

VIRGINIA MARINE RESOURCES COMMISSION

Permit Compliance And Inspection Program



Final Report CZM Grant # NA17NOS4190152 Task #4 November 2018

This project was funded, in part, by the Virginia Coastal Zone Management Program at the Department of Environmental Quality through Grant # NA14NOS4190141, of the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, under the Coastal Zone Management Act of 1972, as amended.

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



TABLE OF CONTENTS

List of Figures	I - II
List of Tables	III
List of Attachments	IV
Introduction	1
Permit Compliance Program Overview	4
Permit Compliance Survey Results	5
Conclusion	7
Figures	9-A to 9-DD
Tables	9-EE to 9-II
Attachments	10

LIST OF FIGURES

Figure 1	Tidewater Virginia Localities.	Page 2
Figure 2	Inspections of VMRC permits for the grant year following project commencement notification.	Page 9-A
Figure 3	Inspections since 1993 of all VMRC permits following project commencement notification.	Page 9-B
Figure 4	Inspections for randomly selected wetlands Permits issued in 2016.	Page 9-C
Figure 5	Inspection for randomly selected wetlands permits issued in 2015.	Page 9-D
Figure 6	Inspections for randomly selected wetlands permits issued in 2014.	Page 9-E
Figure 7	Inspections for randomly selected wetlands permits issued in 2013.	Page 9-F
Figure 8	Inspections for randomly selected wetlands permits issued in 2012.	Page 9-G
Figure 9	Inspections for randomly selected wetlands permits issued in 2011.	Page 9-H
Figure 10	Inspections for randomly selected projects permits issued in 2010.	Page 9-I
Figure 11	Inspections for randomly selected wetlands permits issued in 2009.	Page 9-J
Figure 12	Inspections for randomly selected wetlands permits issued in 2008.	Page 9-K
Figure 13	Inspections for randomly selected wetlands permits issued in 2007.	Page 9-L
Figure 14	Inspections for randomly selected wetlands permits issued in 2006.	Page 9-M
Figure 15	Inspections for randomly selected wetlands permits issued in 2005.	Page 9-N
Figure 16	Inspections for randomly selected wetlands permits issued in 2004.	Page 9-O
Figure 17	Inspections for randomly selected wetlands permits issued in 2003.	Page 9-P

LIST OF FIGURES (cont'd)

Figure 18	Inspections for randomly selected wetlands permits issued in 2002.	Page 9-Q
Figure 19	Inspections for randomly selected wetlands permits issued in 2001.	Page 9-R
Figure 20	Inspections for randomly selected wetlands permits issued in 2000.	Page 9-S
Figure 21	Inspections for randomly selected wetlands permits issued in 1999.	Page 9-T
Figure 22	Inspections for randomly selected wetlands permits issued in 1998.	Page 9-U
Figure 23	Inspections for randomly selected wetlands permits issued in 1997.	Page 9-V
Figure 24	Inspections for randomly selected wetlands permits issued in 1996.	Page 9-W
Figure 25	Inspections for randomly selected wetlands permits issued in 1995.	Page 9-X
Figure 26	Inspections for randomly selected wetlands permits issued in 1994.	Page 9-Y
Figure 27	Inspections for randomly selected projects including wetlands and VMRC subaqueous permits issued in 1993.	Page 9-Z
Figure 28	Inspections for randomly selected projects Including wetlands and VMRC subaqueous permits issued in 1992.	Page 9-AA
Figure 29	Inspections for randomly selected projects including wetlands and VMRC subaqueous permits issued in 1991.	Page 9-BB
Figure 30	Inspections for randomly selected projects including wetlands and VMRC subaqueous permits issued in 1990.	Page 9-CC
Figure 31	Inspections for randomly selected projects Including wetlands and VMRC subaqueous Permits issued in 1989.	Page 9-DD

LIST OF TABLES

Table 1	Number of projects selected for the compliance survey in each locality.	Page 9-EE & 9-FF
Table 2	Level of compliance for constructed projects.	Page 9-GG & 9-HH
Table 3	Wetland Board compliance monitoring in each locality.	Page 9-II

LIST OF ATTACHMENTS

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 34 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.

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

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

The purpose of this grant project was to continue the implementation of recommendations of the original Permit Compliance and Inspection Program report and continue a standardized permit compliance program for those permits issued by the Commission within the Coastal Zone. Additionally, Commission staff assessed permit compliance for wetland projects authorized in 2016. The latter was designed as a follow up to the previous compliance inspections conducted for projects permitted from 1989 through 2015.

This document is intended to serve as the final report for Task 6 of Grant No. NA17NOS4190152 and provides an overview of the steps taken to continue the compliance monitoring program and a review of the compliance data gathered during the grant year. Compliance data gathered during the previous years is also included.

Permit Compliance Program Overview

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

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

In 1993, with funding provided by CZM Grant No. NA27020312-1, these recommendations were incorporated into the Commission compliance monitoring program through several mechanisms. The Joint Permit Application (Attachment B) was amended to reflect the need for more detailed drawings with accurate benchmarks. The Joint Permit Application was last revised in 2018, as was the Tidewater form. New conditions were incorporated into Commission permits requiring that a permit placard (Attachment C) be posted at the project site, and procedures were established for the Commission to receive notice when project construction is started. The latter was accomplished through the use of a self-addressed stamped card (Attachment D) that is returned to the Commission by the permittee. Special conditions related to permit compliance have been added to all permits issued by VMRC. In addition, a statement has been added to the permit cover letter that warns permittees that deviation from the permit specifications could result in a civil charge of up to \$10,000 per violation. Examples of these can be found in the attached sample permit (Attachment E).

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

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

Permit Compliance Survey Results

During the grant year a total of 434 compliance inspections were conducted by VMRC Habitat Management Division Staff. This involved 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 2016 in order to gauge compliance with wetland board permits and to add the data to that collected for projects permitted from 1989 through 2015.

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 86% 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 (3%), or were not constructed. Although compliance could not be determined for 8% 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 eighteen-year period. Results reported through 1992 include projects involving both wetlands and State-owned subaqueous lands. The yearly results for 1989 through 2016 are shown in Table 2 and in Figures 4 through 30 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, 2017 through September 30, 2018

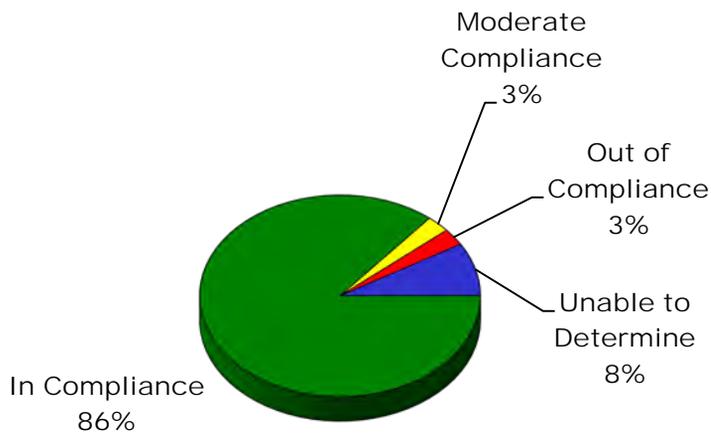
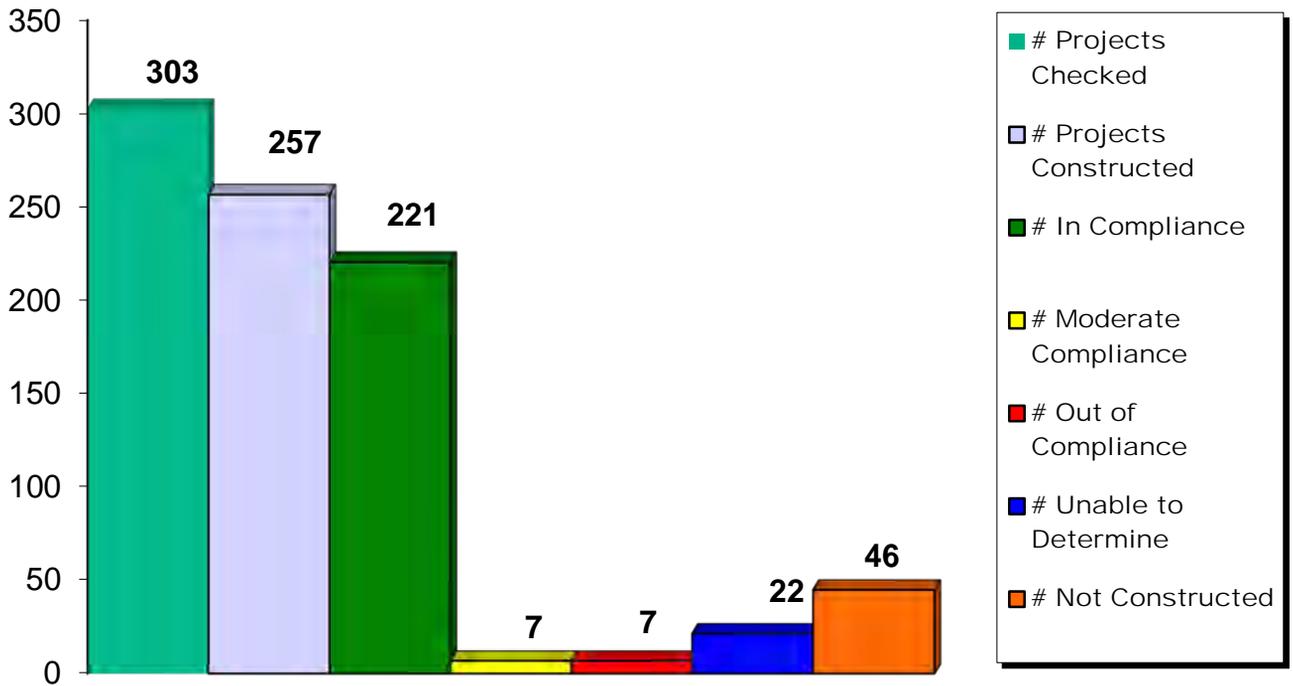


Figure 2 – Inspections of VMRC permits for the Grant year following notification of project commencement or permit expiration

All VMRC Permits

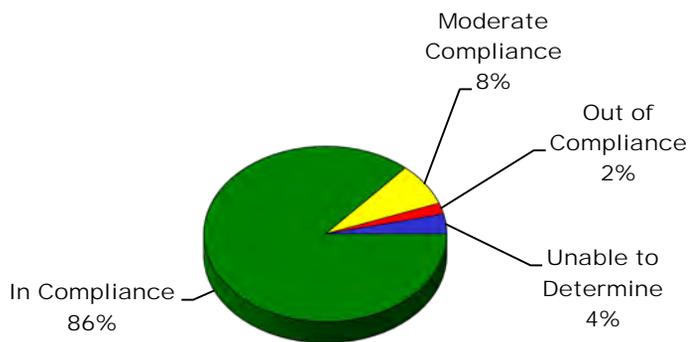
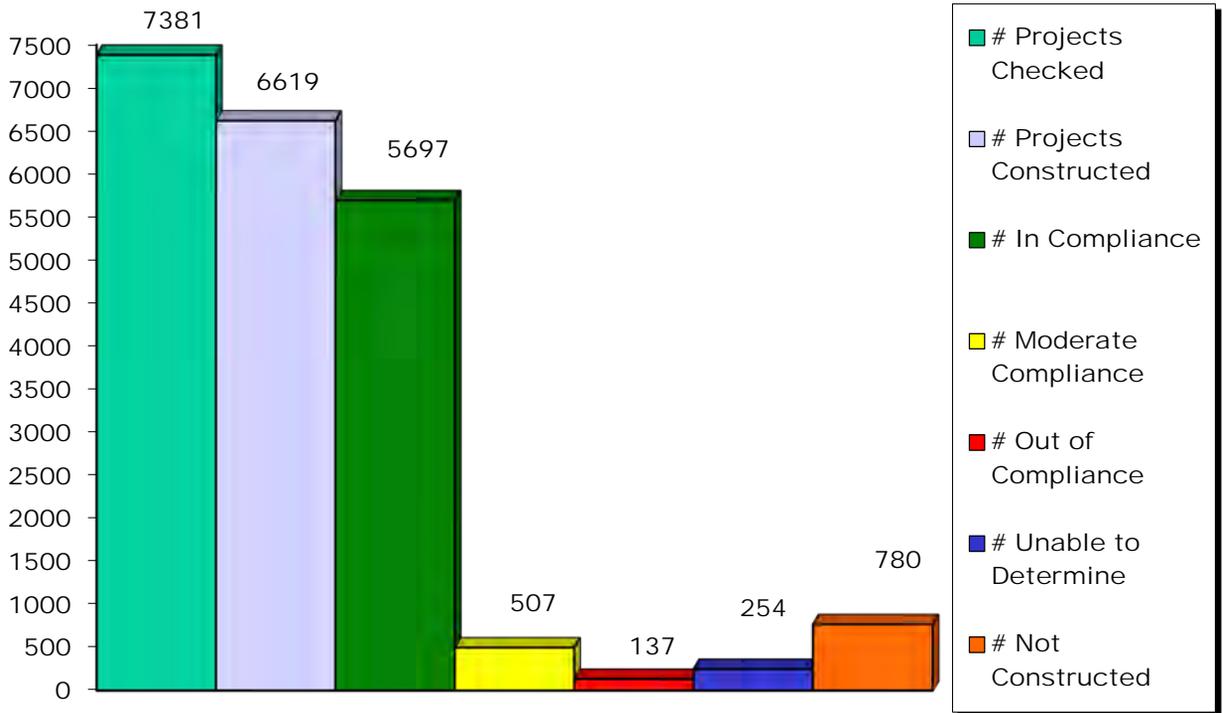


Figure 3 – Inspections since 1993 of all VMRC permits following notification that projects have commenced, or have reached permit expiration.

2016 Inspections

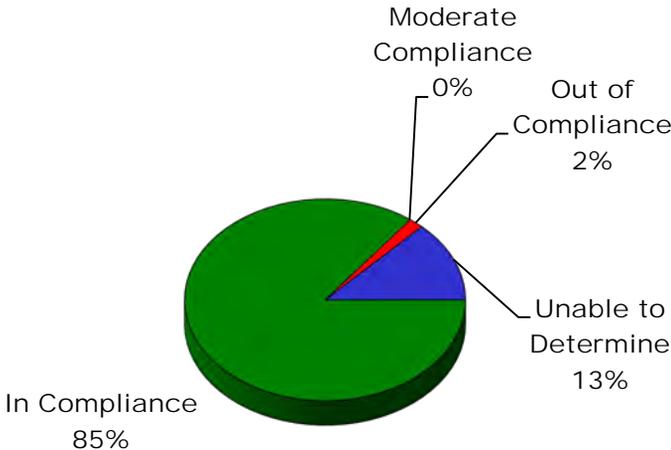
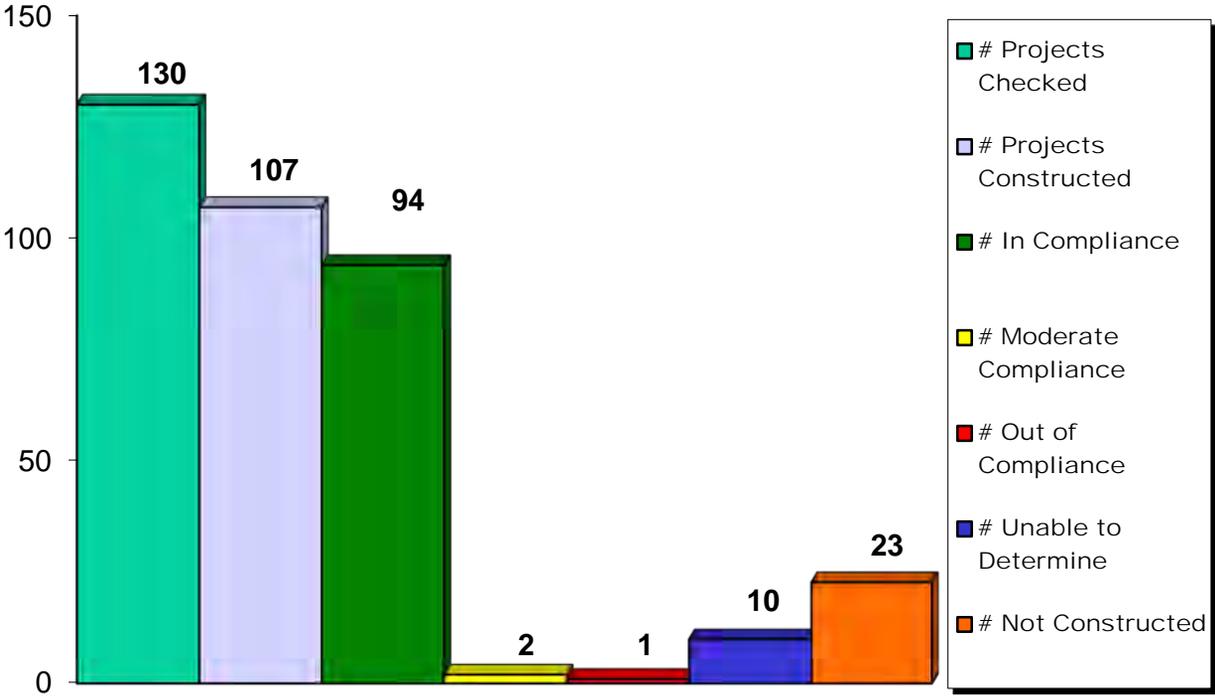


Figure 4 – Inspections for randomly selected wetland permits issued in 2016.

2015 Inspections

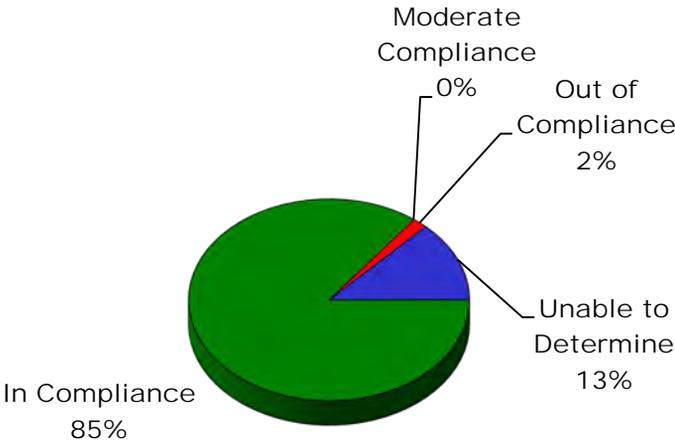
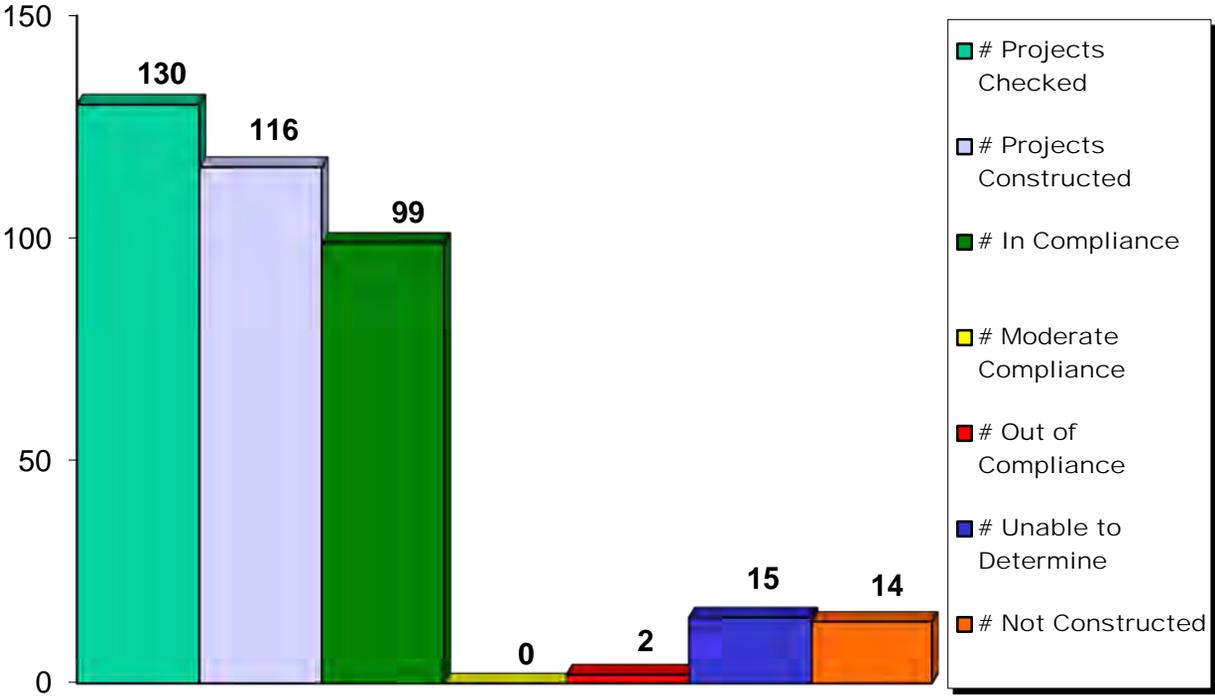


Figure 4 – Inspections for randomly selected wetland permits issued in 2015.

2014 Inspections

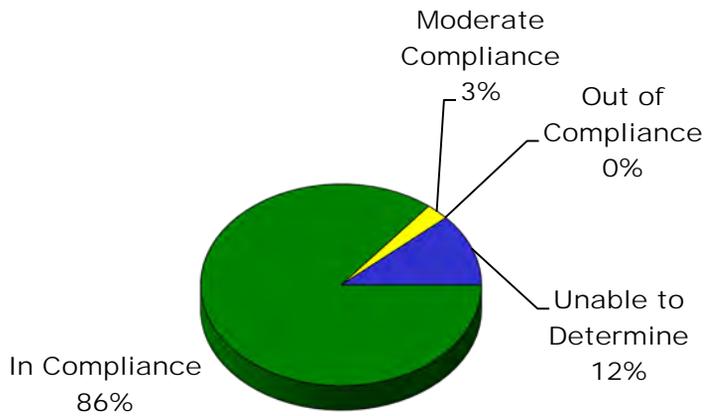
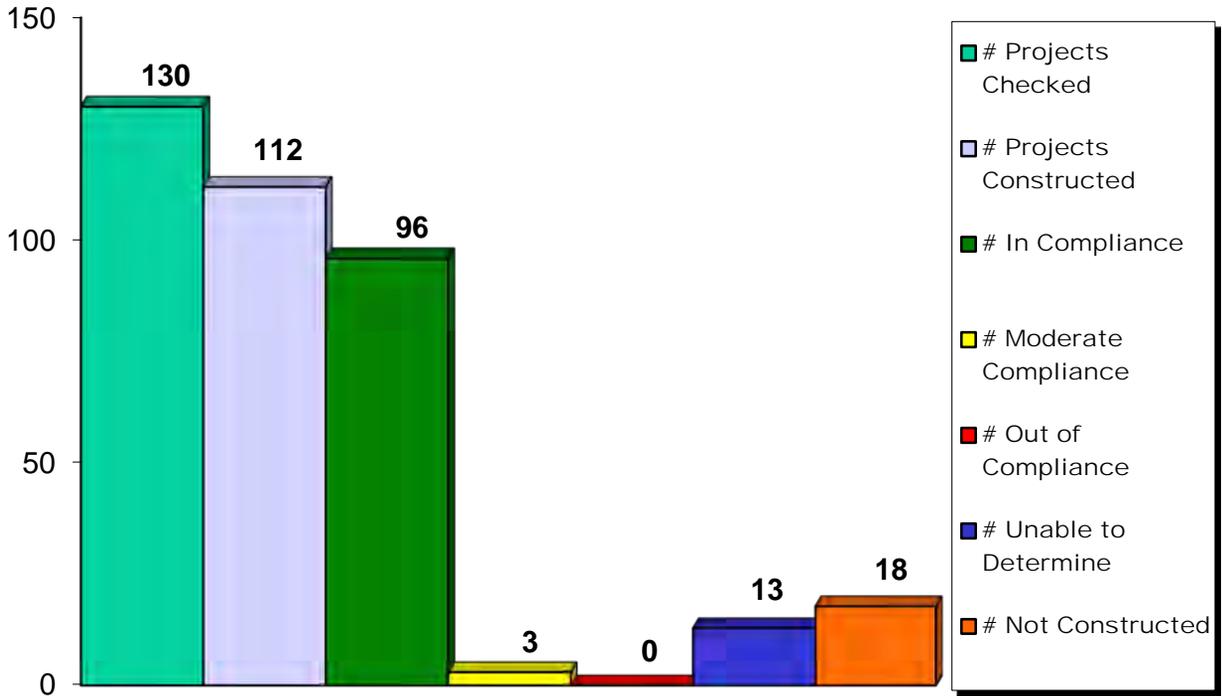


Figure 5 – Inspections for randomly selected wetland permits issued in 2014.

2013 Inspections

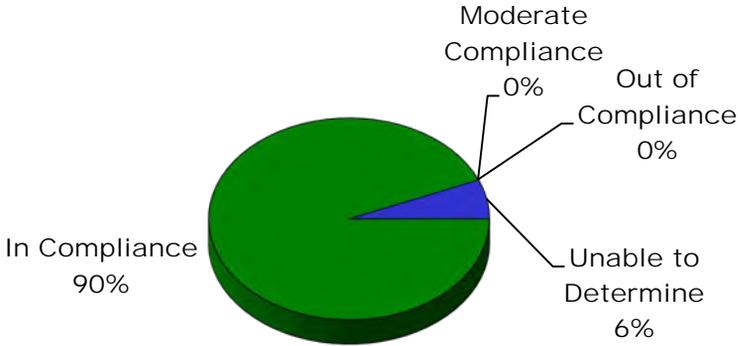
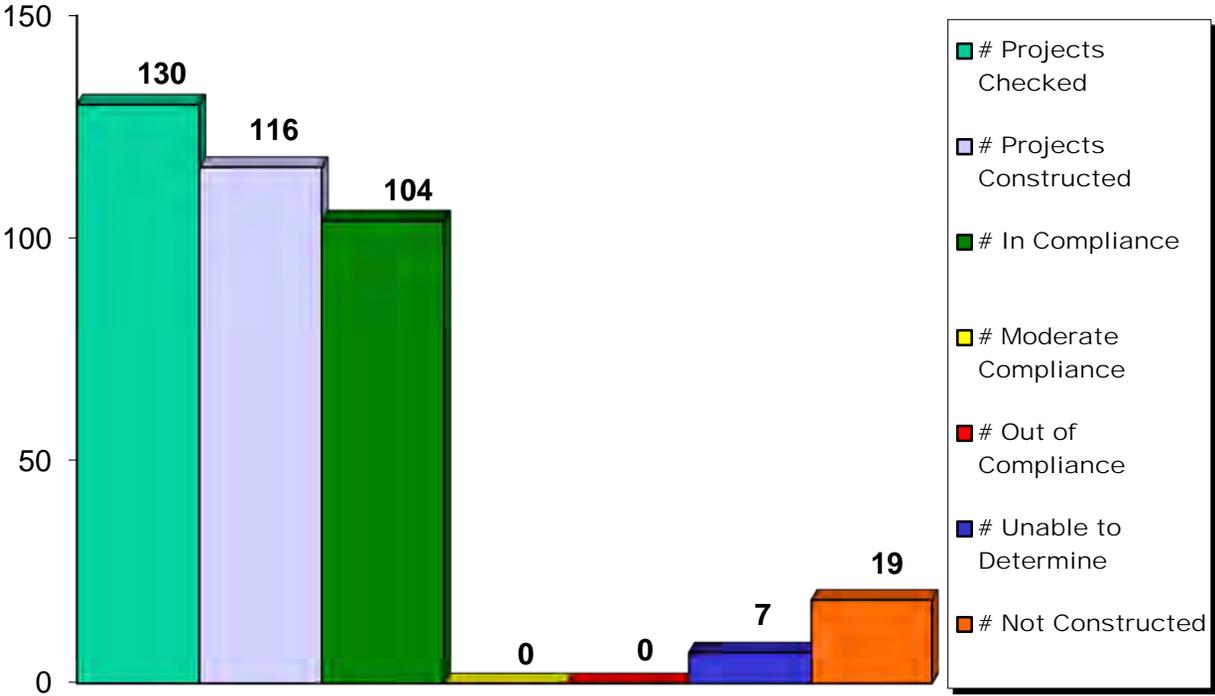


Figure 6 – Inspections for randomly selected wetland permits issued in 2013.

2012 Inspections

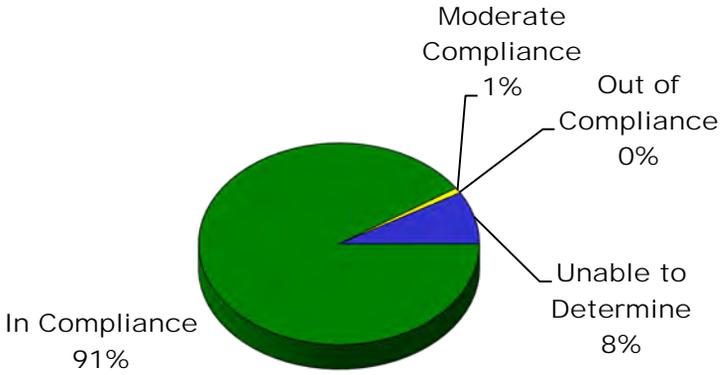
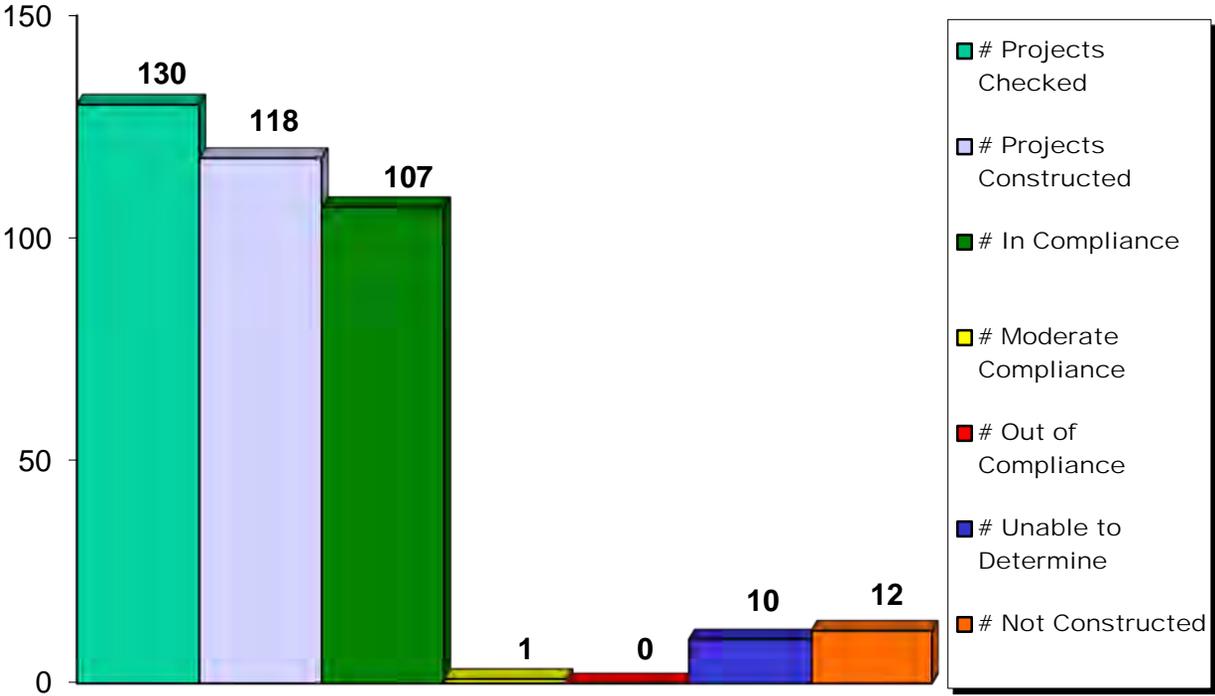


Figure 7 – Inspections for randomly selected wetland permits issued in 2012.

