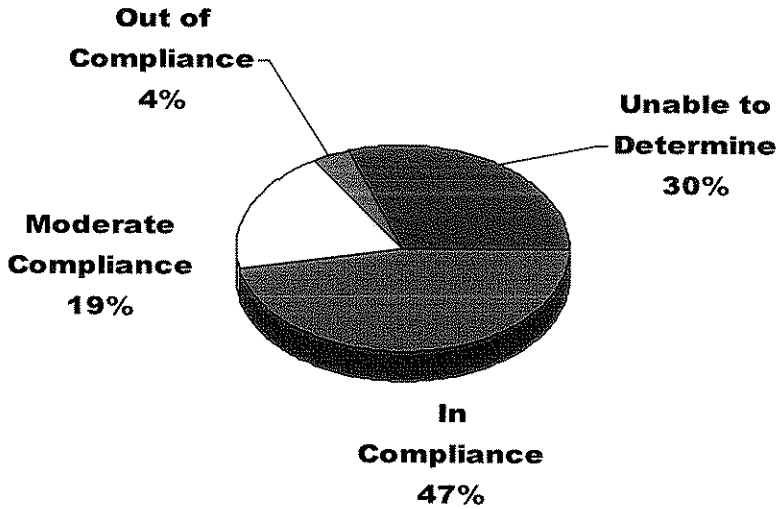
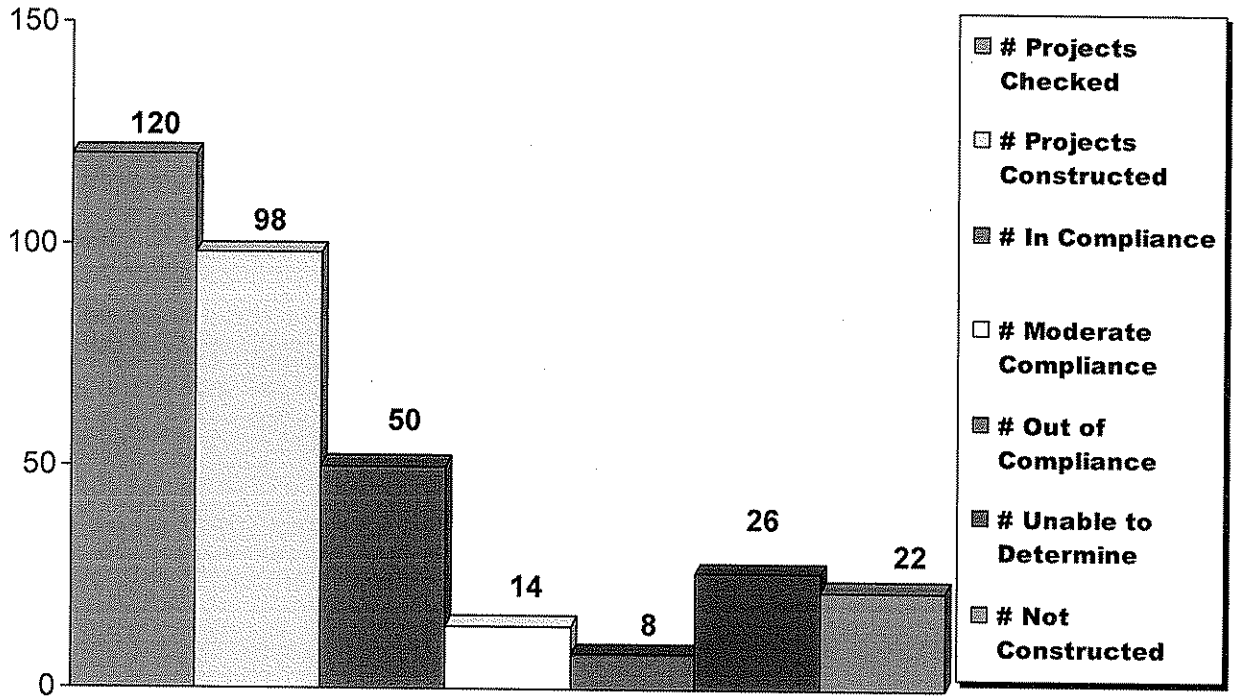


Figure 23 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1990.

1989 Inspections



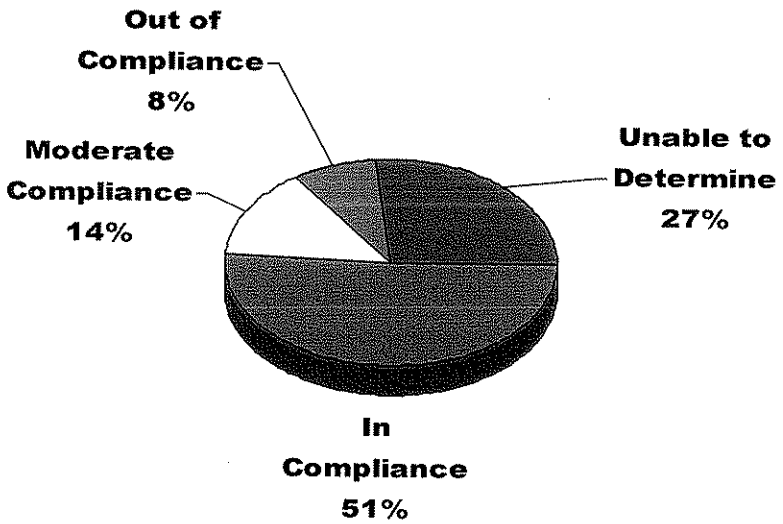


Figure 24 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1989.

Table 1

Number of projects selected for the compliance survey in each locality

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

Table 1 (Continued)

Number of projects selected for the compliance survey in each locality

	Year																				
Locality	**09**	**08**	**07**	**06**	**05**	**04**	**03**	**02**	**01**	**00**	**99**	**98**	**97**	**96**	**95**	**94**	**93**	**92**	**91**	**90**	**89**
Mathews	10	7	4	7	7	4	2	11	9	10	17	10	8	8	1	3	2	8	9	3	3
Middlesex	9	18	6	9	9	6	8	12	9	9	14	9	11	10	6	5	8	17	10	7	8
New Kent	0	0	0	2	0	1	2	1	0	3	2	4	1	0	3	1	3	1	0	1	0
Newport News	1	0	0	0	2	1	3	3	5	3	5	2	0	0	3	2	1	6	5	4	0
Norfolk	4	3	8	2	9	10	5	8	8	10	10	10	9	7	3	3	4	13	7	8	8
Northhampton	1	2	4	4	3	0	0	7	7	12	2	3	1	2	2	2	2	2	1	3	1
Northumberland	34	22	32	29	15	24	15	46	22	11	40	24	34	12	8	6	6	19	8	14	19
Poquoson	1	1	1	2	4	2	8	1	10	6	3	5	4	2	1	3	3	8	4	2	1
Portsmouth	2	1	0	0	1	3	2	1	6	3	1	2	0	0	1	0	1	0	5	0	0
Prince William	0	0	0	1	1	0	0	0	0	2	5	2	0	0	0	1	0	1	0	1	1
Richmond County	0	3	2	1	2	0	1	6	4	2	1	2	1	0	1	2	1	2	3	1	0
Stafford	0	0	2	0	3	1	5	6	5	5	2	4	3	1	3	3	2	3	3	4	3
Suffolk	1	2	4	6	3	3	5	2	3	10	3	1	0	1	1	0	3	3	1	0	1
Surry	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	1	0	1	0	0
Virginia Beach	12	20	10	19	15	15	12	35	30	15	23	30	14	14	9	10	7	11	15	22	20
West Point	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0
Westmoreland	13	12	6	11	7	0	18	16	15	10	24	14	8	11	5	6	10	14	14	5	7
York	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															
	09	**08**	**07**	**06**	**05**	**04**	**03**	**02**	**01**	**00**	**99**	**98**	**97**	**96**	**95**	**94**
# of Projects Reviewed	130	130	130	130	130	100	125	240	212	191	241	190	165	104	84	86
# of Projects Constructed	109	110	114	116	114	76	119	185	188	156	214	178	163	101	78	82
% of Projects Reviewd	84%	85%	88%	89%	88%	76%	95%	77%	89%	82%	88%	94%	98%	97%	93%	95%
# in Compliance	99	101	106	104	105	66	100	171	169	130	196	160	145	84	63	63
% of Projects Constructed	91%	91%	93%	90%	92%	87%	85%	93%	90%	83%	92%	90%	89%	83%	83%	77%
# in Moderate Compliance	4	0	5	6	5	3	12	11	7	17	14	12	17	14	6	11
% of Projects Constructed	4%	0%	4%	5%	4%	4%	10%	6%	4%	11%	7%	6%	10%	14%	8%	13%
# Out of Compliance	0	2	0	2	4	3	4	0	0	5	0	3	0	1	4	4
% of Projects Constructed	0%	2%	0%	2%	4%	4%	3%	0%	0%	3%	0%	2%	0%	1%	5%	5%
# Compliance Indeterminable	6	7	3	4	0	4	2	3	12	4	4	3	1	2	3	4
% of Projects Constructed	6%	7%	3%	3%	0%	5%	2%	1%	6%	3%	1%	2%	1%	2%	4%	5%

Table 2 (Continued)

Level of compliance for constructed projects

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

Table 3

Wetland Board Compliance monitoring in each Locality.

Locality	Program		Project Checked		
	Formal	Informal	all	random	none
Accomack		x		x	
Cape Charles		x		x	
Charles City		x	x		
Chesapeake	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 2011

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.

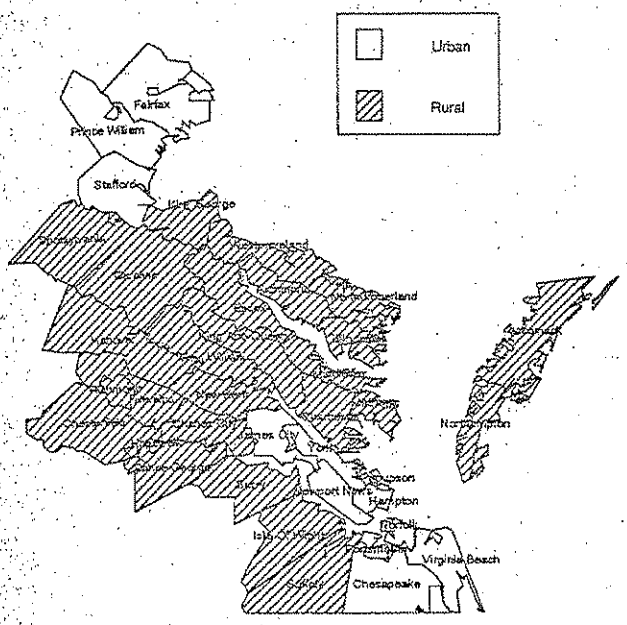
The 140 selected applications were screened and those applications which were submitted after-the-fact, involved only subaqueous dredging, or had not yet received a permit due to delays or denial were discarded. After screening, 120 projects remained in the sample group. Prior to conducting the survey 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	32, 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
Northhampton	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

Figure 1. Tidewater Virginia



overall effectiveness of permit compliance within the coastal zone, no effort was made to ensure that all localities were represented in the survey. Instead, it was anticipated that the random sample would result in a sample group which more accurately reflected the average permit activity per locality. Therefore, the number of projects reviewed in each locality varies according to the observed permit activity in 1989.

Twenty-three (23) of the 49 Tidewater localities were represented in the sample group. Figure 1 and Table 1 illustrate the Tidewater region and indicate the number of projects reviewed in each locality. Eighty-one (81) of the selected projects required only a wetlands permit, 13 required only a subaqueous permit and 26 impacted both jurisdictions and required subaqueous as well as wetlands permits.

Site inspections were made of all the 120 selected projects to determine the degree of compliance. Results of the compliance inspections were grouped into five categories:

1. Project not constructed
2. Unable to determine compliance
3. In compliance with the permit document
4. Moderately in compliance with the permit document.
5. Out of compliance with the permit document

Categories 1, 2 and 3 were fairly straightforward and easy to assess. The distinction between those projects considered to be in moderate compliance or out of compliance was more difficult to make and became somewhat subjective. As a rule, however, those projects considered to be moderately in compliance possessed an average additional encroachment which did not exceed 6 inches greater than the permitted alignment, and had length and square foot measurements which were no more than 10% greater than that authorized. Those projects exceeding either of the above thresholds were considered to be out of compliance.

As previously mentioned dredging projects were not included in the survey. These projects were excluded because we believed that it would be difficult to distinguish between man-made and natural post-dredging deviations in depth contours. However, recommendations to monitor compliance for dredging projects are included in the Recommendations section of this document.

Results

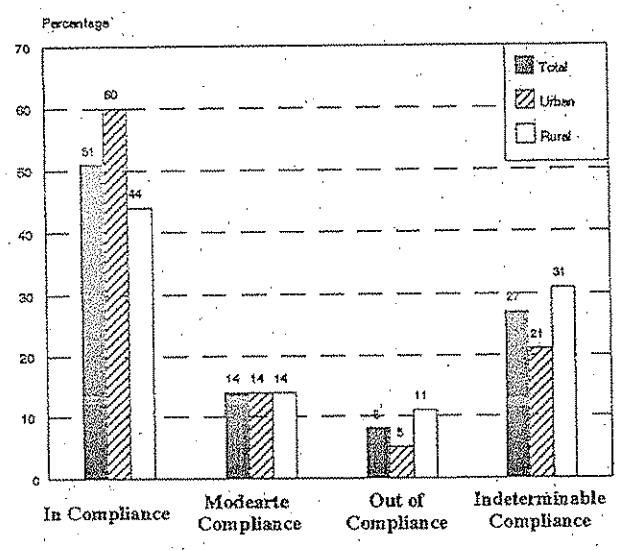
The results of the survey are summarized in Table 2. You will note that the survey results were subdivided into rural and urban categories. This was done in an effort to ascertain if there were any demographic differences in compliance levels. For the purpose of this study, rural localities were defined as those having population densities of less than 140 per square mile; urban localities were defined as having population densities greater than 140 per square mile. The figures for population density were obtained from the 1980 census by the U. S. Department of Commerce (Univ. of Virginia, 1987). This breakdown was also patterned after that used by Bradshaw (1990) in her compliance monitoring study.

In addition to providing the raw numbers for the projects determined to be in a particular category, Table 2 also provides the percentage of constructed projects which were categorized by their level of compliance. These percentages are particularly interesting when evaluating the results. Especially noteworthy are the percentages of projects in which compliance could not be determined. Figure 2 further illustrates this information.

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 Interminable	26	9	17
% of Constructed Projects	27%	21%	31%

Figure 2.
Projects categorized by level of compliance.



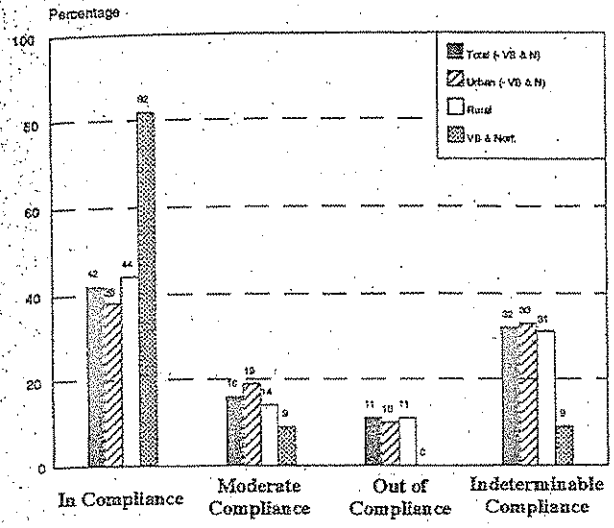
Due to the somewhat subjective nature of the data and the low number of samples in some of the subgroups, no statistical tests for significance were attempted. Nevertheless, there appears to be a discernible difference between rural and urban localities in all the categories other than "Moderate Compliance." 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 indenpendently.



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 unenforceable. 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 <u>not</u> 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

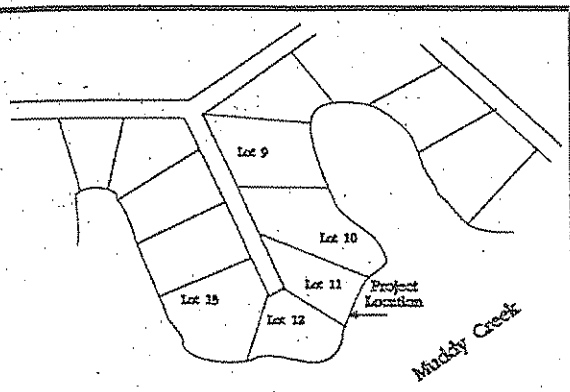
Bradshaw, J.G. 1990, Monitoring of compliance with permits granted by local wetlands boards. Technical Report No. 90-1. 7p. College of William and Mary, Virginia Institute of Marine Science, Wetlands Program, Gloucester Point, Virginia.

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.

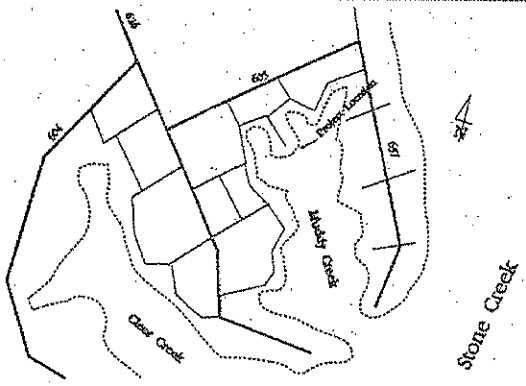
University of Virginia, Center for Public Service, 1987. Virginia Statistical Abstract. Center for Public Service, University of Virginia. Charlottesville, Va.

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

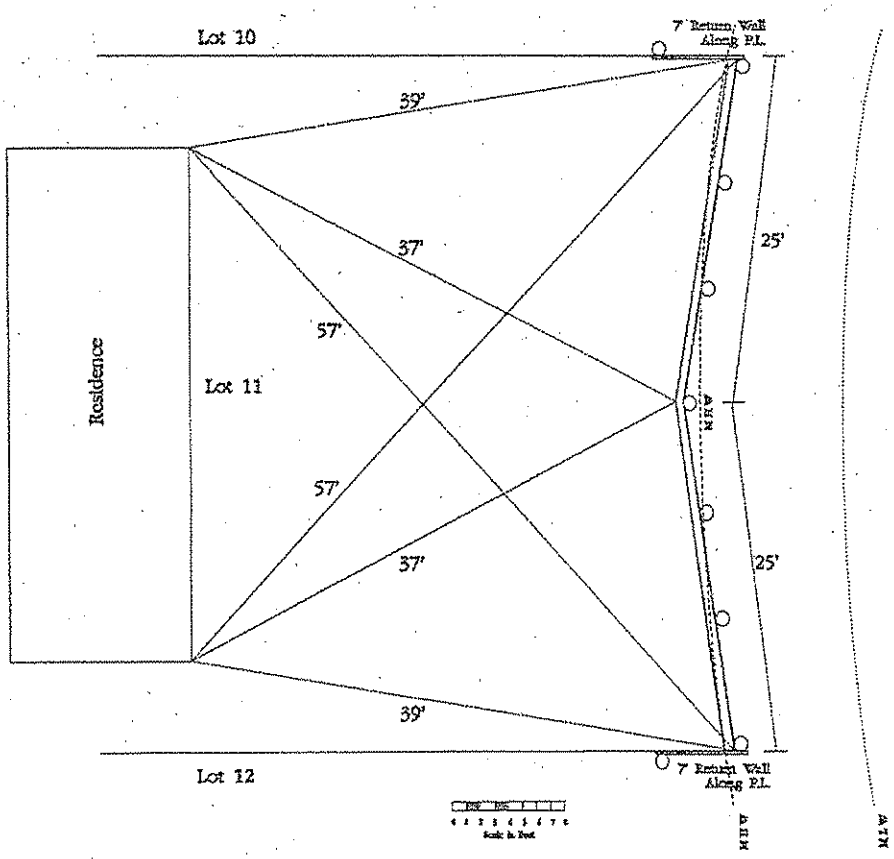
Attachment 1



Site Map



Vicinity Map



Datum: MLW Adjacent Property Owners 1. Lot 10, C.B. Parks 2. Lot 12, M.E. Lank	Plan View John G. Doe P.O. Box 123 Tidewater, Va 22222	County of: Northumberland Sheet 1 of 1 Date: August 3, 1991

Attachment 2

PROJECT COMPLIANCE ASSESSMENT

VMRC # _____
ENGINEER _____
SITE VISIT _____
DATE/TIME _____
OTHERS PRESENT _____

1. Permitee _____

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 2011

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

VIRGINIA MARINE RESOURCES COMMISSION

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

July 2008 revision

STANDARD JOINT PERMIT APPLICATION

United States Army Corps of Engineers (USACE) - Norfolk District
803 Front Street, ATTN: CENAO-R
Norfolk, Virginia 23510-1096
Phone: (757) 201-7652, Fax: (757) 201-7678
Websites:
http://www.nao.usace.army.mil/Technical%20Services/Regulatory%20Branch/homepage.asp
http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/vareqions.htm

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

Virginia Department of Environmental Quality (DEQ)
Virginia Water Protection Program
Post Office Box 1105
Richmond, Virginia 23218
Phone: (804) 698-4000, Fax: (804) 698-4032
Websites: http://www.deq.virginia.gov/
http://www.deq.virginia.gov/regions/homepage.html

The following instructions and information are designed to assist you in applying for permits from Federal, State, and Local regulatory agencies for work in waters and/or wetlands within the Commonwealth of Virginia. The intent is to provide general information on the permit process, not to act as a complete legal and technical reference.