2011 Inspections

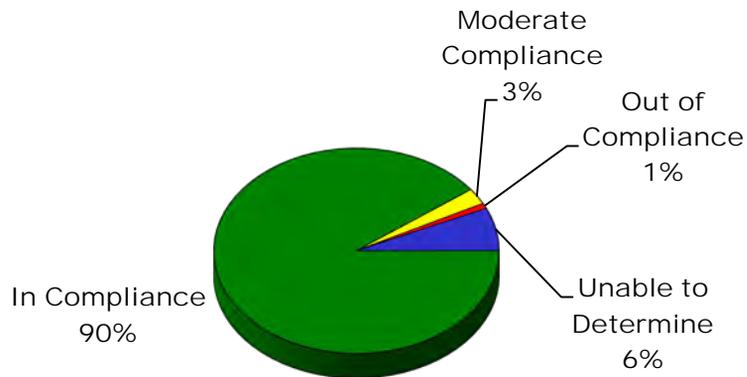
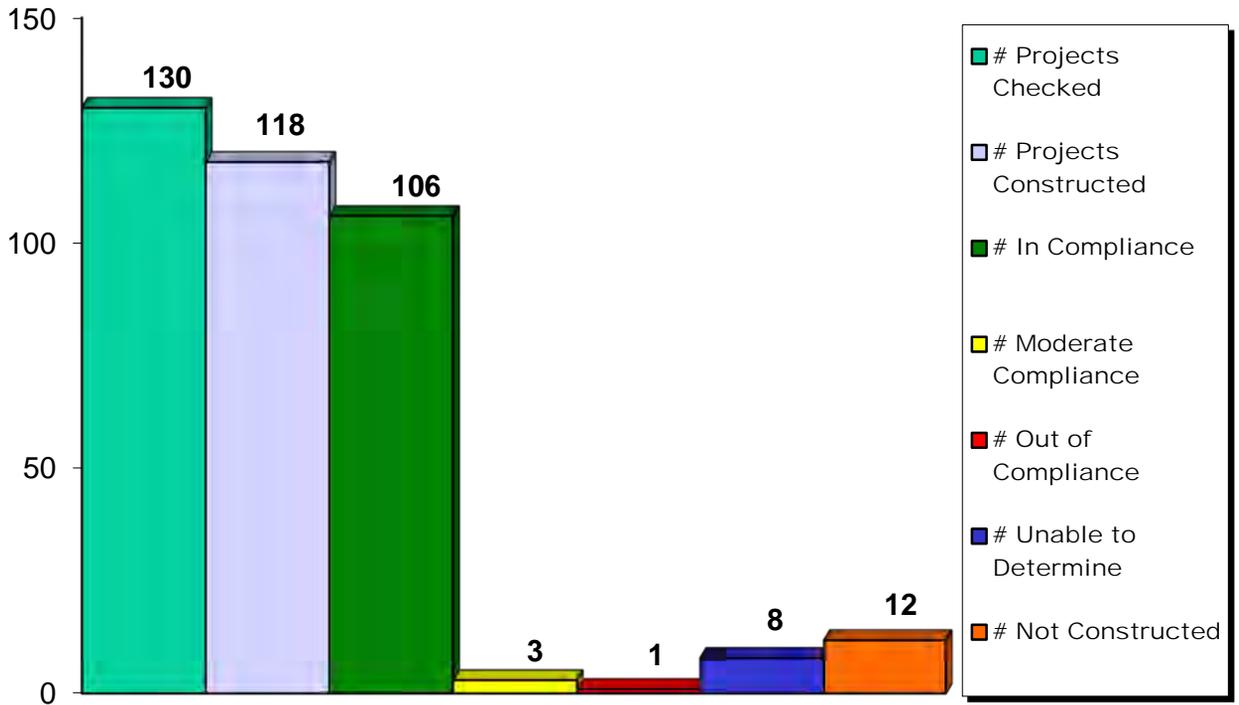


Figure 8 – Inspections for randomly selected wetland permits issued in 2011.

2010 Inspections

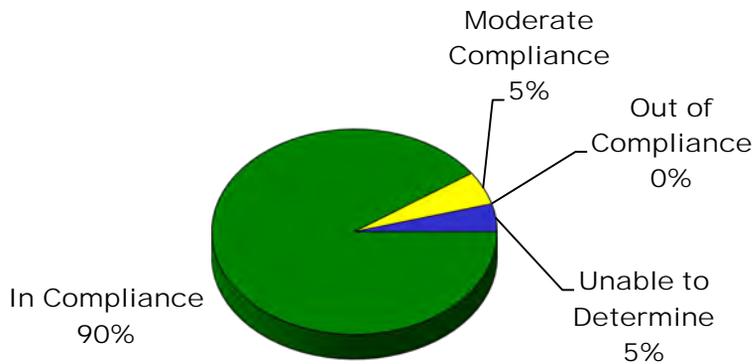
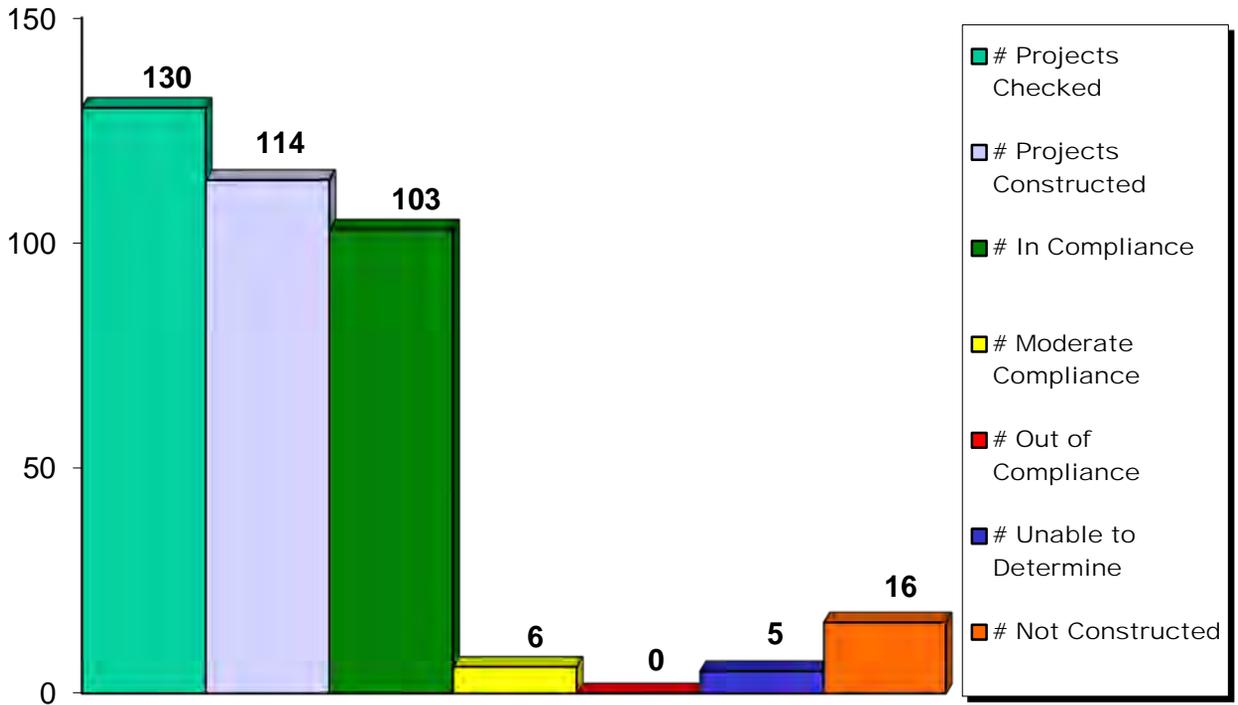


Figure 9 – Inspections for randomly selected wetland permits issued in 2010.

2009 Inspections

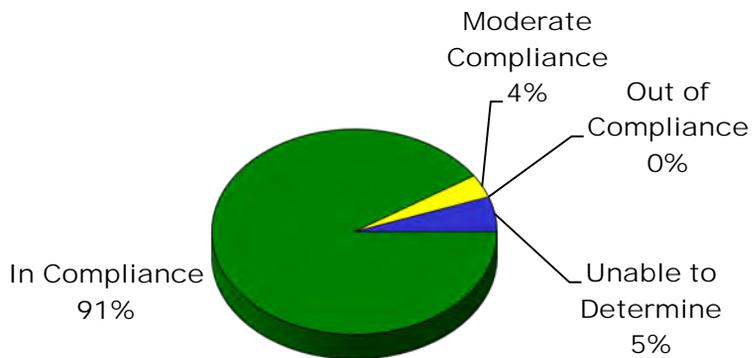
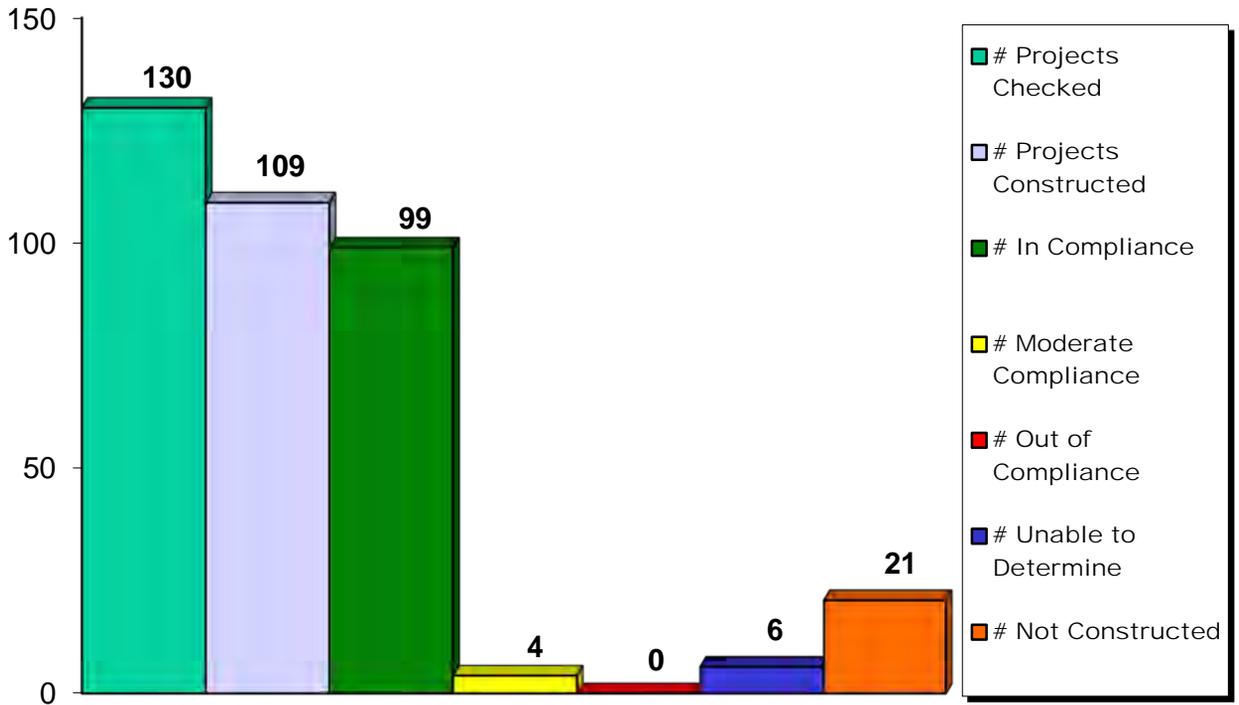


Figure 10 – Inspections for randomly selected wetland permits issued in 2009.

2008 Inspections

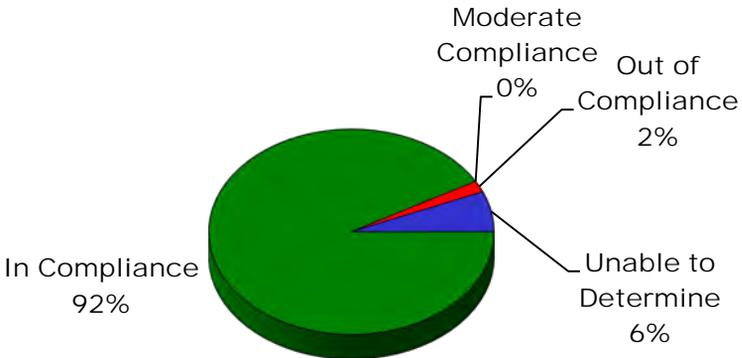
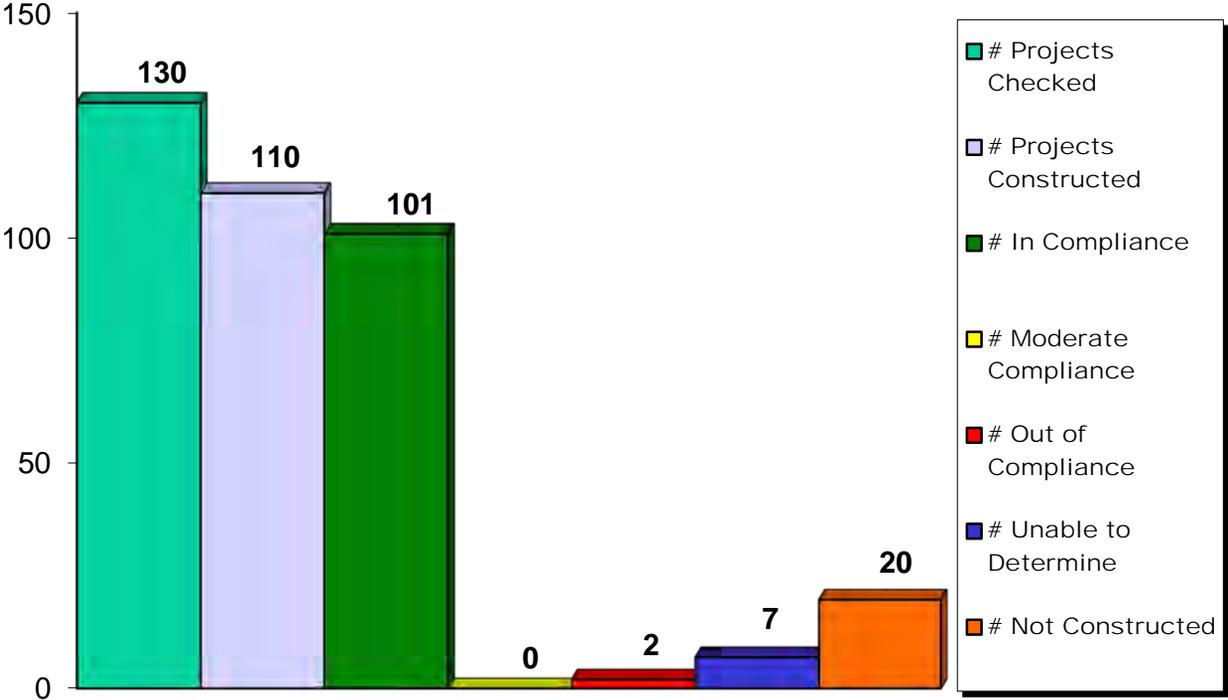


Figure 11 – Inspections for randomly selected wetland permits issued in 2008.

2007 Inspections

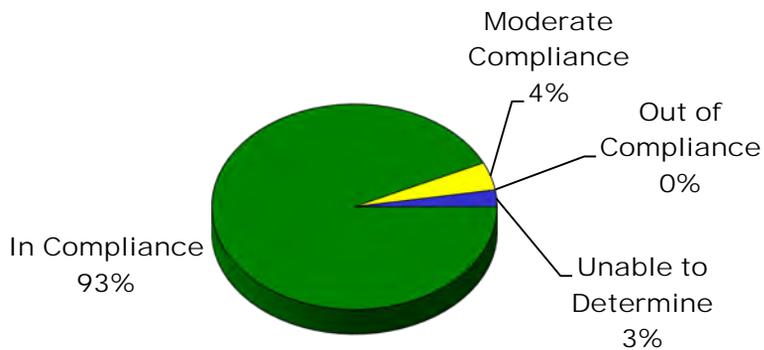
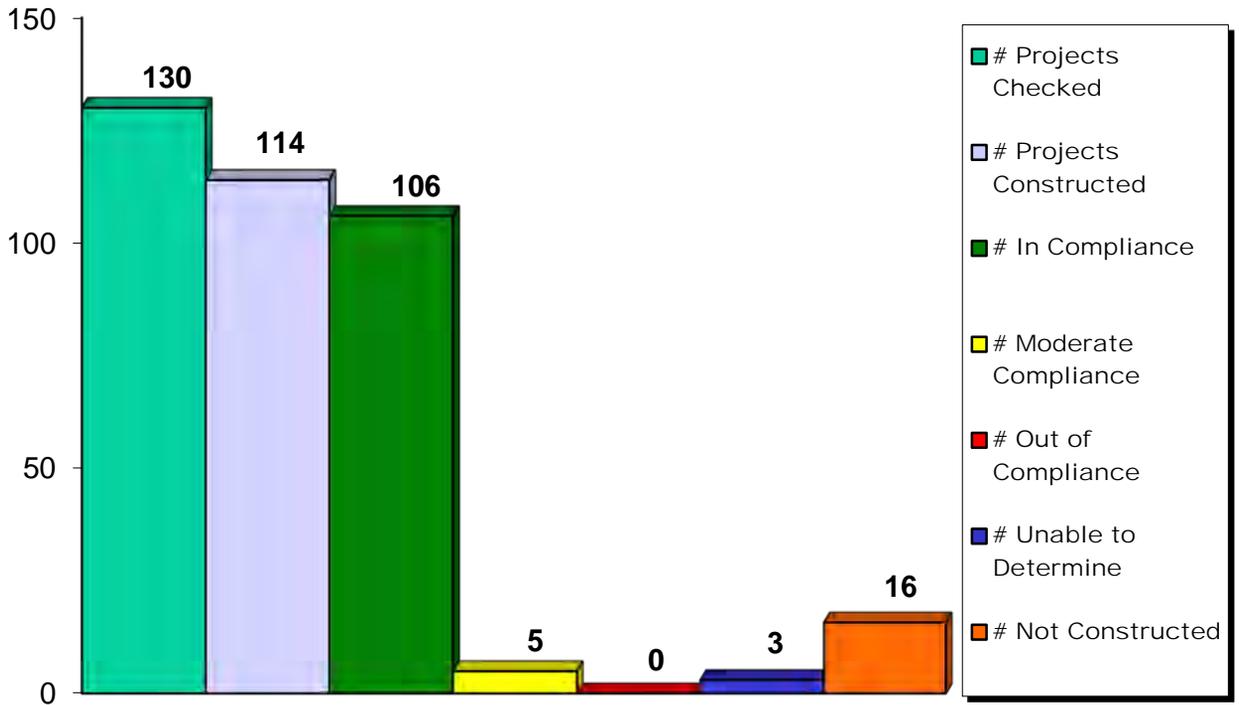


Figure 12 – Inspections for randomly selected wetland permits issued in 2007.

2006 Inspections

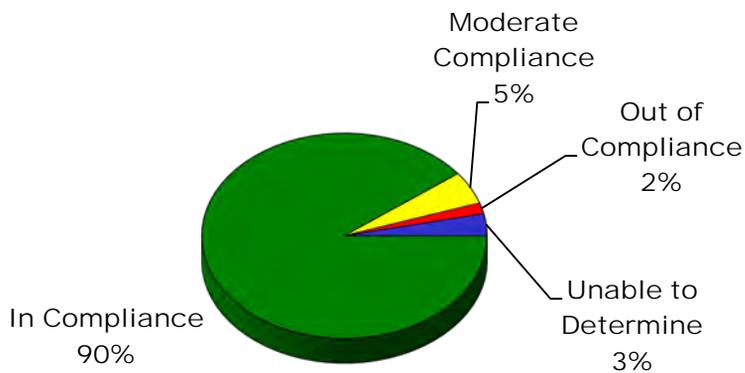
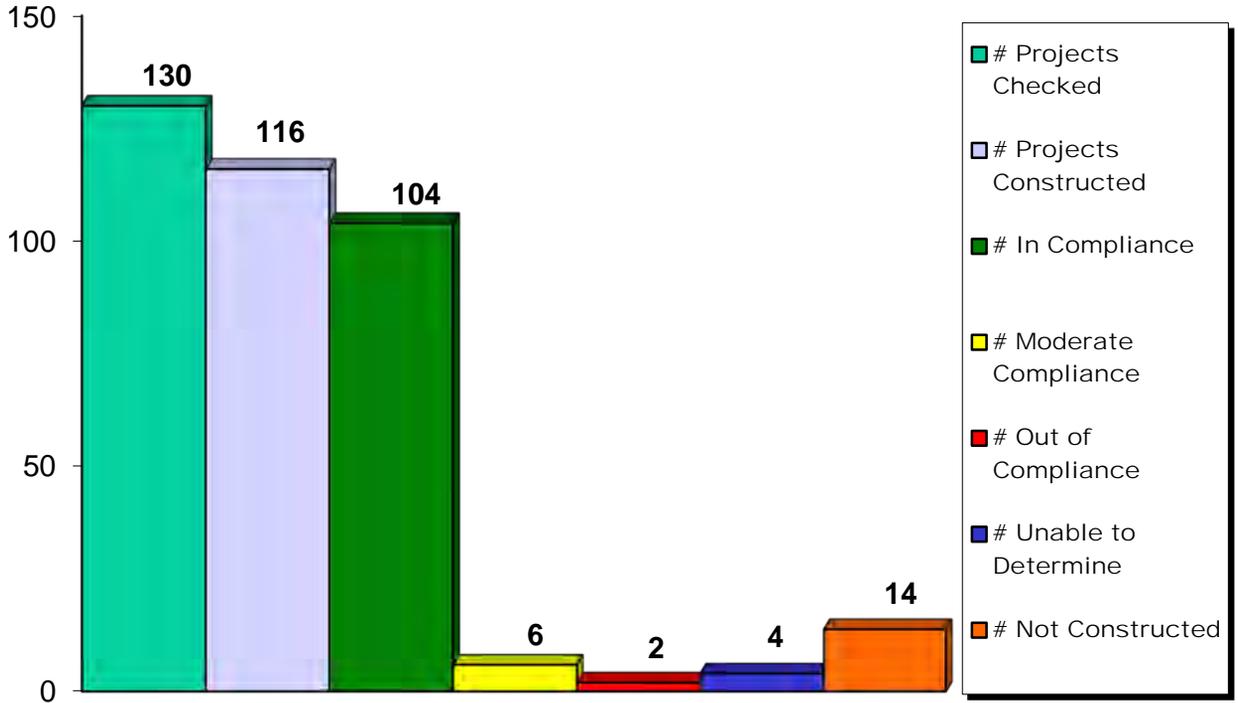


Figure 13 – Inspections for randomly selected wetland permits issued in 2006.

2005 Inspections

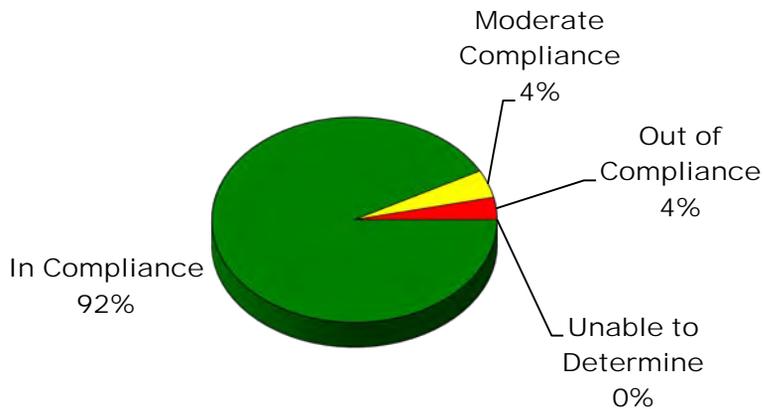
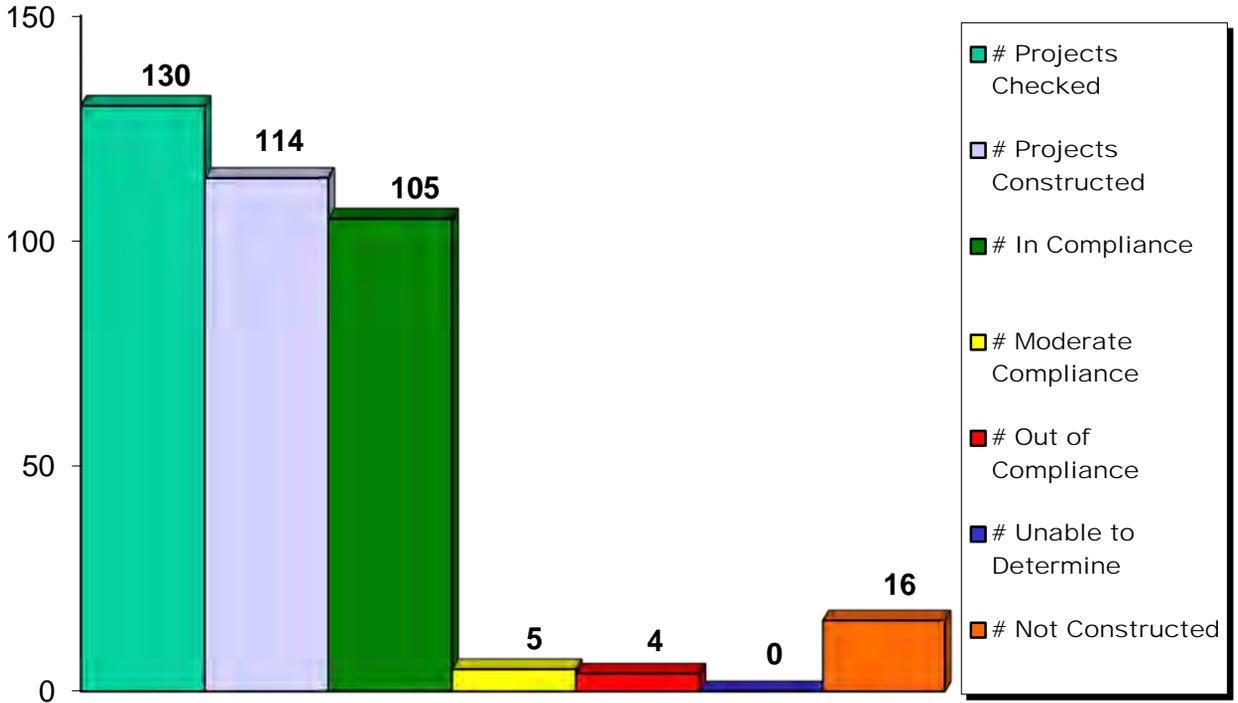


Figure 14 – Inspections for randomly selected wetland permits issued in 2005.

2004 Inspections

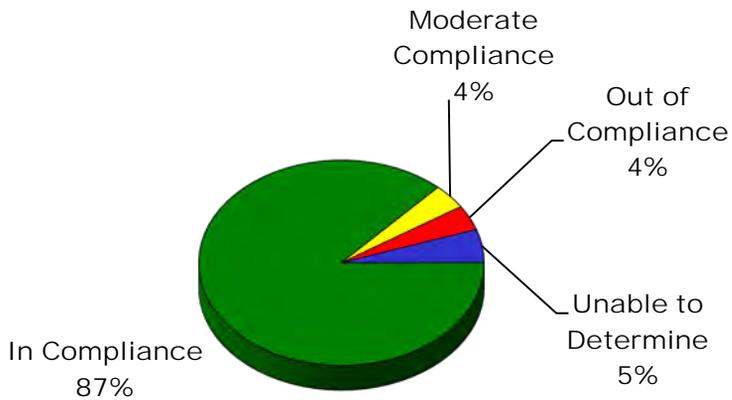
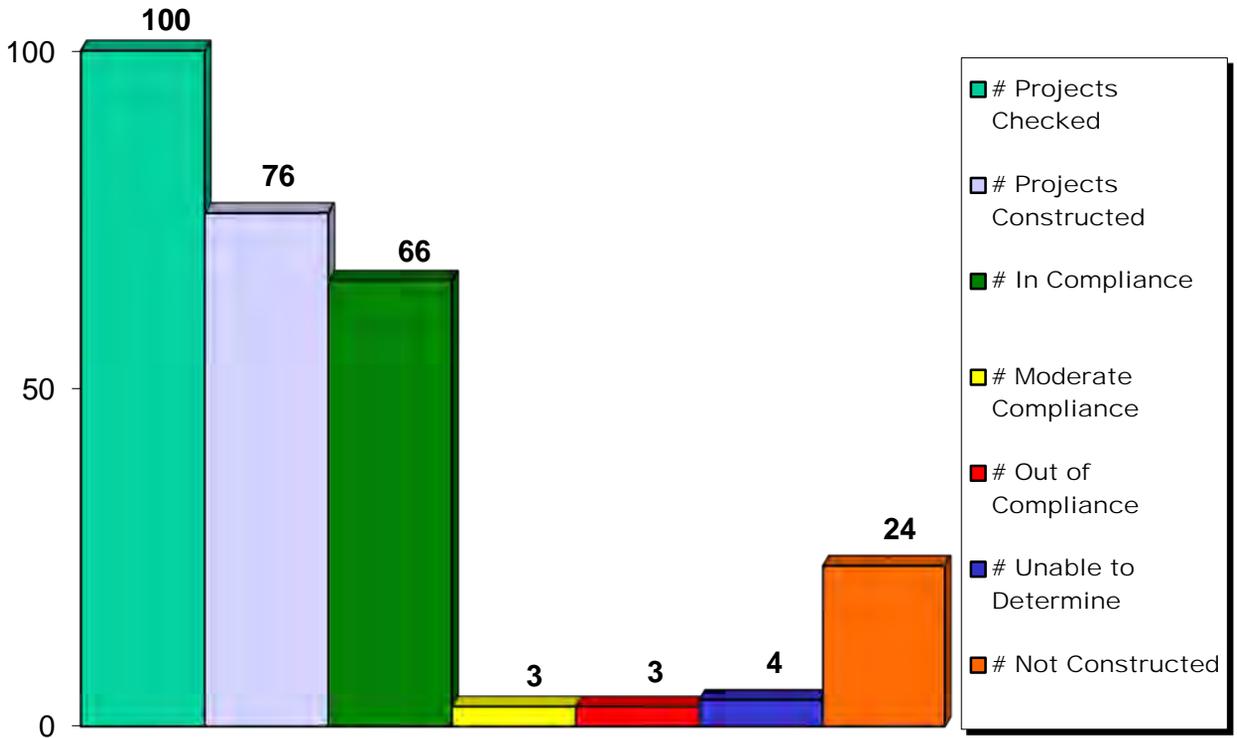


Figure 15 – Inspections for randomly selected wetland permits issued in 2004.

2003 Inspections

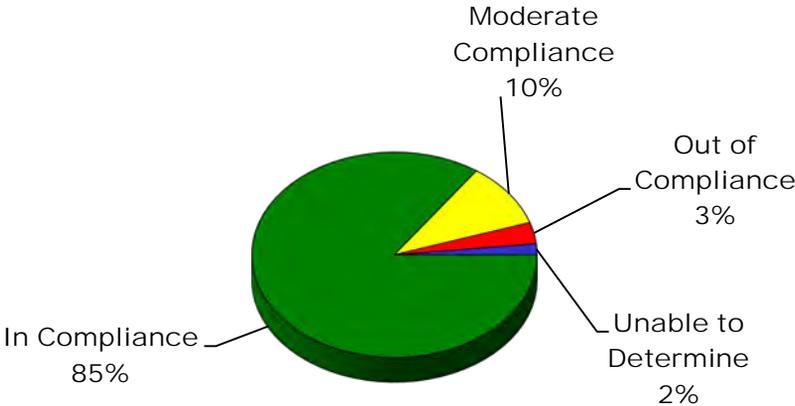
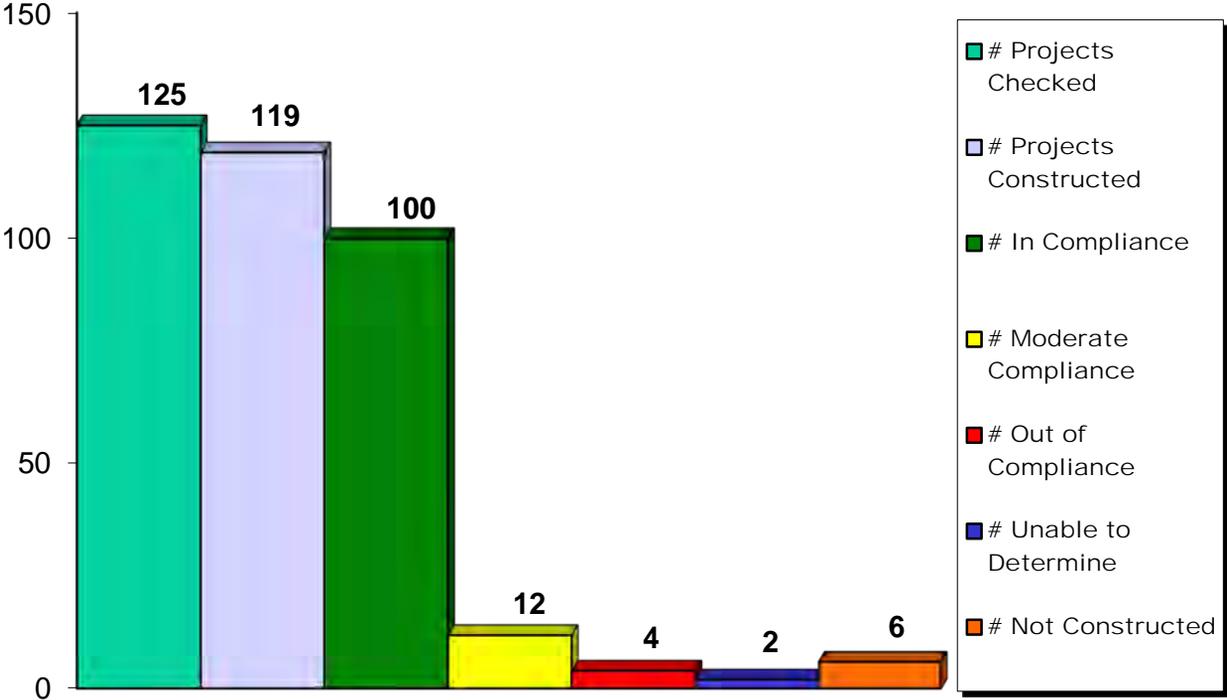


Figure 16 – Inspections for randomly selected wetland permits issued in 2003.

2002 Inspections

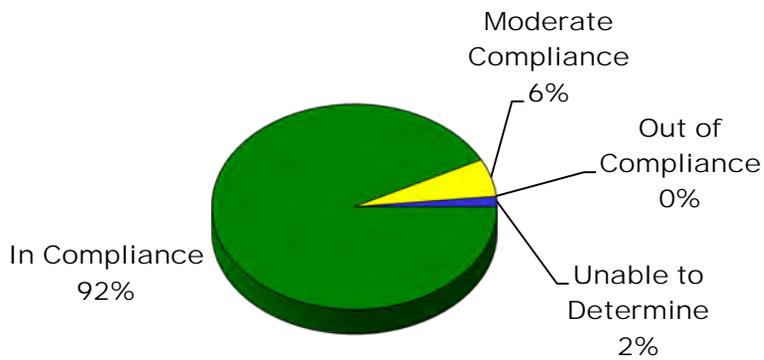
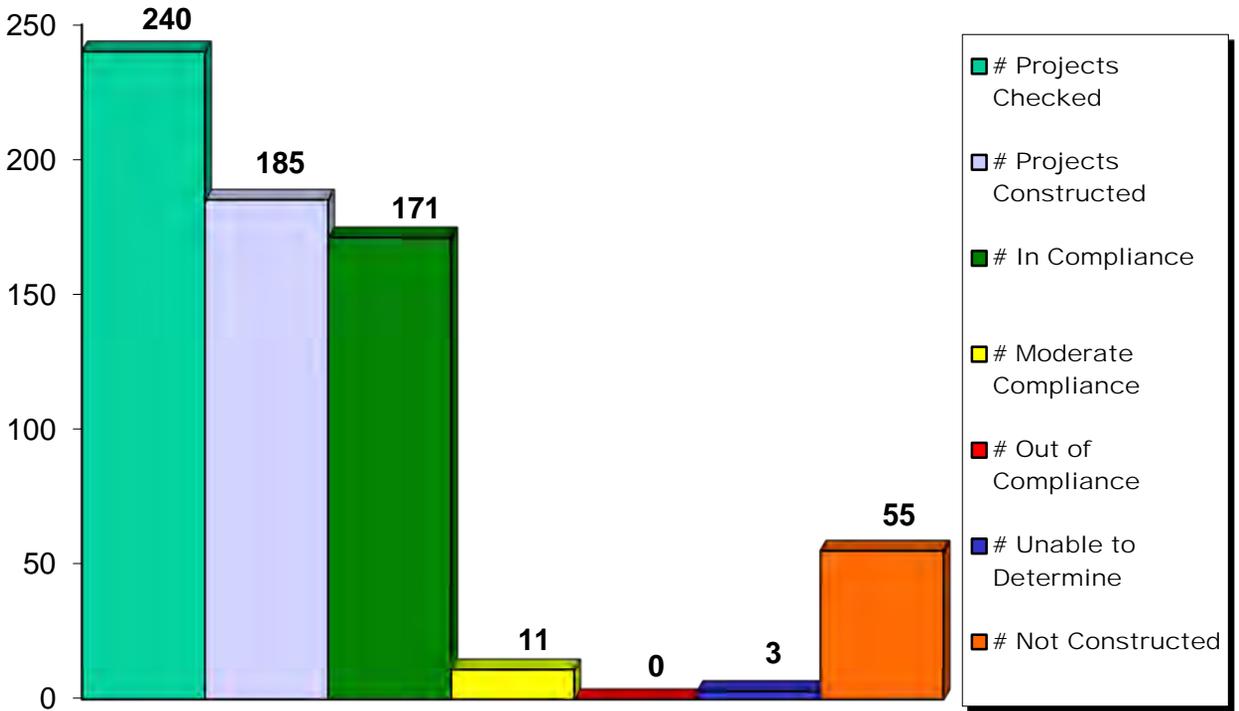


Figure 17 – Inspections for randomly selected wetland permits issued in 2002.

2001 Inspections

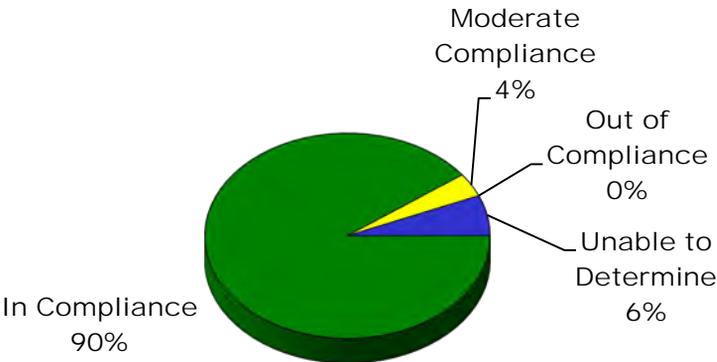
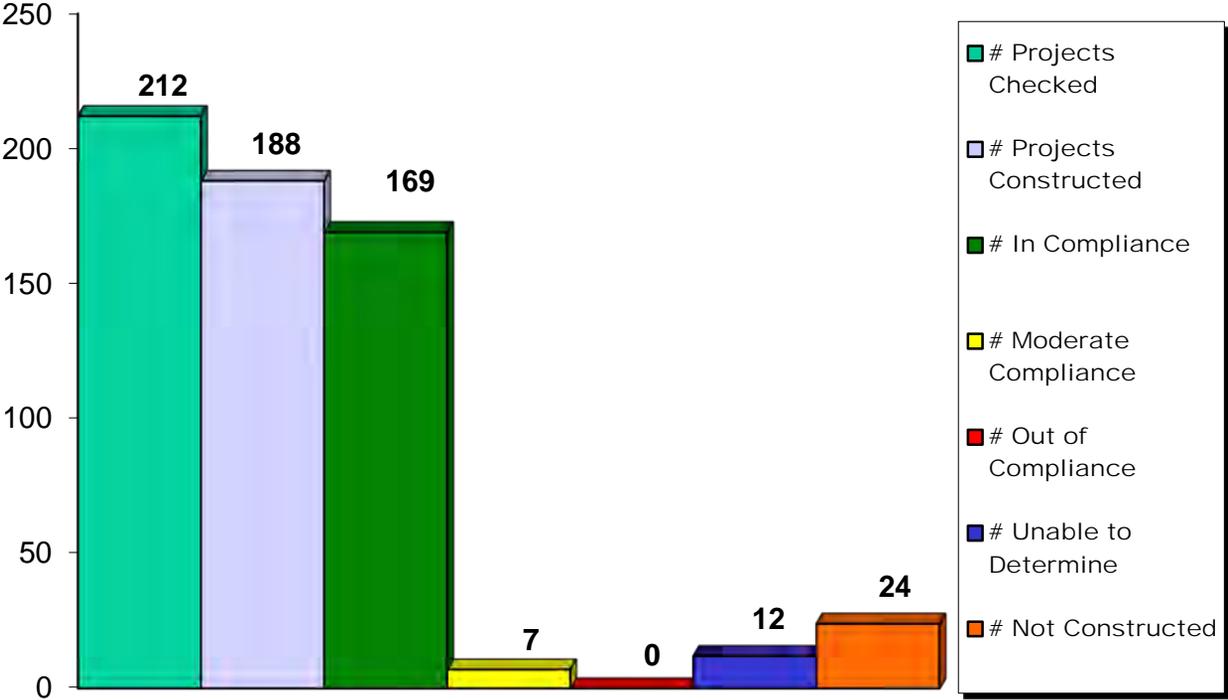


Figure 18 – Inspections for randomly selected wetland permits issued in 2001.

2000 Inspections

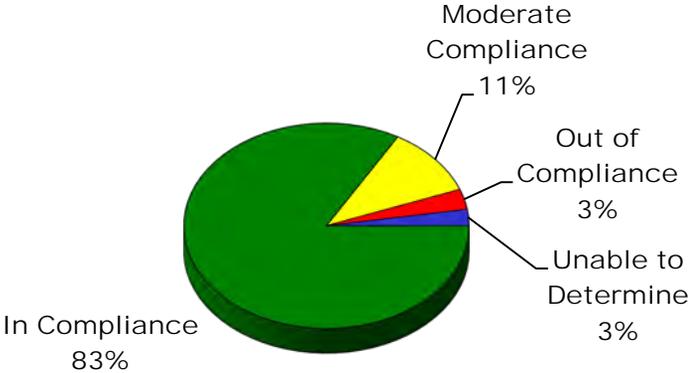
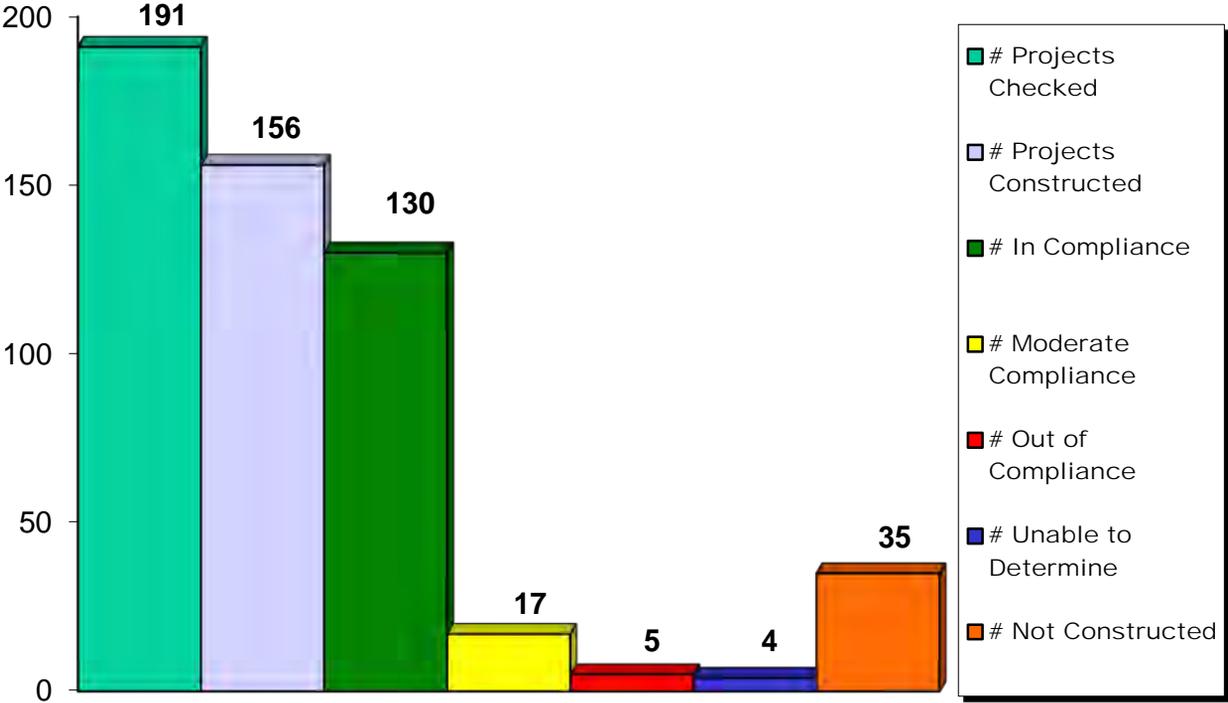


Figure 19 – Inspections for randomly selected wetland permits issued in 2000.

1999 Inspections

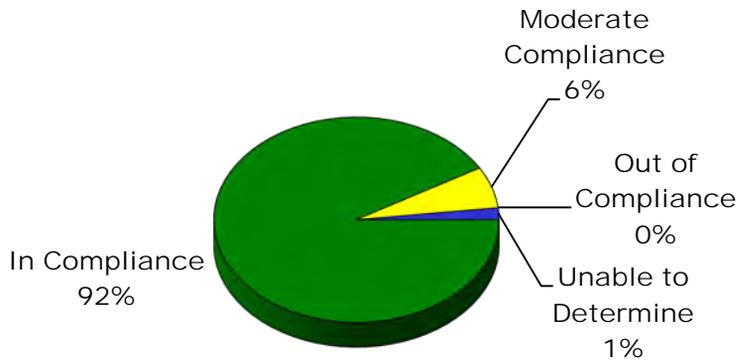
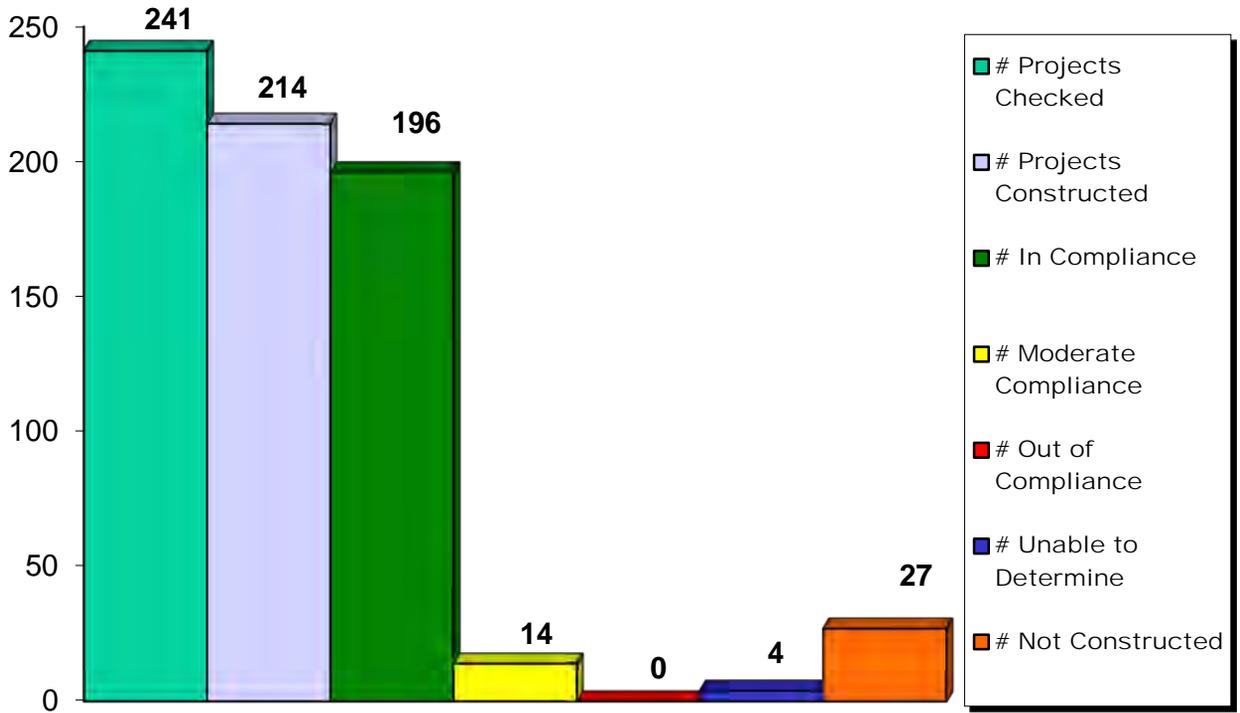


Figure 20 – Inspections for randomly selected wetland permits issued in 1999.

1998 Inspections

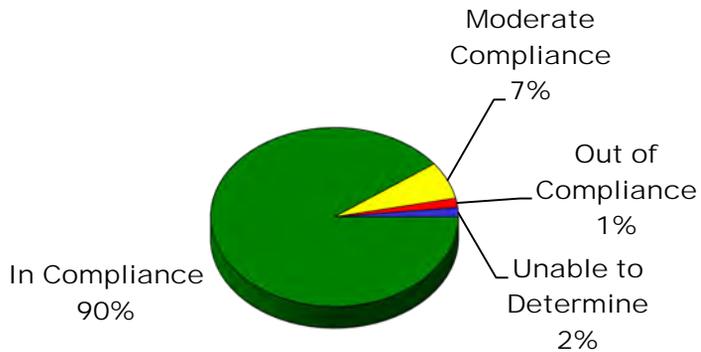
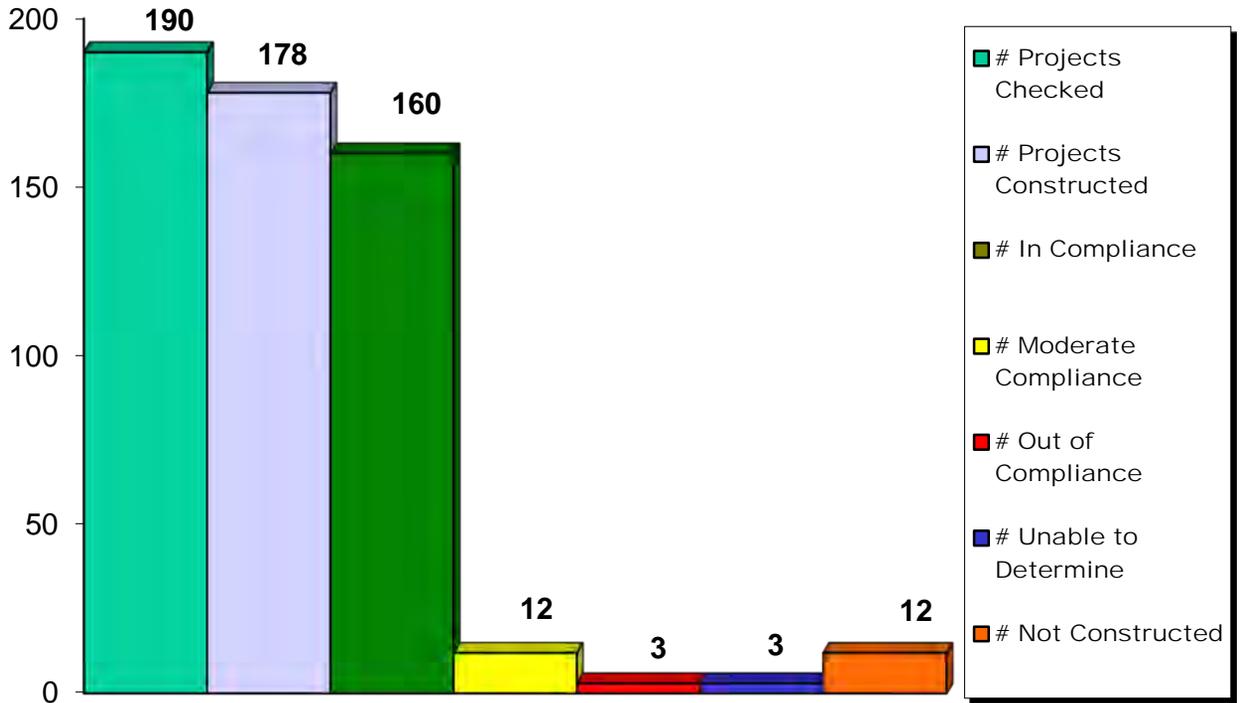


Figure 21– Inspections for randomly selected wetland permits issued in 1998.

1997 Inspections

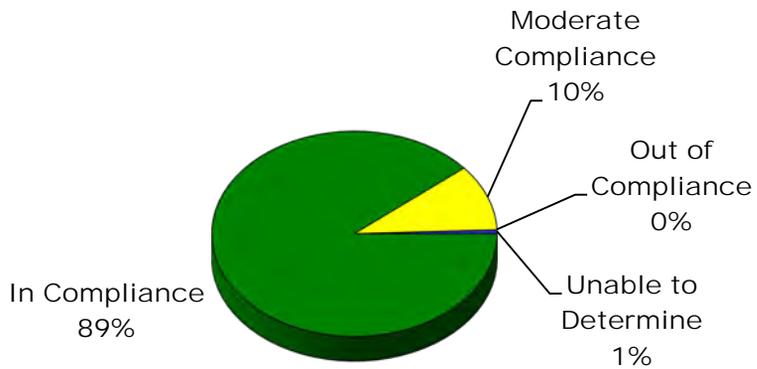
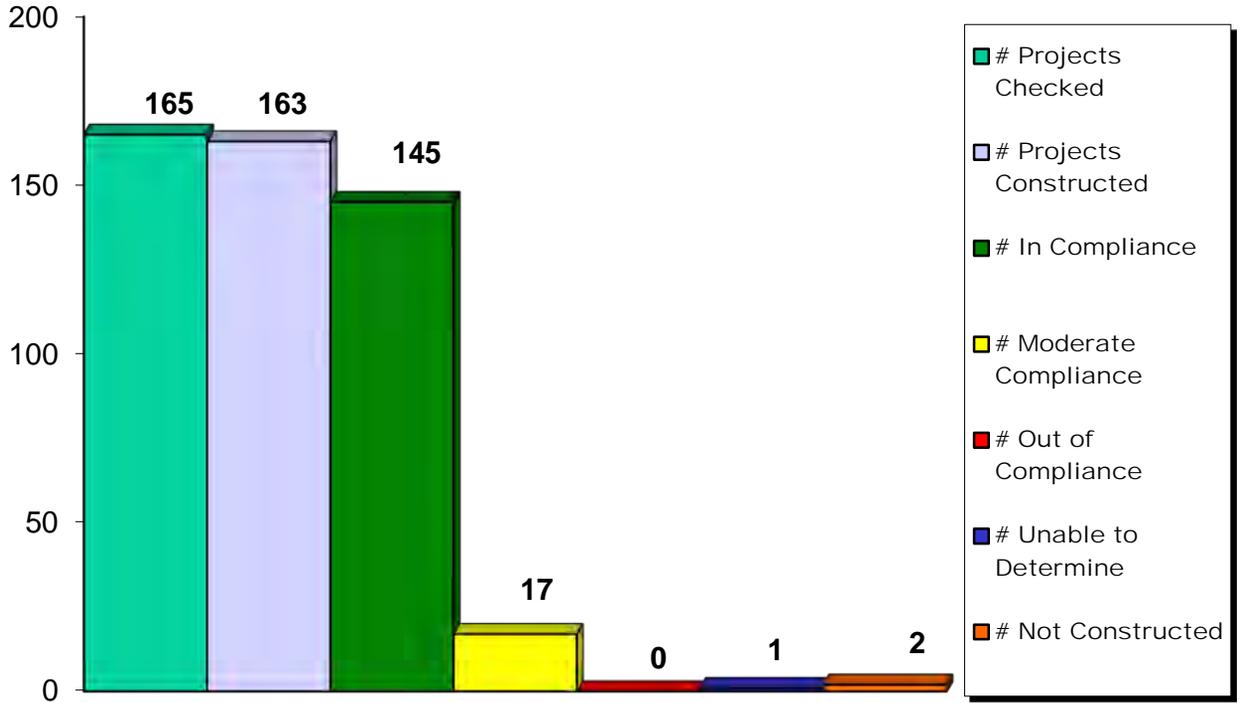


Figure 22 – Inspections for randomly selected wetland permits issued in 1997.

1996 Inspections

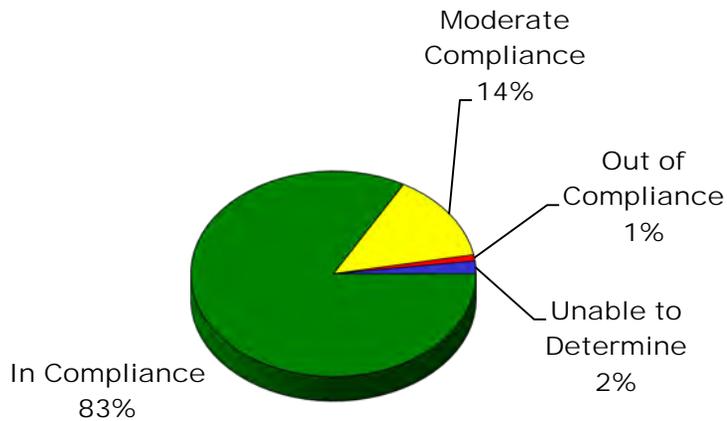
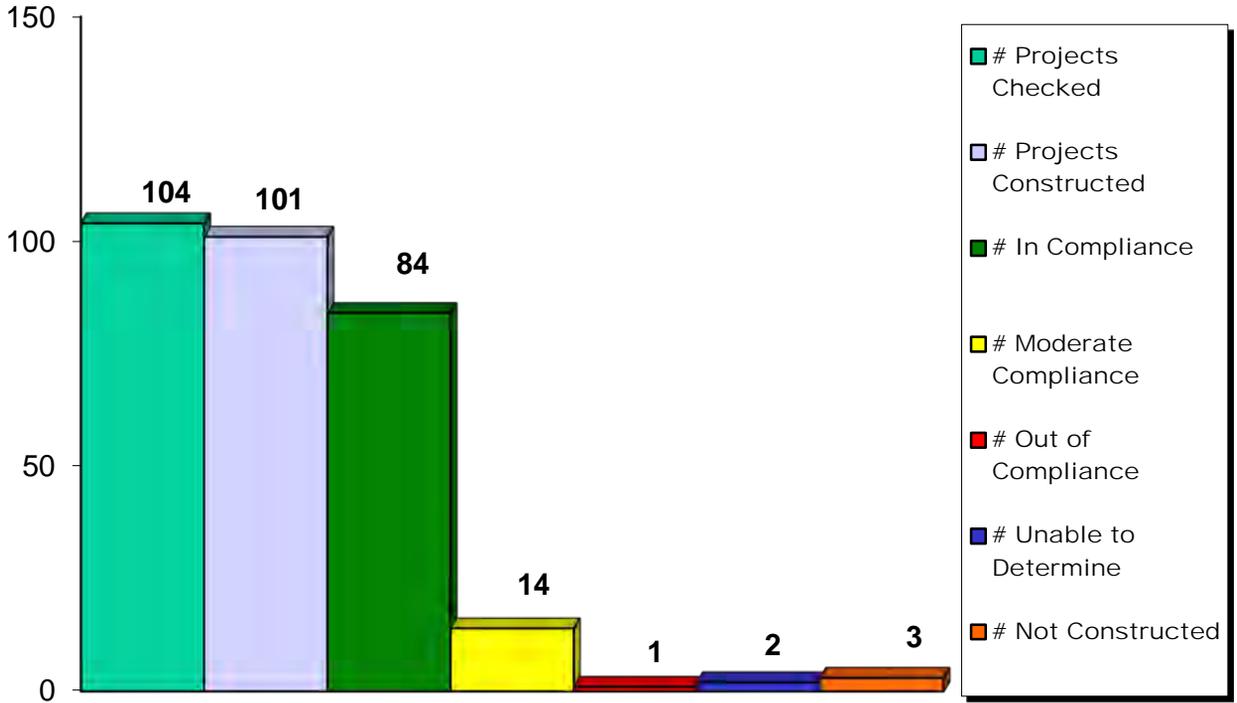


Figure 23 – Inspections for randomly selected wetland permits issued in 1996.

1995 Inspections

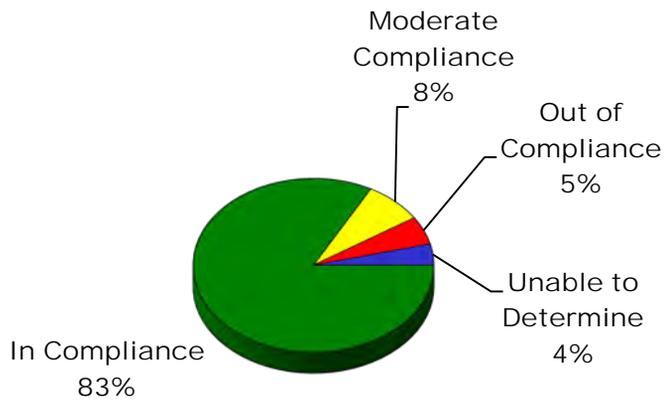
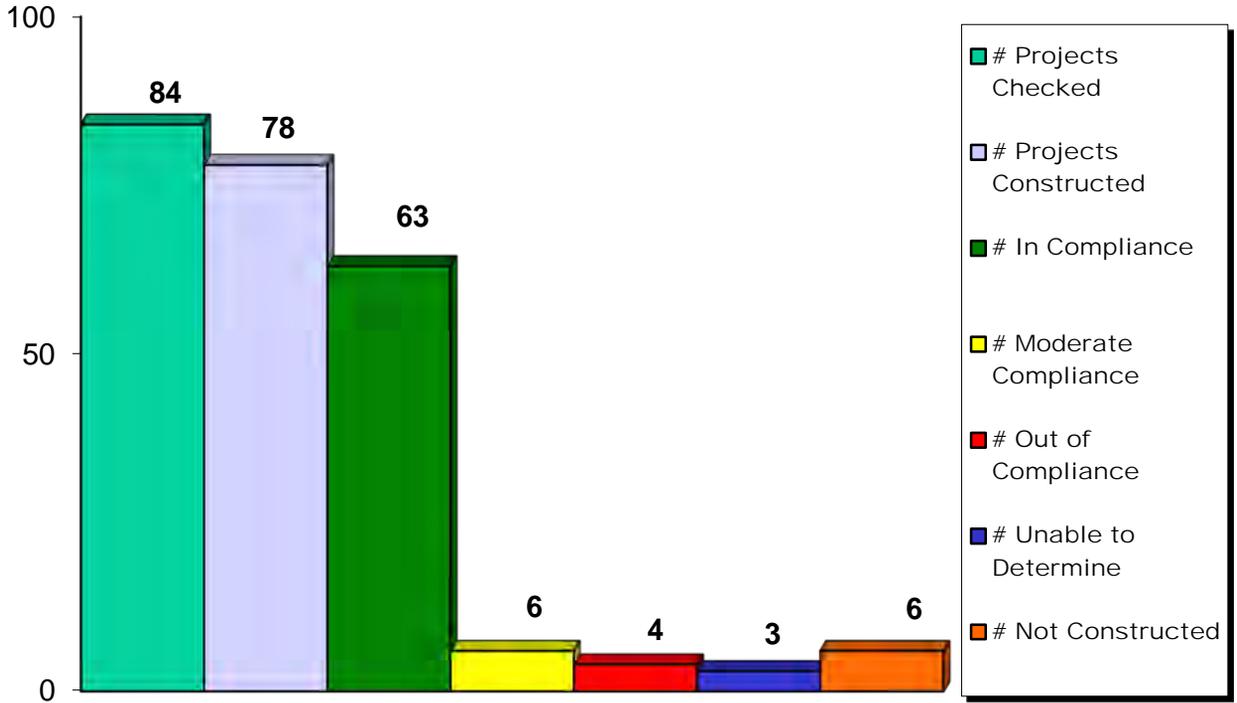


Figure 24 – Inspections for randomly selected wetland permits issued in 1995.

1994 Inspections

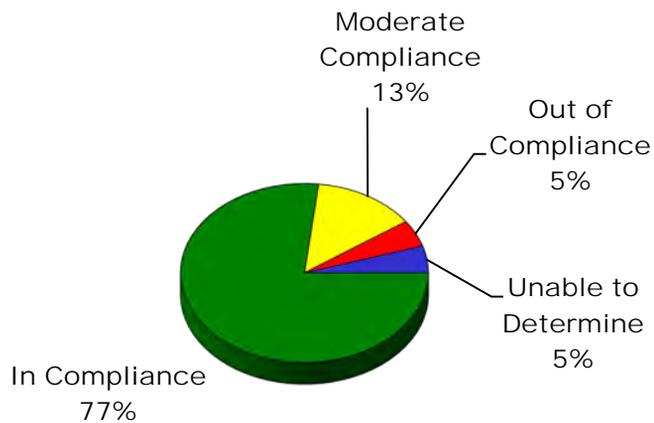
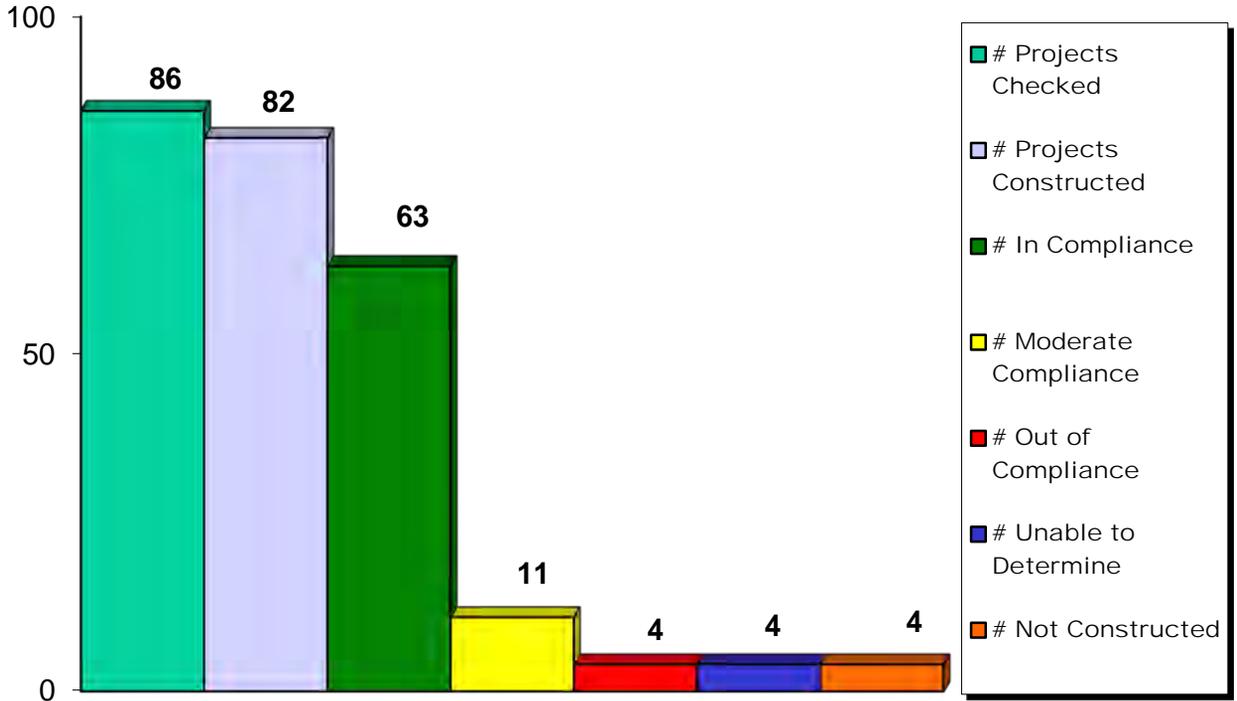


Figure 25 – Inspections for randomly selected wetland permits issued in 1994.