JOINT PERMIT APPLICATION PROCESS

The Joint Permit Application (JPA) process and Standard JPA form are used by the United States Army Corps of Engineers (USACE), the Virginia Marine Resources Commission (VMRC), the Virginia Department of Environmental Quality (DEQ), and the Local Wetlands Boards (LWB) for permitting purposes involving water, wetlands, and dune/beach resources, including, but not limited to, *major* water supply and water withdrawals projects (as defined in DEQ Regulation 9 VAC 25-210).

The Tidewater Joint Permit Application form may be used for most commercial and noncommercial projects in **tidal waters, tidal wetlands, and coastal primary sand dunes and beaches in Virginia** that require the 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. The Tidewater JPA may be downloaded from the same web page on which the Standard JPA is located: http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/webJPA2004.pdf. *If using the Tidewater JPA, follow the instructions provided with that form.* Note that the Tidewater JPA form is not intended for noncommercial, riparian shellfish aquaculture projects (i.e., "oyster gardening"); the form for these types of projects may be obtained from http://www.mrc.virginia.gov/forms/abbrjpa.pdf or from the VMRC office.

The Standard JPA should not be used for *minor* water supply or water withdrawal projects, defined in DEQ Regulation 9 VAC 25-210 as a surface water withdrawal of less than 90 million gallons per month (mgm), unless filling or flooding of wetlands and streams occurs or if alteration of stream flow occurs. The application form for minor water supply or water withdrawals can be obtained from DEQ's web site. In the case where fill, flooding, or alteration of flow occurs, please use the Standard JPA.

Please note that some health departments and local agencies, such as local building officials and erosion and sediment control authorities, do not use the Joint Permit Application process or forms and may have different informational requirements. The applicant is responsible for contacting these agencies for information regarding those permitting requirements.

REGULATORY AUTHORITIES OF PARTICIPATING AGENCIES:
The USACE regulates activities in waters of the United States, including wetlands, under Section 404 of the Clean Water Act (33 U.S.C. §1344), Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403), and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 (33 U.S.C. §1413).

The VMRC regulates activities on State-owned submerged lands, tidal wetlands, and dunes/beaches under Code of Virginia Title 28.2, Chapters 12, 13, and 14.

The DEQ regulates activities in state waters and wetlands under Section 401 of the Clean Water Act (33 U.S.C. §1341), under State Water Control Law (Code of Virginia Title 62.1), and Virginia Administrative Code Regulations 9VAC25-210 et seq., 9VAC25-660 et seq., 9VAC25-670 et seq., 9VAC25-680 et seq., and 9VAC25-690 et seq.

The LWBs regulate activities in tidal wetlands and dunes/beaches under Code of Virginia Title 28.2, Chapters 13 and 14.

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:~~

http://www.dcr.virginia.gov/chesapeake_bay_local_assistance/ or contact the Division at:
Department of Conservation and Recreation
900 East Main Street, 8th Floor
Richmond, Virginia 23219
Phone: (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 . 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[(1)], as detailed in Appendix A.
- For projects with impacts to greater than 1 acre of wetlands, a functional values assessment[(3)].
- 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[2] 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[2].
- 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[3].
- 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

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. 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 ½ x 11 inch sheets of paper.***

CHECK ONE, if applicable:	Pre-Construction Notification (PCN) ☐ *(For Nationwide Permits ONLY)*	SPGP ☐

1. PROJECT LOCATION INFORMATION **(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: James River Subbasin: Middle James River*)	
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 www.epa.gov/surf/): _____ If known, indicate the 10-digit and 12-digit USGS HUCs (see http://www.dcr.virginia.gov/soil & water/hu.shtml): _____ _____	
Name of your project (*Example: Water Creek driveway crossing*) _____	
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:	

FOR AGENCY USE ONLY	
	Notes:
JPA#	

Revised: July 2008

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	*Example: F, NT, PE, V*		
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 (Ex: PFO wetland; 'C' Channel Stream)			
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			

For DEQ permitting purposes, also submit as part of this section a wetland and waters boundary delineation map[4] – 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
(Required for VMRC permit actions only) Property owner's name, if different from Applicant	*(Required for VMRC permit actions only)* 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_compcert.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: _____feet	*Maximum* channelward encroachment of the structure from Mean high water/ordinary high water mark: _____ feet Mean low water: _____feet
Maximum channelward encroachment form the back edge of the Dune _____feet	*Maximum* 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 _____No	Has 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? ___Yes _____ 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 *dredged* 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? _____Yes _____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? _____Yes _____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.shtm.
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

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)

For intakes:
- Type and size of pipe(s): _____
- Type and size of pump(s): _____
- Daily rate of withdrawal: _____mgd
- Velocity of withdrawal: _____fps
- Screen mesh size:_____inches / _____mm
  - If other sizing units, please specify:_____
- Contributing drainage area: _____square miles
- Average daily stream flow at site:_____cfs
- Average annual stream flow at site: _____cfs

For outfalls:
- 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

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

I, _____, own land next to/ across the water from/ in the same cove
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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 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 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 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

_____
Date

Proposed work to be located at:
_____
_____
_____
_____

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.

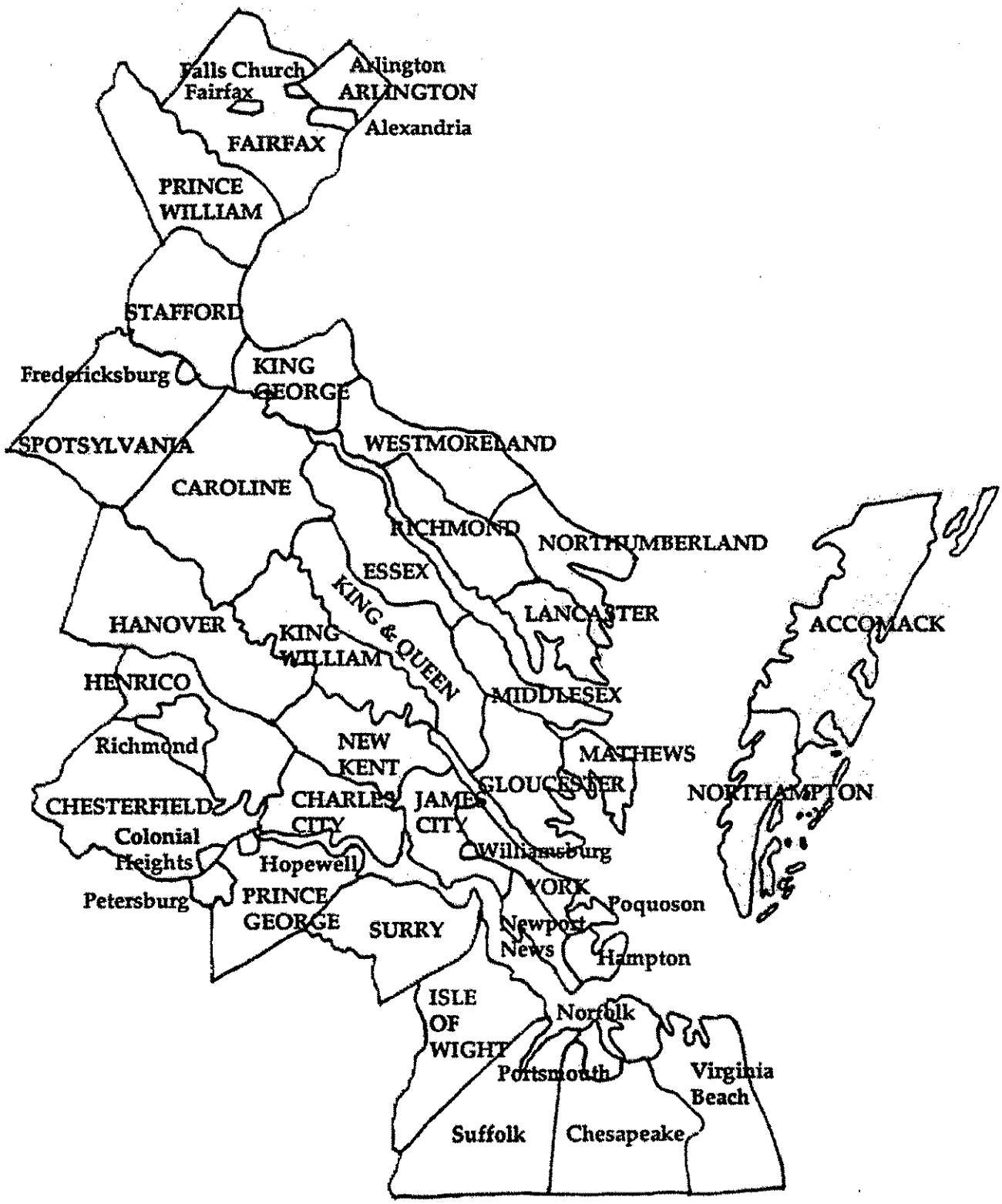
Notes for shoreline erosion control projects in RPAs

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



Revised: July 2008

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 ¼ 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

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****:*

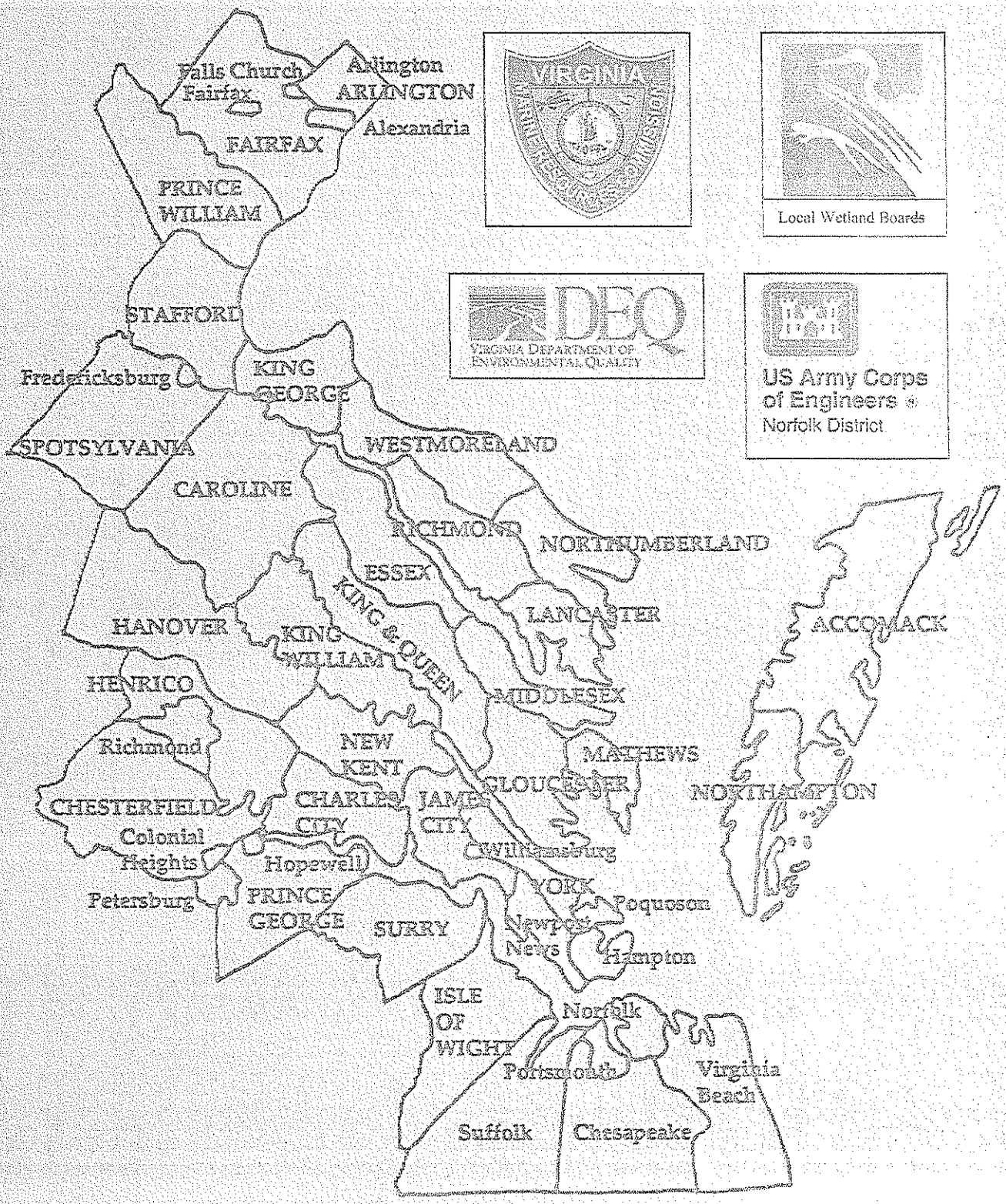
Resource impact/protection-specific Items:

- 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.

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



VIRGINIA MARINE RESOURCES COMMISSION

Local Wetland Boards

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

US Army Corps of Engineers
Norfolk District

December 2008 Revision

Regulatory Agency Contact Information

Virginia Marine Resources Commission (VMRC)
Habitat Management Division
2600 Washington Avenue, 3rd 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#, 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 . 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 statue.

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
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 appicable)_____

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 appicable)_____

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 appicable)_____

*** 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.

FOR AGENCY USE ONLY	
	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 appicable)_____

*** 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:

Agency / Representative	Activity	Permit/Project No.	Action** & Date

(**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

Date_____

Proposed work to be located at:

_____

_____

_____

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)

4. Provide the type, size, and registration number of the vessel(s) to be moored at the pier or mooring buoy.

Type	Length	Width	Draft	Registration

5. For **Marinas, Commercial Piers, Community Piers and other non-private piers**, provide the following information:
   A) Have you obtained approval for sanitary facilities from the Virginia Department of Health?_____ (required pursuant to Section 28.2-1205C of the Code of Virginia).
   B) Will petroleum products or other hazardous materials be stored or handled at your facility?_____.
   C) Will the facility be equipped to off-load sewage from boats?_____.
   D) How many wet slips are proposed?_____. How many are existing?_____.
   E) What is the area of the piers and platforms that will be constructed over
      Tidal wetlands _____ square feet
      Submerged lands _____square feet

6. For **boat ramps**, what is the overall length of the structure?_____feet.
   from Mean High Water?_____feet.
   from Mean Low Water?_____feet.

   Note: drawings must include the construction materials, method of installation, and all dimensions. If tending piers are proposed, complete the pier portion.
   Note: If dredging or excavation is required, you must complete the Standard Joint Point Permit application.

7. For **aquaculture-related structures**:
   Will the activity be commercial?_____Yes _____No

   Will the proposed structures be attached to an existing pier or other structure?____Yes____No
   What is the maximum area (square feet) of submerged land that will be occupied by the proposed structures?_____ square feet.

   Describe the activity from time of acquisition of seed or other source material to the time of harvest, the source of the animals/plants, and clearly show distance to all proposed and existing structures and shellfish lease boundaries (if applicable) in your drawings. Include bathymetry (depths), relative to mean low water in your plan view drawing and show the location of any Submerged Aquatic Vegetation (SAV) in the project vicinity. **(NOTE: the presence or absence of SAV will be field verified during the project review).**

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 .

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 <u>ALL</u> 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.

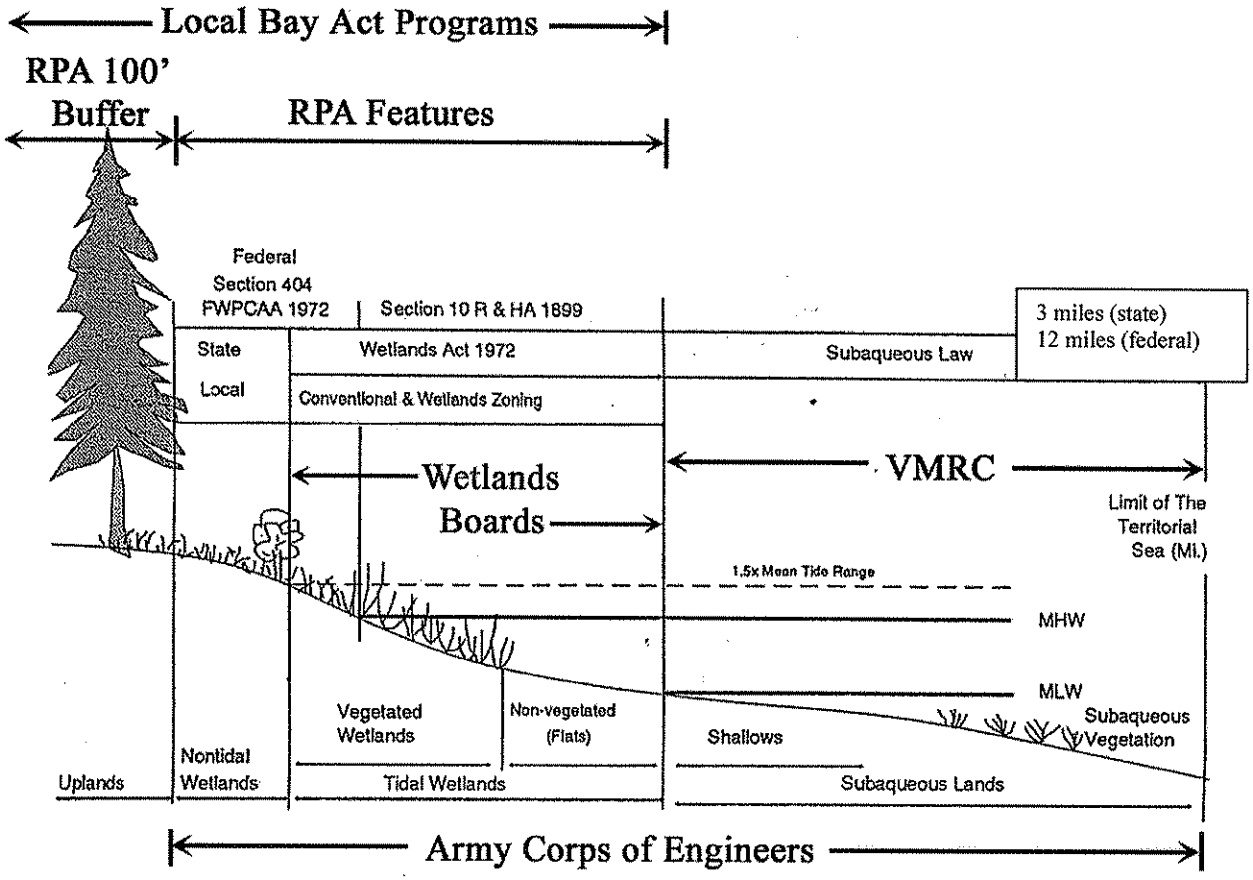
Notes for shoreline erosion control projects in RPAs

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:

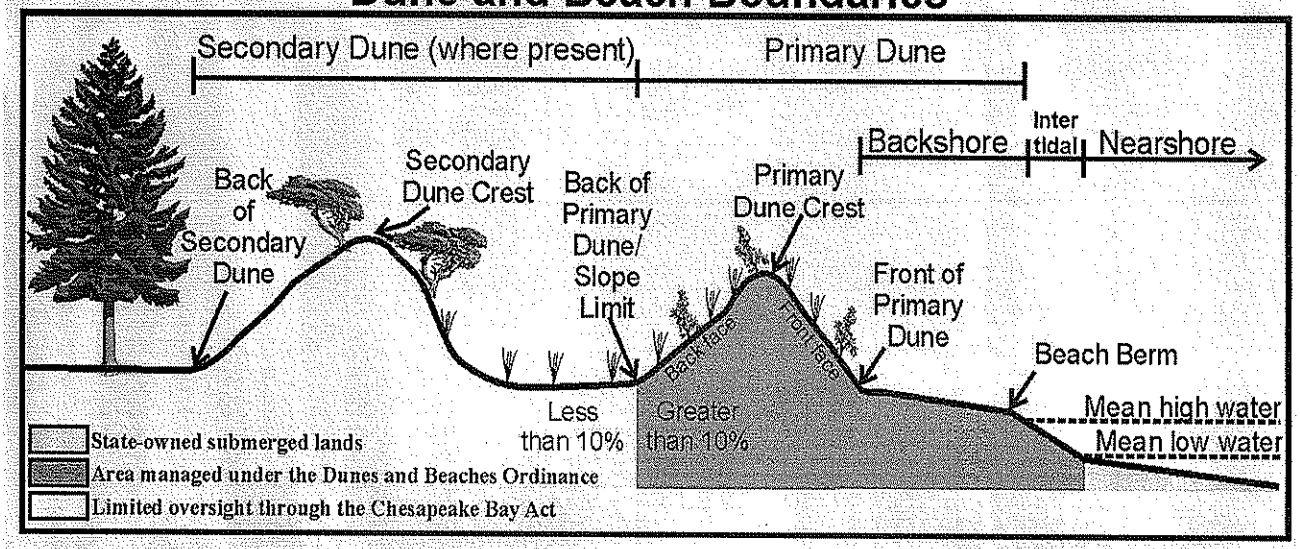
1. Any proposed shoreline erosion control measure is necessary and consistent with the nature of the erosion occurring on the site, and the measures have employed the "best available technical advice"
2. Indigenous vegetation will be preserved to the maximum extent practicable
3. Proposed land disturbance 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.

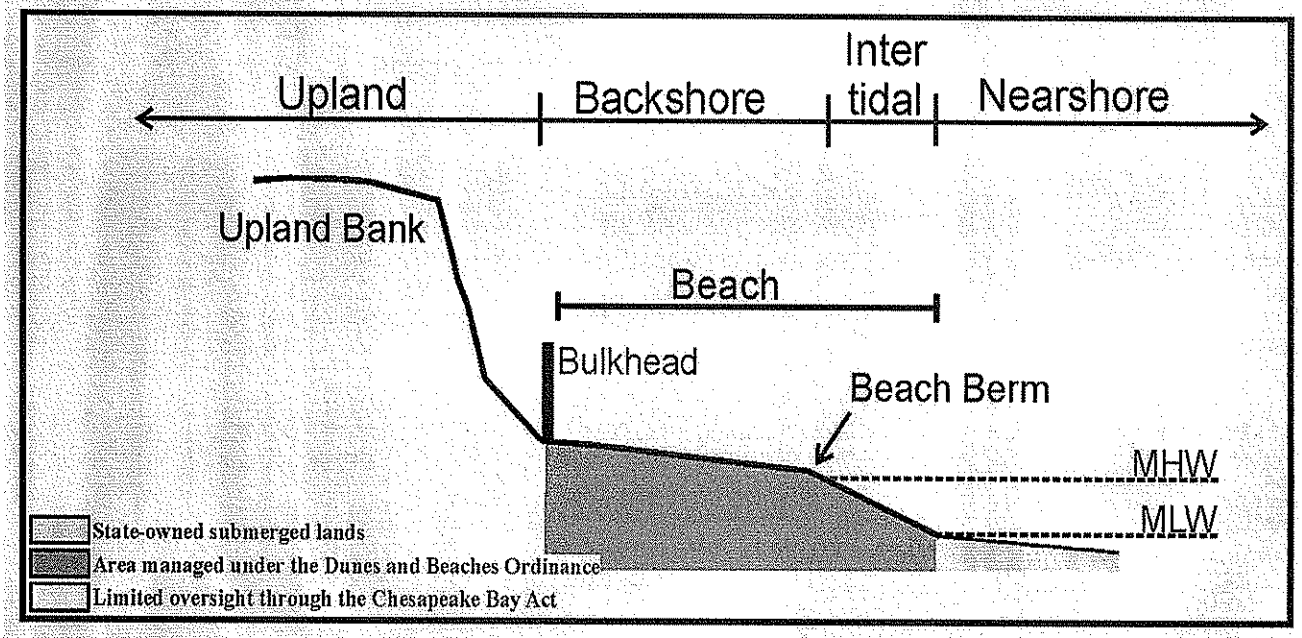
JURISDICTIONAL BOUNDARIES

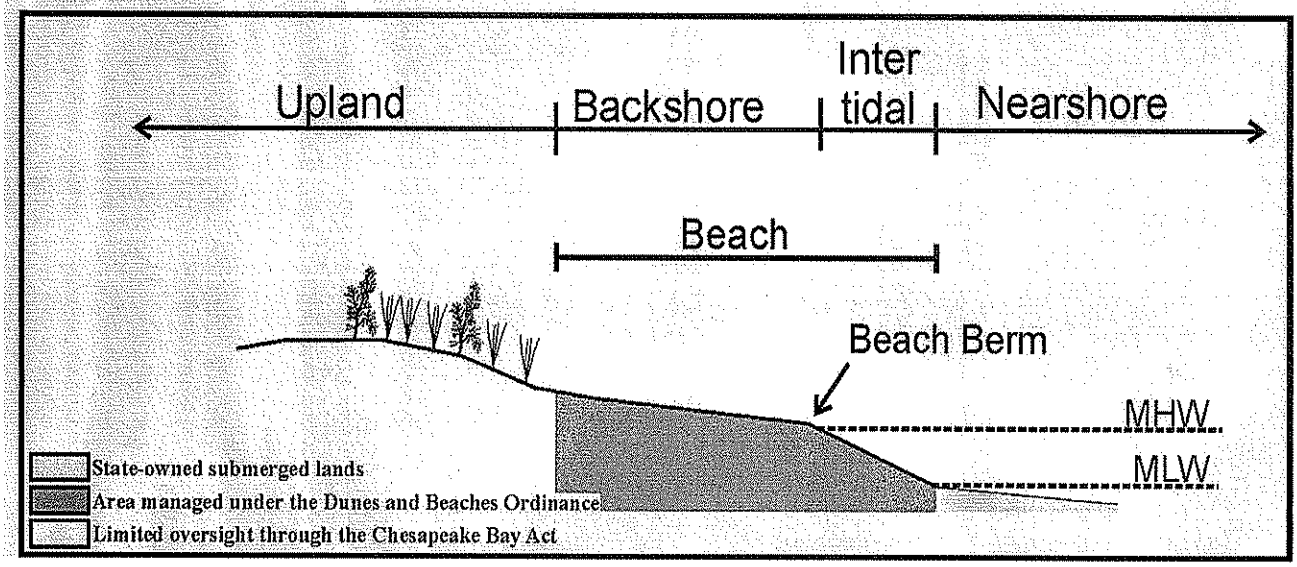


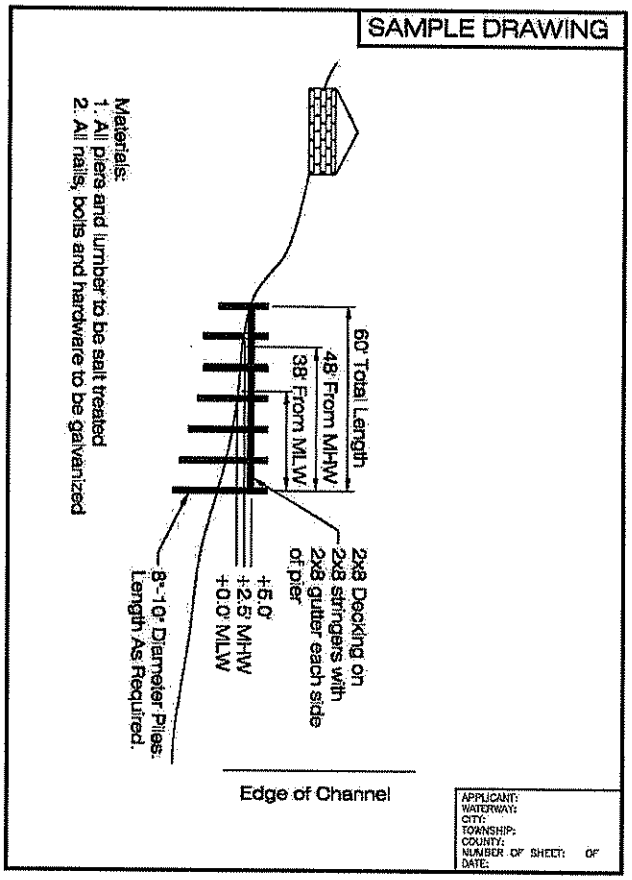
and DEQ (including isolated wetlands)