1993 Inspections

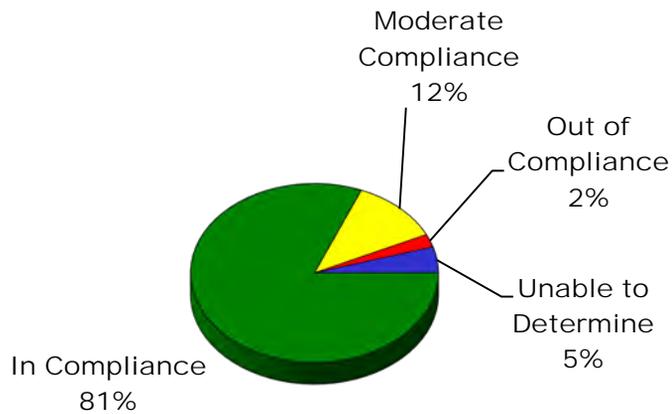
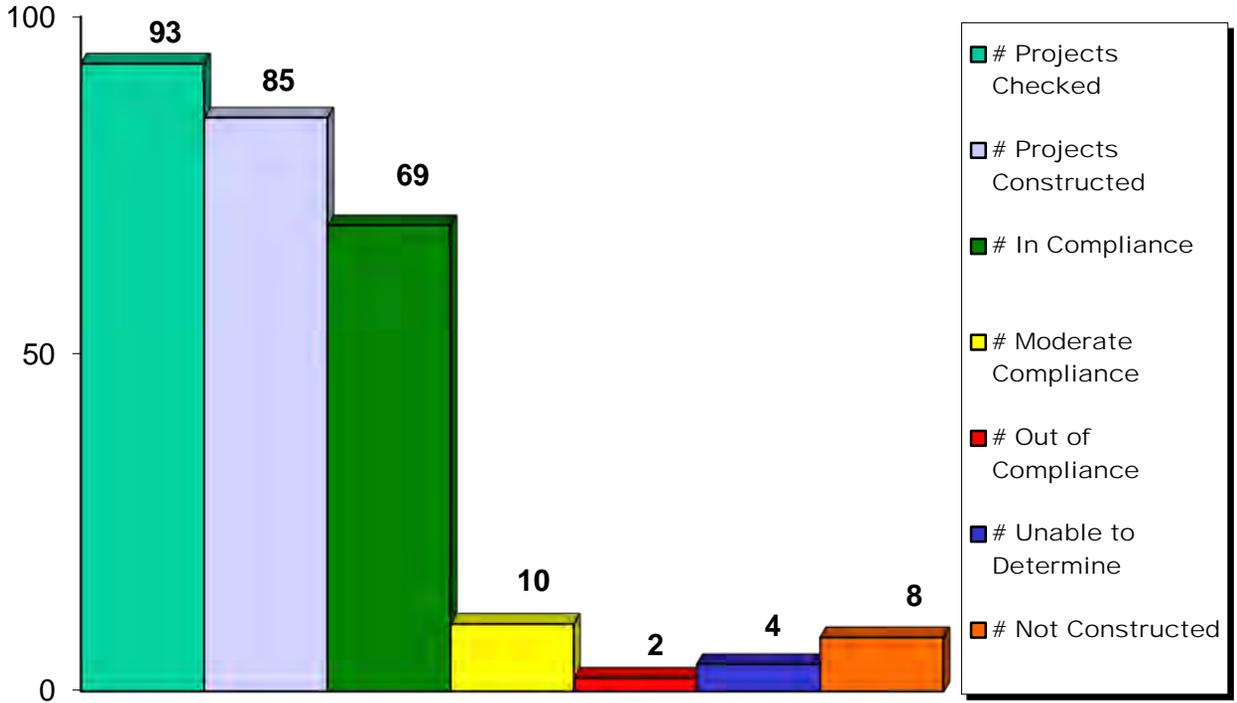


Figure 26 – Inspections for randomly selected wetland permits issued in 1993.

1992 Inspections

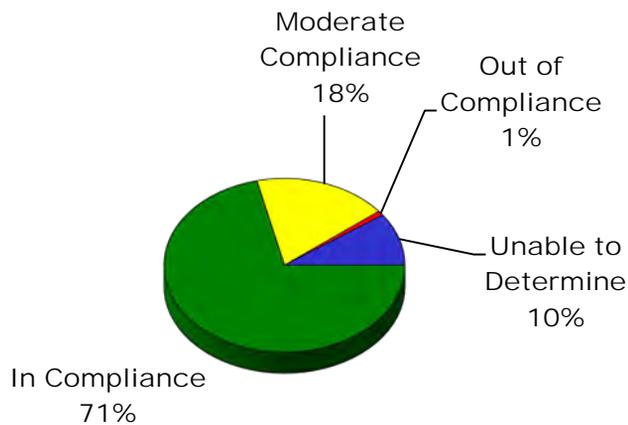
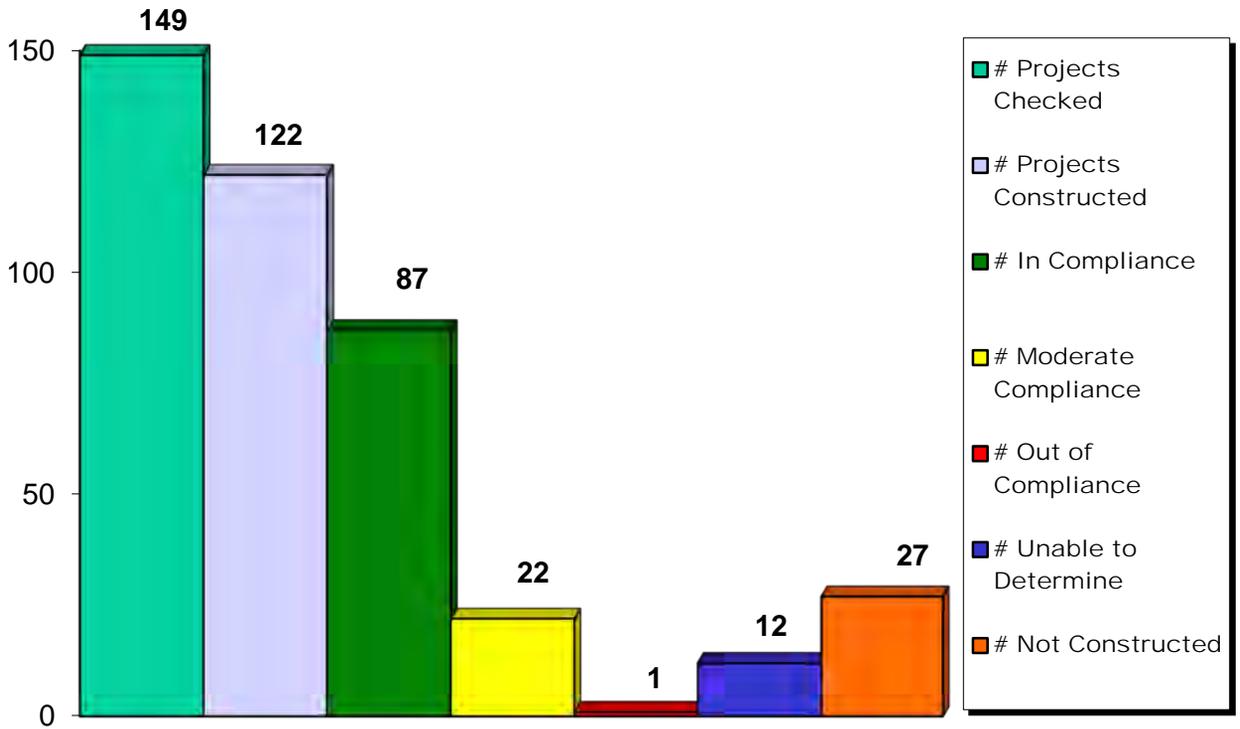


Figure 27– Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1992.

1991 Inspections

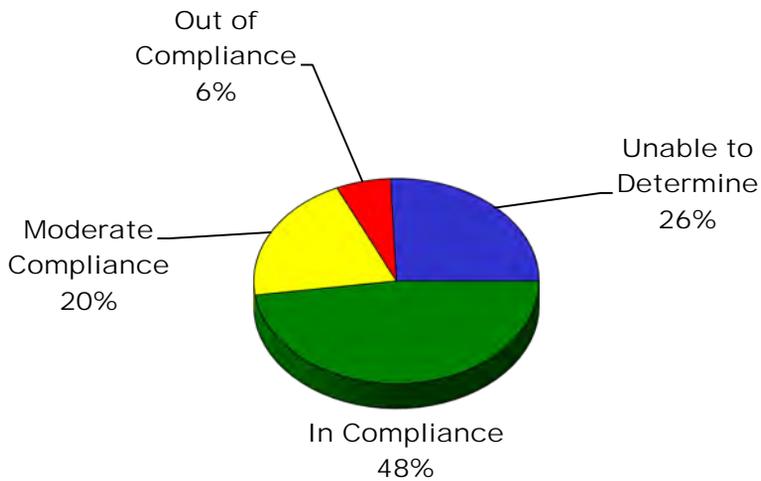
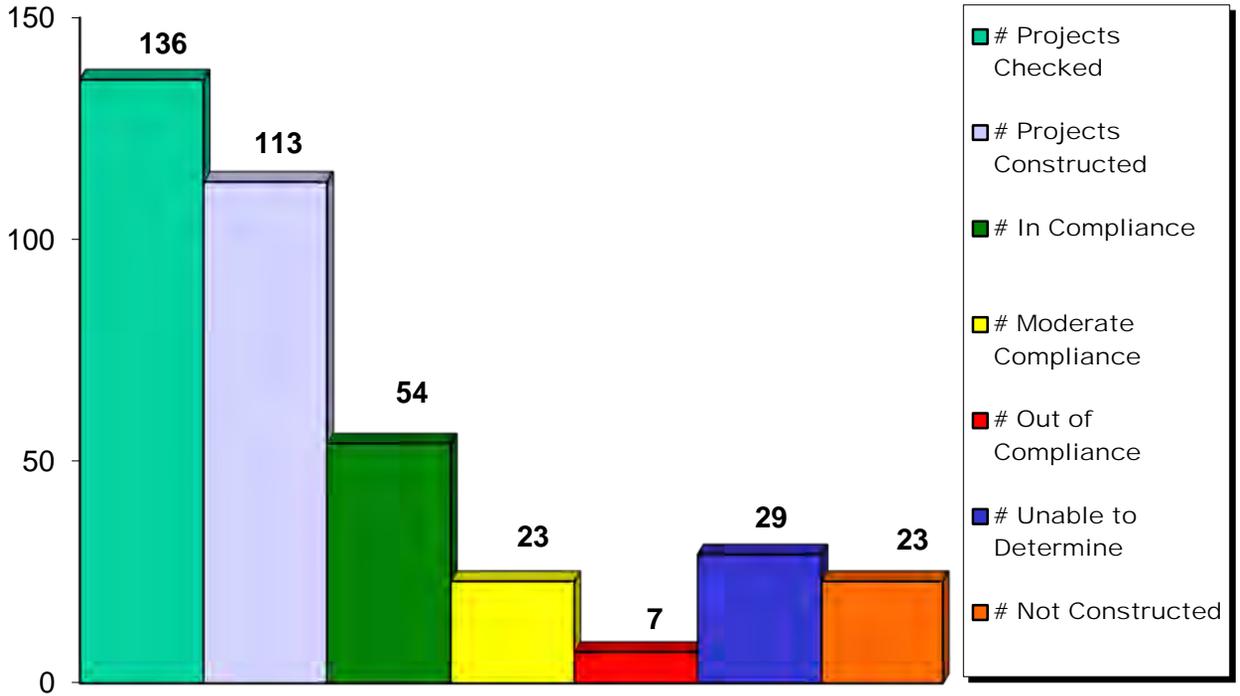


Figure 28 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1991.

1990 Inspections

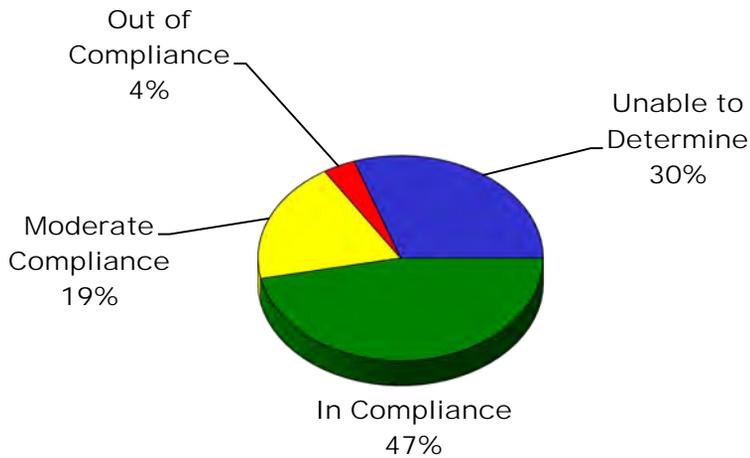
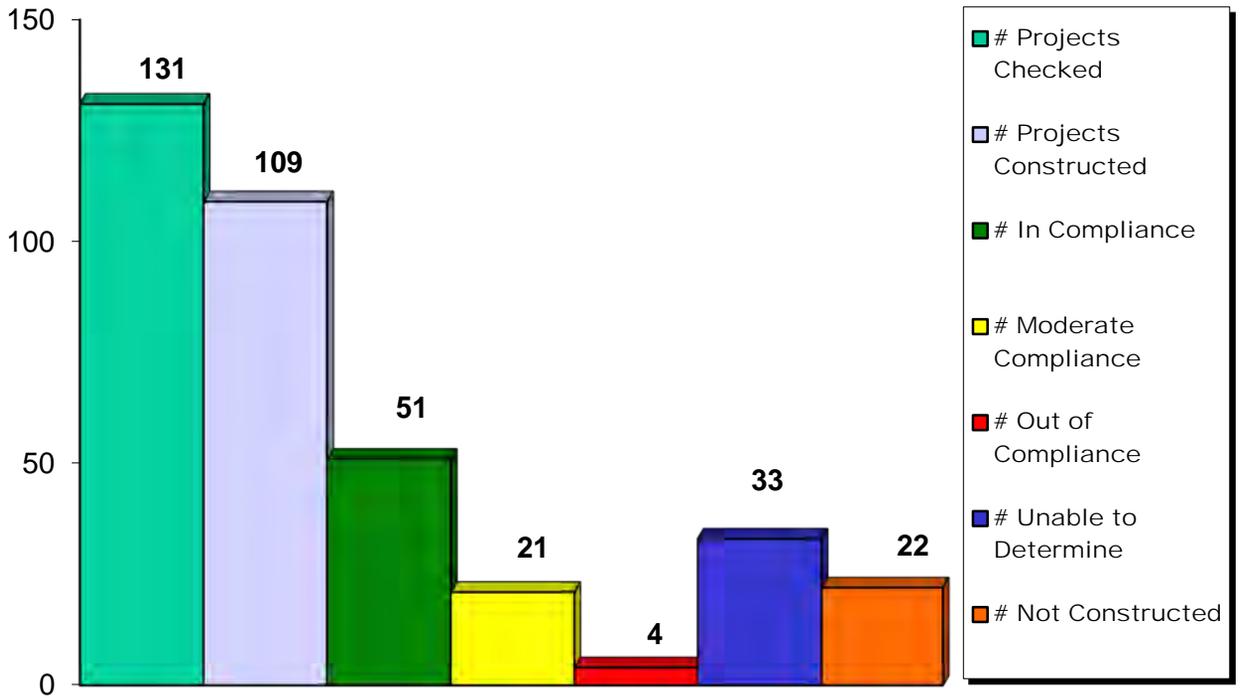


Figure 29 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1990.

1989 Inspections

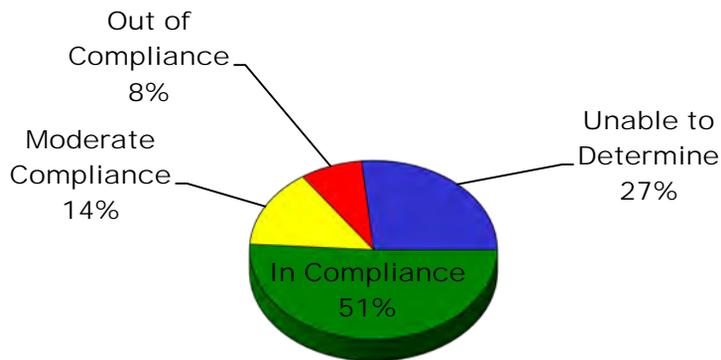
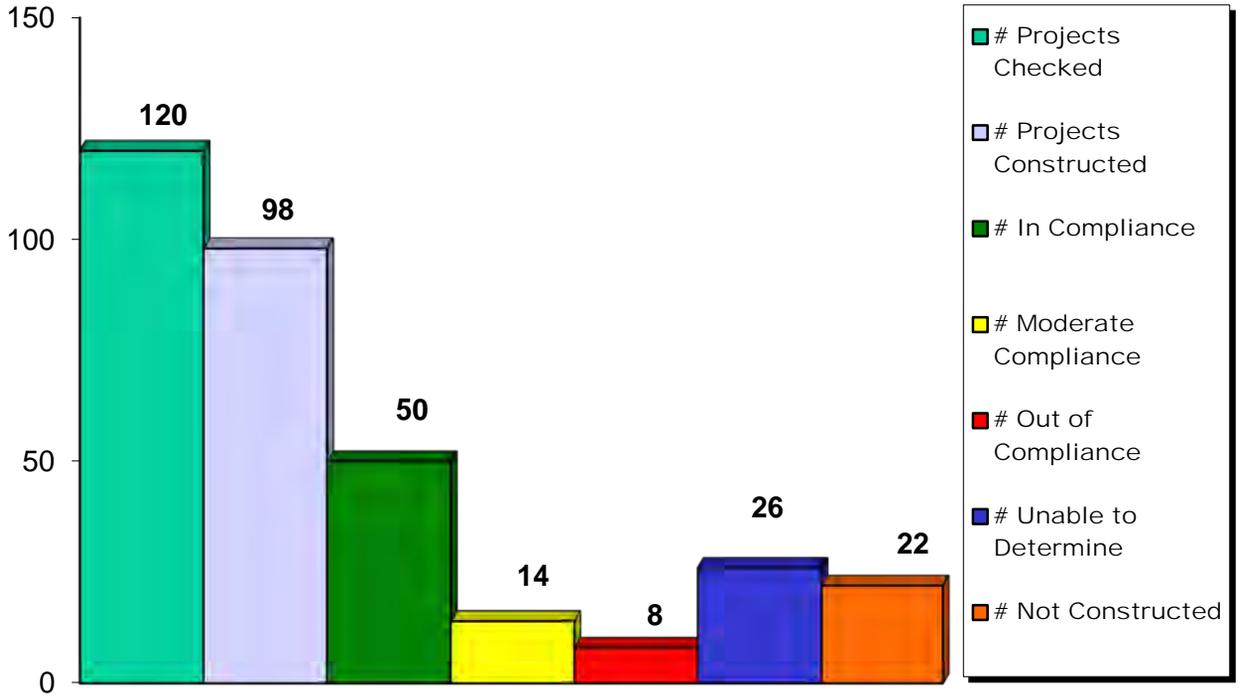


Figure 30 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1989.

Table 1

Number of projects selected for the compliance survey in each locality

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

Locality	Year																											
	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00	99	98	97	96	95	94	93	92	91	90	89
Mathews	8	13	10	18	6	9	12	10	7	4	7	7	4	2	11	9	10	17	10	8	8	1	3	2	8	9	3	3
Middlesex	18	9	13	12	11	14	8	9	18	6	9	9	6	8	12	9	9	14	9	11	10	6	5	8	17	10	7	8
New Kent	0	2	0	0	0	1	0	0	0	0	2	0	1	2	1	0	3	2	4	1	0	3	1	3	1	0	1	0
Newport News	0	0	0	3	1	1	0	1	0	0	0	2	1	3	3	5	3	5	2	0	0	3	2	1	6	5	4	0
Norfolk	6	3	6	5	9	6	6	4	3	8	2	9	10	5	8	8	10	10	10	9	7	3	3	4	13	7	8	8
Northhampton	0	2	4	4	1	4	4	1	2	4	4	3	0	0	7	7	12	2	3	1	2	2	2	2	2	1	3	1
Northumberland	19	31	25	30	21	26	24	34	22	32	29	15	24	15	46	22	11	40	24	34	12	8	6	6	19	8	14	19
Poquoson	1	0	0	1	1	0	0	1	1	1	2	4	2	8	1	10	6	3	5	4	2	1	3	3	8	4	2	1
Portsmouth	2	0	0	1	1	3	2	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	0	0	0	0	0	0	0	1	1	0	0	0	0	2	5	2	0	0	0	1	0	1	0	1	1
Richmond County	4	0	0	0	0	0	1	0	3	2	1	2	0	1	6	4	2	1	2	1	0	1	2	1	2	3	1	0
Stafford	0	0	0	0	0	0	2	0	0	2	0	3	1	5	6	5	5	2	4	3	1	3	3	2	3	3	4	3
Suffolk	1	0	0	0	1	1	1	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	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	1	0	1	0	0
Virginia Beach	22	24	29	17	20	22	16	12	20	10	19	15	15	12	35	30	15	23	30	14	14	9	10	7	11	15	22	20
West Point	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0
Westmoreland	10	5	5	8	11	9	13	13	12	6	11	7	0	18	16	15	10	24	14	8	11	5	6	10	14	14	5	7
York	5	3	3	4	7	1	2	2	3	2	3	3	3	3	13	6	9	14	6	12	4	6	6	2	4	2	1	4

Table 2

Level of compliance for constructed projects

	<u>Year</u>															
	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01
# of Projects Reviewed	130	130	130	130	130	130	130	130	130	130	130	130	100	125	240	212
# of Projects Constructed	107	116	112	113	118	118	114	109	110	114	116	114	76	119	185	188
% of Projects Reviewed	82%	89%	86%	87%	91%	91%	88%	84%	85%	88%	89%	88%	76%	95%	77%	89%
# in Compliance	94	99	96	106	107	106	103	99	101	106	104	105	66	100	171	169
% of Projects Constructed	87%	85%	86%	82%	91%	90%	90%	91%	91%	93%	90%	92%	87%	85%	93%	90%
# in Moderate Compliance	2	0	3	0	1	3	6	4	0	5	6	5	3	12	11	7
% of Projects Constructed	2%	0%	3%	0%	1%	3%	5%	4%	0%	4%	5%	4%	4%	10%	6%	4%
# Out of Compliance	1	2	0	0	0	1	0	0	2	0	2	4	3	4	0	0
% of Projects Constructed	1%	2%	0%	0%	0%	1%	0%	0%	2%	0%	2%	4%	4%	3%	0%	0%
# Compliance Indeterminable	10	15	13	7	10	8	5	6	7	3	4	0	4	2	3	12
% of Projects Constructed	8%	13%	10%	6%	8%	6%	4%	6%	7%	3%	3%	0%	5%	2%	1%	6%

Table 2 (Continued)

Level of compliance for constructed projects

	<u>Year</u>											
	00	99	98	97	96	95	94	93	92	91	90	89
# of Projects Reviewed	191	241	190	165	104	84	86	93	149	136	131	120
# of Projects Constructed	156	214	178	163	101	78	82	85	122	113	109	98
% of Projects Reviewed	82%	88%	94%	98%	97%	93%	95%	91%	82%	83%	83%	82%
# in Compliance	130	196	160	145	84	63	63	69	87	54	51	50
% of Projects Constructed	83%	92%	90%	89%	83%	83%	77%	81%	71%	48%	47%	51%
# in Moderate Compliance	17	14	12	17	14	6	11	10	22	23	21	14
% of Projects Constructed	11%	7%	6%	10%	14%	8%	13%	12%	18%	20%	19%	14%
# Out of Compliance	5	0	3	0	1	4	4	2	1	7	4	8
% of Projects Constructed	3%	0%	2%	0%	1%	5%	5%	2%	1%	6%	4%	8%
# Compliance Indeterminable	4	4	3	1	2	3	4	4	12	29	33	26
% of Projects Constructed	3%	1%	2%	1%	2%	4%	5%	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		
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		

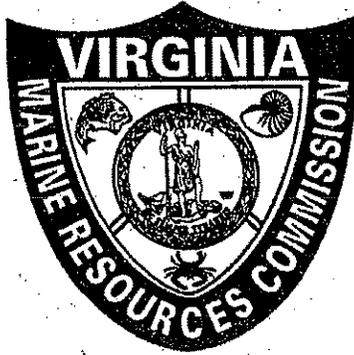
ATTACHMENT A

Permit Compliance and Inspection Program: Findings and Guidance Document

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



November 2018



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.

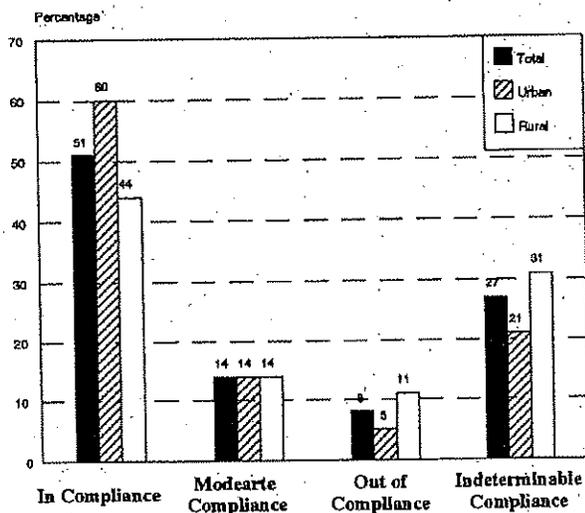
Locality	Rural/Urban	# of Projects	Type of Project
Accomack	Rural	15	3S, 7W, 5B
Chesapeake	Urban	4	4W
Essex	Rural	1	1B
Fairfax	Urban	1	1W
Gloucester	Rural	3	1S, 1W, 1B
Hampton	Urban	5	32, 2W
James City	Urban	3	3W
King George	Rural	1	1W
King and Queen	Rural	1	1W
King William	Rural	1	1B
Lancaster	Rural	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

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

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

Figure 2.
Projects categorized by level of compliance.



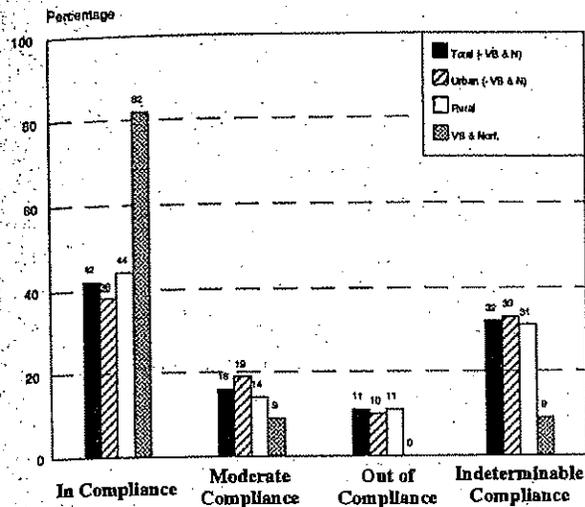
Due to the somewhat subjective nature of the data and the low number of samples in some of the sub-groups, no statistical tests for significance were attempted. Nevertheless, there appears to be a discernible difference between rural and urban localities in all the categories other than "Moderate Compliance."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

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

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

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

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



Discussion

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

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

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

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

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

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

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

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

SUMMARY AND RECOMMENDATIONS

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

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

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

Recommendations to Wetlands Boards to Enhance Compliance Efforts

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

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

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

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

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

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

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

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

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

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

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

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

Recommendations VMRC Should Consider to Enhance Compliance Efforts

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

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

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

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

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

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

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

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

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

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

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

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

Literature Cited

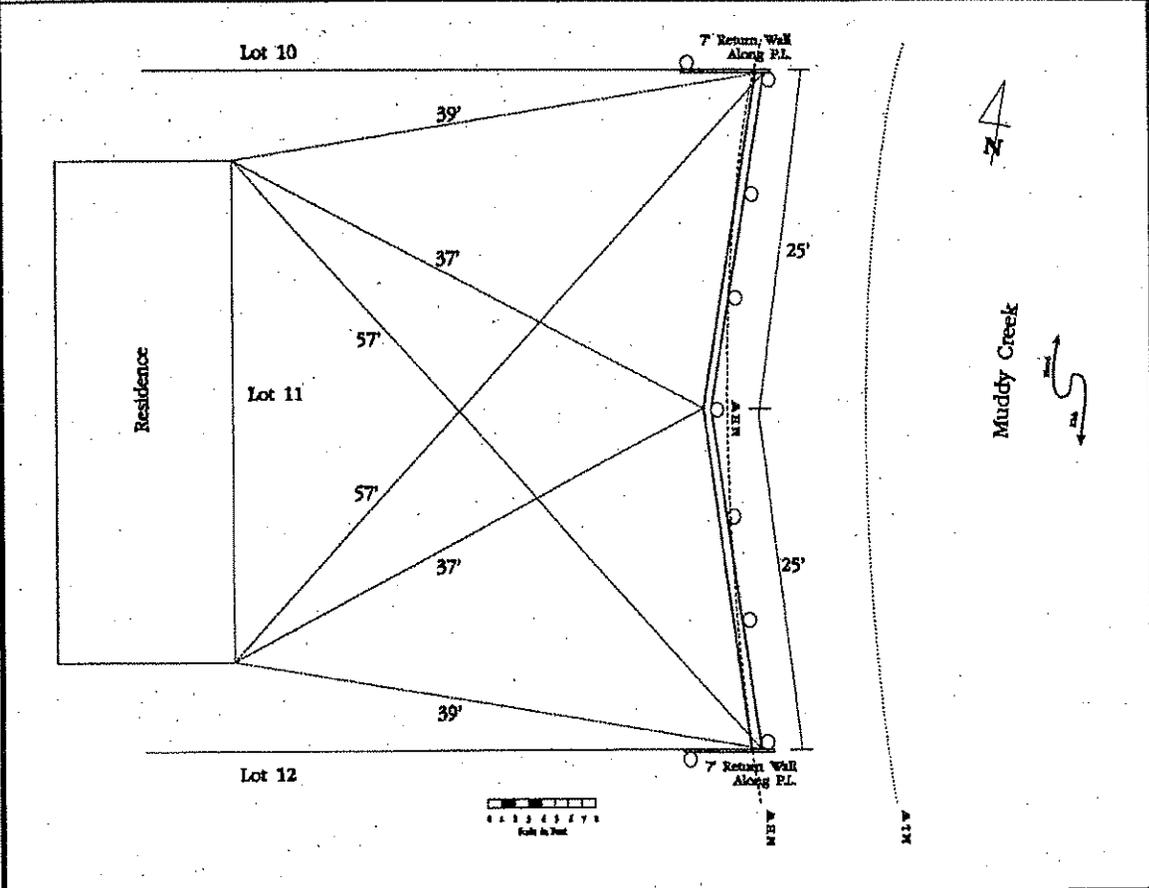
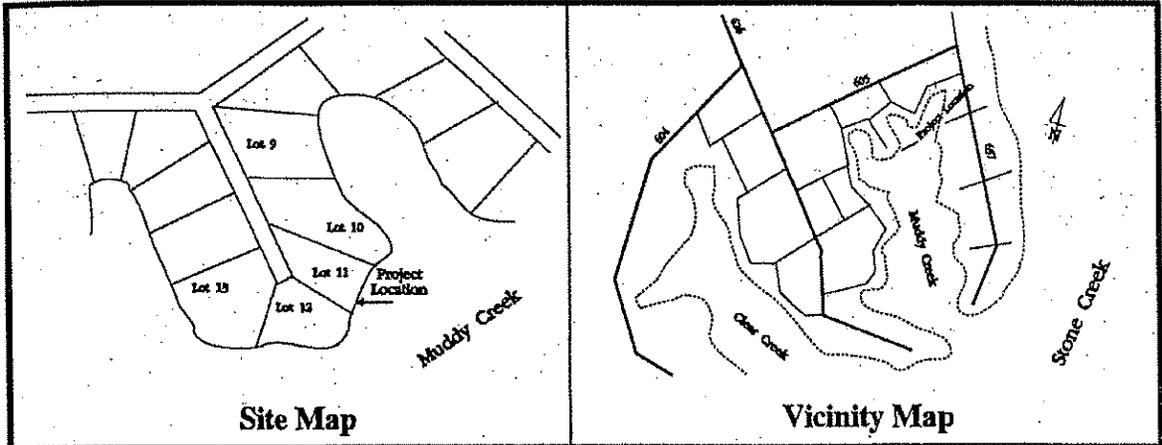
Bradshaw, J.G. 1990. Monitoring of compliance with permits granted by local wetlands boards. Technical Report No. 90-1. 7p. College of William and Mary, Virginia Institute of Marine Science, Wetlands Program, Gloucester Point, Virginia.