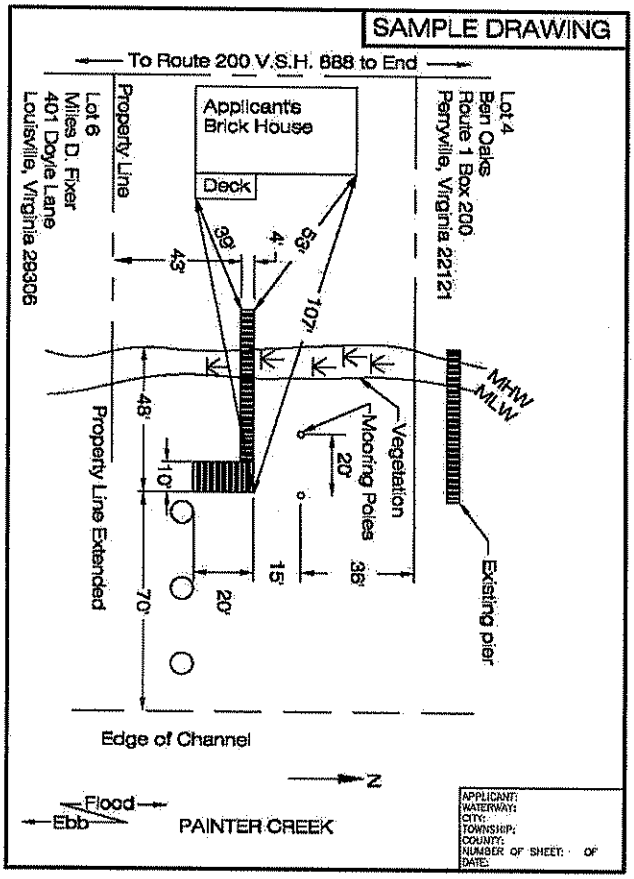
Dune and Beach Boundaries



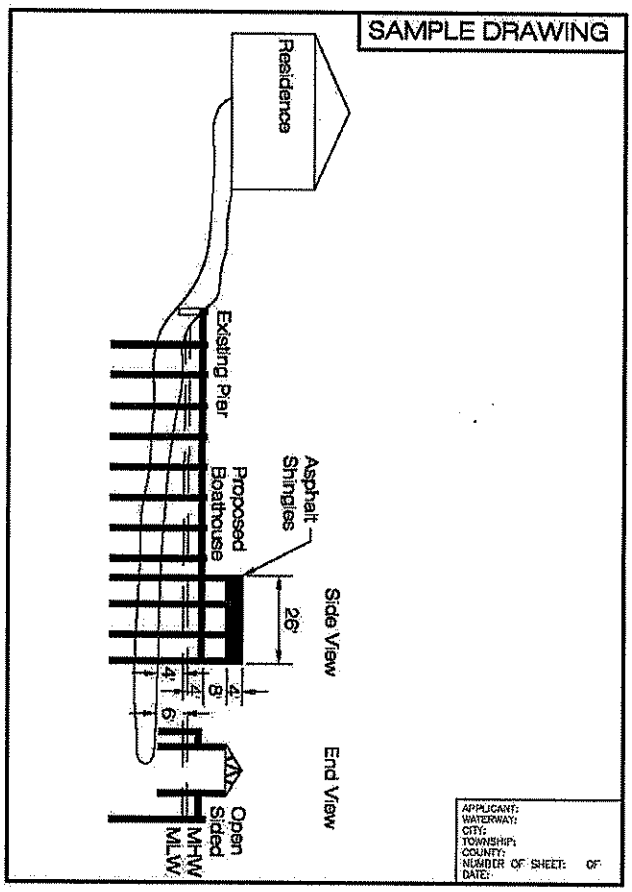


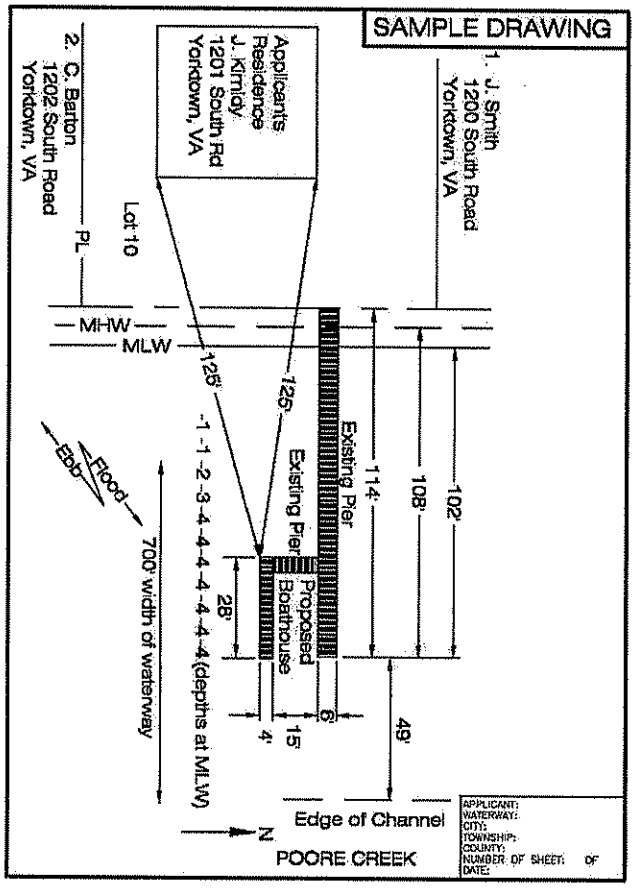




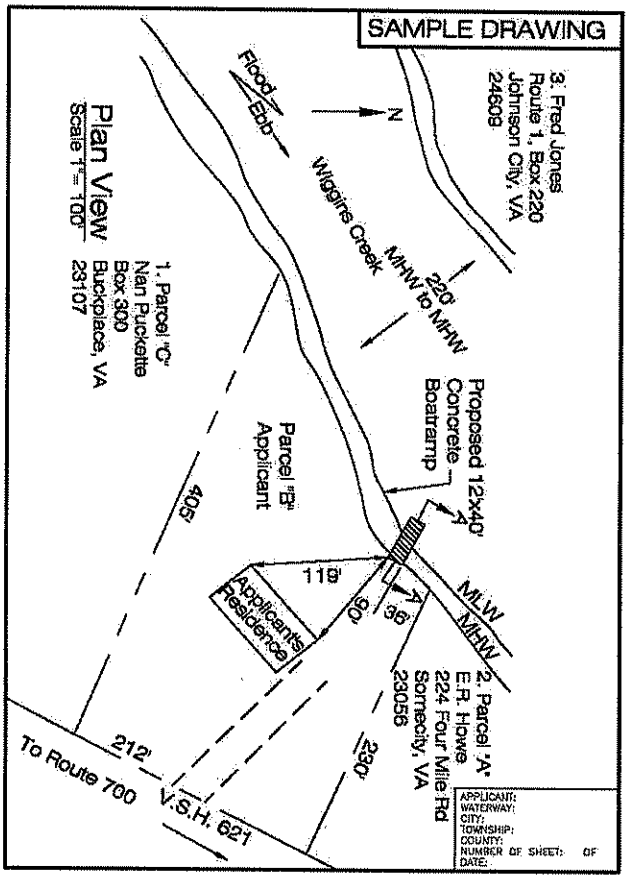


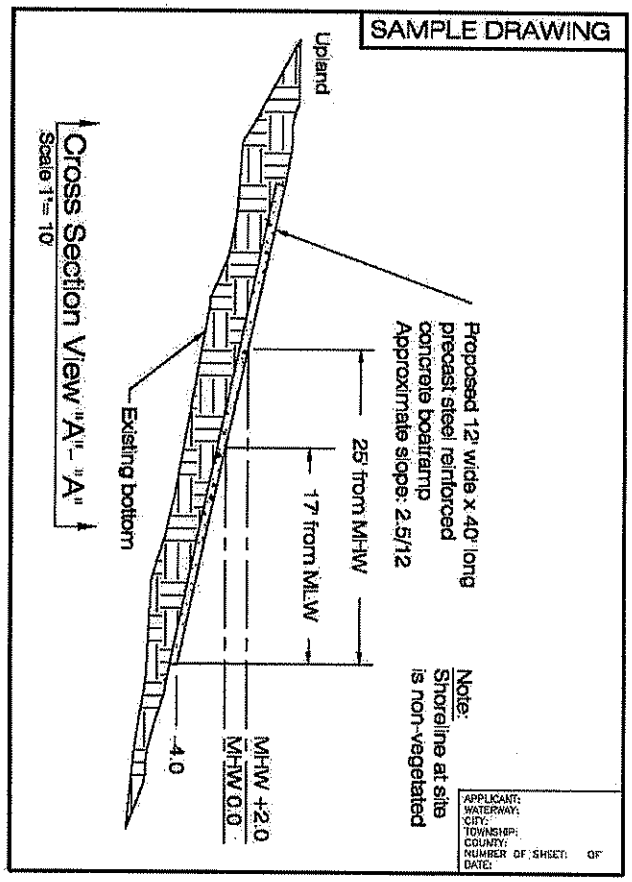
Private Piers & Marginal Wharves



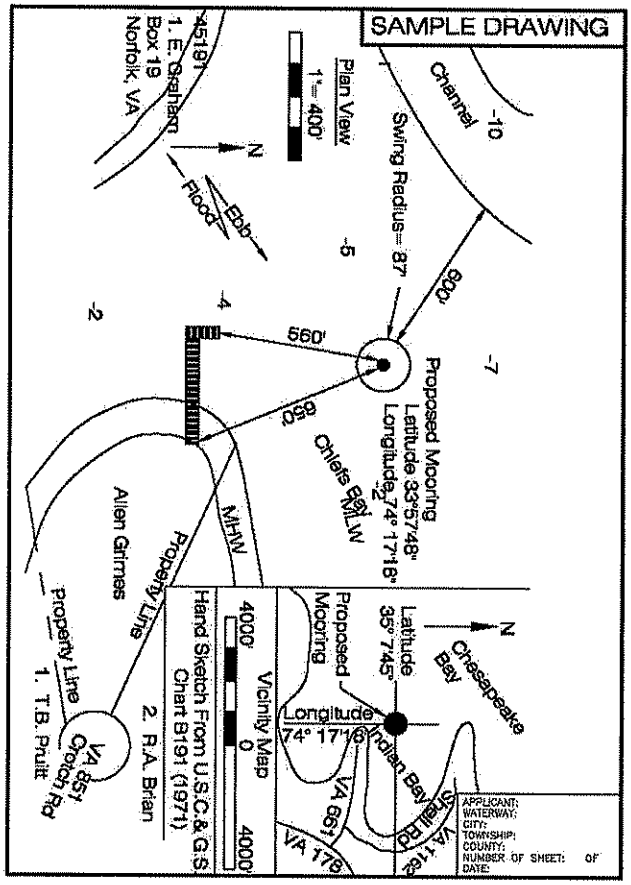


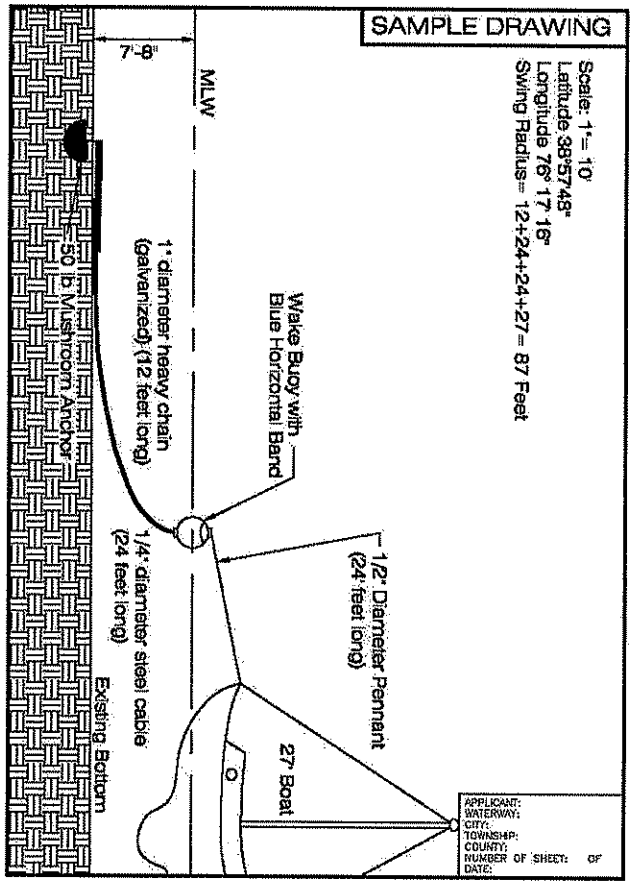
Boathouses



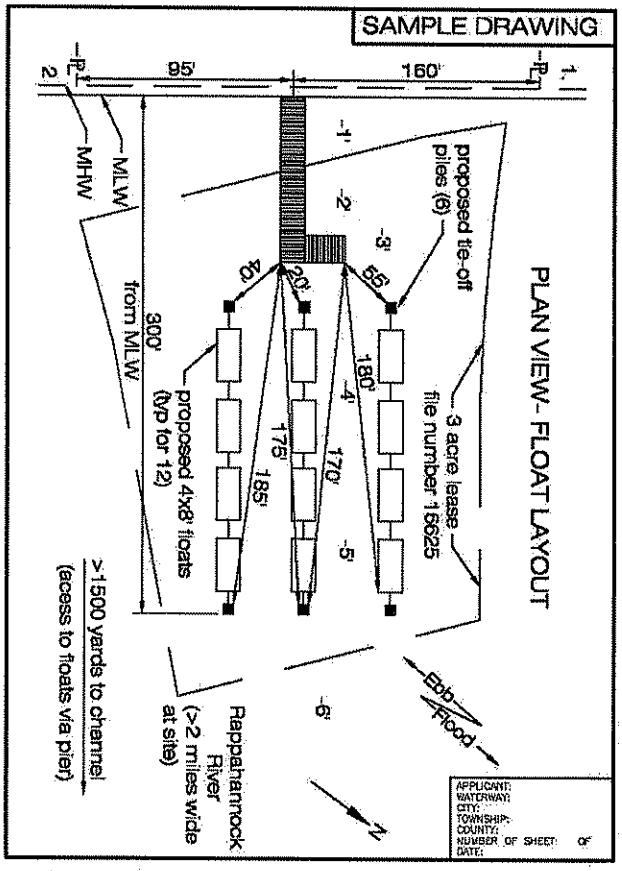


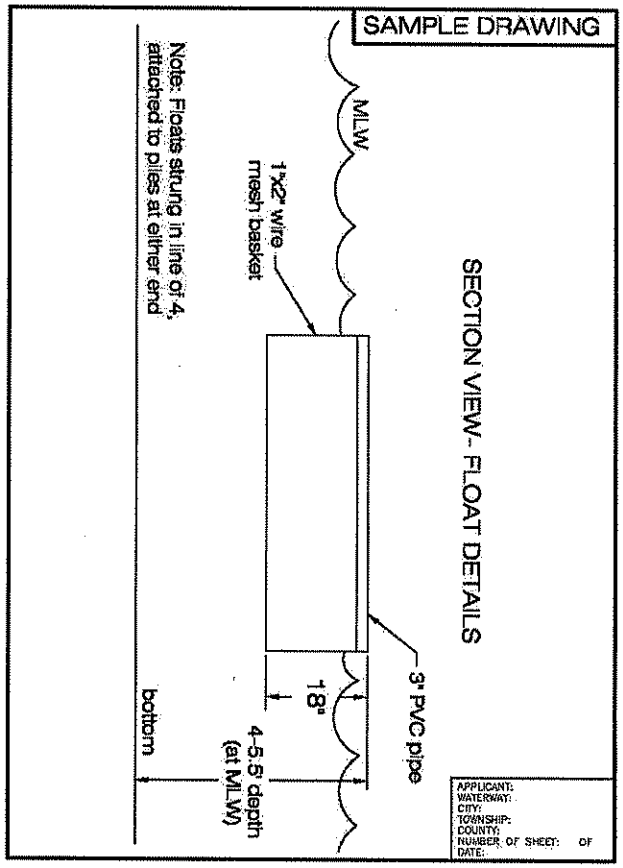
Boat Ramps



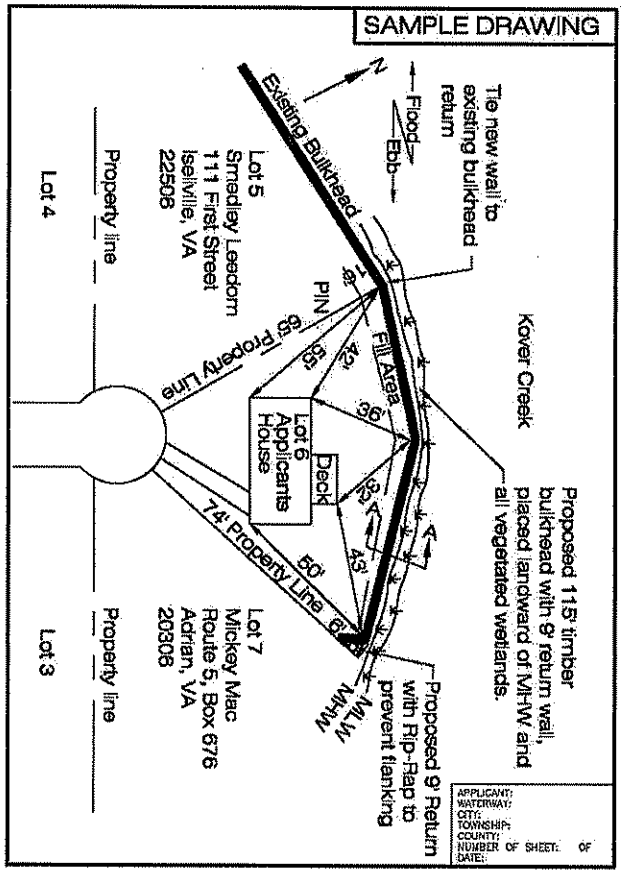


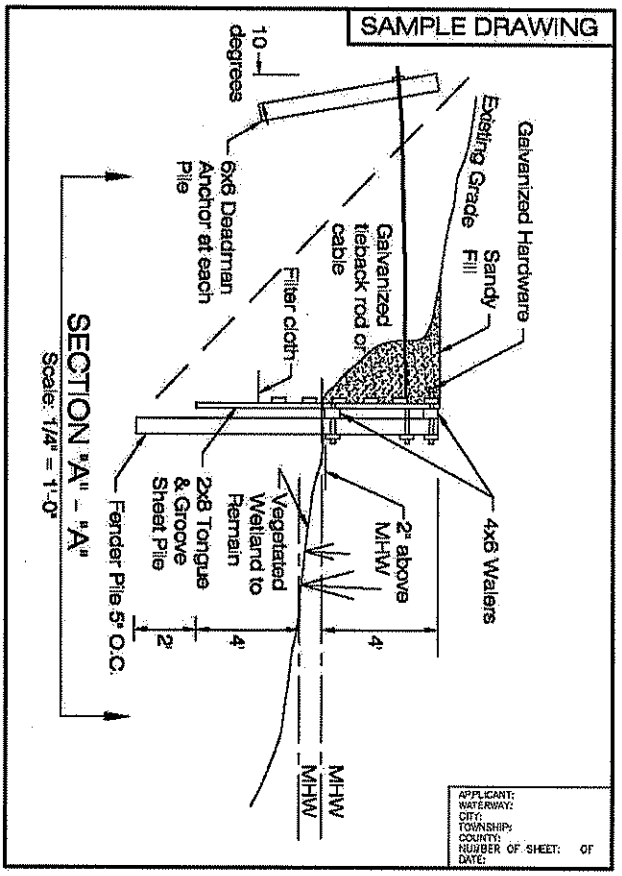
Dolphins or Moorings



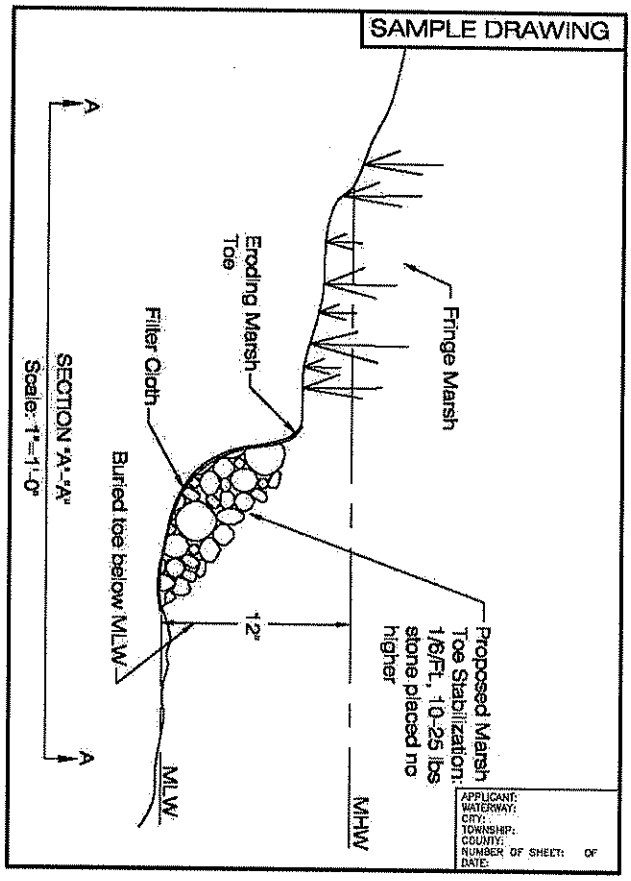


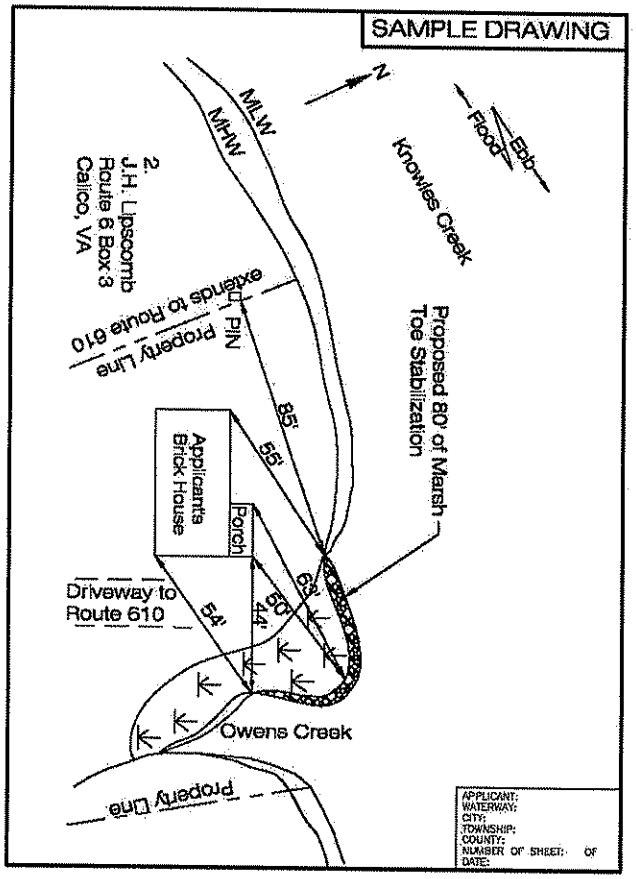
Private & Commercial Aquaculture Activities