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

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

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

Attachment 1



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

Attachment 2

PROJECT COMPLIANCE ASSESSMENT

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

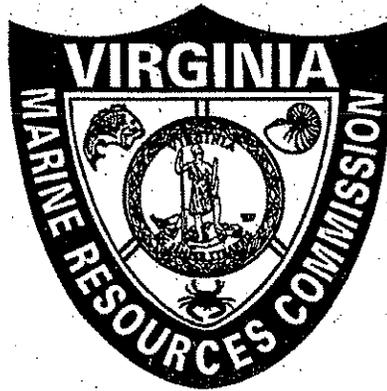
1. Permittee _____
2. Location (Waterway) _____
(City/County) _____
3. Project Description _____
4. Project Completed? Yes ___ No ___
5. Date of Permit Expiration (VMRC) _____
(LWB) _____
6. Project Dimensions as Permitted _____

7. Project Dimensions as Constructed _____

8. Can Permit Compliance be Determined? _____ If no, explain.

9. Degree of Compliance: In Compliance Moderate Out of Compliance
10. Additional Comments _____

Attachment 3



Permit # _____

Commonwealth of Virginia
Marine Resources Commission
Authorization

A Permit has been issued to:

_____ (Name)

_____ (Address)

The Permit Authorizes : _____

Issuance Date _____, Expiration Date _____

(Commissioner or Designee)

(Notary Public)

(Commission Expires)

This Notice Must Be Conspicuously Displayed At Site Of Work

ATTACHMENT B

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

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



November 2018

STANDARD JOINT PERMIT APPLICATION



United States Army Corps of Engineers (USACE) - Norfolk District
803 Front Street, ATTN: CENAO-WR-R
Norfolk, Virginia 23510-1011
Phone: (757) 201-7652, Fax: (757) 201-7678
Website: <http://www.nao.usace.army.mil/Missions/Regulatory.aspx>



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/hmac/hmoverview.shtm>



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

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. Refer to the applicable laws, regulations, and/or guidance materials of each agency for a complete understanding of each agency's application requirements.

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 water supply and water withdrawals projects (as defined in DEQ Regulation 9 VAC 25-210).

The Tidewater Joint Permit Application form is used for proposed private or commercial aquaculture projects and 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 the LWB, the VMRC, the DEQ, and/or the USACE. The Tidewater JPA may be downloaded from the same web page on which the Standard JPA is located: <http://www.nao.usace.army.mil/Missions/Regulatory/JPA.aspx>. *If using the Tidewater JPA, follow the instructions provided with that form.*

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 surface 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://ccrm.vims.edu/permits_web/guidance/local_wetlands_boards.html.

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 the Contact Information on the Regulatory web page at: <http://www.nao.usace.army.mil/Missions/Regulatory.aspx> or call 757-201-7652), or from the DEQ regional office in your project area (please refer to <http://www.deq.virginia.gov/Locations.aspx> 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 §62.1-44.15:68 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 activities, including 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 approval for any activity in an RPA is not granted through this JPA process. Each Tidewater locality has adopted a program based on the Chesapeake Bay Preservation Act and the [Chesapeake Bay Preservation Area Designation & Management Regulations](#).

The Act and regulations require Bay Act local governments to administer specific criteria for the use, development and redevelopment of land within locally designated Chesapeake Bay Preservation Areas. Since the requirements of the Bay Act may affect the ultimate design and construction of projects, applicants should contact their local government as early in the process as possible, in order to ensure that these requirements are considered early in the permitting process, and to avoid unnecessary and costly delays. Individual localities will request information regarding existing vegetation within the RPA as well as a description and site drawings of any proposed activity within the RPA. This information will be used by local staff charged with ensuring compliance with the Bay Act during the local approval process. Any use, development and redevelopment or land disturbance within the RPA must receive local approval PRIOR to the initiation of any land disturbance.

To determine if your project is located in a Bay Act locality (see map on page 31 or <http://www.deq.virginia.gov/Programs/Water/ChesapeakeBay/ChesapeakeBayPreservationAct/LocalGovernmentOrdinances.aspx>), learn more about Bay Act requirements, or find local government contacts, please visit the Virginia Department of Environmental Quality at <http://www.deq.virginia.gov/Programs/Water/ChesapeakeBay/ChesapeakeBayPreservationAct.aspx>.

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.**

When completing this form, use the legal name of the applicant, agent, and/or property owner. For DEQ application purposes, *legal name* means the full legal name of an individual, business, or other organization. For an individual, the legal name is the first name, middle initial, last name, and suffix. For an entity authorized to do business in Virginia, the legal name is the exact name set forth in the entity's articles of incorporation, organization or trust, or formation agreement, as applicable. Also provide the name registered with the State Corporation Commission, if required to register. DEQ issues a permit or grants coverage to the so-named individual or business, who becomes the 'permittee'. Correspondence from some agencies, including permits, authorizations, and/or coverage, may be provided via electronic mail. If the applicant and/or agent wish(es) to receive their permit via electronic mail, please remember to include an e-mail address at the requested place in the application.

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 26 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 or the name and address of the adjacent landowners.
- ❖ An analysis of the functions of wetlands proposed to be impacted may be required by DEQ.⁽³⁾
- ❖ A set of 8 ½ x 11 inch drawings. If you cannot 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 INVOLVING IMPACTS TO NONTIDAL WATERS AND/OR WETLANDS AND:

- 1) **WHERE AUTHORIZATION UNDER STATE PROGRAM GENERAL PERMIT (SPGP) IS REQUESTED:**

Programmatic general permits may be issued by the USACE in situations where a state, regional, or local authority has a regulatory program in place that provides similar review and regulation of activities in waters as does the USACE. In such cases, the programmatic general permit allows the state, region, or locality to provide the federal authorization, thus avoiding unnecessary duplication of effort by multiple regulatory authorities. In Virginia, DEQ provides authorization for certain activities regulated by the USACE through the State Program General Permit (SPGP). DEQ's authorization under the SPGP is a separate action from that providing coverage under any Virginia Water Protection permit. Certain Residential/Commercial/Institutional Development activities and Linear Transportation activities will be considered for coverage under the current SPGP. Details about the current SPGP can be found at <http://www.nao.usace.army.mil/Missions/Regulatory/RBregional.aspx>.

- ❖ Mark the "SPGP" checkbox on page 7 of this application.
- ❖ All *applicable* portions of Sections 1 through 26 of the JPA, including necessary attachments.
- ❖ A conceptual compensatory mitigation plan⁽²⁾.
- ❖ A copy of the confirmed jurisdictional determination or confirmed delineation, including a waters and wetlands boundary map and data sheets⁽³⁾.
- ❖ 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 USACE or DEQ).
- ❖ A set of 8 ½ x 11 inch drawings. If you cannot 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.

2) **WHERE NO SPGP IS REQUESTED:**

- ❖ All *applicable* portions of Sections 1 through 26 of the JPA, including necessary attachments.
- ❖ A conceptual compensatory mitigation plan⁽²⁾.
- ❖ A copy of the confirmed jurisdictional determination or confirmed delineation, including a waters and wetlands boundary map and data sheets⁽³⁾.
- ❖ 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.
- ❖ An analysis of the functions of wetlands proposed to be impacted may be required by DEQ⁽⁴⁾.
- ❖ A set of 8 ½ x 11 inch drawings. If you cannot 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 PROJECTS INVOLVING SURFACE WATER WITHDRAWALS or FERC LICENSE OR RELICENSE ASSOCIATED WITH A SURFACE WATER WITHDRAWAL:

- ❖ Mark the "DEQ Reapplication" checkbox on page 7 of this application and provide the current/existing permit number.
- ❖ All *applicable* portions of Sections 1 through 26 of the JPA, including necessary attachments.
- ❖ All *applicable* portions of Part A and B above if the project involves wetland and/or stream impacts.
- ❖ Copy of any pre-application review panel documentation and summary of the issues raised
- ❖ For new or expanded surface water withdrawals proposing to withdraw 90 million gallons a month or greater, a summary of the steps taken to seek public input as required by 9VAC25-210-320 and an identification of the issues raised during the course of the public information meeting process.

D. ANY APPLICATIONS 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 and insert the number of the intended Nationwide permit. 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 26 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 cannot 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 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). Note that in some cases, DEQ may be taking an action on behalf of the USACE, such as when the State Program General Permit (SPGP) applies. 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 or denial of your permit application.

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 and/or riparian property owners, and/or is posted on the agency's web page. The public may comment on the project during a designated comment period, if applicable, which varies depending upon the type of permit being applied for and the issuing agency. In certain circumstances, the project may be heard by a governing board, such as a Local Wetlands Board, the State Water Control Board, or VMRC in cases where a locality does not have a wetlands board. You may be responsible for bearing the costs for advertisement of public notices.

Public hearings that are held by VMRC occur at their regularly scheduled monthly commission meetings under the following situations: Protested applications for VMRC permits which cannot be resolved; projects costing over \$500,000 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.

PERMIT APPLICATION OR OTHER FEES

DO NOT send any fees with the JPA. VMRC is not responsible for accounting for fees required by other agencies. Please consult agency websites or contact agencies directly for current fee information and submittal instructions.

- ❖ 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 for Virginia Water Protection permits – while detailed in 9VAC25-20 – are conveyed to the applicant by the applicable DEQ office (<http://www.deq.virginia.gov/Locations.aspx>). Complete the Permit Application Fee Form and submit it per the instructions listed on the form. Instructions for submitting any other fees will be provided to the applicant by DEQ staff.
- ❖ VMRC: An application fee of \$300 may be required for projects impacting tidal wetlands, beaches and/or dunes when VMRC acts as the LWB. VMRC will notify the applicant in writing if the fee is required. Permit fees involving subaqueous lands 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 permit 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 permit fees and submittal requirements.
- ❖ LWB: Permit fees vary by locality. Contact the LWB for your project area or their locality website for fee information and submittal requirements. Contact information for LWB may be found at http://ccrm.vims.edu/permits_web/guidance/local_wetlands_boards.html.

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 four 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/	NOAA Fisheries Greater Atlantic Region Fisheries Office National Marine Fisheries Service 55 Great Republic Drive Gloucester, MA 01930 Voice: (978) 281-9300 https://www.greateratlantic.fisheries.noaa.gov/contact_us/index.html
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/femportal/wps/portal>. 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. Local Wetlands Boards (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. This information will not be used by DEQ to meet the requirements of notifying riparian land owners.

(2) Compensatory mitigation plans. Conceptual compensatory mitigation plans, when required, should include all information stipulated in Sections 80 B and 116 F of DEQ Regulation 9VAC25-210 for Virginia Water Protection individual permit applicants, or in Sections 60 B and/or 70 of DEQ Regulations 9VAC25-660, 9VAC25-670, 9VAC25-680, or 9VAC25-690 for Virginia Water Protection general permit coverage applicants. Regulations may be obtained from DEQ's web site at <http://www.deq.virginia.gov/Programs/Water/WetlandsStreams.aspx>. Information on wetland and stream compensatory mitigation is available at <http://www.deq.virginia.gov/Programs/Water/WetlandsStreams/Mitigation.aspx>. The SPGP applicant is required to provide a conceptual mitigation plan in accordance with the current SPGP (<http://www.nao.usace.army.mil/Missions/Regulatory/RBregional.aspx>). **Final** compensatory mitigation plans 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 as to why no mitigation is planned. For projects requiring a LWB or VMRC tidal wetlands permit, please consult the VMRC Wetlands Mitigation-Compensation Policy and Supplemental Guidelines: 4 VAC 20-390 at <http://www.mrc.virginia.gov/regulations/regindex.shtm>.

(3) Wetland and waters boundary delineation map: Wetlands/waters delineations must be performed using the USACE "Wetland Delineation Manual, Technical Report Y-87-1, January 1987, Final Report" (Federal Manual) and if applicable, the current version of the Regional Supplement to the Corps of Engineers Wetlands Delineation Manual (Atlantic and Gulf Coastal Plain Region or Eastern Mountains and Piedmont Region). The SPGP applicant is required to provide a Corps-confirmed jurisdictional determination or Corps-confirmed delineation approved for use with a permit application, in accordance with the current SPGP (<http://www.nao.usace.army.mil/Missions/Regulatory/RBregional.aspx>). Contact the appropriate USACE District office or field office to obtain a delineation confirmation by referencing the Contact Information on the Regulatory web page at: <http://www.nao.usace.army.mil/Missions/Regulatory.aspx> or call the Regulator of the Day (ROD) at 757-201-7652. If a USACE confirmation is not available at the time of application, it must be submitted as soon as it becomes available during the DEQ permit review. For DEQ application purposes, the requirements for delineations apply to all applications, regardless of the amount of impacts. The information to be submitted is detailed in 9VAC25-210-80 B 1 h and is the same regardless of the type of VWP permit being sought.

(4) An analysis of the functions of wetlands, when required for DEQ permitting purposes, shall assess water quality or habitat metrics and shall be coordinated with DEQ in advance of conducting the analysis. For DEQ permitting purposes, please refer to the requirements in 9VAC25-210-80 C, which are the same regardless of the type of VWP permit being sought.

TABLE OF CONTENTS

Section 1:	Applicant, Agent, Property Owner, and Contractor Information.....	7
Section 2:	Project Location Information.....	8
Section 3:	Description of Project, Purposes, Need, Use(s), and Alternatives.....	9
Section 4:	Project Costs.....	10
Section 5:	Public Notification.....	10
Section 6:	Threatened and Endangered Species Information.....	10
Section 7:	Historic Resources Information.....	10
Section 8:	Wetlands, Waters, and Dunes/Beaches Impact Information.....	11
Section 9:	Applicant, Agent, Property Owner and Contractor Certifications.....	12
Section 10:	Private Piers, Marginal Wharves, and Uncovered Boatlifts.....	14
Section 11:	Boathouses, Gazebos, Covered Boat Lifts, and Other Roofed Structures Over Waterways.....	14
Section 12:	Marinas and Commercial, Governmental, and Community Piers.....	14
Section 13:	Free Standing Mooring Piles, Osprey Nesting Poles, Mooring Buoys, and Dolphins.....	15
Section 14:	Boat Ramps.....	15
Section 15:	Tidal/Nontidal Shoreline Stabilization Structures	15
Section 16:	Beach Nourishment.....	16
Section 17:	Dredging, Mining, and Excavating.....	17
Section 18:	Fill and Other Structures in Wetlands or Waters, or on Dunes/Beaches.....	18
Section 19:	Nontidal Stream Channel Modifications for Restoration or Enhancement, or Temporary or Permanent Relocations	18
Section 20:	Utility Crossings.....	19
Section 21:	Road Crossings.....	20
Section 22:	Impoundments, Dams, and Stormwater Management Facilities.....	20
Section 23:	Outfalls Not Associated with Proposed Water Withdrawal Activities.....	21
Section 24:	Intakes, Outfalls, and Water Control Structures.....	22
Section 25:	Water Withdrawal Use(s), Need, and Alternatives.....	24
Section 26:	Public Comments/Issues for Major Water Withdrawals or Interbasin Transfers.....	26
Appendix A:	Adjacent Property Owner's Acknowledgement Forms.....	27
Appendix B:	Regional Permit 17 Checklist.....	29
Appendix C:	Chesapeake Bay Preservation Act Information.....	30
Appendix D:	Sample Drawings.....	32

FOR AGENCY USE ONLY

	Notes:
JPA#	

APPLICANTS

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

Check all that apply

Pre-Construction Notification (PCN) <input type="checkbox"/> NWP # _____ <i>(For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned)</i>	SPGP <input type="checkbox"/>	DEQ Reapplication <input type="checkbox"/> Existing permit number: _____	Receiving federal funds <input type="checkbox"/> Agency providing funding: _____
Regional Permit 17 (RP-17) <input type="checkbox"/>			

PREVIOUS ACTIONS RELATED TO THE PROPOSED WORK (Include all federal, state, and local pre application coordination, site visits, previous permits, or applications whether issued, withdrawn, or denied)

Historical information for past permit submittals can be found online with VMRC - <https://webapps.mrc.virginia.gov/public/habitat/> - or VIMS - <http://ccrm.vims.edu/perms/newpermits.html>

Agency	Action / Activity	Permit/Project number, including any non-reporting Nationwide permits previously used (e.g., NWP 13)	Date of Action	If denied, give reason for denial

1. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR INFORMATION

The applicant(s) is/are the legal entity to which the permit may be issued (see How to Apply at beginning of form). 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 also provide the company name that is registered with the State Corporation Commission (SCC), or indicate no registration with the SCC.

Legal Name(s) of Applicant(s)				Agent (if applicable)		
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	E-mail		Mobile	E-mail		
State Corporation Commission Name and ID number (if applicable)			State Corporation Commission Name and 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: _____

1. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR INFORMATION (Continued)						
Property owner(s) legal name, if different from applicant				Contractor, if known		
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		E-mail		Mobile		E-mail
State Corporation Commission Name and ID number (if applicable)				State Corporation Commission Name ID number (if applicable)		

2. 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. Include the drainage area if the SPGP box is checked on Page 7.)	
Street Address (911 address if available)	City/County/ZIP Code
Subdivision	Lot/Block/Parcel #
Name of water body(ies) within project boundaries and drainage area (acres or square miles).	
Tributary(ies) to: _____ Basin: _____ Sub-basin: _____ (Example: Basin: <u>James River</u> Sub-basin: <u>Middle James River</u>)	
Special Standards (based on DEQ Water Quality Standards 9VAC25-260 et seq.): _____	
Project type (check one) _____ Single user (private, non-commercial, residential) _____ Multi-user (community, commercial, industrial, government) _____ Surface water withdrawal	
Latitude and longitude at center of project site (decimal degrees): _____ / - _____ (Example: 37.33164/-77.68200)	
USGS topographic map name: _____	
8-digit USGS Hydrologic Unit Code (HUC) for your project site (See http://cfpub.epa.gov/surf/locate/index.cfm): _____ If known, indicate the 10-digit and 12-digit USGS HUCs (see http://dswcapps.dcr.virginia.gov/htdocs/maps/HUExplorer.htm): _____	
Name of your project (Example: <u>Water Creek driveway crossing</u>) _____	
Is there an access road to the project? <input type="checkbox"/> Yes <input type="checkbox"/> No. If yes, check all that apply: <input type="checkbox"/> public <input type="checkbox"/> private <input type="checkbox"/> improved <input type="checkbox"/> unimproved	
Total size of the project area (in acres): _____	

2. PROJECT LOCATION INFORMATION (Continued)

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:

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

- The purpose and need 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, including the use of pilings (#, materials), vibratory hammers, explosives, and hydraulic dredging, when applicable, and *whether or not tree clearing will occur* (include the area in square feet and time of year).
- Include a description of alternatives considered and measures taken 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 surface water withdrawals, public surface water supply withdrawals, or projects that will alter in stream flows, include the water supply issues that form the basis of the proposed project.

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. PROJECT COSTS

Approximate cost of the entire project, including materials and labor: \$ _____
Approximate cost of only the portion of the project affecting state waters (channelward of mean low water in tidal areas and below ordinary high water mark in nontidal areas): \$ _____

5. 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.

Failure to provide this information may result in a delay in the processing of your application by VMRC.

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)

6. 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 confirmed waters and wetlands delineation/jurisdictional determination. Include information when applicable regarding the location of the project in Endangered Species Act-designated or -critical habitats. Contact information for the U.S. Fish and Wildlife Service, National Oceanic and Atmospheric Administration, Virginia Dept. of Game and Inland Fisheries, and the Virginia Dept. of Conservation and Recreation-Division of Natural Heritage can be found on page 4 of this package.

7. 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 USACE 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 USACE, 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: _____

7. 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

8. 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 17.

	Impact site number 1	Impact site number 2	Impact site number 3	Impact site number 4	Impact site number 5
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)					
Latitude / Longitude (in decimal degrees)					
Wetland/waters impact area (square feet / acres)					
Dune/beach impact area (square feet)					
Stream dimensions at impact site (length and average width in linear feet, and area in square feet)					
Volume of fill below Mean High Water or Ordinary High Water (cubic yards)					

8. WETLANDS/WATERS IMPACT INFORMATION (Continued)					
Cowardin classification of impacted wetland/water or geomorphological classification of stream <i>Example wetland: PFO; Example stream: 'C' channel and if tidal, whether vegetated or non-vegetated wetlands per Section 28.2-1300 of the Code of Virginia</i>					
Average stream flow at site (flow rate under normal rainfall conditions in cubic feet per second) and method of deriving it (gage, estimate, etc.)					
Contributing drainage area in acres or square miles (VMRC cannot complete review without this information)					
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 http://leg1.state.va.us/cgi-bin/legp504.exe?000+req+9					
For DEQ permitting purposes, also submit as part of this section a wetland and waters boundary delineation map – see (3) in 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.					

9. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR CERTIFICATIONS
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, USACE, 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.

9. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR CERTIFICATIONS (Continued)		
Is/Are the Applicant(s) and Owner(s) the same? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Legal name & title of Applicant	Second applicant's legal name & title, if applicable	
Applicant's signature	Second applicant's signature	
Date	Date	
Property owner's legal name, if different from Applicant	Second property owner's legal name, if applicable	
Property owner's signature, if different from Applicant	Second property owner's signature	
Date	Date	
CERTIFICATION OF AUTHORIZATION TO ALLOW AGENT(S) TO ACT ON APPLICANT'S(S)' BEHALF (IF APPLICABLE)		
I (we), _____ (and) _____, APPLICANT'S LEGAL 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 LEGAL 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.

10. PRIVATE PIERS, MARGINAL WHARVES, AND UNCOVERED BOAT LIFTS

Regional Permit 17 (RP-17), authorizes the installation and/or construction of open-pile piers, mooring structures/devices, fender piles, covered boathouses/boatslips, boatlifts, osprey pilings/platforms, accessory pier structures, and certain devices associated with shellfish gardening, for private use, subject to strict compliance with all conditions and limitations further set out in the RP-17 enclosure located at http://www.nao.usace.army.mil/Missions/Regulatory/RBregional/. In addition to the information required in this JPA, prospective permittees seeking authorization under RP-17 must complete and submit the 'Regional Permit 17 Checklist' with their JPA. A copy of the 'Regional Permit 17 Checklist' is found in Appendix B of this application package. If the prospective permittee answers "yes" (or "N/A", where applicable) to all of the questions on the 'Regional Permit 17 Checklist', the permittee is in compliance with RP-17 and will not receive any other written authorization from the Corps but may not proceed with construction until they have obtained all necessary state and local permits. Note: If the prospective permittee answers "no" to any of the questions on the 'Regional Permit 17 Checklist' then their proposed structure(s) does not meet the terms and conditions of RP-17 and written authorization from the Corps is required before commencement of any work.

If the prospective permittee answers "no" to any of the questions on the 'Regional Permit 17 Checklist' then their proposed structure(s) does not meet the terms and conditions of RP-17 and written authorization from the Corps is required before commencement of any work. In those circumstances, the following information must be included in the application and/or on the drawings in order for the application to be considered complete:

- 1. The applicant MUST provide written justification/need for the encroachment if the proposed structure(s) will extend greater than one-fourth of the distance across the waterway measured from either mean high water to mean high water (including all channelward wetlands) or ordinary high water to ordinary high water (including all channelward wetlands). The measurement should be based on the narrowest distance across the waterway regardless of the orientation of the proposed structure(s).
2. The applicant MUST provide written justification/need if the proposed structure(s) is greater than five (5) feet wide or there will be less than four (4) feet elevation between the decking and the vegetated wetlands substrate.
3. The Corps MAY require depth soundings across the waterway at increments designated by the Corps project manager. Inclusion of depth sounding data in the original JPA submittal is highly recommended in order to expedite permit evaluation. Depth soundings are typically taken at 10-foot increments for waterways less than 200 feet wide and 20-foot increments for waterways greater than 200 feet wide. Please include the date and time the measurements were taken, whether the data was collected at mean low water (MLW) or MHW, and how the soundings were taken (e.g., tape, range finder, etc.).

Number of vessels to be moored at the pier or wharf: _____
Do you have an existing pier on your property? ___Yes___ No
If yes, will it be removed? ___Yes___ No
Is your lot platted to the mean low water shoreline? ___Yes___ No

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

Table with 5 columns: TYPE, LENGTH, WIDTH, DRAFT, REGISTRATION #

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

Number 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 (e.g., sail, power, skiff, etc.), size, and registration number of the vessel(s) to be moored

Table with 5 columns: TYPE, LENGTH, WIDTH, DRAFT, REGISTRATION #

12. 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: _____

13. 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 (e.g., 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.

14. 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 17 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.

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

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:

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 from the back edge of the Dune _____ feet

Maximum channelward encroachment of the structure from Mean high water/ordinary high water mark: _____ feet

Mean low water: _____ 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.

16. BEACH NOURISHMENT

Source of material and composition (percentage sand, silt, clay): _____

Volume of material: _____ cubic yards

Area to be covered _____ square feet channelward of mean low water _____ square feet channelward of mean high water

_____ square feet landward of mean low water _____ square feet channelward of mean high water

Mode of transportation of material to the project site (truck, pipeline, etc.):

16. BEACH NOURISHMENT (Continued)

Describe the type(s) of vegetation proposed for stabilization and the proposed planting plan, including schedule, spacing, monitoring, etc. Attach additional sheets if necessary.

17. 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								
Non-vegetated 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-sectional 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.)

17. DREDGING, MINING, AND EXCAVATING (Continued)

For mining projects: On separate sheets of paper, explain the operation plans, including: 1) the frequency (e.g., every six weeks), 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 (available at <http://www.deq.virginia.gov/Programs/Water/WaterQualityInformationTMDLs/TMDL/TMDLDevelopment/TMDLProgramPriorities.aspx>) 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 (see, "What's in my backyard" or subsequent spatial files at <http://www.deq.virginia.gov/ConnectWithDEQ/VEGIS.aspx> to determine the extent of TMDL watersheds and impairment segments).

Have you applied for a permit from the Virginia Department of Mines, Minerals and Energy? Yes No If Yes:
Existing permit number: _____ Date permit issued: _____

Contributing drainage area: _____ square miles	Average stream flow at site (flow rate under normal rainfall conditions): _____ cfs
--	---

18. 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

19. 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://www.nao.usace.army.mil/Missions/Regulatory/UnifiedStreamMethodology.aspx> or <http://www.deq.virginia.gov/Programs/Water/WetlandsStreams/Mitigation.aspx>.

For all projects proposing stream restoration provide a completed Natural Channel Design Review Checklist and Selected Morphological Characteristics form. These forms and the associated manual can be located at: <https://www.fws.gov/chesapeakebay/StreamReports/NCD%20Review%20Checklist/Natural%20Channel%20Design%20Checklist%20Doc%20V2%20Final%2011-4-11.pdf>

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

Stream dimensions at impact site (length and average width in linear feet, and area in square feet):
L: _____ (feet) AW: _____ (feet) Area: _____ (square feet)

Contributing drainage area: _____ acres or _____ square miles

19. NONTIDAL STREAM CHANNEL MODIFICATIONS FOR RESTORATION OR ENHANCMENT, or TEMPORARY OR PERMANENT RELOCATIONS (Continued) 19. NONTIDAL STREAM CHANNEL MODIFICATIONS FOR RESTORATION OR ENHANCMENT, or TEMPORARY OR PERMANENT RELOCATIONS (Continued)19. NONTIDAL STREAM CHANNEL MODIFICATIONS FOR RESTORATION OR ENHANCMENT, or TEMPORARY OR PERMANENT RELOCATIONS (Continued)

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.):	
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:	

20. UTILITY CROSSINGS

Type of crossing: ____overhead ____trenched ____directionally-drilled
Method of clearing corridor of vegetation (check all that apply): <input type="checkbox"/> mechanized land clearing that disturbs the soil surface <input type="checkbox"/> 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).
Will the proposed utility provide empty conduits for any additional utilities that may propose to co-locate at a later date? ____Yes ____No.
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: _____
Total number of electrical circuits: _____

20. UTILITY CROSSINGS (Continued)

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

Will permanent access roads be placed through wetlands/streams? ____ Yes ____ No

If yes, will the roads be (check one) at grade above grade?

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

21. 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. Virginia Department of Environmental Quality (DEQ) requires pipes and culverts 24 inches or less in diameter to be countersunk three inches below the natural stream bed elevations, and pipes and culverts greater than 24 inches to be countersunk at least six inches below the natural stream bed elevations. Hydraulic capacity is determined based on the reduced capacity due to the countersunk position.

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), the sequence of construction events, and if bedrock conditions may be encountered. Include cross-sections and profile plans of the culvert crossings including wing walls or rip rap.

22. IMPOUNDMENTS, DAMS, AND STORMWATER MANAGEMENT FACILITIES

If the impoundment or dam is a component of a water withdrawal project, also complete Sections 24 through 26.

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)

The following sections are typically related to surface water withdrawal activities; Federal Energy Regulatory Commission license projects; or impacts likely to require instream flow limits. Examples of such projects include, but are not limited to, reservoirs, irrigation projects, power generation facilities, and public water supply facilities that may or may not have 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.

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

<p>For intakes:</p> <p>Type and size of pipe(s): _____</p> <p>Type and size of pump(s): _____</p> <p>Average and Maximum daily rate of withdrawal: _____ and _____ mgd</p> <p>Velocity of withdrawal: _____ fps</p> <p>Screen mesh size: _____ inches / _____ mm if other sizing units, please specify: _____</p> <p>Contributing drainage area at withdrawal point(s): _____ square miles</p> <p>Average daily stream flow at withdrawal point(s) (flow rate under normal rainfall conditions): _____ cfs</p> <p>Method(s) used to derive average daily stream flow _____</p> <p>Average annual stream flow at withdrawal point(s): _____ cfs</p> <p>Latitude and longitude of withdrawal point(s) (degrees, minutes, seconds): _____</p>	<p>For outfalls:</p> <p>Type, size, and hydraulic capacity (under normal conditions) of pipe(s): _____, _____, and _____</p> <p>Daily rate of discharge: _____ mgd</p> <p>If the discharge will be thermally-altered, provide the maximum temperature: _____</p> <p>Contributing drainage area at discharge point(s): _____ square miles</p> <p>Average daily stream flow at discharge point(s) (flow rate under normal rainfall conditions): _____ cfs</p> <p>Method(s) used to derive average daily stream flow _____</p> <p>Latitude and longitude of discharge point(s) (degrees, minutes, seconds): _____</p>
--	--

For intakes and dams, use the table below to provide the median monthly stream flows in cubic feet per second (cfs) at the water intake or dam site (not at the stream gage; if there is not a gage at the intake or dam site, you will need to interpolate flows to the intake or dam site based upon the most closely related watershed in which there is an operational stream gage monitored by the United States Geologic Survey (USGS)). 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	

24. INTAKES, OUTFALLS, AND WATER CONTROL STRUCTURES (Continued)

Describe the stream flow gages used, USGS stream flow gage site number and site name (e.g., USGS 01671100 Little River near Doswell, VA), the type of calculations used (such as drainage area correction factors), and the period of record that was used to calculate the median flows provided in the table above. Generally, the period of record should span a minimum of 30 years.

For interbasin transfer of water resources proposed from either the Chowan River, New River, Potomac River, Roanoke River, Big Sandy River, or Tennessee River basins to another river basin, provide the following information:

Destination location (discharge point) of the transfer:

8-digit USGS Hydrologic Unit Code (HUC) (See <http://cfpub.epa.gov/surf/locate/index.cfm>): _____

If known, indicate the 10-digit and 12-digit USGS HUCs (see <http://dswcapps.dcr.virginia.gov/htdocs/maps/HUExplorer.htm>):

Latitude and Longitude: ____ - ____ - ____ / ____ - ____ - ____

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. (e.g., percent of the flow to be withdrawn, percent of withdrawal returned to the original source, 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.

24. INTAKES, OUTFALLS, AND WATER CONTROL STRUCTURES (Continued)

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. Projects that propose a transfer of water from one river basin to another and/or localities that sell water to other jurisdictions, should document the portion of the withdrawal that is not returned to the originating watershed.

Proposed monthly consumptive volume (million gallons): _____

Attach a map showing the *location* of the withdrawal and of the return of flow, and provide the *amount* of the return flow (million gallons).

For withdrawals proposed on an impoundment, provide a description of flow or release control structures. Include type of structure, rate of flow, size, capacity, invert elevation of outfall pipes referenced to the normal pool elevation, and the mechanism used to control release. Provide a description of available water storage facilities. Include the volume, depth, normal pool elevation, unusable storage volume and dimensions. If applicable, stage-storage relationship at the impounding structure (the volume of water in the impoundment at varying stages of water depth) and volume or rate of withdrawals from the storage facility.

25. WATER WITHDRAWAL USE(S), NEED, AND ALTERNATIVES (Attach additional sheets if needed.)

Describe the proposed use(s) and need for the surface water and information on how demand for surface water was determined. *Golf courses* must provide documentation to justify the amount of water withdrawal, such as the amount of acreage under irrigation, the acreage of fairways versus greens, type of turf grass, evapotranspiration, and irrigation efficiency. *Agricultural* users must supply documentation justifying their requested withdrawal amount, such as type of crop, livestock, or other agriculture animal, number of animals, watering needs, acres irrigated, inches of water applied, and frequency of application. *Other users* of withdrawals for purposes other than those described above must provide sufficient documentation to justify the requested withdrawal amounts.

25. WATER WITHDRAWAL USE(S), NEED, AND ALTERNATIVES (Continued)

Provide the following information at the water intake or dam site. Specify the units of measurement (e.g., 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 surface water withdrawals, public water supply withdrawals, and projects that will alter instream flows, provide information to establish the local water supply need. Attach additional sheets if needed.

EXISTING	PROJECTED
<p>Existing supply sources, yields, and demands:</p> <p>_____</p> <p>Peak day withdrawal: _____</p> <p>Average daily withdrawal: _____</p> <p>Safe yield: _____</p> <p>Lowest daily flow of record: _____</p> <p>Types of water uses (residential, public water supply, commercial, industrial, agricultural):</p> <p>_____</p> <p>Existing water conservation measures and drought response plan, including what conditions trigger implementation:</p> <p>_____</p>	<p>Projected demands over a minimum 30-year planning period:</p> <p>_____</p> <p>Projected demands in local or regional water supply plan (9VAC25-780 et seq.) or demand for the project service area, if that is smaller in area:</p> <p>_____</p> <p>Statistical population (growth) trends:</p> <p>_____</p> <p>Projected demands by type of water use:</p> <p>_____</p> <p>Projected demands without water conservation measures:</p> <p>_____</p> <p>Projected demands with long-term water conservation measures:</p> <p>_____</p>

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.

25. WATER WITHDRAWAL USE(S), NEED, AND ALTERNATIVES (Continued)

Provide information from the State Water Resources Plan (<http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/WaterSupplyPlanning/StateWaterResourcesPlan.aspx>) and the local or regional water supply plan that covers the area in which the proposed water withdrawal project is located (<http://www.deq.virginia.gov/Portals/0/DEQ/Water/WaterSupplyPlanning/SWRP%20Final/App%20A%20Water%20Supply%20Plans%20and%20Participating%20Localities.pdf>). Include information from the plan that pertains to projected demand, analysis of alternatives, and water conservation measures. Discuss any discrepancies between the water supply plan and the proposed project. For projects that propose a transfer of water resources from the Chowan River, New River, Potomac River, Roanoke River, Big Sandy River, or Tennessee River basins to another river basin, information should be provided from the water supply plans for both the source and receiving basins. Attach additional sheets if needed.

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 9VAC25-360.

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, how the proposed withdrawal will impact existing beneficial uses, and any measures proposed to mitigate any adverse impacts that may arise. For projects that propose a transfer of water resources from the Chowan River, New River, Potomac River, Roanoke River, Big Sandy River, or Tennessee River basins to another river basin, this analysis should include both the source and receiving basins. 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 uses (including public water supply); agricultural uses; electric power generation; commercial uses; and industrial uses.

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. For projects that propose a transfer of water resources from either the Chowan River, New River, Potomac River, Roanoke River, Big Sandy River, or Tennessee River basins to another river basin, this analysis should include both the source and receiving basins.

26. PUBLIC COMMENTS/ISSUES FOR MAJOR WATER WITHDRAWALS OR INTERBASIN TRANSFERS

For new or expanded surface water supply projects, use separate sheets of paper to summarize the steps taken to seek public input per 9VAC25-210-320, and identify the issues raised during the public information process.

For transfer of water resources proposed from either the Chowan River, New River, Potomac River, Roanoke River, Big Sandy River, or Tennessee River basins to another river basin, if public input was not required per 9VAC25-210-320, summarize on separate sheets of paper any coordination and/or notice provided to the public, local/state government, and interested parties in the affected river basins and identify any issues raised.

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
(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 B



U.S. Army Corps
Of Engineers
Norfolk District

REGIONAL PERMIT 17 CHECKLIST

Please review the 18-RP-17 enclosure before completing this form and note 18-RP-17 can only be used for proposed **PRIVATE USE** structure(s) that comply with the terms and conditions of 18-RP-17. Copies can be obtained online at <http://www.nao.usace.army.mil/Missions/Regulatory/RBregional/>.

- YES NO (1) Has the permittee reviewed the 18-RP-17 enclosure and verified that the proposed structure(s) is in compliance with all the terms, conditions, and limitations of 18-RP-17?
- YES NO (2) Does the proposed structure(s) extend no more than one-fourth of the distance across the waterway measured from either mean high water (MHW) to MHW (including all channelward wetlands) or ordinary high water (OHW) to OHW (including all channelward wetlands)?
- YES NO (3) Does the proposed structure(s) extend no more than 300 feet from MHW or OHW (including all channelward wetlands)?
- YES NO N/A (4) Does the proposed structure(s) attach to the upland at a point landward of MHW or OHW (including all channelward wetlands)?
- YES NO N/A (5) If the proposed structure(s) 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 N/A (6) Does the proposed structure(s) include no more than two (2) boatlifts and no more than two (2) boat slips?
- YES NO N/A (7) Is the open-sided roof structure designed to shelter a boat ≤ 700 square feet and/or is the open sided roof structure or gazebo structure designed to shelter a pier ≤ 400 square feet?
- YES NO N/A (8) Are all piles associated with the proposed structure(s) non-steel, less than or equal to 12" in diameter, and will less than or equal to 25 piles be installed channelward of MHW?
- YES NO N/A (9) Is all work occurring behind cofferdams, turbidity curtains, or other methods to control turbidity being utilized when operationally feasible and federally listed threatened or endangered species may be present?
- YES NO N/A (10) If the proposed structure(s) is to be located within an anadromous fish use area, the prospective permittee will adhere to the anadromous fish use area time of year restriction (TOYR) prohibiting in-water work from occurring between February 15 through June 30 of any given year if (1) piles are to be installed with a cushioned impact hammer and there is less than 492 feet between the most channelward pile and mean low water (MLW) on the opposite shoreline or (2) piles are to be installed with a vibratory hammer and there is less than 384 feet between the most channelward pile and MLW on the opposite shoreline.
- YES NO (11) Is all work occurring outside of submerged aquatic vegetation (SAV) mapped by the Virginia Institute of Marine Sciences' (VIMS) most recent survey year and 5 year composite?
- YES NO (12) Has the permittee ensured the construction and/or installation of the proposed structure(s) will not affect federally listed threatened or endangered species or designated critical habitat?
- YES NO (13) Will the proposed structure be located outside of Broad Creek in Middlesex County, Fisherman's Cove in Norfolk, or the Salt Ponds in Hampton?
- YES NO (14) Will the proposed structure(s) be located outside of the waterways containing a Federal Navigation Project listed in Permit Specific Condition 12 of 18-RP-17 and/or will all portions of the proposed structure(s) be located more than 85 feet from the Federal Navigation Project?

- YES NO (15) Will the proposed structure(s) be located outside a USACE Navigation and Flood Risk Management project area?
- YES NO (16) Will the proposed structure(s) be located outside of any Designated Trout Waters?
- YES NO N/A (17) If the proposed structure(s) includes flotation units, will the units be made of materials that will not become waterlogged or sink if punctured?
- YES NO N/A (18) If the proposed structure(s) includes flotation units, will the floating sections be braced so they will not rest on the bottom during periods of low water?
- YES NO (19) Is the proposed structure(s) made of suitable materials and practical design so as to reasonably ensure a safe and sound structure?
- YES NO (20) Will the proposed structure(s) be located on the property in accordance with the local zoning requirements?
- YES NO N/A (21) If the proposed structure(s) includes a device used for shellfish gardening, will the device be attached directly to a pier and limited to a total of 160 square feet?
- YES NO N/A (22) If the proposed structure(s) includes a device used for shellfish gardening, does the permittee recognize this RP does not negate their responsibility to obtain an oyster gardening permit (General Permit #3) from Virginia Marina Resources Commission's Habitat Management Division?
- YES NO (23) Does the permittee recognize this RP does not authorize any dredging or filling of waters of the United States (including wetlands) and does not imply that future dredging proposals will be approved by the Corps?
- YES NO (24) Does the permittee understand that by accepting 18-RP-17, the permittee accepts all of the terms and conditions of the permit, including the limits of Federal liability contained in the 18-RP-17 enclosure? Does the permittee acknowledge that the structures permitted under 18-RP-17 may be exposed to waves caused by passing vessels and that the permittee is solely responsible for the integrity of the structures permitted under 18-RP-17 and the exposure of such structures and vessels moored to such structures to damage from waves? Does the permittee accept that the United States is not liable in any way for such damage and that it shall not seek to involve the United States in any actions or claims regarding such damage?

IF YOU HAVE ANSWERED "NO" TO ANY OF THE QUESTIONS ABOVE, REGIONAL PERMIT 17 (18-RP-17) DOES NOT APPLY AND YOU ARE REQUIRED TO OBTAIN WRITTEN AUTHORIZATION FROM THE CORPS PRIOR TO PERFORMING THE WORK.

IF YOU HAVE ANSWERED "YES" (OR "N/A", WHERE APPLICABLE) TO ALL OF THE QUESTIONS ABOVE, YOU ARE IN COMPLIANCE WITH REGIONAL PERMIT 17 (18-RP-17). PLEASE SIGN BELOW, ATTACH, AND SUBMIT THIS CHECKLIST WITH YOUR COMPLETED JOINT PERMIT APPLICATION (JPA). 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 (18-RP-17), DATED AUGUST 2018, ISSUED BY THE US ARMY CORPS OF ENGINEERS, NORFOLK DISTRICT REGULATORY BRANCH (CENAO-WRR), NORFOLK, VIRGINIA.

Proposed work to be located at:

Signature of Property Owner(s) or Agent

Date _____

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 page 31) - 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 by surface flow and contiguous to tidal wetlands or water bodies with perennial flow,
 - ___ Tidal shores,
 - ___ Other lands considered by the local government to meet the provisions of subsection A of 9VAC25-830-80 and to be necessary to protect the quality of state waters (contact the local government for specific information),
 - ___ A buffer area not less than 100 feet in width located adjacent to and landward of the components listed above, and along both sides of any water body with perennial flow.

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 Area Designation and Management Regulations is required. **The Chesapeake Bay Preservation Area Designation and Management Regulations** are enforced through locally adopted ordinances based on the Chesapeake Bay Preservation Act (CBPA) program. 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. Contact the appropriate local government office to determine if a WQIA is required for the proposed activity(ies).

The individual localities, not the DEQ, USACE, or the Local Wetlands Boards, are responsible for enforcing the CBPA 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 CBPA regulations nor does it guarantee that the local government will grant approval for encroachments into the RPA that may result from this project.**

Notes for all projects in RPAs

Development, redevelopment, construction, land disturbance, or placement of fill within the RPA features listed above requires the approval of the locality and may require an exception or variance from the local Bay Act ordinance. Please contact the appropriate local government to determine the types of development or land uses that are permitted within RPAs.

Pursuant to 9VAC25-830-110, *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.

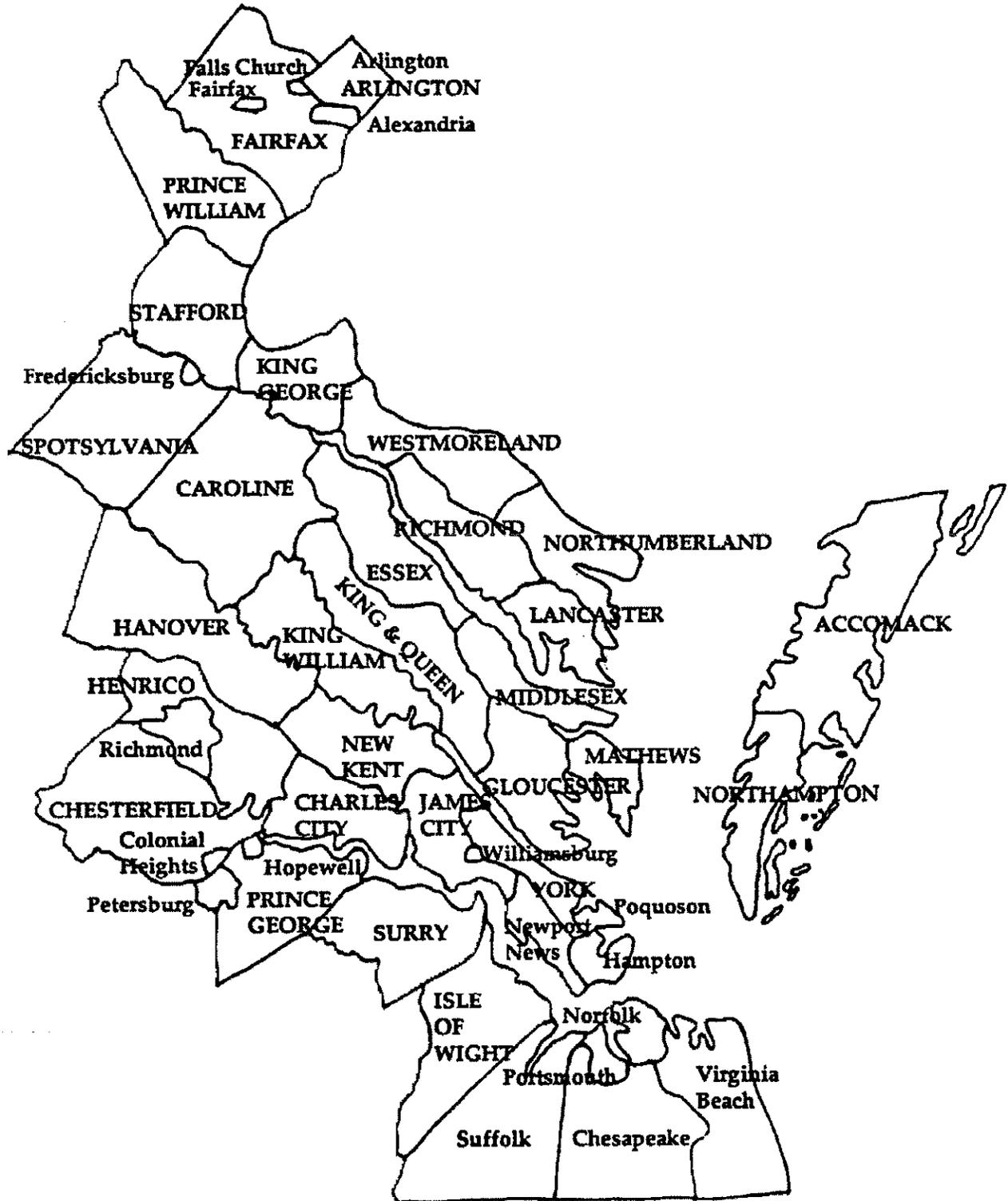
Notes for shoreline erosion control projects in RPAs

Re-establishment of woody vegetation in the buffer will be required by the locality 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 9VAC25-830-140 5 a (4) of the Virginia Administrative Code, shoreline erosion projects are a permitted modification to RPAs provided that the project is based on the "best technical advice" and complies with applicable permit conditions. In accordance with 9VAC25-830-140 1 of the Virginia Administrative Code, the locality will use the information provided in this Appendix, in the project drawings, in this permit application, and as required by the locality, 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 (9VAC25-830-140 3)
5. The project is consistent with the locality's comprehensive plan
6. Access to the project will be provided with the minimum disturbance necessary.

TIDEWATER VIRGINIA



APPENDIX D

Sample Drawings

On the following pages, you will find lists of information required on drawings, as well as sample drawings in plan and cross-sectional views. While the lists attempt to capture all required information for drawings, please verify your submittal with the applicable agency regulations. For DEQ drawing definitions and requirements, see Sections 10 and 80 of 9VAC25-210; and in Section 60 of the general permit regulations 9VAC25-660, 9VAC25-670, 9VAC25-680, and 9VAC25-690. 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. 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. 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. The sample drawings demonstrate the **general** format necessary, *but for ease of viewing, not all of the required information is shown in the sample drawings.*

Plan view drawings should contain the following general informational items:

- ❖ Name of project
- ❖ North arrow
- ❖ Scale
- ❖ Waterway name, if designated
- ❖ Existing topographic or bathymetric contours
- ❖ Proposed topographic or bathymetric contours
- ❖ 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
- ❖ Limits of proposed impacts to surface waters, such as fill areas, riprap scour protection placement, and dredged areas; the amount of such impacts in square feet and acres; and the latitude/longitude (decimal degrees) at each impact site
- ❖ All delineated wetlands and all surface waters on the site, including the Cowardin classification (i.e., emergent, scrub-shrub, or forested) for those surface waters and waterway name, if designated

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, *non-delineated* wetlands, open water, or streams, including submerged aquatic vegetation (SAV), riffle/pool complexes, or bars; Chesapeake Bay Preservation Act Resource Protection Area(s) (RPA), including the 100-foot buffer; proposed clearing within the RPA buffer; and any areas that are under a deed restriction, conservation easement, restrictive covenant, or other land use protective instrument (i.e., protected areas)
- ❖ Location and type of existing vegetation within the 100-foot RPA buffer and location of proposed wetland planting areas (as restoration for temporary impacts or mitigation for permanent impacts)
- ❖ 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

APPENDIX D (continued)

- ❖ 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-sectional view drawings, and when required profile 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
- ❖ Existing and proposed elevations
- ❖ Location of all existing and proposed structures
- ❖ Limits of proposed impacts to surface waters, such as fill areas, riprap scour protection placement, and dredged areas; the amount of such impacts in square feet and acres; and the latitude/longitude (decimal degrees) at each impact site

AND Cross-sectional view drawings, and when required profile view* drawings, should also contain the following specific informational items if they apply to the project:

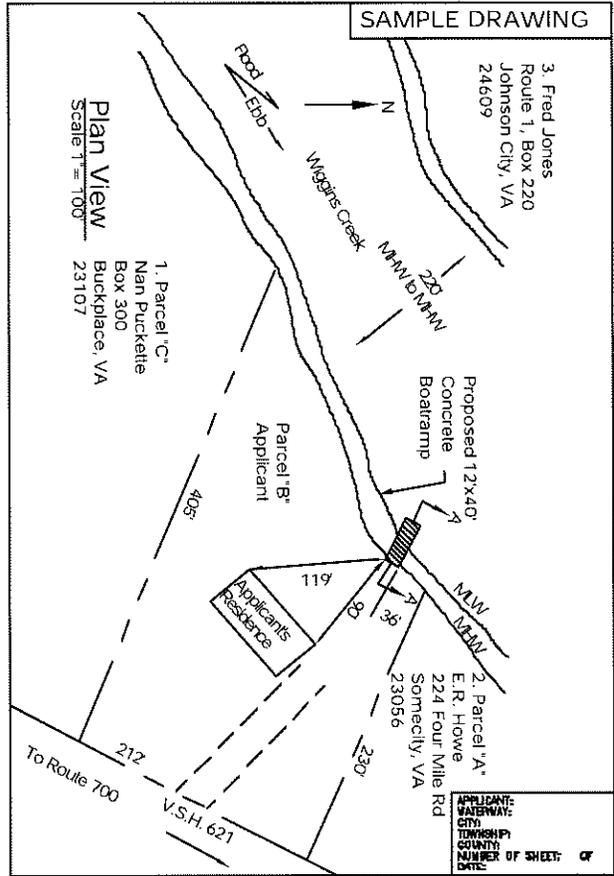
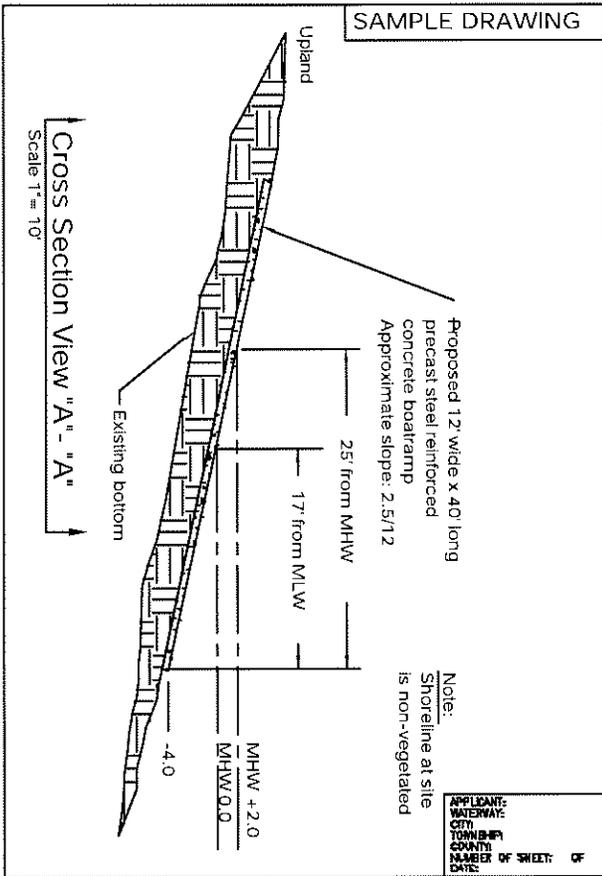
Resource impact/protection-specific Items:

- ❖ Limits of: existing, *non-delineated* wetlands, open water, or streams, including submerged aquatic vegetation (SAV), riffle/pool complexes, or bars; Chesapeake Bay Preservation Act Resource Protection Area(s) (RPA), including the 100-foot buffer; and proposed clearing within the RPA buffer
- ❖ 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

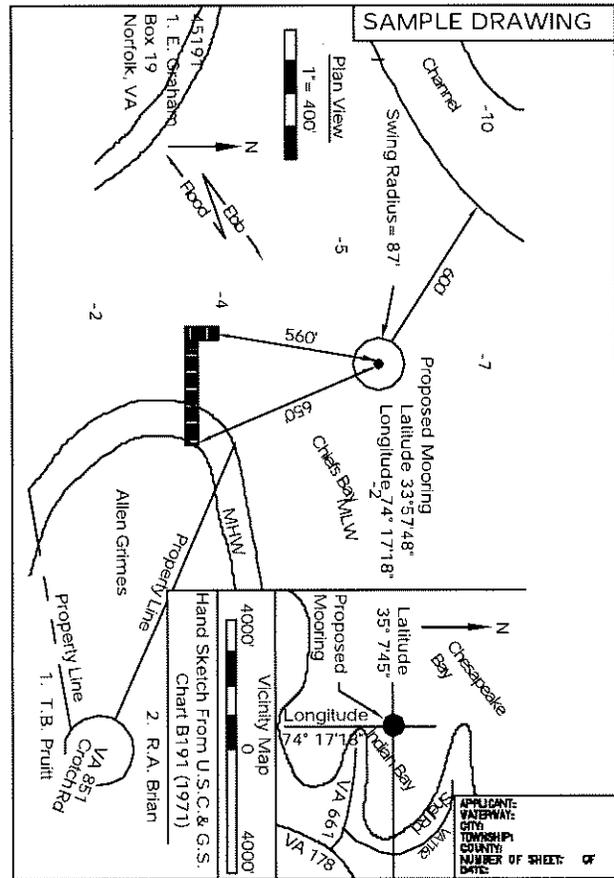
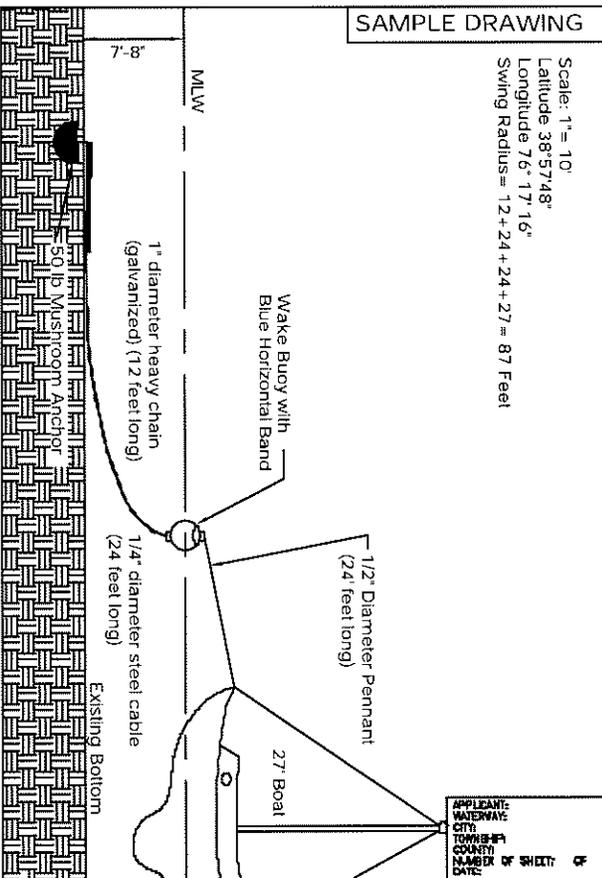
Structure/Project-Specific Items:

- ❖ 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.

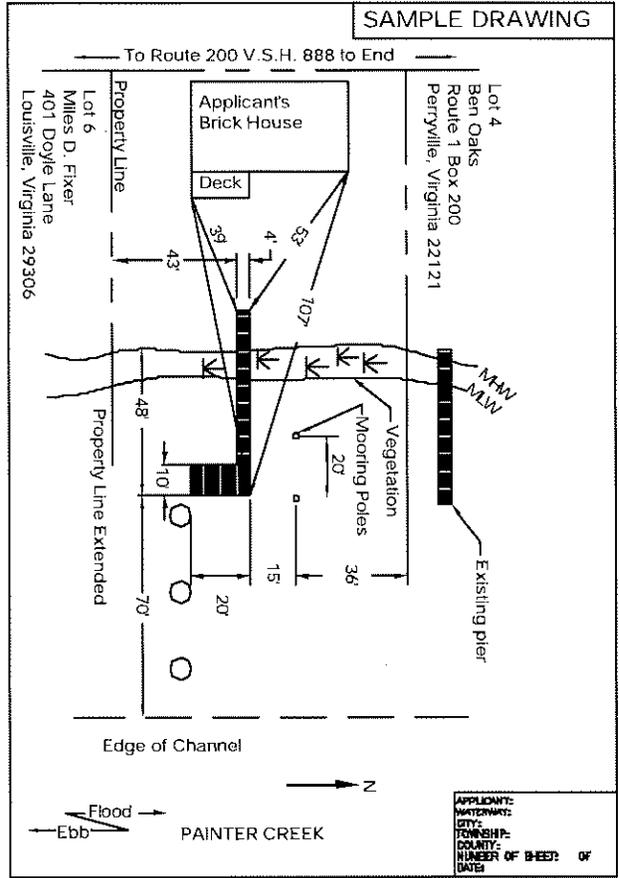
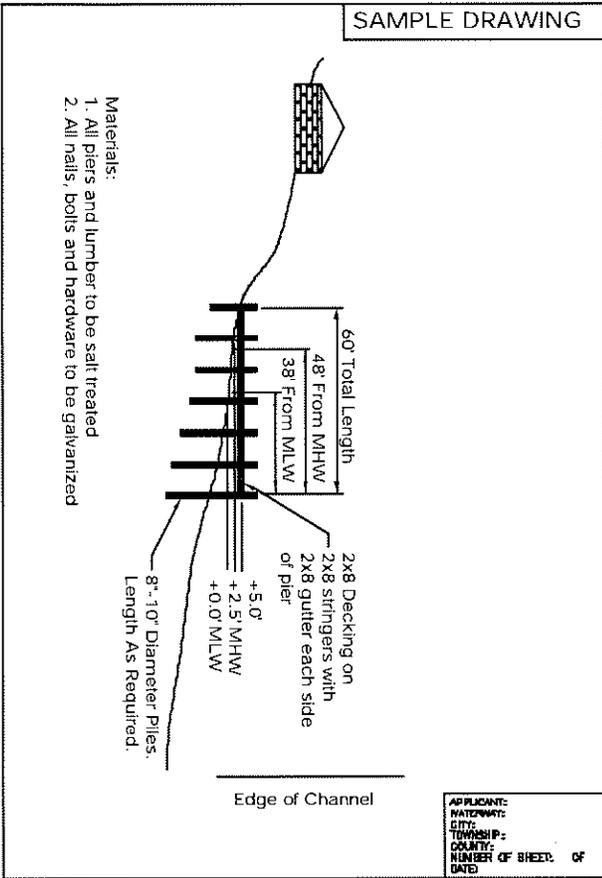
** Profile drawing or drawings with the information noted in Appendix D may be required by DEQ on a case-by-case basis to demonstrate minimization of impacts. When required, any application that proposes piping or culverting stream flows shall provide a longitudinal profile of the pipe or culvert position and stream bed thalweg, or shall provide spot elevations of the stream thalweg at the beginning and end of the pipe or culvert, extending to a minimum of 10 feet beyond the limits of proposed impact.*



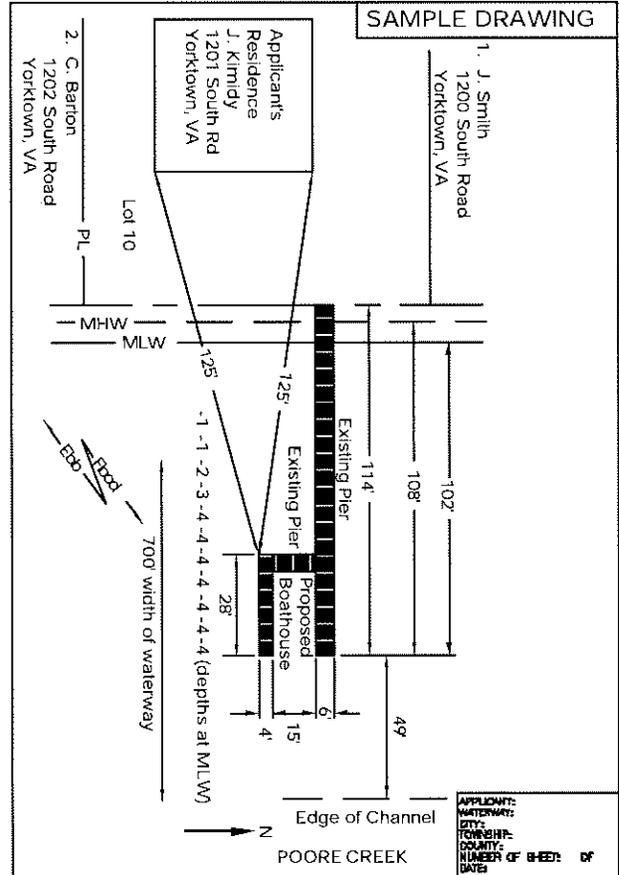
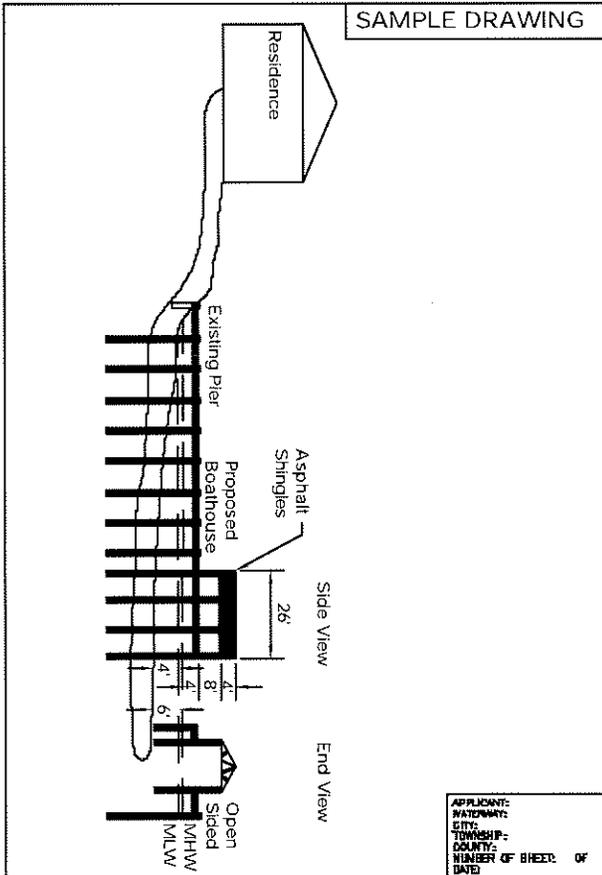
Boat Ramps