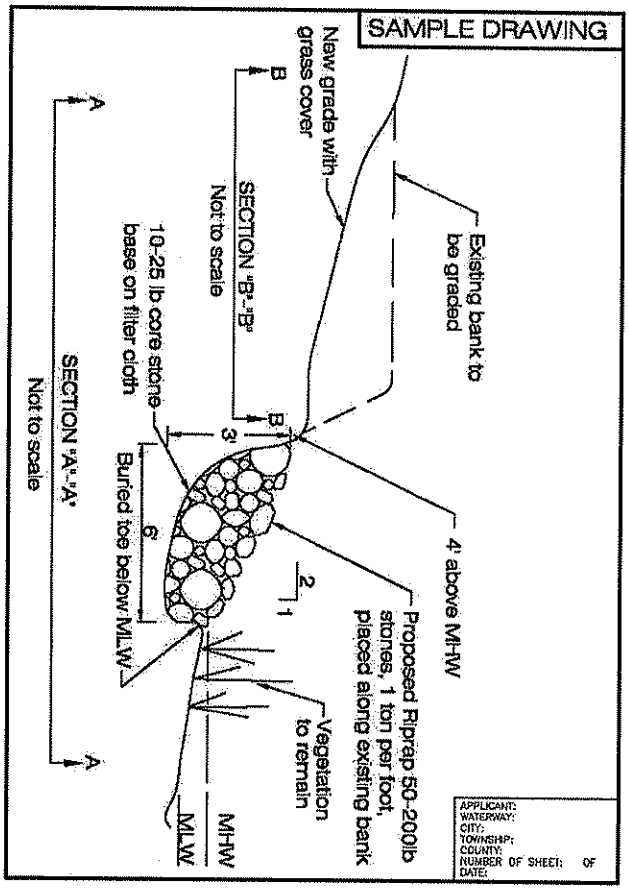


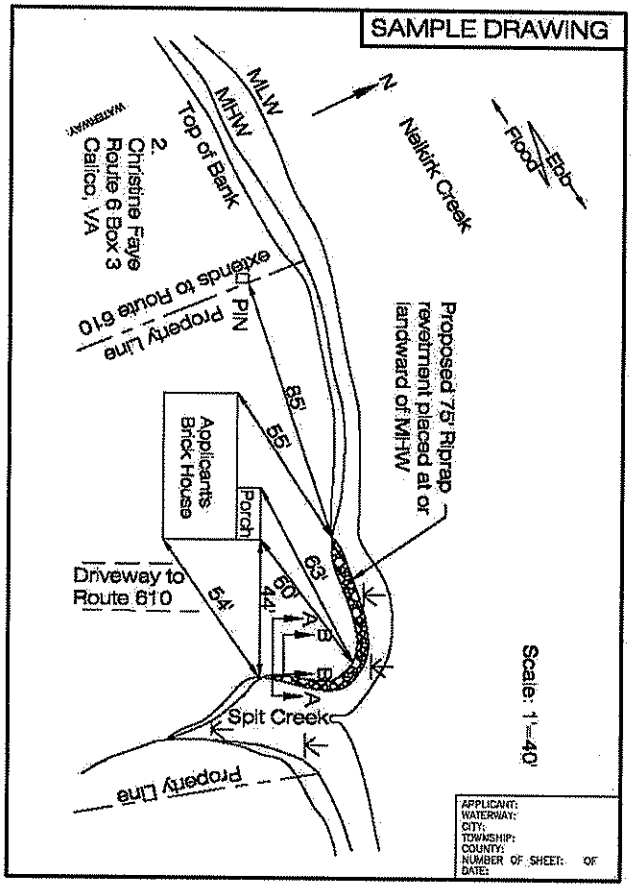
Bulkheads and Associated Backfill



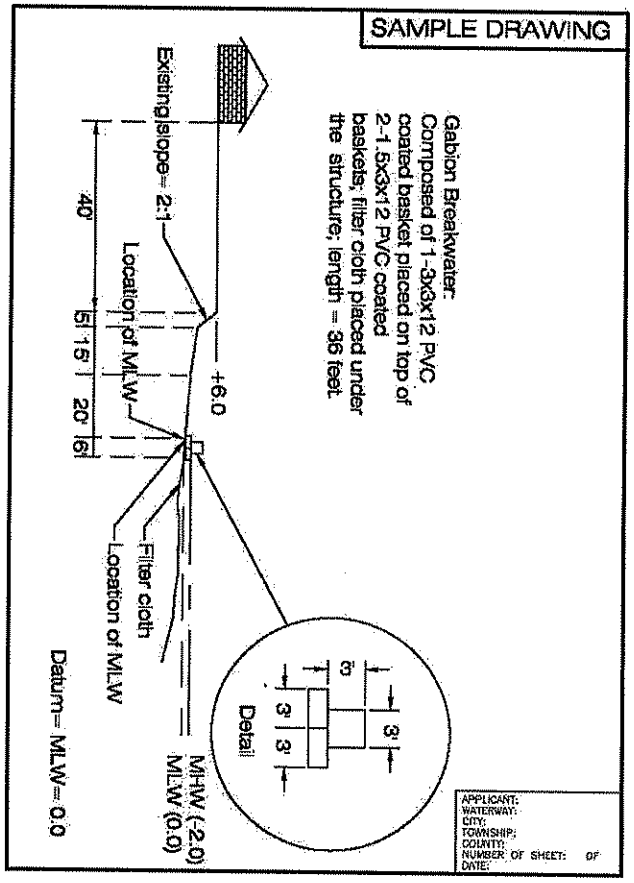


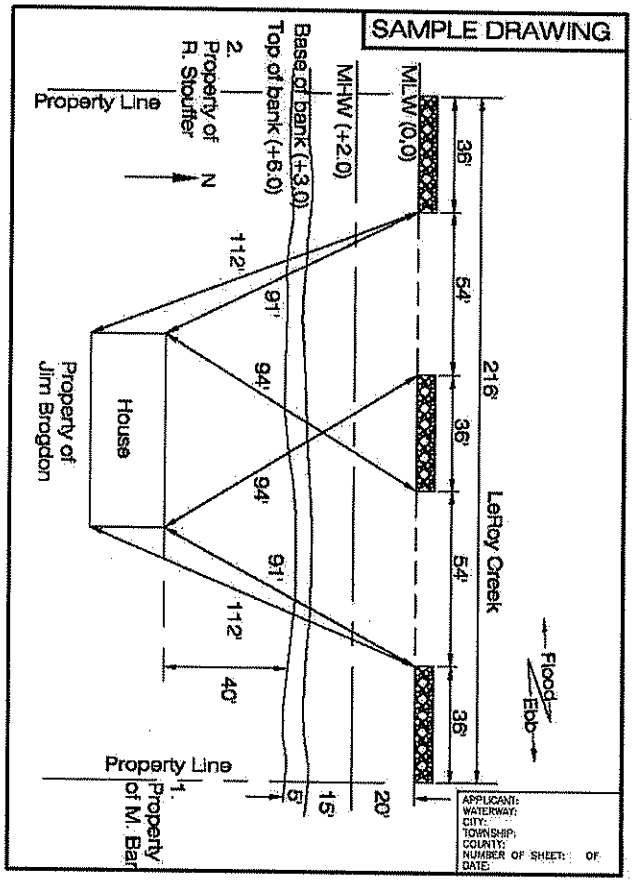
Marsh Toe Stabilization



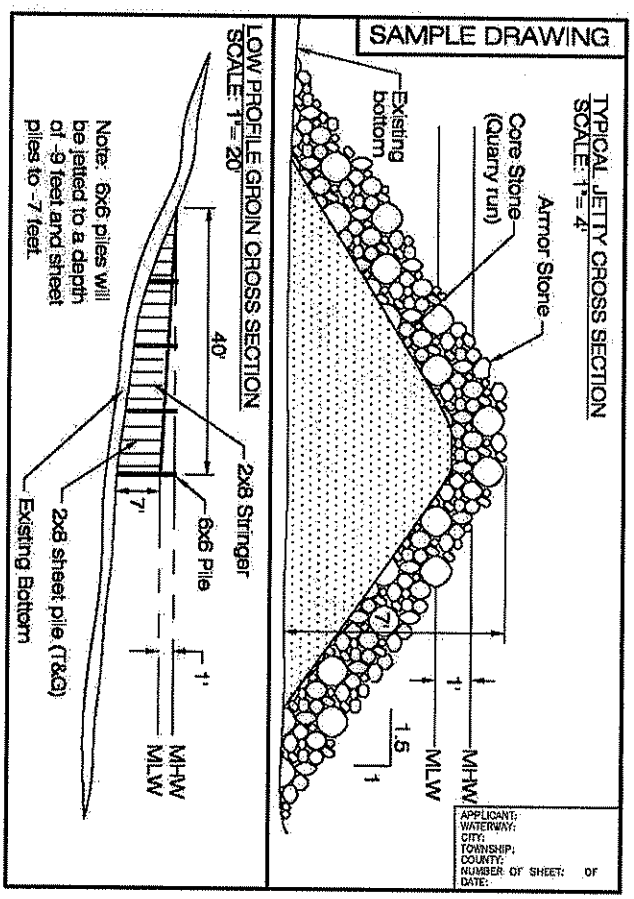


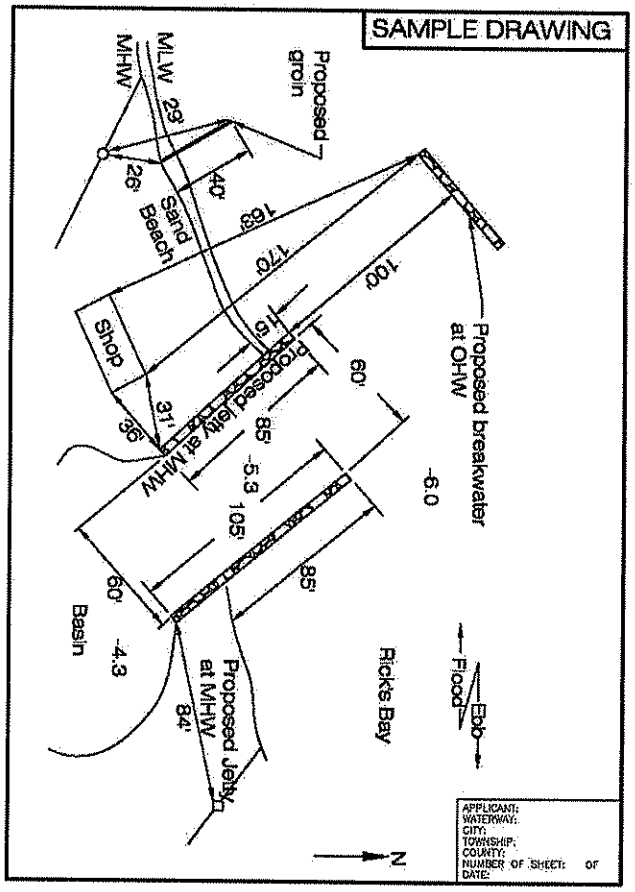
Riprap Revetment & Associated Backfill



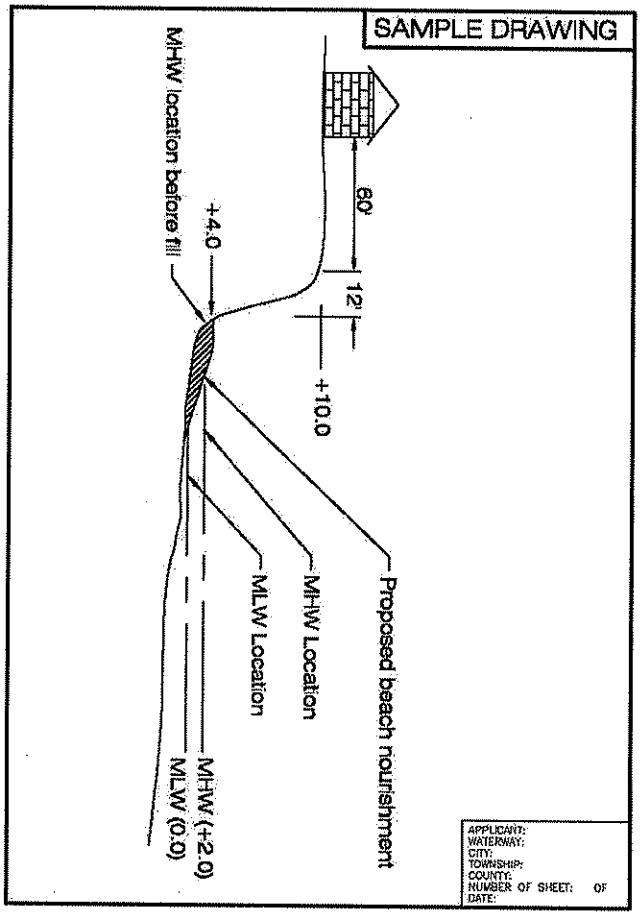


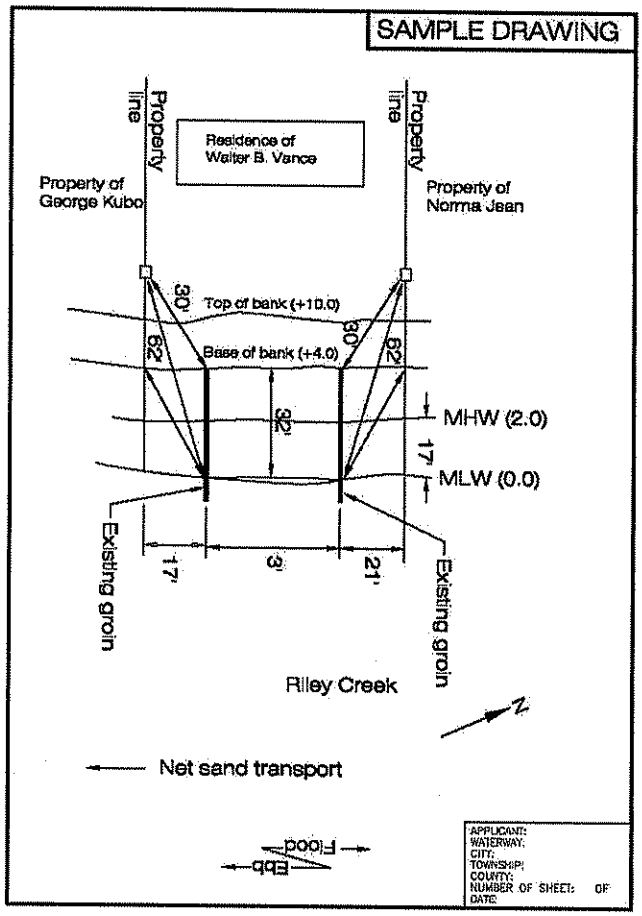
Breakwaters





Groins & Jetties





Beach Nourishment

ATTACHMENT C

Permit Placard

VIRGINIA MARINE RESOURCES COMMISSION
Permit Compliance
And
Inspection Program

November 2011

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 2011

UNITED STATES POSTAGE
PITNEY BOWES
02 1A $ 00.24⁰
0004243259 SEP 13 2006
MAILED FROM ZIP CODE 23607

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 2011

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 The 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.

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

MRC 30-317

VMRC #05-0012
Applicant: Mr. Daniel Ludeman

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:

_X_ 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, 2008**. 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.

VMRC #05-0012

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 Luderman

11 day of April, 2005 By [signature] Property Owner

(Name) (Title)

State of Virginia

City (or County) of Richmond, to-wit:

I, Cindy W. Hughes a Notary Public in and for said City (or County) and State hereby certify that Daniel J. Luderman, 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: July 31, 2007

Notary Public Cindy W. Hughes

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:

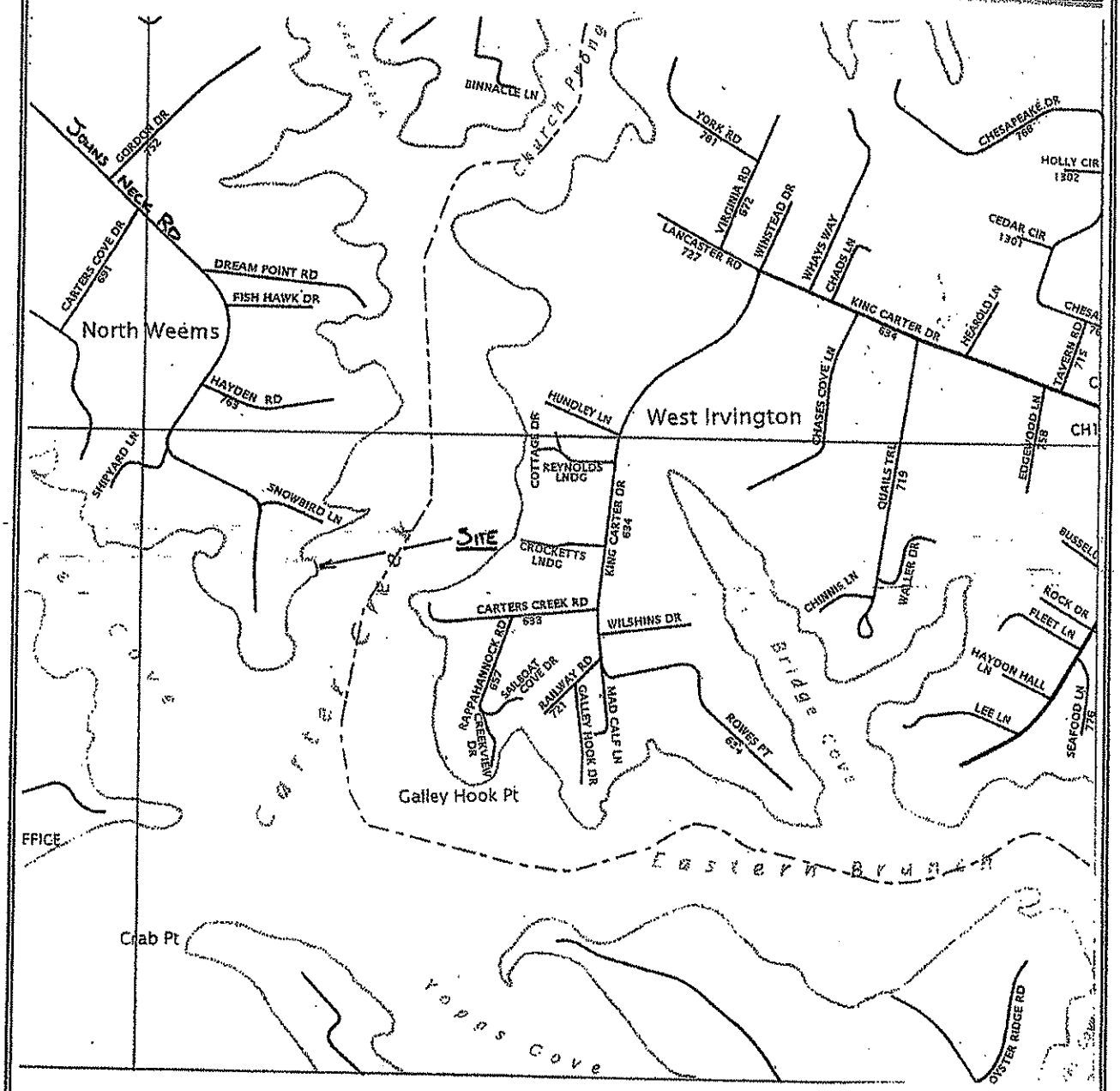
I, Barbara A. Cundiff, a Notary Public within and for said City, State of Virginia, hereby certify that Robert W. Grabb, whose name is signed to the foregoing, bearing the 28th day of March 2005, has acknowledged the same before me in City aforesaid.

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

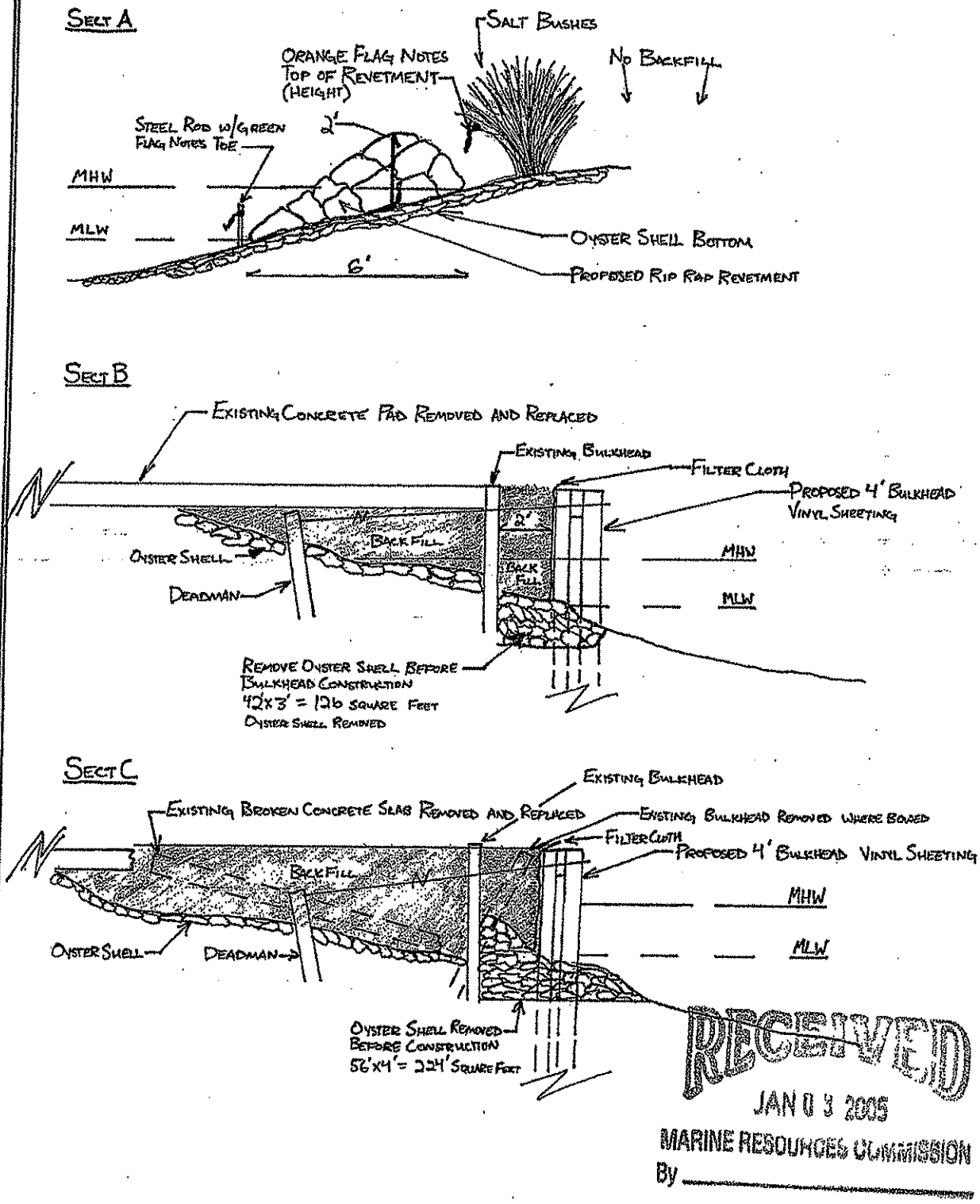
My Commission Expires: 4-30-2007

Notary Public Barbara A. Cundiff

RECEIVED
JAN 03 2005
MARINE RESOURCES COMMISSION
By

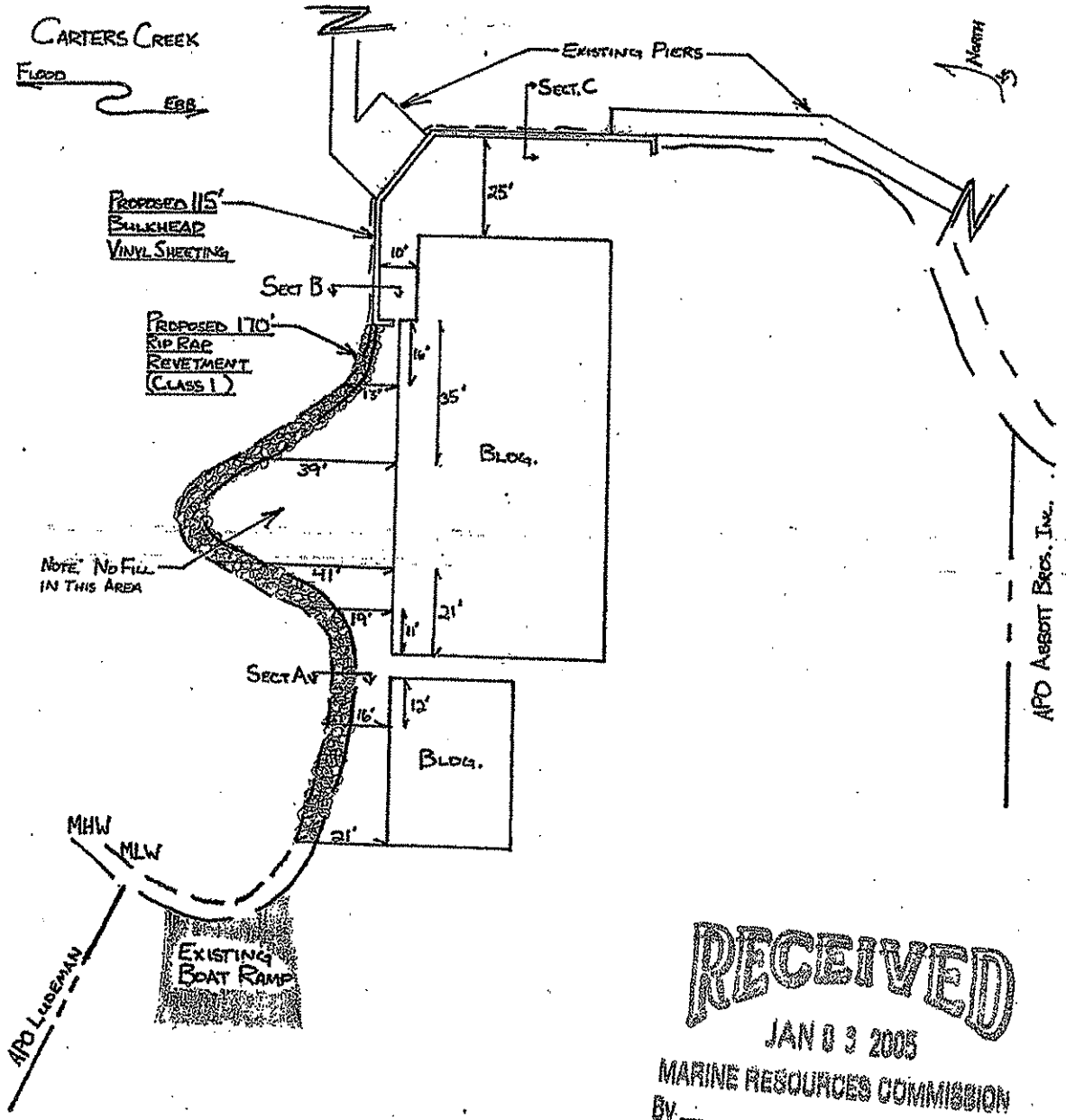


MAP	PROPOSED REVETMENT & BULKHEAD — CARTERS CREEK DANIEL LUDEMAN — LANCASTER CO. 33-196 JOHNS NECK ROAD — DECEMBER 2004 / SHEET 3 OF 3



RECEIVED
JAN 03 2005
MARINE RESOURCES COMMISSION
By _____

CROSS SECTION VIEW SCALE: 1" = 4'	PROPOSED REVETMENT & BULKHEAD DANIEL LUDEMAN JOHNS NECK ROAD	CARTERS CREEK LANCASTER CO. 33-196 DECEMBER 2004 / SHEET 2 OF 3



RECEIVED
JAN 0 3 2005
MARINE RESOURCES COMMISSION
By

Plan View **Scale: 1" = 40'**	**Proposed Revetment & Bulkhead** **Daniel Ludeman** **Johns Neck Road**	**Carters Creek** **Lancaster Co. 33-196** **December 2004 / Sheet 1 of 3**

ATTACHMENT F

Sample Project Compliance Assessment Worksheet

VIRGINIA MARINE RESOURCES COMMISSION
Permit Compliance
And
Inspection Program

November 2011

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 2011

Virginia Marine Resources Commission
Compliance Inspection Summary
2010-10-01 Through 2011-09-30

Print Date: Monday November 7 2011

Degree of Complaince	Count
In Compliance	321
Not Constructed	54
Moderate Compliance	15
Unable to Determine	12
Out of Compliance	4
	2

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20100684	2010-10-05	No Permit Nec	Bulkhead	Westmoreland	Dan Bacon	In Compliance
Applicant: Carol Miller						
20100741	2010-10-05	No Permit Nec	Bukhead/Pier	Westmoreland	Dan Bacon	Moderate Compliance
Applicant: Mike Frye						
20072239	2010-10-05	Issued	Pier/Lift/PWD Lifts (Lot 18, Blk 55)	Westmoreland	Dan Bacon	In Compliance
Applicant: Colonial Beach, Town of						
20070405	2010-10-07	Issued	Richmond Quarry Pier	Richmond City	Randy Owen	In Compliance
Applicant: Vulcan Construction Materials						
20091568	2010-10-19	Issued	310' Riprap sill amlw (add groin 3/10)	Lancaster	Jay Woodward	In Compliance
Applicant: Avalon Pittman Trust						
20100744	2010-10-21	Issued	Riprap	Westmoreland	Dan Bacon	In Compliance
Applicant: R Hood						
20100628	2010-10-21	Issued	Pier/Lift/Riprap	Westmoreland	Dan Bacon	In Compliance
Applicant: Pat Warmbier						
20071024	2010-10-22	Issued	8'x1510" pier/2028 sq ft deck area/7 lifts	Gloucester	Chip Neikirk	In Compliance
Applicant: T. Wells						
Comments: could not confirm 140' set back from property line but it appears correct based on pvc staked alignment. per Chip						
20071647	2010-11-01	Issued	7 Dayboard Navigation Markers	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk, City of						
Comments: checked using GIS						
20071578	2010-11-02	Issued	Ramp/Pier	Charles City	Brad Reams	Out of Compliance
Applicant: John Hofmeyer, Jr.						
Comments: given to Randy on 11/23/10 and He said he would call Mr.Hofmeyer regarding his violation. pier & l-head larger than permitted.						
20090332	2010-11-02	No Permit Nec	Marsh Toe Sill	Newport News	Brad Reams	In Compliance

Virginia Marine Resources Commission
Compliance Inspection Summary
2010-10-01 Through 2011-09-30