Dolphins or Moorings



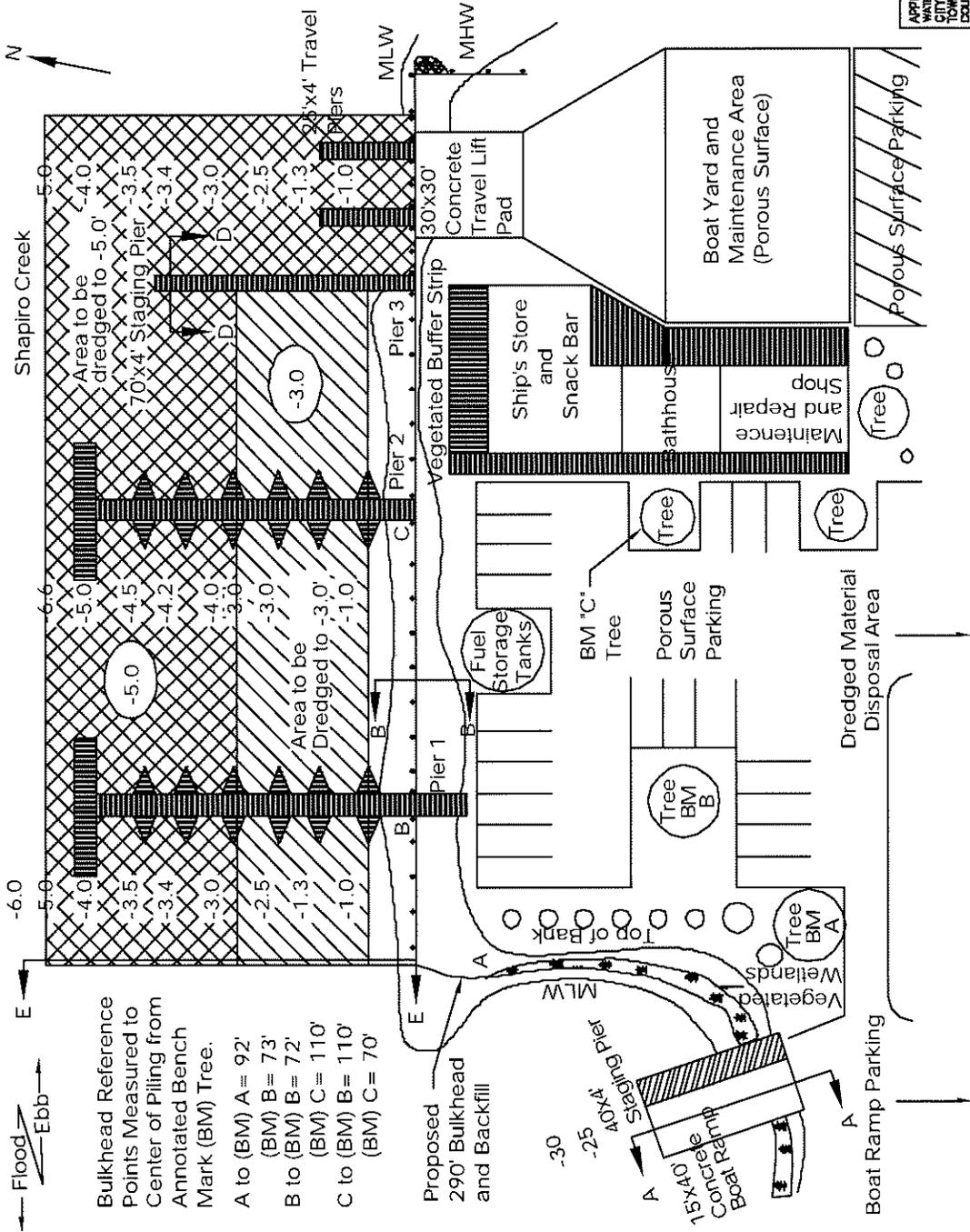
Private Piers & Marginal Wharves



Boathouses

SAMPLE DRAWING

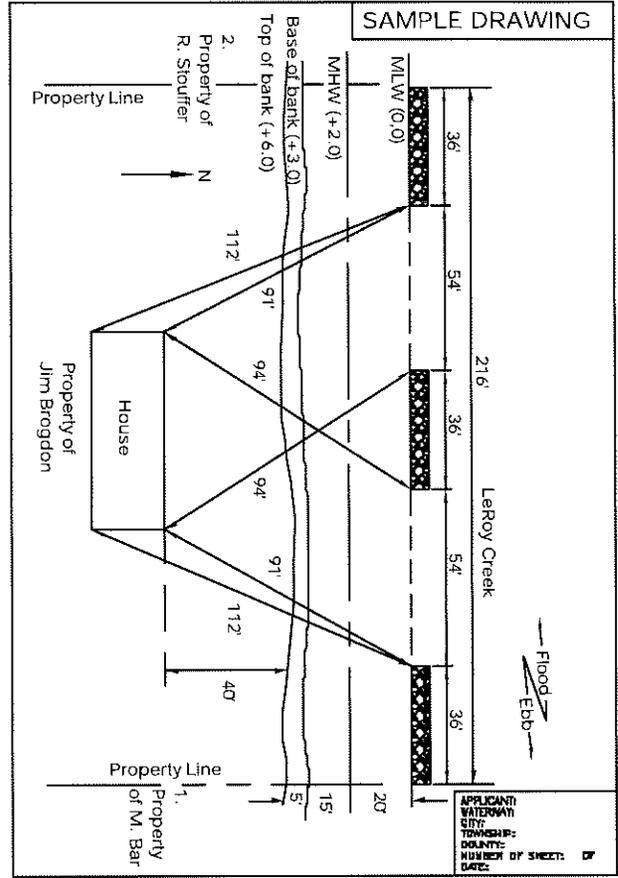
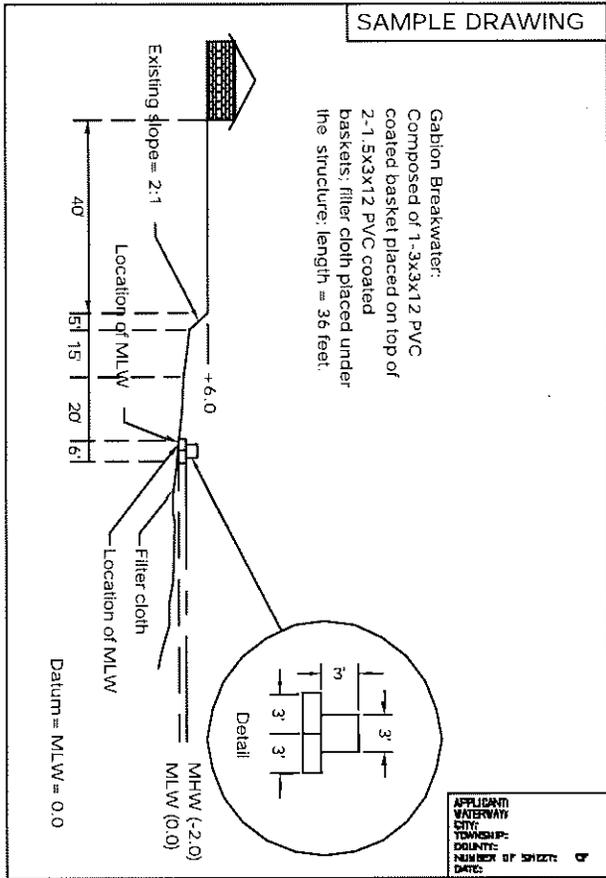
Overall width of waterway is 1800' at Pier 2 and 600' from pier "T" to the channel.



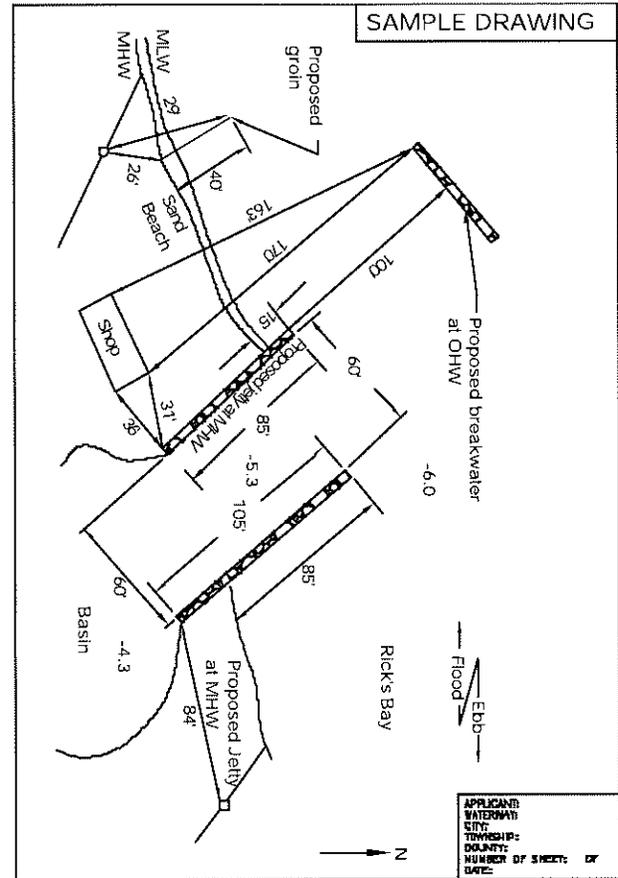
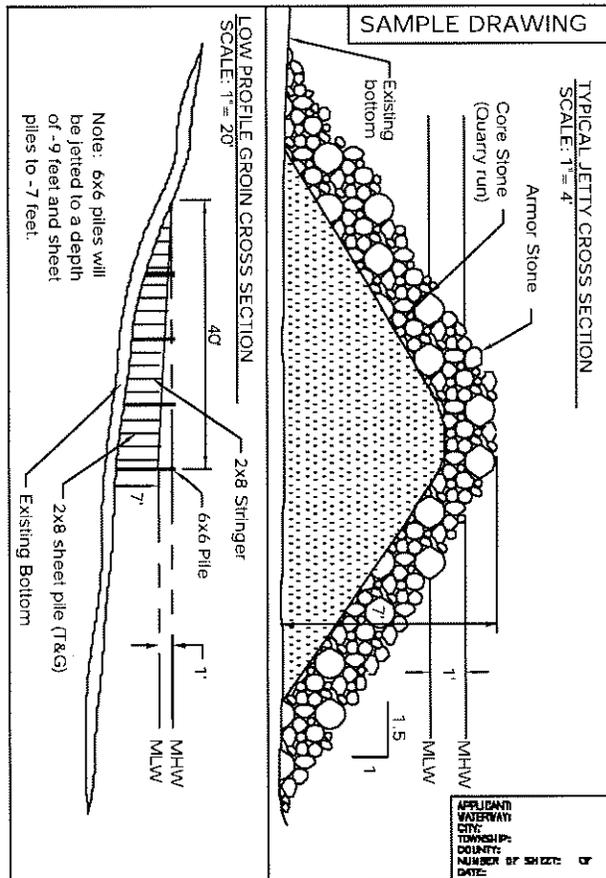
Bulkhead Reference Points Measured to Center of Piling from Annotated Bench Mark (BM) Tree.

- A to (BM) A = 92'
- (BM) B = 73'
- B to (BM) B = 72'
- (BM) C = 110'
- C to (BM) B = 110'
- (BM) C = 70'

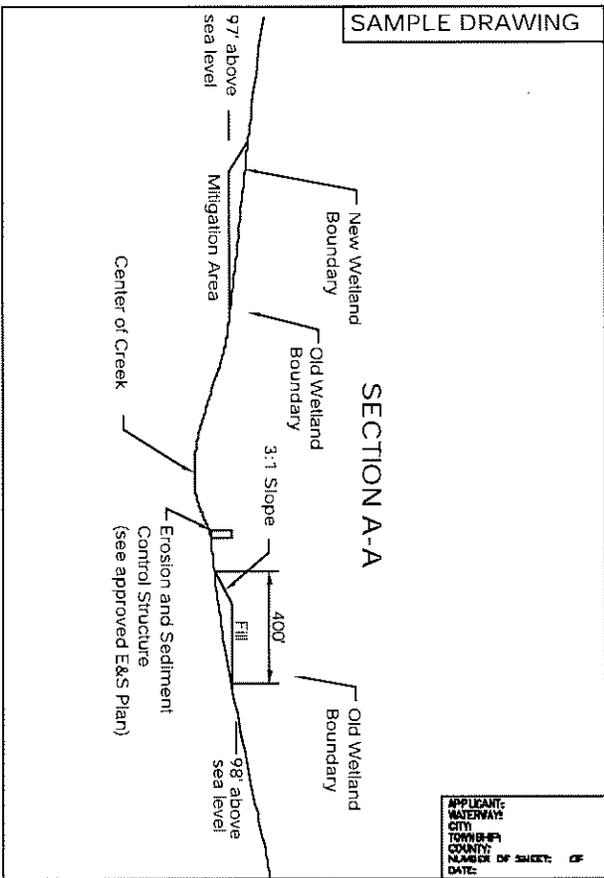
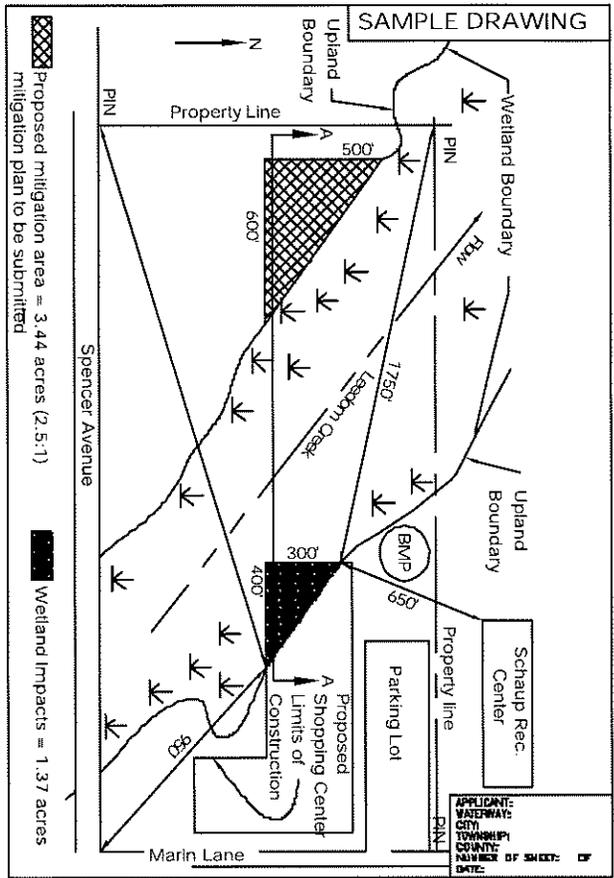
APPLICANT: WATERWAY CITY, TOWNSHIP: COUNTY: DATE: NUMBER OF SHEETS: OF



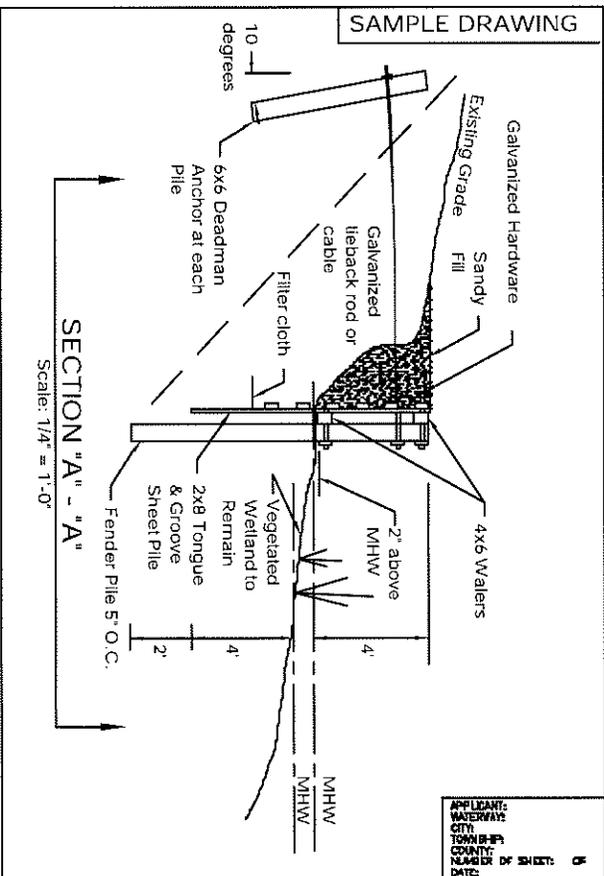
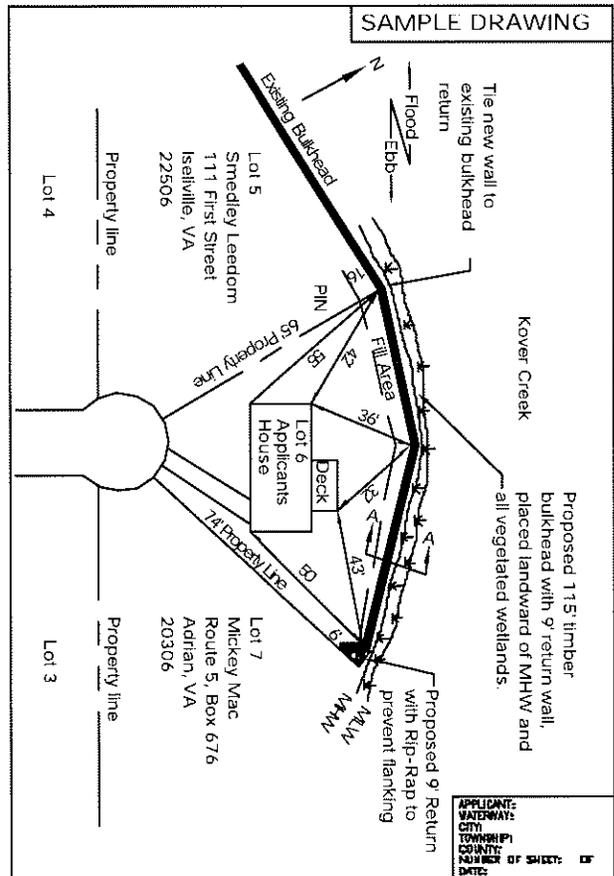
Breakwaters



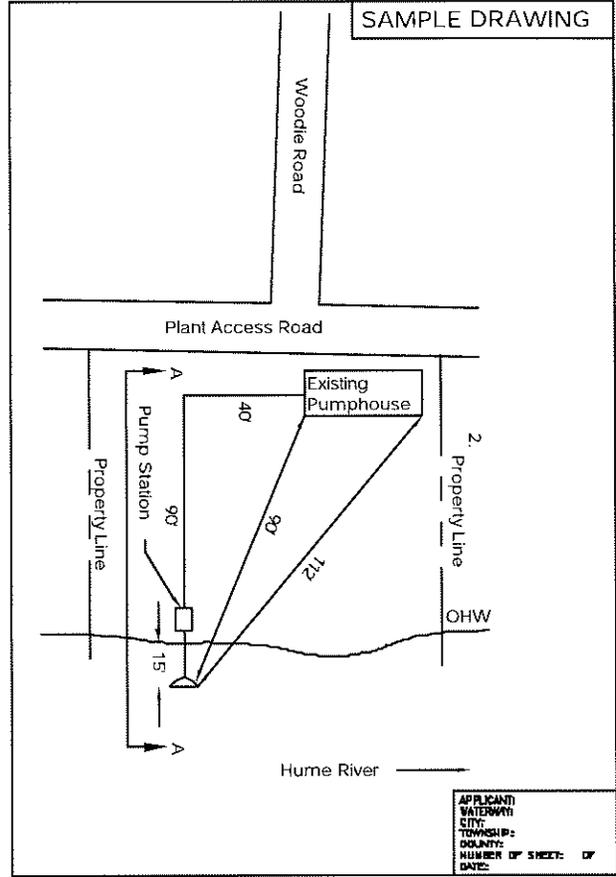
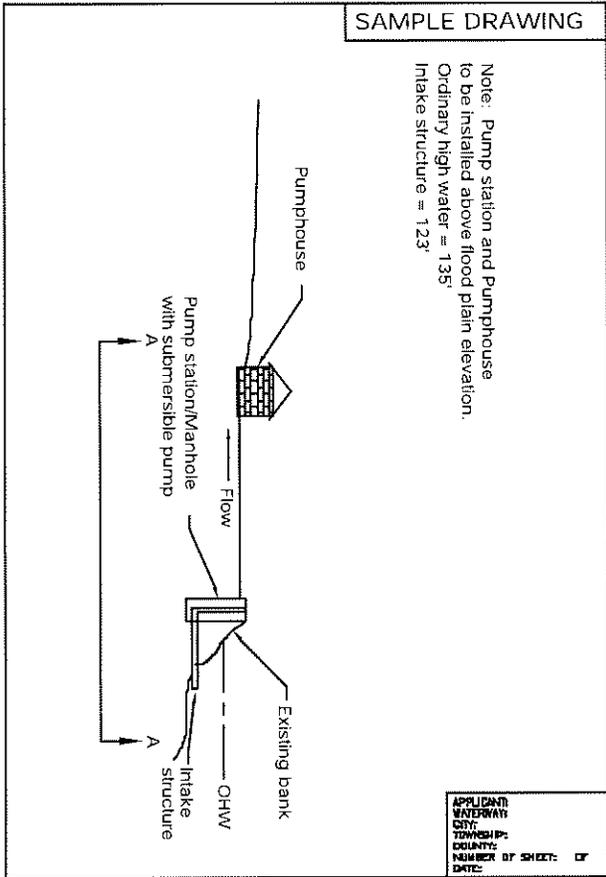
Groins & Jetties



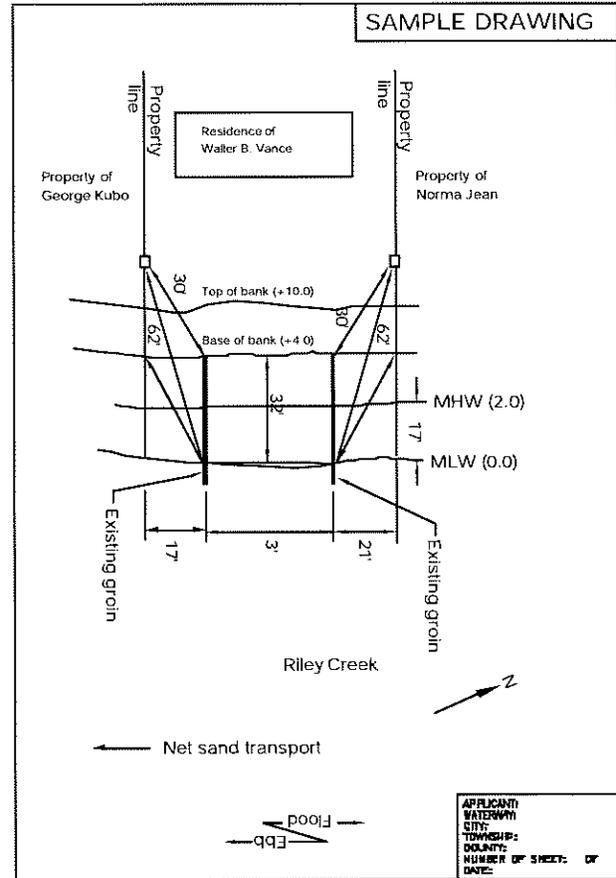
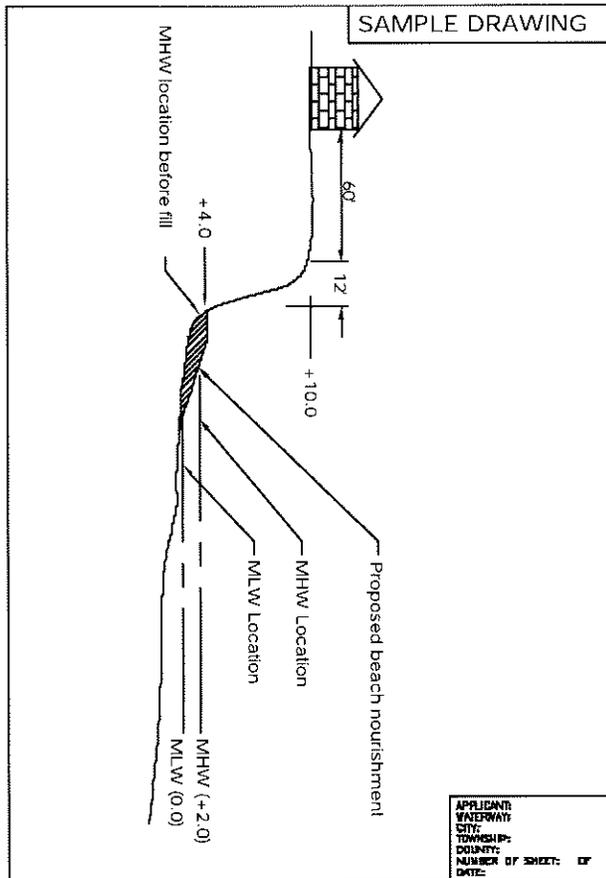
Filling Waters/Wetlands



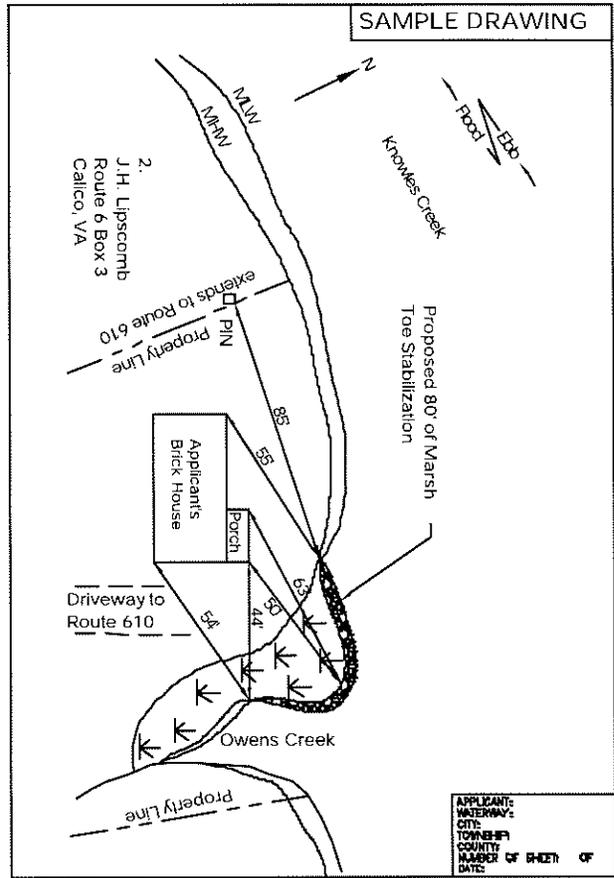
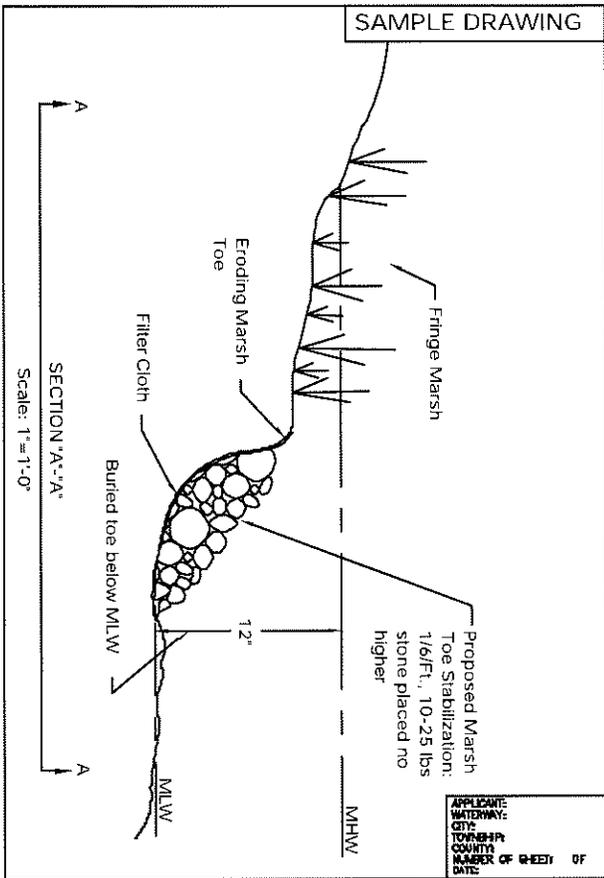
Bulkheads and Associated Backfill



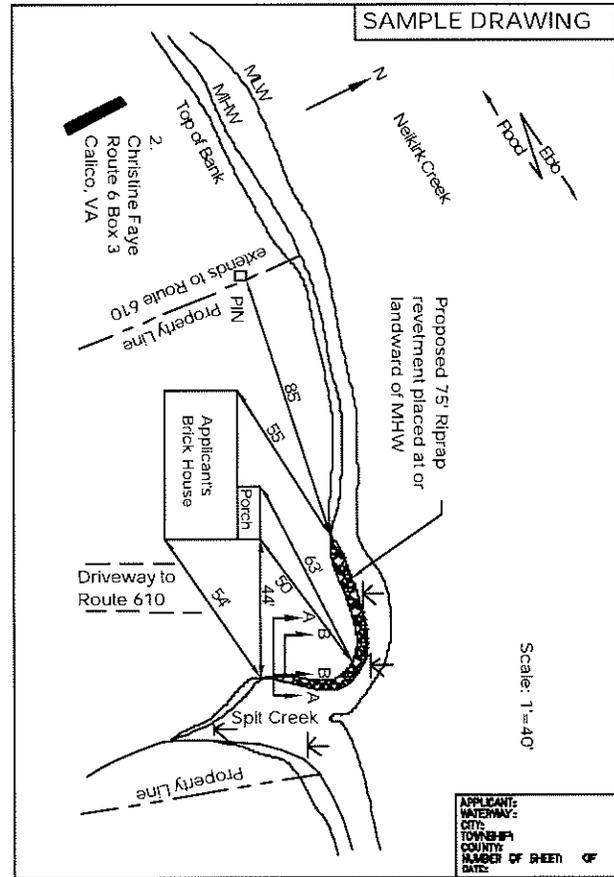
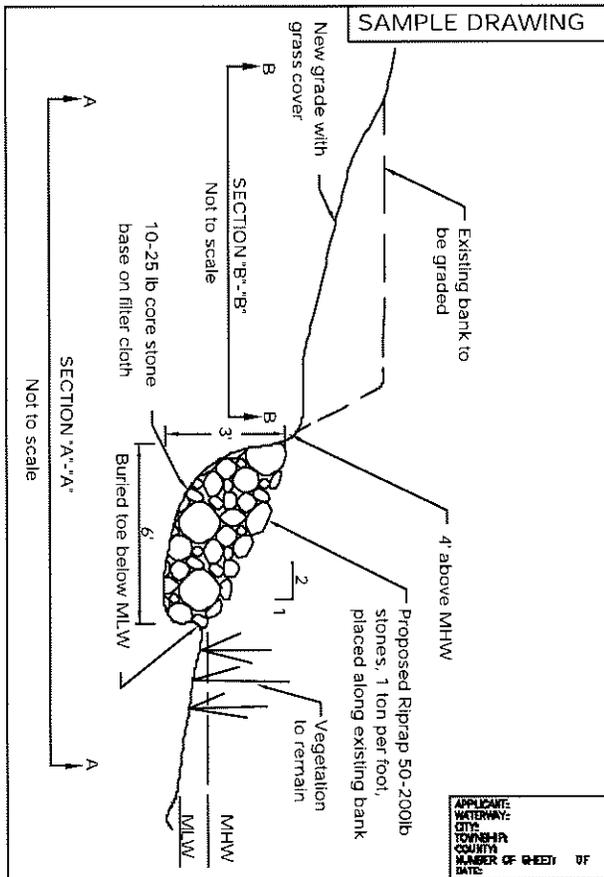
Intake/Outfall Structures



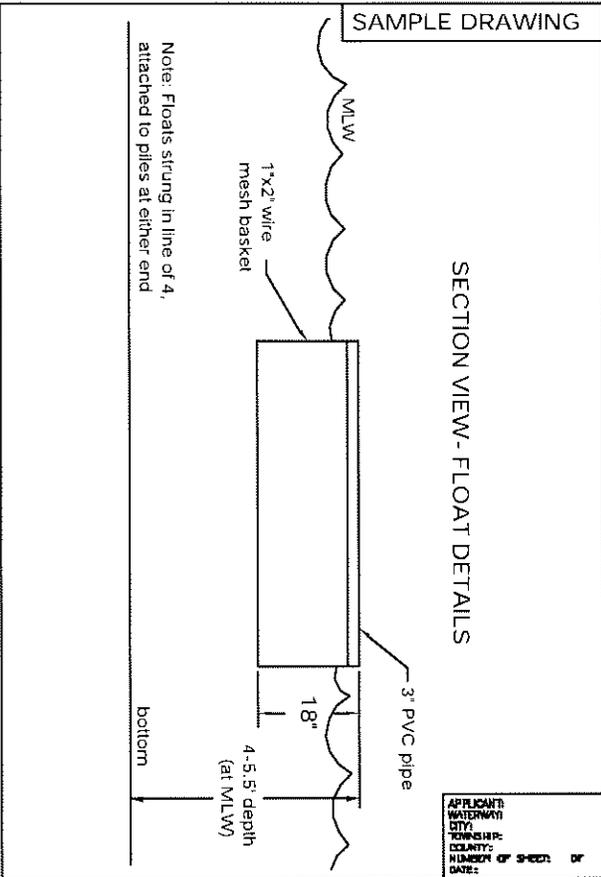
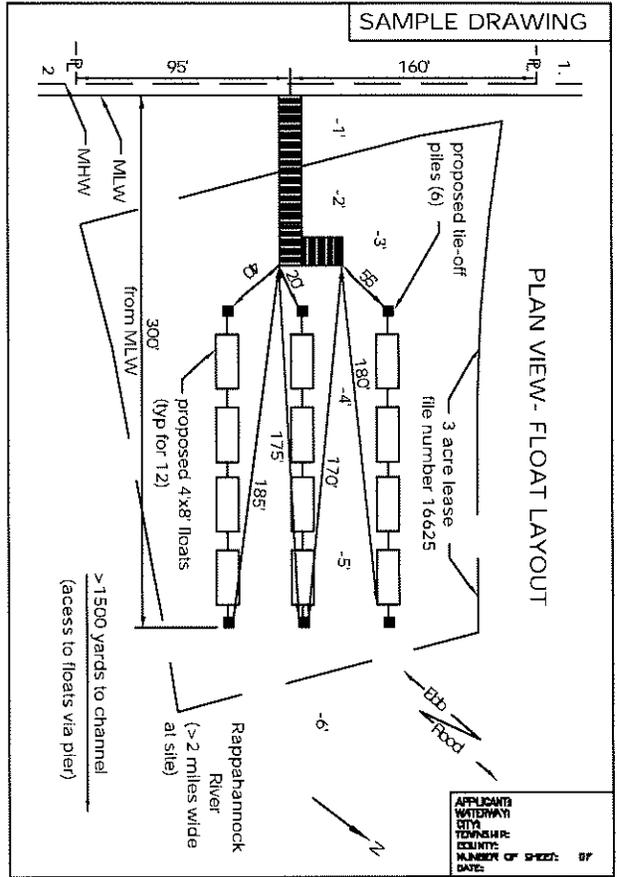
Beach Nourishment