Print Date: Monday November 7 2011

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Jeff Morrison						
20090413	2010-11-02	No Permit Nec	Riprap (mm canal)	James City	Brad Reams	In Compliance
Applicant: John DeSantis						
20090265	2010-11-02	No Permit Nec	Riprap above mlw	Hampton	Brad Reams	Unable to Determine
Applicant: Hampton Bay Condo Association						
20100503	2010-11-16	Issued	Non-riparian Pier	Norfolk	Brad Reams	In Compliance
Applicant: Anthony Hage, Jr.						
20100142	2010-11-16	Issued	Pier	Newport News	Brad Reams	In Compliance
Applicant: David Brinker, et al						
20100732	2010-11-16	Issued	Kayak-Canoe Pier	Norfolk	Brad Reams	In Compliance
Applicant: River House Apts., LLC						
20071474	2010-11-17	Issued	100' replacement vinyl bulkhead	Mathews	Brad Reams	In Compliance
Applicant: Andrew Carington						
20071805	2010-11-17	Issued	350' Riprap Revetment along old bulkhead	Gloucester	Brad Reams	In Compliance
Applicant: James Fang						
20091324	2010-11-17	Issued	3 Groins/Riprap	Essex	Brad Reams	In Compliance
Applicant: Gregory Stoneman						
20090841	2010-11-17	No Permit Nec	Bulkhead	Essex	Brad Reams	In Compliance
Applicant: Keith Charles						
20041598	2010-11-23	Issued	Pier/Dredge/Marsh Toe Stab. (Doug Volz co-app)	York	Brad Reams	In Compliance
Applicant: Timothy McCulloch, et al						
Comments: 30' Jetty extension not completed. Went over this permit with Randy in his office 11/23/10.						
20071739	2010-11-30	Issued	Scrubber Ductwork Overhang	Chesterfield	Brad Reams	Unable to Determine
Applicant: Virginia Electric and Power Company						
Comments: no measurements could be taken for this permit.						
20071357	2010-12-01	Issued	Jetty (A. N. Johnston)	Essex	Brad Reams	In Compliance
Applicant: Daingerfield Subdivision Homeowners Assoc., Inc.						
20071889	2010-12-01	Issued	Dredge/Ramp/Pier (David Hanny)	King and Queen	Brad Reams	In Compliance
Applicant: Mantapike Homeowners Association, et al						
20100274	2010-12-01	Issued	Lift/Pier/Ramp/Riprap	Richmond County	Brad Reams	Not Constructed
Applicant: Marvin Nielsen						
20091419	2010-12-01	Issued	Lift/Pier/Riprap	West Point	Brad Reams	In Compliance
Applicant: James Nagy						
20091369	2010-12-01	Issued	Marsh Toe Sill (Phase II)	York	Brad Reams	In Compliance
Applicant: Mark Babcock						
20091003	2010-12-01	Issued	Community Tending Pier	Essex	Brad Reams	In Compliance

Virginia Marine Resources Commission
Compliance Inspection Summary
2010-10-01 Through 2011-09-30

Print Date: Monday November 7 2011

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Laytons Incorporated						
20101255	2010-12-02	No Permit Nec	Bukhead	Westmoreland	Dan Bacon	In Compliance
Applicant: Berkley Mitchell						
20072279	2010-12-02	Issued	33' revetment/ 185' Breakwater/sill/nourishment	Gloucester	Brad Reams	In Compliance
Applicant: W Wilson						
20090937	2010-12-02	Issued	Pier/Covered Lift	York	Brad Reams	In Compliance
Applicant: Robert Lehman						
20072280	2010-12-02	Issued	Bulkhead/Dredge(manmade basin) 427 Riprap	Gloucester	Brad Reams	In Compliance
Applicant: Clyde Groover						
20072014	2010-12-02	Issued	Bulkhead (Joan/Richard Goode -co-apps)	Westmoreland	Dan Bacon	In Compliance
Applicant: Charles Goode, et al						
Comments: bulkhead in compliance. Pier partially removed and was informed to submit JPA if more work was to be done.						
20072233	2010-12-02	Issued	24' rr revetment abv mlw/88' rr marsh toe sill	Mathews	Brad Reams	In Compliance
Applicant: Susan Goldstein						
20072267	2010-12-02	Issued	64' Pier Ext (168' total)/Osprey pole	Lancaster	Jay Woodward	In Compliance
Applicant: Warren Hottle						
20100768	2010-12-07	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: M Ashworth, et al						
20101095	2010-12-07	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Margaret Talley						
20100504	2010-12-07	Issued	Osprey Nesting Pole	Northumberland	Brad Reams	In Compliance
Applicant: Kenneth Greer						
20091046	2010-12-07	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Roy Watts						
20091035	2010-12-07	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Gray Campbell						
20090943	2010-12-07	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Ilva Madej						
20071822	2010-12-08	Issued	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Stuart Wedel						
20090473	2010-12-08	Issued	13 Mooring Piles	Northumberland	Brad Reams	In Compliance
Applicant: Jennings Boatyard,Inc.						
20090778	2010-12-08	Issued	Breakwater	Northumberland	Brad Reams	Not Constructed
Applicant: Michael Lennon						
20090844	2010-12-08	No Permit Nec	Pier/Lift/PWC Lifts/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Philip Haynie, II						

Virginia Marine Resources Commission
Compliance Inspection Summary
2010-10-01 Through 2011-09-30

Print Date: Monday November 7 2011

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20090936	2010-12-08	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: J Fox						
20090828	2010-12-08	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Merle Diven						
20090924	2010-12-08	No Permit Nec	Bulkhead/Lift/Pier	Northumberland	Brad Reams	In Compliance
Applicant: Timothy Halstead						
20071867	2010-12-10	Issued	170' Riprap (130' revet amlw, 40' sill bmlw)	Lancaster	Jay Woodward	In Compliance
Applicant: Roger Lawson						
20072286	2010-12-10	Issued	95' Pier/155' Riprap bmlw(remove bulk)	Lancaster	Jay Woodward	In Compliance
Applicant: Leonard Duke						
20072557	2010-12-15	Issued	265' riprap along bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: B Soyars, Jr.						
20100896	2010-12-15	Issued	Bulkhead/Lift/Pier	Hampton	Brad Reams	In Compliance
Applicant: Bill Brown						
20060583	2010-12-15	Issued	Extend Pier	Essex	Brad Reams	In Compliance
Applicant: Vincent Bailey						
20072086	2010-12-15	Issued	64' replacement Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Jim Simpson						
20070391	2010-12-15	Issued	Breakwaters/Riprap/Beach Nourishment	Gloucester	Brad Reams	In Compliance
Applicant: Thomas Jamison						
20070543	2010-12-15	Issued	100' Bulkhead (60' replacement, 40' new)	Middlesex	Brad Reams	In Compliance
Applicant: Betty Holbert						
20090177	2010-12-15	No Permit Nec	180' riprap revetment above mlw	Gloucester	Brad Reams	In Compliance
Applicant: Mildred West						
20090053	2010-12-15	No Permit Nec	24' Pier/24x12' concrete paver boatramp abv mlw	Gloucester	Brad Reams	Not Constructed
Applicant: Norman French						
20091307	2010-12-15	No Permit Nec	146' replacement bulkhead/Pier - snug harbor canal	Gloucester	Brad Reams	Moderate Compliance
Applicant: David Allen						
Comments: bulkhead average about 2.5' channelward						
20041305	2010-12-20	Issued	Bulkhead/2 Lifts/Pier/Ramp	King George	Dan Bacon	Not Constructed
Applicant: Alice Palivoda						
20070057	2010-12-20	Issued	Bulkhead/Riprap/Dredge	King George	Brad Reams	In Compliance
Applicant: Jay Jarrell						
20091522	2010-12-20	Issued	4 Groins/Groin Repair/Pilings	King George	Dan Bacon	In Compliance
Applicant: Potomac Landing Property Owners Association						
20101028	2011-01-04	Issued	Bulkhead Repair/Excavate	Suffolk	Brad Reams	In Compliance

Virginia Marine Resources Commission
Compliance Inspection Summary
2010-10-01 Through 2011-09-30

Print Date: Monday November 7 2011

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: H South						
20042132	2011-01-04	Issued	Canoe Dock/8 Piers/Ramp	Lancaster	Jay Woodward	In Compliance
Applicant: Western Branch Preserve LLC						
20072498	2011-01-04	Issued	488' Riprap(add 65') 132' new bulkhead	Lancaster	Jay Woodward	In Compliance
Applicant: Chuck Marchetti						
20002079	2011-01-05	Issued	Pier	Virginia Beach	Brad Reams	In Compliance
Applicant: Virginia Beach Fishing Pier						
20100332	2011-01-05	Issued	Bulkhead / Enclosed Boathouse (ATF)	Virginia Beach	Brad Reams	In Compliance
Applicant: John Munford, II						
20061021	2011-01-05	Issued	Extend 2 Piers/Add 2 Lifts	Norfolk	Brad Reams	In Compliance
Applicant: Willoughby Boat Club Condominium						
20101068	2011-01-05	Issued	Cover existing Lift	Suffolk	Brad Reams	In Compliance
Applicant: Dwight Schaubach						
Comments: boathouse in compliance & discussed the extensions to the rear of the boathouse with Ben Stagg. After talking to Ben Stagg he feels they were used during construction and will be taken down.						
20090250	2011-01-06	No Permit Nec	Pier/Riprap along manmade canal	Virginia Beach	Brad Reams	In Compliance
Applicant: Fulton Bank						
20072103	2011-01-12	Issued	Pier/Riprap	Suffolk	Brad Reams	In Compliance
Applicant: Orbin Wright						
20072616	2011-01-12	Issued	320' Marsh Sill/72 cy Beach Nourishment	Chesapeake	Brad Reams	In Compliance
Applicant: Donald Mingione						
20100803	2011-01-12	Issued	Community Pier (Nansemond River Duck Club)	Suffolk	Brad Reams	Moderate Compliance
Applicant: Raymond Butler						
Comments: floating dock 1' wider but pier was 3' shorter.						
20090124	2011-01-12	No Permit Nec	250' Riprap (revised from 1,000')	Chesapeake	Brad Reams	In Compliance
Applicant: Davis Mellott						
20072426	2011-01-12	Issued	Replacement Bulkhead, 4 mooring dolphins	Chesapeake	Brad Reams	In Compliance
Applicant: Norfolk Dredging Company						
Comments: 4 mooring dolphins not constructed.						
20091820	2011-01-12	No Permit Nec	Riprap/pier	Suffolk	Brad Reams	In Compliance
Applicant: David Spencer						
20090395	2011-01-12	No Permit Nec	104' revet, 26' sill, 252' live shore, 16' pier	Chesapeake	Brad Reams	In Compliance
Applicant: James Estes						
20072512	2011-01-20	Issued	Bulkhead @ storm water pipe (north of 25 King St)	Accomack County	Brad Reams	In Compliance
Applicant: Onancock, Town of						
20072647	2011-01-20	Issued	Expand Saxis public fishing pier	Accomack County	Brad Reams	Not Constructed

Virginia Marine Resources Commission
Compliance Inspection Summary
2010-10-01 Through 2011-09-30

Print Date: Monday November 7 2011

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Saxis, Town of						
20090933	2011-01-20	No Permit Nec	Pier/Riprap, Nandua shores, Lot 7	Accomack County	Brad Reams	In Compliance
Applicant: Gerald Haley						
20091415	2011-01-20	No Permit Nec	Riprap, 15240 Pebble Drive	Accomack County	Brad Reams	In Compliance
Applicant: Bobbie Buckwalter						
20072515	2011-01-20	No Permit Nec	Rocky Pen Raw Water Line Extension	Stafford	Brad Reams	In Compliance
Applicant: Stafford County Department of Utilities						
20091676	2011-01-20	No Permit Nec	Riprap, 6417 Riverside Lane	Northampton	Brad Reams	In Compliance
Applicant: Thomas Arnold, Sr,						
20072415	2011-01-20	Issued	78' replace Bulk/25' replace wharf	Lancaster	Jay Woodward	In Compliance
Applicant: R Turnbull						
20101378	2011-01-25	Issued	Lake Charles Dam Removal/Wetland Restoration	Charles City	Brad Reams	In Compliance
Applicant: Nature Conservancy, The						
20071947	2011-01-25	Issued	Pier/Boathouse	Charles City	Brad Reams	In Compliance
Applicant: Alden Bailey						
20091452	2011-01-25	No Permit Nec	Boathouse/Lift/Pier/Riprap	James City	Brad Reams	In Compliance
Applicant: Cynthia Sarko						
20071953	2011-01-26	Issued	to construct a 60' and a 90' groin	Middlesex	Brad Reams	In Compliance
Applicant: D Culbertson						
20072589	2011-01-26	Issued	50' x 20' open-sided boathouse	Middlesex	Brad Reams	Moderate Compliance
Applicant: William Smith						
Comments: did not use 40' poles. pilings were spliced together using metal brackets.						
20072585	2011-01-26	Issued	170' rr revetment/195' rr sill/ 45 cyds bn abv mlw	Middlesex	Brad Reams	In Compliance
Applicant: Worth Higgins						
20090782	2011-01-26	Issued	48' lp groin	Mathews	Brad Reams	In Compliance
Applicant: Ann Nichols						
20091760	2011-01-26	No Permit Nec	128' vinyl bulkhead above mlw	Mathews	Brad Reams	In Compliance
Applicant: Douglas Gottwald						
20072316	2011-01-26	Issued	replace pier/breakwaters/jetties	Middlesex	Brad Reams	In Compliance
Applicant: Harbor House Association, Inc.						
20100040	2011-02-01	Issued	Riprap	Newport News	Brad Reams	Not Constructed
Applicant: Carolyn Abbitt						
20101360	2011-02-01	Issued	Riprap	Newport News	Brad Reams	In Compliance
Applicant: Gerald Miller						
20091743	2011-02-01	No Permit Nec	Riprap repair/vinyl or wood return wall	York	Brad Reams	In Compliance
Applicant: John Hamilton						

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20091784	2011-02-01	No Permit Nec	Riprap	York	Brad Reams	In Compliance
Applicant:	David Carney					
20090663	2011-02-01	No Permit Nec	Re-face Bulkhead	Poquoson	Brad Reams	In Compliance
Applicant:	Don Check					
20090497	2011-02-02	Issued	Groin	Northumberland	Brad Reams	In Compliance
Applicant:	George Parrish					
20090516	2011-02-02	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Ralph Millar					
20091599	2011-02-02	Issued	Pier/Groins	Northumberland	Brad Reams	In Compliance
Applicant:	Larry Andreas					
20090464	2011-02-02	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Beverly Saville					
20090793	2011-02-02	No Permit Nec	Pier/Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	David Ryan					
20090813	2011-02-02	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	William Sanford, Jr.					
20090257	2011-02-02	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Daniel Benjamin					
20070866	2011-02-08	Issued	Pier/Lift/PWC Lift/Osprey Nesting Pole	Northumberland	Brad Reams	In Compliance
Applicant:	John Dufendach					
20070039	2011-02-08	Issued	Bulkhead/Riprap	Northumberland	Brad Reams	Not Constructed
Applicant:	James Lake					
20062635	2011-02-08	Issued	Community Boat Ramp	Northumberland	Brad Reams	Not Constructed
Applicant:	Pine Harbor Property Owners					
20090683	2011-02-08	No Permit Nec	Bulkhead / Retaining Wall	Northumberland	Brad Reams	Not Constructed
Applicant:	Kevin Eaheart					
20062623	2011-02-08	No Permit Nec	Pier (Lot A 27.05.AC)	Northumberland	Brad Reams	In Compliance
Applicant:	Leland Corporation					
20062624	2011-02-08	Issued	Pier (Lot B 10.22-AC)	Northumberland	Brad Reams	Not Constructed
Applicant:	Catherine Carroll					
20062622	2011-02-08	Issued	Pier (Parcel C 12.23.AC)	Northumberland	Brad Reams	Not Constructed
Applicant:	Catherine Carroll					
20041905	2011-02-09	Issued	Rebuild Marina	Westmoreland	Brad Reams	Not Constructed
Applicant:	Kenneth Payne					
Comments:	10-20% of entire project completed.					
20072639	2011-02-09	Issued	Pier/Lift	Westmoreland	Brad Reams	In Compliance

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Applicant: Richard Daiger						
20091748	2011-02-09	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Dale Mullane						
20091111	2011-02-09	Issued	Groin	Westmoreland	Brad Reams	In Compliance
Applicant: William Chapman						
20081624	2011-02-09	Issued	Pier/Lift @ 529 Irving Avenue (Dunbar)	Westmoreland	Brad Reams	In Compliance
Applicant: Colonial Beach, Town of						
20100987	2011-02-09	Issued	Pier @ 2004 Beach Ave, Lot 6	Westmoreland	Brad Reams	Not Constructed
Applicant: Colonial Beach, Town of						
20042176	2011-02-15	Issued	New Fuel Pumps on Piers	Hampton	Brad Reams	In Compliance
Applicant: Bluewater Yachting Center						
20072050	2011-02-16	Issued	replace enclosed boathouse	Gloucester	Brad Reams	Moderate Compliance
Applicant: Marjorie Masek						
Comments: overhangs 1' to 2' width and lengthwise						
20062839	2011-02-16	Issued	150' community pier on easement	Middlesex	Brad Reams	In Compliance
Applicant: Locust Hill Investment Group LLC						
20070213	2011-02-16	Issued	Expand Boathouse to 73' x 21', os, 2 slip	Middlesex	Brad Reams	Not Constructed
Applicant: Roy Simmons						
20072336	2011-02-16	Issued	Public Fishing Pier/Canoe-Kayak Launching Pier	Essex	Brad Reams	In Compliance
Applicant: Fish and Wildlife Service, U.S.						
20072311	2011-02-16	Issued	Boathouse/Pier/Ramp	Essex	Brad Reams	Out of Compliance
Applicant: J DeShazo, III						
Comments: per Randy Violation ruled out of compliance.						
20072243	2011-02-23	Issued	Riprap/Marsh Toe Stabilization	Northumberland	Brad Reams	Not Constructed
Applicant: William Aldenderfer						
Comments: revetment constructed but marsh toe was not.						
20101330	2011-02-23	Issued	Buklhead	Northumberland	Brad Reams	In Compliance
Applicant: George Boyer, III						
20091110	2011-02-23	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Mary Jean						
20090302	2011-02-23	No Permit Nec	Riprap	Westmoreland	Brad Reams	Not Constructed
Applicant: William Holman						
20091802	2011-02-23	No Permit Nec	Riprap Repair	Westmoreland	Brad Reams	In Compliance
Applicant: Gerald Bryan						
20090715	2011-02-23	No Permit Nec	Riprap/Mooring/Lift	Northumberland	Brad Reams	In Compliance
Applicant: Michael Grove						

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20081129	2011-02-28	Issued	6 Mooring Dolphins	King George	Brad Reams	In Compliance
Applicant: Navy, Department of						
20091282	2011-03-04	Issued	community pier, breakwaters, oyster reef, 20 slips	Gloucester	Chip Neikirk	In Compliance
Applicant: Timberneck, LLC						
20061356	2011-03-09	Issued	Buckroe Beach Fishing Pier	Hampton	Brad Reams	In Compliance
Applicant: Hampton, City of						
20072179	2011-03-09	Issued	Riprap @ 7715 Southdown Road	Alexandria	Dan Bacon	In Compliance
Applicant: Seyed Falsafi						
20100442	2011-03-09	Issued	Pier/2 Lifts (non-riparian)	Fairfax County	Dan Bacon	Moderate Compliance
Applicant: David Elsberg						
Comments: ice breakers/mooring piles						
20072181	2011-03-09	Issued	Riprap	Alexandria	Dan Bacon	In Compliance
Applicant: William Byrnes						
20080533	2011-03-14	Issued	40 Birdnest Boxes (Game Dept co-app)	Chesapeake	Jay Woodward	In Compliance
Applicant: Chesapeake Dept. Parks and Recreation						
Comments: per Jay Woodward boxes are completed and in compliance.						
20100652	2011-03-15	Issued	Bukhead Repair	Accomack County	Brad Reams	In Compliance
Applicant: Thomas Clark						
20101123	2011-03-15	Issued	Pedestrian Bridge Rehabilitation	Portsmouth	Brad Reams	In Compliance
Applicant: Portsmouth, City of						
20101610	2011-03-15	Issued	Bulkhead Repairs on channelward side	Virginia Beach	Brad Reams	In Compliance
Applicant: Nicholas Wright						
20072375	2011-03-15	Issued	Open-sided Roof w/Sitting Area	Norfolk	Brad Reams	Not Constructed
Applicant: Douglas Burdett						
Comments: letter received 1/10/2011 indicated the pier was built but the no boat house roof constructed.						
20100804	2011-03-15	Issued	2 Dry Fire Hydrants intake pipes	Isle of Wight	Brad Reams	In Compliance
Applicant: Smithfield Foods, Inc.						
20072614	2011-03-15	Issued	Exempt pier addition - Juris. Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: John Gill						
20052759	2011-03-15	Issued	subaqueous Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Ellen Fuller						
20080231	2011-03-15	Issued	Replace Rt 17 Geo Washington Hwy Bridge	Chesapeake	Brad Reams	In Compliance
Applicant: Chesapeake Department of Public Works						
20051130	2011-03-16	Issued	Pier/Ramp@Chinco Nat'l Wldlf Refuge Bike Trail	Accomack County	Brad Reams	In Compliance
Applicant: Fish and Wildlife Service, U.S.						
20101281	2011-03-16	Issued	Commercial Pier for Aquaculture(outfall above mlw)	Northampton	Brad Reams	In Compliance

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Applicant: J. C. Walker Bros. Inc.						
20080400	2011-03-16	Issued	Marsh Toe Riprap, 5038 Bay Colony Dr.	Accomack County	Brad Reams	Not Constructed
Applicant: Jay Beatty						
20080860	2011-03-16	Issued	Slips @ Marsh Island Marina	Accomack County	Brad Reams	Not Constructed
Applicant: Carlton Mason						
20071661	2011-03-16	Issued	Pier/Ramp @ Pitts Wharf (replacement)	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20101470	2011-03-16	Issued	Bulkhead (6058 Tim Hill Lane)	Accomack County	Brad Reams	In Compliance
Applicant: Donald Thornton						
20071620	2011-03-22	Issued	Floating Piers/Bridges	Middlesex	Brad Reams	Moderate Compliance
Applicant: Urbanna Harbor Yacht Club Association						
Comments: 19 slips avg 4.5 wider than permitted. Total extra measurements 6% greater than permitted. 4-13-11 talked to pres. David Laughton and he said he would ask for permit extension to add 3 lifts to slips 41, 57, 69.						
20072548	2011-03-22	Issued	Replace 10-slip pier with larger 30-slip pier	Middlesex	Brad Reams	Moderate Compliance
Applicant: Bush Park Campground						
Comments: after further review with Chip & Jay we determined it to be in moderate compliance. 9-27-11						
20080383	2011-03-22	Issued	Private Pier/21'x41' OS Boathouse (>700sf)	Gloucester	Brad Reams	In Compliance
Applicant: Donald Smith						
20091684	2011-03-22	No Permit Nec	206' replacement vinyl bulkhead	Mathews	Brad Reams	In Compliance
Applicant: Warner Williams						
20090075	2011-03-22	No Permit Nec	Riprap w/ bn above mlw	Mathews	Brad Reams	In Compliance
Applicant: Billie Milner						
20090346	2011-03-22	No Permit Nec	255' riprap revetment above mlw	Mathews	Brad Reams	In Compliance
Applicant: Charles Hyde						
20022393	2011-03-30	Issued	Boathouse/Extend Pier	Newport News	Brad Reams	In Compliance
Applicant: William Bryant, III						
20022393	2011-03-30	Issued	Boathouse/Extend Pier	Newport News	Brad Reams	In Compliance
Applicant: William Bryant, III						
20072278	2011-03-30	Issued	Breakwaters/walkwayr/Riprap (Jennifer Cable)	Gloucester	Brad Reams	Not Constructed
Applicant: David Lingerfelt, et al						
20080303	2011-03-30	Issued	replace 12-foot by 48-foot community ramp	Middlesex	Brad Reams	In Compliance
Applicant: Piankatank Shores Civic Association						
20080447	2011-03-30	Issued	Osprey Platform (Chris Riddick co-app)	Middlesex	Brad Reams	Moderate Compliance
Applicant: David Riddick, et al						
Comments: osprey pole further channelward than 22'. unable to check with GIS						
20100670	2011-03-30	Issued	construct pierhead on Community Pier	Middlesex	Brad Reams	In Compliance

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Applicant: Piankatank Shores Civic Association						
20080025	2011-03-31	Issued	Pipeline Replacement on Aquia Creek	Stafford	Dan Bacon	In Compliance
Applicant: Plantation Pipe Line Company						
20062815	2011-03-31	Issued	Government Island Historic Trail Improvements	Stafford	Dan Bacon	In Compliance
Applicant: Stafford, County of						
20072293	2011-04-05	Issued	Riprap (Ducking Stool Point)	Charles City	Brad Reams	In Compliance
Applicant: James River Association						
Comments: used GIS program to inspect.						
20072611	2011-04-05	Issued	Pier/Lift	James City	Brad Reams	In Compliance
Applicant: Michael Watson						
20091044	2011-04-05	Issued	Breakwater @ 1812 Cypress Isle	James City	Brad Reams	In Compliance
Applicant: Larry Kittelberger						
20080276	2011-04-05	Issued	Pier/Boathouse	Newport News	Brad Reams	In Compliance
Applicant: Frank Schuler						
20101614	2011-04-06	Issued	Breakwater/Beach Nourishment (Lucy Coggin/PO)	Westmoreland	Brad Reams	In Compliance
Applicant: David Dickens, et al						
20101053	2011-04-06	Issued	Osprey Nesting Pole	Northumberland	Brad Reams	In Compliance
Applicant: Wyatt Beazley, III						
20080184	2011-04-06	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: William Williams						
20080131	2011-04-06	Issued	267' Riprap/60' sill	Lancaster	Brad Reams	In Compliance
Applicant: Kenneth Sparks						
20080046	2011-04-06	Issued	Pier/Lift @ 1802 Beach Ave (Lots 5, 6, 7 & 8)	Westmoreland	Brad Reams	Not Constructed
Applicant: Colonial Beach, Town of						
20090576	2011-04-06	No Permit Nec	Riprap	Westmoreland	Brad Reams	Not Constructed
Applicant: Robert Hall						
20071592	2011-04-06	Issued	130' replace Bulk/256' Riprap/2 Piers, floats	Lancaster	Brad Reams	In Compliance
Applicant: Dameron Properties I, L.C.						
Comments: bulkhead and 1 floating dock installed						
20091030	2011-04-11	Issued	Groin/Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: David Dickens						
20090852	2011-04-13	Issued	private pier/ 2 groins	Middlesex	Brad Reams	In Compliance
Applicant: Richard Porterfield						
20090999	2011-04-13	Issued	Bulkhead, Jetty & Pier Repair	Middlesex	Brad Reams	In Compliance
Applicant: Pete Stratiou						
20090010	2011-04-13	No Permit Nec	Riprap (120' new, 80' re-work)	Mathews	Brad Reams	In Compliance

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Applicant: Basil Hurst, III						
20091766	2011-04-13	No Permit Nec	Riprap revetment above mlw along house on beach	Mathews	Brad Reams	Not Constructed
Applicant: Chesapeake Shore Group						
20091219	2011-04-13	No Permit Nec	375' Riprap Revetment above mlw	Mathews	Brad Reams	In Compliance
Applicant: Vicki Gunn						
20090114	2011-04-13	No Permit Nec	Riprap sill and revetment abv mlw	Mathews	Brad Reams	In Compliance
Applicant: Paul Vik						
20090269	2011-04-13	No Permit Nec	120' Riprap Revetment abv mlw	Mathews	Brad Reams	Unable to Determine
Applicant: Thomas Flounders, III						
Comments: the road was blocked.						
20091388	2011-04-13	Issued	Bulkhead/LP Groin/ jetty abv mlw	Middlesex	Brad Reams	In Compliance
Applicant: Joe Davis						
20080298	2011-04-18	Issued	Pier/Covered Slip	King George	Dan Bacon	In Compliance
Applicant: Jeffrey Hughes						
20080711	2011-04-20	Issued	Community Fishing Pier	Westmoreland	Brad Reams	In Compliance
Applicant: Ernest Harding, III						
Comments: Only 2 of 4 lifts installed 4-20-11. Dan Bacon inspected 8-13-09 and deemed permit to be in compliance.						
20101653	2011-04-20	Issued	Lift	Westmoreland	Brad Reams	In Compliance
Applicant: Eagle Tree Farm, L.L.C.						
20091668	2011-04-20	No Permit Nec	Bulkhead	Westmoreland	Brad Reams	Not Constructed
Applicant: David Brubaker						
20090184	2011-04-20	Issued	Groins	Westmoreland	Brad Reams	Not Constructed
Applicant: Berkley Beach Owner's Association, et al						
20090048	2011-04-20	No Permit Nec	Pier/Lift/Riprap	Westmoreland	Brad Reams	Not Constructed
Applicant: Richard Axtell						
20091533	2011-04-20	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Robert Luebkert						
20090537	2011-04-20	No Permit Nec	Bulkhead	Westmoreland	Brad Reams	In Compliance
Applicant: Gerald Lazzaro						
20090795	2011-04-20	No Permit Nec	Coir Logs/Bulkhead	Westmoreland	Brad Reams	In Compliance
Applicant: Westmoreland Land Co.						
20071541	2011-04-28	Issued	70' Riprap, max 6' ifo bulkhead	Lancaster	Brad Reams	In Compliance
Applicant: F Kellam						
20071055	2011-04-28	Issued	Riprap	Northumberland	Brad Reams	Not Constructed
Applicant: H Sanders						
20080269	2011-04-28	Issued	Jetty/Riprap	Northumberland	Brad Reams	In Compliance

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Applicant: James Castleberry, et al						
20091792	2011-04-28	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: John Mullenholz						
20090556	2011-04-28	No Permit Nec	Pier/Boathouse/Bulkhead (Jacquelynn Konzelman co-a	Northumberland	Brad Reams	Moderate Compliance
Applicant: Randy Coulson, et al						
Comments: both benchmarks off 2'						
20090298	2011-04-28	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: John Cooke						
20091400	2011-04-28	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Gary Sergott						
20091232	2011-04-28	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Thomas Keeling						
20090299	2011-04-28	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Michael Worsham						
20042036	2011-05-03	Issued	2 Mooring Dolphins/Crane/Enlarge 2 Dolphins	Norfolk	Brad Reams	In Compliance
Applicant: Metro Machine Corporation						
Comments: received letter back regarding permit expiration requesting extension of permit given to engineer McGinnis 11/26/07						
20101284	2011-05-03	Issued	Pier and uncovered lift re-build	Virginia Beach	Brad Reams	Moderate Compliance
Applicant: Jeffrey Rich						
Comments: 403 sqft. 10sqft larger than permitted. only 2.5% greater in size.						
90% complete 1/5/2011. 3/15/11 nobody home & gated yard. reinspect						
20090977	2011-05-03	Issued	Scuffletown Ck Wetland Restoration (Corps co-app)	Chesapeake	Brad Reams	In Compliance
Applicant: Chesapeake, City of, et al						
20072219	2011-05-03	Issued	pier replacement and riprap / retaining wall inst.	Virginia Beach	Brad Reams	In Compliance
Applicant: Mike Dewitt						
20091375	2011-05-03	No Permit Nec	Bulkhead on beach landward of mlw	Virginia Beach	Brad Reams	In Compliance
Applicant: David Keith						
20090058	2011-05-03	No Permit Nec	Bulkhead on beach @ 3600 Sandfiddler Rd	Virginia Beach	Brad Reams	In Compliance
Applicant: Stanley Parker						
20091649	2011-05-03	No Permit Nec	Bulkhead/Wharf/Dredge - mannmade canal	Virginia Beach	Brad Reams	In Compliance
Applicant: David Bain						
20090911	2011-05-03	No Permit Nec	wetlands creation above mlw; pier float add.	Virginia Beach	Brad Reams	In Compliance
Applicant: Larry Slipow						
20072576	2011-05-03	Issued	Pier, juris. Riprap/bulkhead sections	Virginia Beach	Brad Reams	In Compliance
Applicant: Stacy Cummings						

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20100285	2011-05-03	Issued	bulkhead / wharf replacement	Virginia Beach	Brad Reams	In Compliance
Applicant:	Lesner Inn					
20080024	2011-05-10	Issued	Community Pier/Ramp (John Keiter co-app) Postle Cv	Mathews	Brad Reams	In Compliance
Applicant:	R.R. Payne Inc., et al					
20091527	2011-05-10	No Permit Nec	140' vinyl Bulkhead	Gloucester	Brad Reams	In Compliance
Applicant:	R Matthews					
20091610	2011-05-10	No Permit Nec	205' Riprap Reetment landward of mlw	Gloucester	Brad Reams	In Compliance
Applicant:	George Yeh					
20080541	2011-05-10	Issued	replacement bulkhead at launch area	Mathews	Brad Reams	In Compliance
Applicant:	Morningstar Marinas/Gwynn's Island, LLC					
20091171	2011-05-10	No Permit Nec	Riprap	King and Queen	Brad Reams	Not Constructed
Applicant:	Kim Schroeder					
20090110	2011-05-11	No Permit Nec	Bulkhead/Marsh Toe Sill	Middlesex	Brad Reams	Not Constructed
Applicant:	Charles Krumbein					
20090372	2011-05-11	No Permit Nec	108' Riprap Revetment abv mlw	Middlesex	Brad Reams	In Compliance
Applicant:	Bruce Innes					
20091128	2011-05-11	No Permit Nec	540' Riprap above mlw	Middlesex	Brad Reams	In Compliance
Applicant:	Richard Clark					
20091301	2011-05-11	No Permit Nec	18' replacement bulkhead abv mlw	Middlesex	Brad Reams	In Compliance
Applicant:	Linda Ludeke					
20072573	2011-05-11	Issued	Pier/os bh/os jet boat cover (Cynthia Harris co-ap	Middlesex	Brad Reams	Not Constructed
Applicant:	Charles Clements, Jr.					
20090095	2011-05-11	No Permit Nec	20' riprap revetment above mlw	Middlesex	Brad Reams	Not Constructed
Applicant:	Brian Vidler					
20080440	2011-05-11	Issued	160' Shared Pier (Laura Ware co-app)	Middlesex	Brad Reams	In Compliance
Applicant:	William Budd, et al					
20090169	2011-05-11	No Permit Nec	110' Riprap Revetment above MLW	Gloucester	Brad Reams	In Compliance
Applicant:	Lorraine Matthews					
20072525	2011-05-11	Issued	111' feet of rr sill and breakwater w/200 cyds bn	Gloucester	Brad Reams	In Compliance
Applicant:	Jennifer Steere-Fernandez					
20100509	2011-05-17	Issued	Bulkhead/Pier (Thomas Marina)	York	Brad Reams	In Compliance
Applicant:	Charles Thomas					
Comments:	finger pier moved around some but # of slips ok.					
20090620	2011-05-18	Issued	Pier/Riprap(Riprap requires beaches permit)	Surry	Brad Reams	In Compliance
Applicant:	Steward Kiser					
20100202	2011-05-18	Issued	Boatramp (JoAnn Lanning co-app)	Surry	Brad Reams	In Compliance

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Applicant: Louise Hansch, et al						
20101025	2011-05-18	Issued	Bulkhead/Retaining Wall	Surry	Brad Reams	Moderate Compliance
Applicant: Robert Winfree						
Comments: Ben & Tony reviewed this one after further inspection by Ben and determined it to be in moderate compliance.						
20110043	2011-05-18	Issued	Shoreline Stabilization (Phase 1)	James City	Brad Reams	In Compliance
Applicant: James City County Division of Parks and Recreation						
20091116	2011-05-18	No Permit Nec	Retaining Wall	New Kent	Brad Reams	Not Constructed
Applicant: Chester Vaughan						
Comments: VMRC denied LWB permit. NO new work has been done to fill /bulkhead in front of existing retaining wall.						
20031365	2011-05-25	Issued	Dredge James River Navigational Project MP 69-27	Multiple Counties	Brad Reams	In Compliance
Applicant: Army Corps of Engineers						
Comments: Also to provide copy of sturgeon survey when complete. post dredge survey received Jan 2011. post dredge survey received on 2/27/2008.						
20101416	2011-05-25	Issued	Dredge (only portion of project is juris.)	Virginia Beach	Justin Worrell	In Compliance
Applicant: Duke of Windsor Dredge, LLC						
Comments: post-dredge survey in compliance with permit						
20072527	2011-05-26	Issued	Bulkhead/Dredge/Pier/Ramp	Middlesex	Brad Reams	In Compliance
Applicant: Belle Aire Homeowners Association						
20080724	2011-05-26	Issued	Replace boatramp/2 50' jetties	Gloucester	Brad Reams	In Compliance
Applicant: Thousand Trails						
20080596	2011-05-26	Issued	Small Pier in basin/344' bulkhead replacement	Middlesex	Brad Reams	In Compliance
Applicant: Gerald Speeks						
Comments: 130' bulkhead replaced of 344'permitted						
20080617	2011-05-26	Issued	Groins & beach nourishment from dredge project	Middlesex	Brad Reams	Unable to Determine
Applicant: Edward Anderson						
Comments: Site visit unable to inspect bank too steep and no pictures taken. used GIS in office to view site. viewed 3 of 9 rip rap groins constructed.						
20080628	2011-05-26	Issued	Riprap along timber jetty & extend jetty landward	Middlesex	Brad Reams	In Compliance
Applicant: Mill Creek Harbor Association, Inc.						
20072487	2011-05-26	Issued	Boathouse/Bulkhead/Pier (Gina Smith co-app)	Gloucester	Brad Reams	In Compliance
Applicant: Karen Williams, et al						
20082163	2011-06-03	Issued	Maintenance Dredge @ Skiffes Creek	Newport News	Brad Reams	In Compliance
Applicant: Vulcan Construction Materials						
Comments: compliance checked using post dredge survey dated 3/2/11.						
20101816	2011-06-07	Issued	Bulkhead/Piers/Ramps	Accomack County	Brad Reams	In Compliance
Applicant: Trails End Campground Assoc.						
20080382	2011-06-07	Issued	Gabions	Accomack County	Brad Reams	In Compliance
Applicant: Samuel Kidder						

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20080236	2011-06-07	Issued	Ramp, 7156 Piney Island Road	Accomack County	Brad Reams	In Compliance
Applicant: Warren Peake						
20090997	2011-06-07	No Permit Nec	Bulkhead @ Lot 13 & 14A (Man-Made Canal)	Accomack County	Brad Reams	In Compliance
Applicant: Gail Miller						
20090154	2011-06-07	No Permit Nec	Bulkhead,Canal, Pine Drive, Chincoteague	Accomack County	Brad Reams	In Compliance
Applicant: Mark Doyle						
20091124	2011-06-07	No Permit Nec	Bulkhead (Capts Cove, Lot 1302)	Accomack County	Brad Reams	Not Constructed
Applicant: Captains Cove Group, LLC						
20110192	2011-06-07	Issued	Pier	Accomack County	Brad Reams	In Compliance
Applicant: Trails End Campground Assoc.						
20080338	2011-06-08	Issued	Breakwaters, Near Cape Charles Harbor	Cape Charles	Brad Reams	Not Constructed
Applicant: Cape Charles, Town of						
20101159	2011-06-08	Issued	Breakwater (Boon Cheng Kok co-app) B.Bluff, Lot 16	Northampton	Brad Reams	In Compliance
Applicant: Alan Harris, et al						
20100997	2011-06-08	Issued	Floating Pier & 200 oyster bag floats	Accomack County	Brad Reams	In Compliance
Applicant: Kegotank Farm LLC						
20101157	2011-06-08	Issued	Breakwaters, Butlers Bluff, Lot 15	Northampton	Brad Reams	In Compliance
Applicant: Edward Papazian						
20101158	2011-06-08	Issued	Breakwater, Butlers Bluff, Lot14	Northampton	Brad Reams	In Compliance
Applicant: Ervin Jones						
20101156	2011-06-08	Issued	Breakwater, Butlers Bluff, Lot 19	Northampton	Brad Reams	In Compliance
Applicant: Don Leneski						
20110142	2011-06-08	Issued	Pier	Accomack County	Brad Reams	In Compliance
Applicant: Elizabeth Dulabahn						
20090158	2011-06-08	No Permit Nec	Riprap (Entrance into Quinby Harbor)	Accomack County	Brad Reams	In Compliance
Applicant: Aaron Bates						
20090167	2011-06-08	No Permit Nec	Marina @ Cape Charles Harbor	Cape Charles	Brad Reams	Not Constructed
Applicant: Harbor Development Group						
Comments: just starting to build bulkhead.						
20080311	2011-06-14	Issued	Jaynes Marine Boat Ramp	Northumberland	Brad Reams	In Compliance
Applicant: Douglas Jayne						
20110179	2011-06-14	Issued	Riprap/Dry Hydrant System	Northumberland	Brad Reams	In Compliance
Applicant: William Dean						
20101613	2011-06-14	Issued	Bulkhead/Pier/2 Lifts	Northumberland	Brad Reams	In Compliance
Applicant: Iqbal Hamza						
20101986	2011-06-14	Issued	Bulkhead	Northumberland	Brad Reams	In Compliance

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Applicant: Edward Pilkins						
20090368	2011-06-14	Issued	Temp Access Road	Northumberland	Brad Reams	In Compliance
Applicant: William Dean						
20081887	2011-06-14	Issued	Pier/Lift/Bridge	Northumberland	Brad Reams	In Compliance
Applicant: William Dean						
20080764	2011-06-14	Issued	Osprey Nesting Pole	Northumberland	Brad Reams	In Compliance
Applicant: John Lowry						
20091291	2011-06-14	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Patrick McMullen						
20091302	2011-06-14	Issued	Groin	Northumberland	Brad Reams	In Compliance
Applicant: James Loop						
20080719	2011-06-15	Issued	4 uncovered lifts in existing slips	Middlesex	Brad Reams	In Compliance
Applicant: Jackson Creek Harbour Condominiums						
20090227	2011-06-15	Issued	2 x 40' Groins	Lancaster	Brad Reams	In Compliance
Applicant: DeWayne Moritz						
20101914	2011-06-15	Issued	Pier/Lift	Mathews	Brad Reams	Moderate Compliance
Applicant: John Ainslie						
Comments: roof overhang extra 1' on each side						
20061004	2011-06-15	Issued	78' Joint-Use Pier@ Lots 11/12 (U.S. Invest Corp)	Lancaster		
Applicant: Terry Foster, et al						
20080545	2011-06-15	Issued	48' Community Pier - no slips (replacement)	Middlesex	Brad Reams	In Compliance
Applicant: Jamison Cove Townhouse Assoc., et al						
20080964	2011-06-15	Issued	Pier/Pump House/intake	Gloucester	Brad Reams	In Compliance
Applicant: Virginia Institute of Marine Science						
20080460	2011-06-15	Issued	remove t-head and constuct new commercial pier	Mathews	Brad Reams	Out of Compliance
Applicant: R Mulligan						
Comments: reviewed the inspection with Chip and he thought this would be a violation. 10-4-11 reinspected with M. Johnson and project is in compliance after pulling piles for extra slip.						
20091768	2011-06-15	Issued	5 x 48' MHW LP timber groins (Parcel 270A)(VGP #2)	Lancaster	Brad Reams	Not Constructed
Applicant: Heirs of BHB Hubbard, Jr., LLC						
20090027	2011-06-15	No Permit Nec	115' Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Dennis Cope						
20091226	2011-06-21	Issued	Pier	Hampton	Brad Reams	In Compliance
Applicant: Daniel Rosinski						
Comments: gate locked to access pier.						
20091225	2011-06-21	Issued	Pier	Hampton	Brad Reams	In Compliance
Applicant: Linda Lee						

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Comments: need to check gazebo/floating dock						
20080606	2011-06-29	Issued	Covered Lift	Hampton	Brad Reams	In Compliance
Applicant: Joe Williams						
20101769	2011-06-30	Issued	Bulkhead	Essex	Brad Reams	In Compliance
Applicant: Perdue Grain and Oilseed, LLC						
20091434	2011-06-30	No Permit Nec	replace Boathouse/Pier/, 60' Riprap amlw	Lancaster	Brad Reams	In Compliance
Applicant: William Stubbe						
20090218	2011-06-30	No Permit Nec	342' Riprap (128' repair exist)	Lancaster	Brad Reams	Unable to Determine
Applicant: Frederick Johnson						
Comments: nobody home, gate locked						
20090176	2011-06-30	Issued	Commercial Pier	Essex	Brad Reams	In Compliance
Applicant: Perdue Grain and Oilseed, LLC						
20090305	2011-06-30	No Permit Nec	180' Bulkhead/125' Pier/Lift	Lancaster	Brad Reams	In Compliance
Applicant: Cecil Ransone						
20072604	2011-07-06	Issued	Bulkhead/Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Gull Harbor, L.L.C.						
20101694	2011-07-06	Issued	Bulkhead/Pier/Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Mondale Conley						
20101478	2011-07-06	Issued	Riprap (Tim & Karen Larue co-apps)	Westmoreland	Brad Reams	In Compliance
Applicant: Carlyn Southard, et al, Trust						
20110091	2011-07-06	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Raymond Smith						
20080922	2011-07-06	Issued	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Jeff Sprinkle						
20071025	2011-07-13	Issued	Breakwater/Pier Extension	James City	Brad Reams	In Compliance
Applicant: Jamestown 4-H Educational Center						
20071793	2011-07-13	Issued	Pier/Boathouse	New Kent	Brad Reams	Not Constructed
Applicant: John Britt						
Comments: under construction. poles in but no roof on yet.						
20080946	2011-07-13	Issued	Pier/Ramp/Jetties @ Piney Pointe subdivision	New Kent	Brad Reams	In Compliance
Applicant: John Britt						
20101784	2011-07-13	Issued	Pier/Lifts	James City	Brad Reams	In Compliance
Applicant: Ed Langenhennig						
20101052	2011-07-13	Issued	Pier/Bulkhead @ YorkRiver State Park	James City	Brad Reams	Unable to Determine
Applicant: Conservation and Recreation, Department of						
Comments: trail to site blocked from storm damage. call back fall 2011						

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20080986	2011-07-13	Issued	Concrete Floating Dock w/in Little Creek Amphib	Virginia Beach	Justin Worrell	In Compliance
Applicant:	Coast Guard, U.S.					
20101630	2011-07-13	Issued	Pier/Lift + 2 Boathouses	York	Randy Owen	In Compliance
Applicant:	Charles Waymaster					
Comments:	Roof measures as permitted					
20091657	2011-07-19	No Permit Nec	Paver Ramp/274' Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	John Kellum					
20090775	2011-07-19	No Permit Nec	35' Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Ralph Vallone					
20090847	2011-07-19	No Permit Nec	221' Riprap	Lancaster	Brad Reams	Not Constructed
Applicant:	Gary Rahl					
20091204	2011-07-19	No Permit Nec	120' marsh toe riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Margaret Chappell					
20091658	2011-07-19	No Permit Nec	605' Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	D & J Investments					
20110509	2011-07-20	Issued	Jetty Repair/Pier/PWC Lift	Gloucester	Chip Neikirk	In Compliance
Applicant:	David Thornton					
20081730	2011-07-28	Issued	Commercial Pier Extension/Lift	Westmoreland	Brad Reams	In Compliance
Applicant:	Bevans Oyster Co., Inc.					
Comments:	will send extension letter to install lift.					
20081526	2011-07-28	Issued	Repair Public Boat Lndg/Bulkhead/Ramp	Westmoreland	Brad Reams	In Compliance
Applicant:	Westmoreland County					
20110497	2011-07-28	Issued	2 Groins	Northumberland	Brad Reams	In Compliance
Applicant:	Charles England					
20091274	2011-07-28	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Patricia Ramey					
20091292	2011-07-28	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Timothy Ward					
20091079	2011-07-28	No Permit Nec	2 Lifts/Pier/Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Harrison Williams					
20090438	2011-07-28	No Permit Nec	Riprap	Northumberland	Brad Reams	
Applicant:	True Coxe					
20090118	2011-07-28	Issued	Community Pier	Westmoreland	Brad Reams	In Compliance
Applicant:	Westmoreland, County of					
20081288	2011-07-29	Issued	add lift to existing slip #24	Gloucester	Brad Reams	In Compliance
Applicant:	Sawgrass Pointe Homeowners Association					

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Comments: checked using 09 aerial photo 7-29-11 BAR /given to engineer 4/14/09 for inspection. BAR						
20080573	2011-08-02	Issued	Bulkhead @ Lamberts Point Docks (co-app)	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk Southern Corp., et al						
20100811	2011-08-02	Issued	Pier (Women's Crew Facility)	Norfolk	Brad Reams	In Compliance
Applicant: Old Dominion University						
20101815	2011-08-03	Issued	Bulkhead Repair/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Richard Burroughs						
20110444	2011-08-03	Issued	Pier/Ramp	Virginia Beach	Brad Reams	In Compliance
Applicant: Ryan Dunbar						
20100353	2011-08-03	Issued	Bulkhead Repair/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: John Wynne						
20070508	2011-08-03	Issued	Pier portion reconstruction; riprap juris.	Virginia Beach	Brad Reams	In Compliance
Applicant: Stephen Snyder						
20071632	2011-08-03	Issued	Riprap - LWB and Subaqueous	Virginia Beach	Brad Reams	In Compliance
Applicant: George Clarke, et al						
20101375	2011-08-03	Issued	Lift/Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Thomas Whittemore						
Comments: wharf not constructed. check back summer 2012. Given to Justin about low profile bulkhead design to see if could be issue with wetland board.						
20090917	2011-08-03	No Permit Nec	Riprap above MLW	Norfolk	Brad Reams	Not Constructed
Applicant: Laulie Richardson						
20091637	2011-08-03	No Permit Nec	Bulkhead - Repair of deadman and tie backs	Norfolk	Brad Reams	In Compliance
Applicant: American Legion Federal Post 60						
20091685	2011-08-03	No Permit Nec	Riprap above MLW/Non-riparian pier	Norfolk	Brad Reams	In Compliance
Applicant: Alan Vigneault						
20091338	2011-08-03	No Permit Nec	Bukhead repair above MLW	Norfolk	Brad Reams	Unable to Determine
Applicant: Donald Lewis						
Comments: repairs to bulkhead, unable to tell if repairs have been done. very high tide during inspection also.						
20090224	2011-08-04	Issued	Riprap	Norfolk	Brad Reams	In Compliance
Applicant: Old Dominion University						
Comments: large images see Ndrive.						
20110720	2011-08-05	Issued	Water Quality Monitoring Station	Northampton	Hank Badger	In Compliance
Applicant: Virginia Institute of Marine Science						
20081027	2011-08-10	Issued	Osprey Nesting Pole	Northumberland	Brad Reams	In Compliance
Applicant: Bach Vu						
20101469	2011-08-10	Issued	Bukhead	Poquoson	Brad Reams	Not Constructed
Applicant: Frederick Riggins						

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20081241	2011-08-10	Issued	Bridge (Lee F. Connor)	Northumberland	Brad Reams	Not Constructed
Applicant: Bussel Point LLC						
Comments: under construction						
20081328	2011-08-10	Issued	Riprap (Mr. & Mrs. David Freni co-apps)	Northumberland	Brad Reams	In Compliance
Applicant: Mark Scerbo, et al						
20090130	2011-08-10	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Monica Fahey						
20091352	2011-08-10	Issued	Noncommercial Riparian Shellfish Aquaculture	Northumberland	Brad Reams	Out of Compliance
Applicant: Matt McShane						
20090121	2011-08-10	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: John McShane						
20020990	2011-08-11	Issued	Community Pier	Northumberland	Brad Reams	Not Constructed
Applicant: Lee Dale Shores Property Owners Assoc.						
20102016	2011-08-11	Issued	Bulkhead/Lift/Pier	Poquoson	Brad Reams	Moderate Compliance
Applicant: Michael Pezzella						
Comments: 12sqft over 400 for wharf+ski platform						
20101421	2011-08-15	Issued	Breakwaters/Beach Nourishment	King George	Dan Bacon	Not Constructed
Applicant: Vincent Radley						
20080965	2011-08-17	Issued	Osprey Nesting Platform	Isle of Wight	Brad Reams	In Compliance
Applicant: John Dashiell						
20101680	2011-08-17	Pending	Pier/boathouse/gazebo/floating dock	Isle of Wight	Brad Reams	In Compliance
Applicant: Allyn Julien						
Comments: gazebo & 4 mooring piles not constructed.						
20101699	2011-08-17	Issued	Pier/Dual slip open-sided Boathouse/Gazebo roof	Isle of Wight	Brad Reams	Not Constructed
Applicant: R Saunders						
20100816	2011-08-17	Issued	River Bank Stabilization	Surry	Brad Reams	Unable to Determine
Applicant: Guilford Heights Assoc.						
Comments: kudzu covering structure, check in winter.						
20101929	2011-08-17	Issued	Pier/Open-sided Boathouse/Gazebo	Suffolk	Brad Reams	In Compliance
Applicant: Greg Fulcher						
Comments: 3 mooring clusters no constructed.						
20081204	2011-08-17	Issued	Pier/Ramp @ Air Power Park	Hampton	Brad Reams	In Compliance
Applicant: Hampton Parks and Recreation Department						
20090140	2011-08-17	No Permit Nec	Utility Xing (Lines VM-127/128)	Isle of Wight	Brad Reams	In Compliance
Applicant: Columbia Gas Transmission						
20091521	2011-08-17	No Permit Nec	Silt Fence	Isle of Wight	Brad Reams	In Compliance

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Applicant: O Spadey						
20100561	2011-08-18	Issued	Riprap	Stafford	Dan Bacon	In Compliance
Applicant: Aquia Harbor Property Owners Association						
20081122	2011-08-24	Issued	Mooring	Gloucester	Brad Reams	In Compliance
Applicant: Angus Gordon						
20081081	2011-08-24	Issued	Data Buoy - Elizabeth River	Portsmouth	Brad Reams	In Compliance
Applicant: Nauticus, City of Norfolk						
Comments: used office GIS to check location of buoy						
20081542	2011-08-24	Issued	Sunset Creek Boat Ramp Repair	Hampton	Brad Reams	In Compliance
Applicant: Hampton Parks and Recreation						
20061024	2011-08-24	Issued	dredge slip/construct jetty	Middlesex	Jay Woodward	In Compliance
Applicant: Tyndall Baucom						
Comments: jetty in compliance. dredging unable to determine.						
20091321	2011-08-25	Issued	Dredge Salt Ponds Inner Channel	Hampton	Brad Reams	Moderate Compliance
Applicant: Hampton, City of						
20081570	2011-08-25	Issued	Bulkhead (Dave Eckhardt-apphusband)	Stafford	Dan Bacon	In Compliance
Applicant: Lee Keats						
20101650	2011-08-25	Issued	Bulkhead	Stafford	Dan Bacon	Not Constructed
Applicant: George Duffield						
20081404	2011-08-25	Issued	Bulkhead Repair	Stafford	Dan Bacon	In Compliance
Applicant: William Anderson						
20080568	2011-08-31	Issued	198' replacement bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Benjamin Marshall						
20080696	2011-08-31	Issued	To replace existing wharf and 10 slips	Middlesex	Brad Reams	Not Constructed
Applicant: Coastal Marine, Inc.						
20081235	2011-08-31	Issued	Jetty/Lift/Pier/Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Joe Edwards						
20081609	2011-08-31	Issued	Floating boat lift @ 971 Fishing Bay Road	Middlesex	Brad Reams	In Compliance
Applicant: Jackson Creek Partners LLC						
20081503	2011-08-31	Issued	350' Riprap sill (Mary Myers Hilliard co-app)	Mathews	Brad Reams	In Compliance
Applicant: Alice Casey, et al						
20081068	2011-08-31	Issued	Riprap/Beach Nourishment	Middlesex	Brad Reams	In Compliance
Applicant: N Bristow						
20081496	2011-08-31	Issued	139' Riprap Sill w/ 600 cyrds bn landward of sill	Mathews	Brad Reams	In Compliance
Applicant: Douglas Ashberry						
20081582	2011-08-31	Issued	150' Breakwater, 1190' sill, 850 cyds bn	Gloucester	Brad Reams	In Compliance

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Applicant: T Williams						
20080804	2011-08-31	Issued	Kayak Launch/Ramp/Riprap	Middlesex	Brad Reams	Not Constructed
Applicant: Rosegill Development, LLC						
20081217	2011-09-01	Issued	Riprap/Groin, Peaceful Way. Lot #6	Northampton	Brad Reams	In Compliance
Applicant: Enrico Castellano						
20110008	2011-09-01	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Walter King						
20110113	2011-09-01	Issued	Commercial Aquaculture	Northampton	Brad Reams	In Compliance
Applicant: Yvonne Bagwell						
20101570	2011-09-01	Issued	Community Pier (use change+ 230' L to exist pier)	Accomack County	Brad Reams	In Compliance
Applicant: Ocean Land Trust, Ltd.						
20101937	2011-09-02	Issued	Kegtotank Bulkhead / Ramp /Walkway	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20100948	2011-09-06	Issued	Commercial Aquaculture, Taylor Floats	Accomack County	Brad Reams	In Compliance
Applicant: Carl Meixner						
20091080	2011-09-08	Issued	Boathouse Roof/Cover 2 Slips	Stafford	Dan Bacon	In Compliance
Applicant: Gary Smith						
20110919	2011-09-08	Issued	Pier	Stafford	Dan Bacon	Not Constructed
Applicant: Paul Scott						
20100082	2011-09-13	No Permit Nec	Bulkhead/Pier	King George	Dan Bacon	Not Constructed
Applicant: Glen Raymond						
20081152	2011-09-13	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: R Clark, Jr.						
20110107	2011-09-13	Issued	Ramp	Westmoreland	Brad Reams	In Compliance
Applicant: Richard Moran						
20090956	2011-09-13	Issued	Bridge	King George	Dan Bacon	In Compliance
Applicant: Vincent Radley						
20110563	2011-09-13	Issued	Bulkhead/Pier Expansion	Northumberland	Brad Reams	In Compliance
Applicant: Ronald Bevans						
Comments: bulkhead complete but the wharf is not completed						
20091624	2011-09-13	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: John Lowry						
20091623	2011-09-13	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: William Kirkpatrick						
20090070	2011-09-13	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Rob Boswell						

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20091151	2011-09-13	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Melvin Foxwell						
20080737	2011-09-13	Issued	Community Pier	King George	Dan Bacon	Not Constructed
Applicant: Potomac Landing Property Owners Assoc., Inc.						
20080465	2011-09-15	Issued	Bulkhead/Riprap	Stafford	Dan Bacon	In Compliance
Applicant: Robert Maimbourg						
20080423	2011-09-15	Issued	Bulkhead	Stafford	Dan Bacon	In Compliance
Applicant: Benjamin Brainard						
20081835	2011-09-15	Issued	Bulkhead	Stafford	Dan Bacon	In Compliance
Applicant: Glen Sirbaugh						
20072539	2011-09-20	Issued	Replace Pier/uncovered Lift/Riprap/bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Theodore Jones						
20080963	2011-09-20	Issued	Breakwater/Dredge	Gloucester	Brad Reams	Not Constructed
Applicant: William Ames						
Comments: breakwater not constructed. riprap sill & dredging completed						
20081203	2011-09-20	Issued	120' Replacement Bulkhead/replace private pier	Gloucester	Brad Reams	In Compliance
Applicant: Patrick Cooney, Sr.						
20081780	2011-09-20	Issued	80' replacement bulkhead - 2' channelward	Middlesex	Brad Reams	In Compliance
Applicant: Bill Lawson						
20072033	2011-09-21	Issued	North Wharf Repair	Norfolk	Brad Reams	In Compliance
Applicant: BAE Systems Norfolk Ship Repair						
20110303	2011-09-21	Issued	Floating Pier/Lift/Gangway	Virginia Beach	Brad Reams	In Compliance
Applicant: Thomas Godfrey, Jr.						
20090071	2011-09-21	No Permit Nec	relocate sand dune (Sukhwinder Bharij co-app)	Virginia Beach	Brad Reams	Unable to Determine
Applicant: J Bell, III, et al						
Comments: nobody @ home & gated						
20090253	2011-09-21	No Permit Nec	Pedestrian Bridge -wetlands only - Thalia Greenway	Virginia Beach	Brad Reams	Not Constructed
Applicant: CityView, One, LLC, et al						
20091650	2011-09-21	No Permit Nec	Riprap landward of mlw	Virginia Beach	Brad Reams	In Compliance
Applicant: W Hudson						
20090760	2011-09-21	No Permit Nec	Pier/Boathouse/Float - majority landward of mlw	Virginia Beach	Brad Reams	In Compliance
Applicant: Edward Kramer						
20090860	2011-09-21	No Permit Nec	Pedestrian Ramp over Dune - landward of mlw	Virginia Beach	Brad Reams	In Compliance
Applicant: Bay Lake Pines Civic League						
20090173	2011-09-21	No Permit Nec	Riprap/Pier/Dredge in non-juris. sect. of Wye Cove	Virginia Beach	Brad Reams	Not Constructed
Applicant: Greg Battaglia						

Virginia Marine Resources Commission
Compliance Inspection Summary
2010-10-01 Through 2011-09-30

Print Date: Monday November 7 2011

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Comments: riprap not constructed						
20090661	2011-09-21	No Permit Nec	Riprap landward mlw / Pier Extension (exempt)	Virginia Beach	Brad Reams	In Compliance
Applicant: Walter Pickett						
20091600	2011-09-21	Issued	Bulkhead #2 Repair/Excavate	Norfolk	Brad Reams	In Compliance
Applicant: BAE Systems						
20080925	2011-09-21	Issued	pier-exempt, bulkhead - wetlands & subaqueous	Virginia Beach	Brad Reams	In Compliance
Applicant: Thomas Adamson, IV						
20110182	2011-09-21	Issued	Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Betty Cimmino						
20081521	2011-09-22	Issued	Floating Debris Deflector	Prince William	Dan Bacon	In Compliance
Applicant: Prince Wiliam Marine						
20091806	2011-09-27	No Permit Nec	Riprap (Randall Trivett co-app)	Portsmouth	Brad Reams	In Compliance
Applicant: James Collins, et al						
20080974	2011-09-28	Issued	20' Pier/206' Riprap	Lancaster	Brad Reams	Unable to Determine
Applicant: Robert Brumley						
20110246	2011-09-28	Issued	Bulkhead/Boathouse/Lift	Northumberland	Brad Reams	In Compliance
Applicant: James Combs						
20091516	2011-09-28	No Permit Nec	508' Riprap	Lancaster	Brad Reams	Unable to Determine
Applicant: Robert Brumley						
Comments: locked gate						
20081511	2011-09-28	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						
20090179	2011-09-28	No Permit Nec	75' Riprap (Lori Coile); Cope APO	Lancaster	Brad Reams	In Compliance
Applicant: Doswell White						
20110430	2011-09-28	Issued	Dredge/Jetty Extension	Northumberland	Brad Reams	In Compliance
Applicant: Inland Harbour Property Owners Assoc.						
20091735	2011-09-28	No Permit Nec	Riprap	Northumberland	Brad Reams	Not Constructed
Applicant: Jonathan Gaffney						
20081424	2011-09-28	Issued	140' Riprap in front of bulk	Lancaster	Brad Reams	In Compliance
Applicant: Hugh Jones						