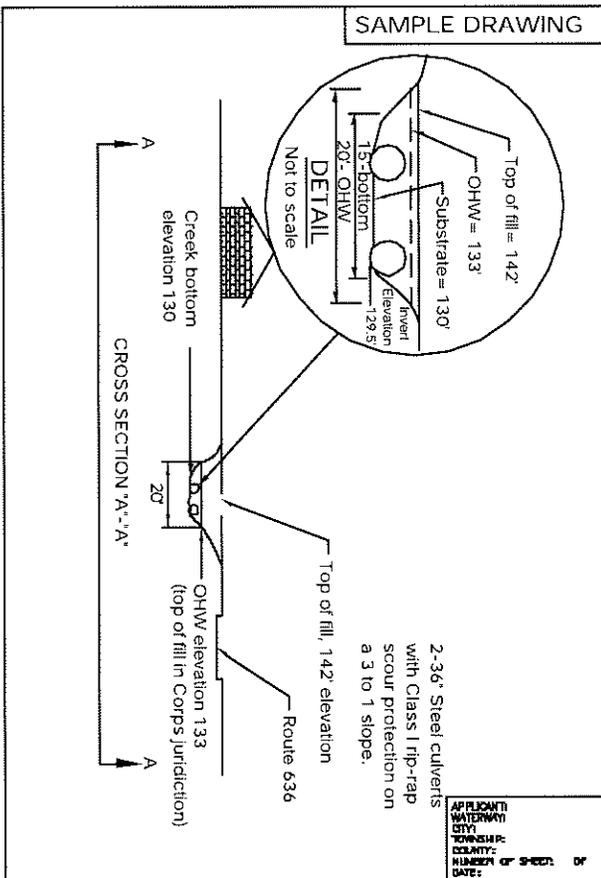
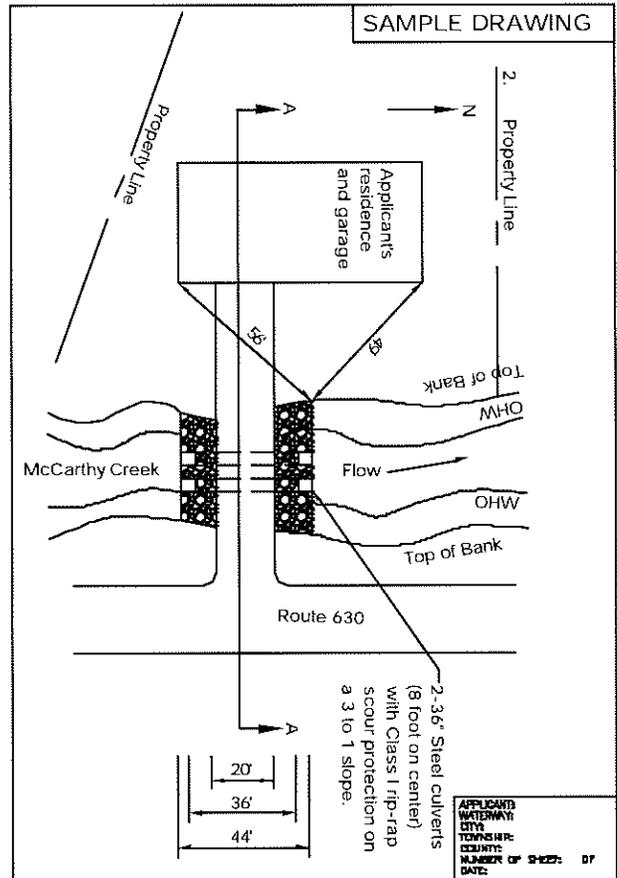
Marsh Toe Stabilization



Riprap Revetment & Associated Backfill



Private & Commercial Aquaculture Activities



Road Crossings

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/hmac/hmoverview.shtm>



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

United States Army Corps of Engineers (USACE)

Norfolk District

803 Front Street, ATTN: CENAO-WR-R

Norfolk, Virginia 23510-1011

Phone: (757) 201-7652, Fax: (757) 201-7678

Website: <http://www.nao.usace.army.mil/Missions/Regulatory.aspx>



Virginia Department of Environmental Quality (DEQ)

Virginia Water Protection Permit

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://ccrm.vims.edu/permits_web/guidance/local_wetlands_boards.html

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 (LWB), the Virginia Marine Resources Commission (VMRC), the Department of Environmental Quality (DEQ), and/or the U. S. Army Corps of Engineers (USACE). This application can be used for:

- **Access-related activities**, including piers, boathouses, boat ramps (without associated dredging or excavation*), moorings, marinas.
- **Shoreline stabilization projects** including living shorelines, riprap revetments, marsh toe stabilization, bulkheads, breakwaters, beach nourishment, groins, and jetties. It is the policy of the Commonwealth that living shorelines are the preferred alternative for stabilizing tidal shorelines (Va. Code § 28.2-104.1).
- **Crossings** over or under tidal waters and wetlands including bridges and utility lines (water, sewer, electric).
- **Aquaculture structures**, including cages and floats except “oyster gardening”***

***Note:** for all dredging, excavation, or surface water withdrawal projects you **MUST** use the Standard JPA form; for noncommercial, riparian shellfish aquaculture projects (i.e., “oyster gardening”) you must use the abbreviated JPA found at <http://www.mrc.virginia.gov/forms/abbrjpa.pdf> or call VMRC for a form.

The DEQ and the USACE 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 USACE permit, you must submit the Standard Joint Permit application form. You can find this application at <http://www.nao.usace.army.mil/Missions/Regulatory/JPA.aspx>. 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.

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, address the package to: JPA.permits@mrc.virginia.gov. The application must be provided in the .pdf format and should not exceed 10 MB. If larger than 10 MB you may provide a file transfer protocol (ftp) site for download purposes.

The Tidewater JPA should include the following:

1. **Part 1** – General Information
2. **Part 2** – Signatures
3. **Part 3** - Appendices (A, B, C, and/or D 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.

When completing this form, use the legal name of the applicant, agent, and/or property owner. For DEQ application purposes, *legal name* means the full legal name of an individual, business, or other organization. For an individual, the legal name is the first name, middle initial, last name, and suffix. For an entity authorized to do business in Virginia, the legal name is the exact name set forth in the entity's articles of incorporation, organization or trust, or formation agreement, as applicable. Also provide the name registered with the State Corporation Commission, if required to register. DEQ issues a permit or grants coverage to the so-named individual or business, who becomes the 'permittee'. Correspondence from some agencies, including permits, authorizations, and/or coverage, may be provided via electronic mail. If the applicant and/or agent wishes to receive their permit via electronic mail, please remember to include an e-mail address at the requested place in the application.

In order for projects requiring LWB authorization to be considered complete (Virginia Code § 28.2-1302); "The permit application shall include the following: the name and address of the applicant; a detailed description of the proposed activities; a map, drawn to an appropriate and uniform scale, showing the area of wetlands directly affected, the location of the proposed work thereon, the area of existing and proposed fill and excavation, the location, width, depth and length of any proposed channel and disposal area, and the location of all existing and proposed structures, sewage collection and treatment facilities, utility installations, roadways, and other related appurtenances of facilities, including those on the adjacent uplands; a description of the type of equipment to be used and the means of access to the activity site; the names and addresses of record of adjacent land and known claimants of water rights in or adjacent to the wetland of whom the applicant has notice; an estimate of cost; the primary purpose of the project; and secondary purpose of the proposed project; a complete description of measures to be taken during and after alteration to reduce detrimental offsite effects; the completion date of the proposed work, project, or structure; and such additional materials and documentation as the wetlands board may require."

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

Regional Permit 17 (RP-17), authorizes the installation and/or construction of open-pile piers, mooring structures/devices, fender piles, covered boathouses/boatslips, boatlifts, osprey pilings/platforms, accessory pier structures, and certain devices associated with shellfish gardening, for private use, subject to strict compliance with all conditions and limitations further set out in the RP-17 enclosure located at <http://www.nao.usace.army.mil/Missions/Regulatory/RBregional/>. In addition to the information required in this JPA, prospective permittees seeking authorization under RP-17 must complete and submit the 'Regional Permit 17 Checklist' with their JPA. A copy of the 'Regional Permit 17 Checklist' is found on pages 13 and 14 of this application package. If the prospective permittee answers "yes" (or "N/A", where applicable) to all of the questions on the 'Regional Permit 17 Checklist', the permittee is in compliance with RP-17 and will not receive any other written authorization from the Corps but may not proceed with construction until they have obtained all necessary state and local permits. ***Note: If the prospective permittee answers "no" to any of the questions on the 'Regional Permit 17 Checklist' then their proposed structure(s) does not meet the terms and conditions of RP-17 and written authorization from the Corps is required before commencement of any work.***

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). Note that in some cases, DEQ may be taking an action on behalf of the USACE, such as when the State Program General Permit (SPGP) applies. 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 or denial of your permit application.

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 and/or riparian property owners, and/or is posted on the agency's web page. The public may comment on the project during a designated comment period, if applicable, which varies depending upon the type of permit being applied for and the issuing agency. In certain circumstances, the project may be heard by a governing board, such as a Local Wetlands Board, the State Water Control Board, or VMRC in cases where a locality does not have a wetlands board and with certain subaqueous cases. You may be responsible for bearing the costs for advertisement of public notices.

Public hearings that are held by VMRC occur at their regularly scheduled monthly commission meetings under the following situations: Protested applications for VMRC permits which cannot be resolved; projects costing over \$500,000 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.

PERMIT APPLICATION OR OTHER FEES

Do not send any fees with the JPA. VMRC is not responsible for accounting for fees required by other agencies. Please consult agency websites or contact agencies directly for current fee information and submittal instructions.

- ❖ **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 for Virginia Water Protection permits – while detailed in 9VAC25-20 – are conveyed to the applicant by the applicable DEQ office (<http://www.deq.virginia.gov/Locations.aspx>). Complete the Permit Application Fee Form and submit it per the instructions to the address listed on the form. Instructions for submitting any other fees will be provided to the applicant by DEQ staff.
- ❖ VMRC: An application fee of \$300 may be required for projects impacting tidal wetlands, beaches and/or dunes when VMRC acts as the LWB. VMRC will notify the applicant in writing if the fee is required. Permit fees involving subaqueous lands 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 permit 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 permit fees and submittal requirements.
- ❖ LWB: Permit fees vary by locality. Contact the LWB for your project area or their website for fee information and submittal requirements. Contact information for LWBs may be found at http://ccrm.vims.edu/permits_web/guidance/local_wetlands_boards.html.

FOR AGENCY USE ONLY	
	Notes:
	JPA #

APPLICANTS

Part 1 – General Information

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 8-1/2 x 11 inch sheets of paper.

<i>Check all that apply</i>				
Pre-Construction Notification (PCN) <input type="checkbox"/>	Regional Permit 17 (RP-17) <input type="checkbox"/>			
NWP # _____ <i>(For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned)</i>				
County or City in which the project is located: _____				
Waterway at project site: _____				
PREVIOUS ACTIONS RELATED TO THE PROPOSED WORK (Include all federal, state, and local pre-application coordination, site visits, previous permits, or applications whether issued, withdrawn, or denied)				
Historical information for past permit submittals can be found online with VMRC - https://webapps.mrc.virginia.gov/public/habitat/ - or VIMS - http://ccrm.vims.edu/perms/newpermits.html				
Agency	Action / Activity	Permit/Project number, including any non-reporting Nationwide permits previously used (e.g., NWP 13)	Date of Action	If denied, give reason for denial

Part 1 - General Information (continued)

1. Applicant's legal name* and complete mailing address: Contact Information:

Home () _____
Work () _____
Fax () _____
Cell () _____
e-mail _____

State Corporation Commission Name and ID Number (if applicable) _____

2. Property owner(s) legal name* and complete address, if different from applicant: Contact Information:

Home () _____
Work () _____
Fax () _____
Cell () _____
e-mail _____

State Corporation Commission Name and ID Number (if applicable) _____

3. Authorized agent name* and complete mailing address (if applicable): Contact Information:

Home () _____
Work () _____
Fax () _____
Cell () _____
e-mail _____

State Corporation Commission Name and ID Number (if applicable) _____

*** If multiple applicants, property owners, and/or agents, each must be listed and each must sign the applicant signature page.**

4. Provide a detailed description of the project in the space below, including the type of project, its dimensions, materials, and method of construction. Be sure to include how the construction site will be accessed and whether tree clearing and/or grading will be required, including the total acreage. If the project requires pilings, please be sure to include the total number, type (e.g. wood, steel, etc), diameter, and method of installation (e.g. hammer, vibratory, jetted, etc). If additional space is needed, provide a separate sheet of paper with the project description.

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 () _____
 email _____

State Corporation Commission Name and ID Number (if applicable) _____

*** If multiple contractors, each must be listed and each must sign the applicant signature page.**

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 _____ ZIP Code _____

Latitude and Longitude at Center Point of Project Site (Decimal Degrees):
 _____ / - _____ (Example: 36.41600/-76.30733)

If the project is located in a rural area, please provide driving directions giving distances from the best and nearest visible landmarks or major intersections. *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.*

8. What are the *primary and secondary purposes of and the need for* 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.”

Part 1 - General Information (continued)

9. Proposed use (check one):

Single user (private, non-commercial, residential)

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

10. Describe alternatives considered and 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. 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.

12. Approximate cost of the entire project (materials, labor, etc.): \$ _____

Approximate cost of that portion of the project that is channelward of mean low water:

\$ _____

13. Completion date of the proposed work: _____

14. Adjacent Property Owner Information: List the name and complete **mailing address**, including zip code, of each adjacent property owner to the project. (NOTE: If you own the adjacent lot, provide the requested information for the first adjacent parcel beyond your property line.) Failure to provide this information may result in a delay in the processing of your application by VMRC.

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, USACE, 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 Legal Name (printed/typed)

(Use if more than one applicant)

Applicant's Signature

(Use if more than one applicant)

Date

Property Owner's Legal 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 legal 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 legal 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 the water
(Print adjacent/nearby property owner's name)

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 the water
(Print adjacent/nearby property owner's name)

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.



REGIONAL PERMIT 17 CHECKLIST

Please review the 18-RP-17 enclosure before completing this form and note 18-RP-17 can only be used for proposed **PRIVATE USE** structures that comply with the terms and conditions of 18-RP-17. Copies can be obtained online at <http://www.nao.usace.army.mil/Missions/Regulatory/RBregional/>.

- YES NO (1) Has the permittee reviewed the 18-RP-17 enclosure and verified that the proposed structure(s) is in compliance with all the terms, conditions, and limitations of 18-RP-17?
- YES NO (2) Does the proposed structure(s) extend no more than one-fourth of the distance across the waterway measured from either mean high water (MHW) to MHW (including all channelward wetlands) or ordinary high water (OHW) to OHW (including all channelward wetlands)?
- YES NO (3) Does the proposed structure(s) extend no more than 300 feet from MHW or OHW (including all channelward wetlands)?
- YES NO N/A (4) Does the proposed structure(s) attach to the upland at a point landward of MHW or OHW (including all channelward wetlands)?
- YES NO N/A (5) If the proposed structure(s) 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 N/A (6) Does the proposed structure(s) include no more than two (2) boatlifts and no more than two (2) boat slips?
- YES NO N/A (7) Is the open-sided roof structure designed to shelter a boat \leq 700 square feet and/or is the open sided roof structure or gazebo structure designed to shelter a pier \leq 400 square feet?
- YES NO N/A (8) Are all piles associated with the proposed structure(s) non-steel, less than or equal to 12" in diameter, and will less than or equal to 25 piles be installed channelward of MHW?
- YES NO N/A (9) Is all work occurring behind cofferdams, turbidity curtains, or other methods to control turbidity being utilized when operationally feasible and federally listed threatened or endangered species may be present?
- YES NO N/A (10) If the proposed structure(s) is to be located within an anadromous fish use area, will the prospective permittee adhere to the anadromous fish use area time of year restriction (TOYR) prohibiting in-water work from occurring between February 15 through June 30 of any given year if (1) piles are to be installed with a cushioned impact hammer and there is less than 492 feet between the most channelward pile and mean low water (MLW) on the opposite shoreline or (2) piles are to be installed with a vibratory hammer and there is less than 384 feet between the most channelward pile and MLW on the opposite shoreline?
- YES NO (11) Is all work occurring outside of submerged aquatic vegetation (SAV) mapped by the Virginia Institute of Marine Sciences' (VIMS) most recent survey year and 5 year composite?
- YES NO (12) Has the permittee ensured the construction and/or installation of the proposed structure(s) will not affect federally listed threatened or endangered species or designated critical habitat?
- YES NO (13) Will the proposed structure be located outside of Broad Creek in Middlesex County, Fisherman's Cove in Norfolk, or the Salt Ponds in Hampton?
- YES NO (14) Will the proposed structure(s) be located outside of the waterways containing a Federal Navigation Project listed in Permit Specific Condition 12 of 18-RP-17 and/or will all portions of the proposed structure(s) be located more than 85 feet from the Federal Navigation Project?

- YES NO (15) Will the proposed structure(s) be located outside a USACE Navigation and Flood Risk Management project area?
- YES NO (16) Will the proposed structure(s) be located outside of any Designated Trout Waters?
- YES NO N/A (17) If the proposed structure(s) includes flotation units, will the units be made of materials that will not become waterlogged or sink if punctured?
- YES NO N/A (18) If the proposed structure(s) includes flotation units, will the floating sections be braced so they will not rest on the bottom during periods of low water?
- YES NO (19) Is the proposed structure(s) made of suitable materials and practical design so as to reasonably ensure a safe and sound structure?
- YES NO (20) Will the proposed structure(s) be located on the property in accordance with the local zoning requirements?
- YES NO N/A (21) If the proposed structure(s) includes a device used for shellfish gardening, will the device be attached directly to a pier and limited to a total of 160 square feet?
- YES NO N/A (22) If the proposed structure(s) includes a device used for shellfish gardening, does the permittee recognize this RP does not negate their responsibility to obtain an oyster gardening permit (General Permit #3) from Virginia Marina Resources Commission (VMRC)'s Habitat Management Division? Please refer to Appendix D of the Tidewater JPA for more details on VMRC's aquaculture requirements.
- YES NO (23) Does the permittee recognize this RP does not authorize any dredging or filling of waters the United States (including wetlands) and does not imply that future dredging proposals will be approved by the Corps?
- YES NO (24) Does the permittee understand that by accepting 18-RP-17, the permittee accepts all of the terms and conditions of the permit, including the limits of Federal liability contained in the 18-RP-17 enclosure? Does the permittee acknowledge that the structures permitted under 18-RP-17 may be exposed to waves caused by passing vessels and that the permittee is solely responsible for the integrity of the structures permitted under 18-RP-17 and the exposure of such structures and vessels moored to such structures to damage from waves? Does the permittee accept that the United States is not liable in any way for such damage and that it shall not seek to involve the United States in any actions or claims regarding such damage?

IF YOU HAVE ANSWERED "NO" TO ANY OF THE QUESTIONS ABOVE, REGIONAL PERMIT 17 (18-RP-17) DOES NOT APPLY AND YOU ARE REQUIRED TO OBTAIN WRITTEN AUTHORIZATION FROM THE CORPS PRIOR TO PERFORMING THE WORK.

IF YOU HAVE ANSWERED "YES" (OR "N/A", WHERE APPLICABLE) TO ALL OF THE QUESTIONS ABOVE, YOU ARE IN COMPLIANCE WITH REGIONAL PERMIT 17 (18-RP-17). PLEASE SIGN BELOW, ATTACH, AND SUBMIT THIS CHECKLIST WITH YOUR COMPLETED JOINT PERMIT APPLICATION (JPA). 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 (18-RP-17), DATED SEPTEMBER 2018, ISSUED BY THE US ARMY CORPS OF ENGINEERS, NORFOLK DISTRICT REGULATORY BRANCH (CENAO-WRR), NORFOLK, VIRGINIA.

Proposed work to be located at:

Signature of Property Owner(s) or Agent

Date _____

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 such as private and community piers, boathouses, marinas, moorings, and boat ramps. Answer all questions that apply.

1. Briefly describe your proposed project.

2. For private, noncommercial piers:

- Do you have an existing pier on your property? Yes No
If yes, will it be removed? Yes No
Is your lot platted to the mean low water shoreline? Yes No
What is the overall length of the proposed structure? _____ feet.
Channelward of Mean High Water? _____ feet.
Channelward of Mean Low Water? _____ feet.
What is the area of the piers and platforms that will be constructed over
Tidal non-vegetated wetlands _____ square feet.
Tidal vegetated wetlands _____ square feet.
Submerged lands _____ square 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 the Virginia Marine Resources Commission (Commission or VMRC), however, pursuant to § 28.2-1203 A 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 (USACE), (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.

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, and living shoreline projects. Answer all questions that apply. Please provide any reports provided from the Shoreline Erosion Advisory Service or VIMS.

NOTE: It is the policy of the Commonwealth that living shorelines are the preferred alternative for stabilizing tidal shorelines (Va. Code § 28.2-104.1). **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. Describe each **revetment, bulkhead, marsh toe, breakwater, groin, jetty, other structure, or living shoreline project** separately in the space below. Include the overall length in linear feet, the amount of impacts in acres, and volume of associated backfill below mean high water and/or ordinary high water in cubic yards, as applicable:

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
 - Non-vegetated 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.

Part 3 – Appendices (continued)

Appendix D: Aquaculture Related Structures such as cages and floats. Before completing this appendix, please review the aquaculture requirements summary at: http://mrc.virginia.gov/Shellfish_Aquaculture.shtm.

1. Will the activity be for commercial purposes? Yes No.

If Yes and structures will be placed upon an oyster ground lease, you may qualify for the VMRC General Permit #4 for Temporary Protective Enclosures for Shellfish. For more info see:

http://www.mrc.virginia.gov/regulations/MRC_Scanned_Regs/Shellfish_Mix/fr1130_12-0107.pdf. If you qualify for the General Permit #4, or if such structures are proposed that are not on an oyster planting ground lease, or for floating structures of any kind, complete this Joint Permit Application and include the necessary information requested below in question 2 through 11.

If No, you may qualify for the VMRC General Permit #3, for Noncommercial Riparian Shellfish Growing (i.e. “Gardening”) For more information see:

http://www.mrc.virginia.gov/forms/VGP3_Aquaculture.doc.pdf. If you qualify for this general permit use the Abbreviated Joint Permit Application For Noncommercial Riparian Shellfish Aquaculture Structures available at <http://www.mrc.virginia.gov/forms/abbrjpa.pdf> - **do not use this Joint Permit Application.**

2. Will aquaculture structures be attached to an existing pier or other structure? Yes No.

3. The plat file # if proposed upon oyster planting ground lease(s). _____

4. The maximum area where enclosures are proposed. _____ square feet

5. The maximum number of enclosures being proposed to be deployed. _____

6. The species of shellfish to be cultured. _____

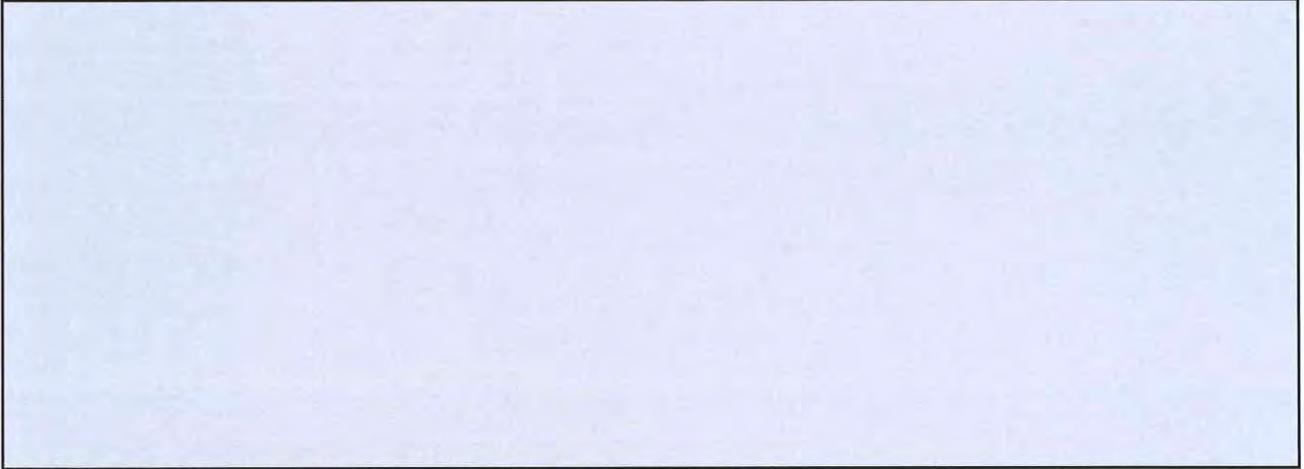
7. A detailed description of the enclosures to include width, length and height.

8. In addition to the requirements itemized in Part 4 Project Drawings, the following additional information must be included on your project drawings: A general description of the area within 500 feet of deployment area. Provide a drawing that depicts existing marine resources such as SAV, shellfish beds, fixed fishing devices, public grounds, piers, water depths at mean low water, tide range, and the minimum clearance at mean low tide over the enclosures.

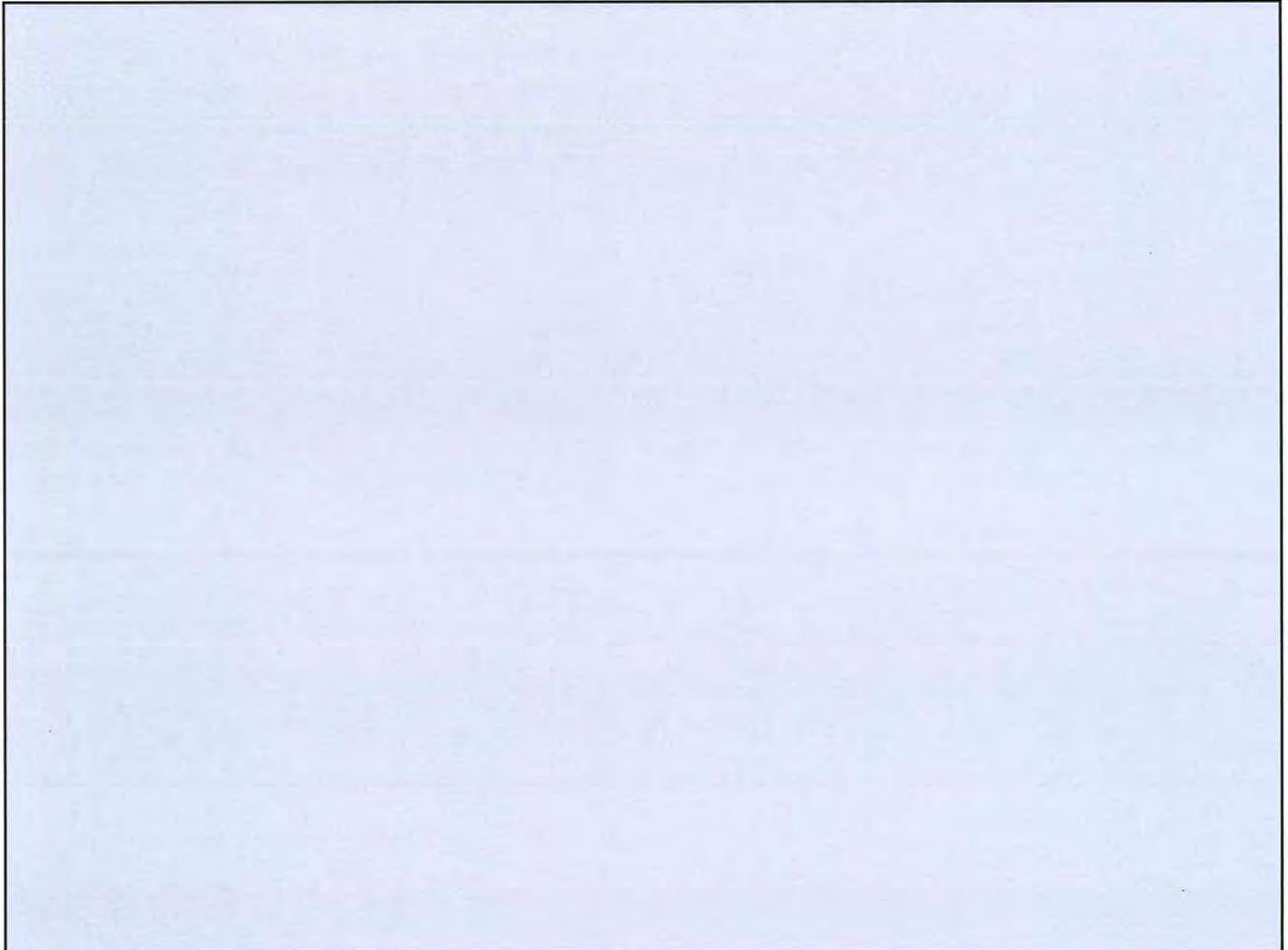
9. Provide the date enclosures are proposed to be deployed _____. How will the structures be secured? _____.

Part 3 – Appendices (continued)

10. List of all riparian land owners within 500 feet of the area where enclosures are proposed along with a map (tax map or other suitable map) depicting the locations of such parcels or riparian property owner acknowledgement forms signed by the riparian land owner with any comments concerning the enclosures deployment request.



11. Proof that the applicant holds a current oyster or clam aquaculture product owners permit, and verification that the applicant is in compliance with Mandatory Harvest Reporting requirements, and verification that the current years oyster ground rent is paid, if structures are proposed on an oyster ground lease.



Part 4 - Project Drawings

Plan view and cross-sectional 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. **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.

The following items must be included on ALL project drawings: (plan and cross-sectional, as appropriate)

- **name of project**
- **north arrow**
- **scale**
- **waterway name**
- **existing and proposed structures, labeled as such**
- **dimensions of proposed structures**
- **mean high water and mean low water lines**
- **all delineated wetlands and all surface waters on the site, including the Cowardin classification (i.e., emergent, scrub-shrub, or forested) for those surface waters (if applicable)**
- **limits of proposed impacts to surface waters, such as fill areas, riprap scour protection placement, and dredged areas, and the amount of such impacts in square feet and acres**
- **ebb/flood direction**
- **adjacent property lines and owner's name**
- **distances from proposed structures to fixed points of reference (benchmarks) and adjacent property lines**

Part 5 - Chesapeake Bay Preservation Act Information

All proposed development, redevelopment, land disturbance, clearing or grading related to this Tidewater 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. Contact the appropriate local government office to determine if a WQIA is required for the proposed activity(ies).

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 approve encroachments into the RPA that may result from 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. As part of their review and approval processes, local government staff will evaluate the proposed project and determine whether or not approval can be granted. Once the locality has made a decision on the project, they will 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:

- 1. Tidal wetlands;**
- 2. Nontidal wetlands connected by surface flow and contiguous to tidal wetlands or water bodies with perennial flow;**
- 3. Tidal shores;**
- 4. Other lands considered by the local government to meet the provisions of subsection A of 9VAC25-830-80 and to be necessary to protect the quality of state waters; and**
- 5. A buffer area not less than 100 feet in width located adjacent to and landward of the components listed in subdivisions 1 through 4 above, and along both sides of any water body with perennial flow.**

Notes for all projects in RPAs

Development, redevelopment, construction, land disturbance, or placement of fill within the RPA features listed above requires the approval of the locality and may require an exception or variance from the local Bay Act ordinance. Please contact the appropriate local government to determine the types of development or land uses that are permitted within RPAs.

Pursuant to 9VAC25-830-110, 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

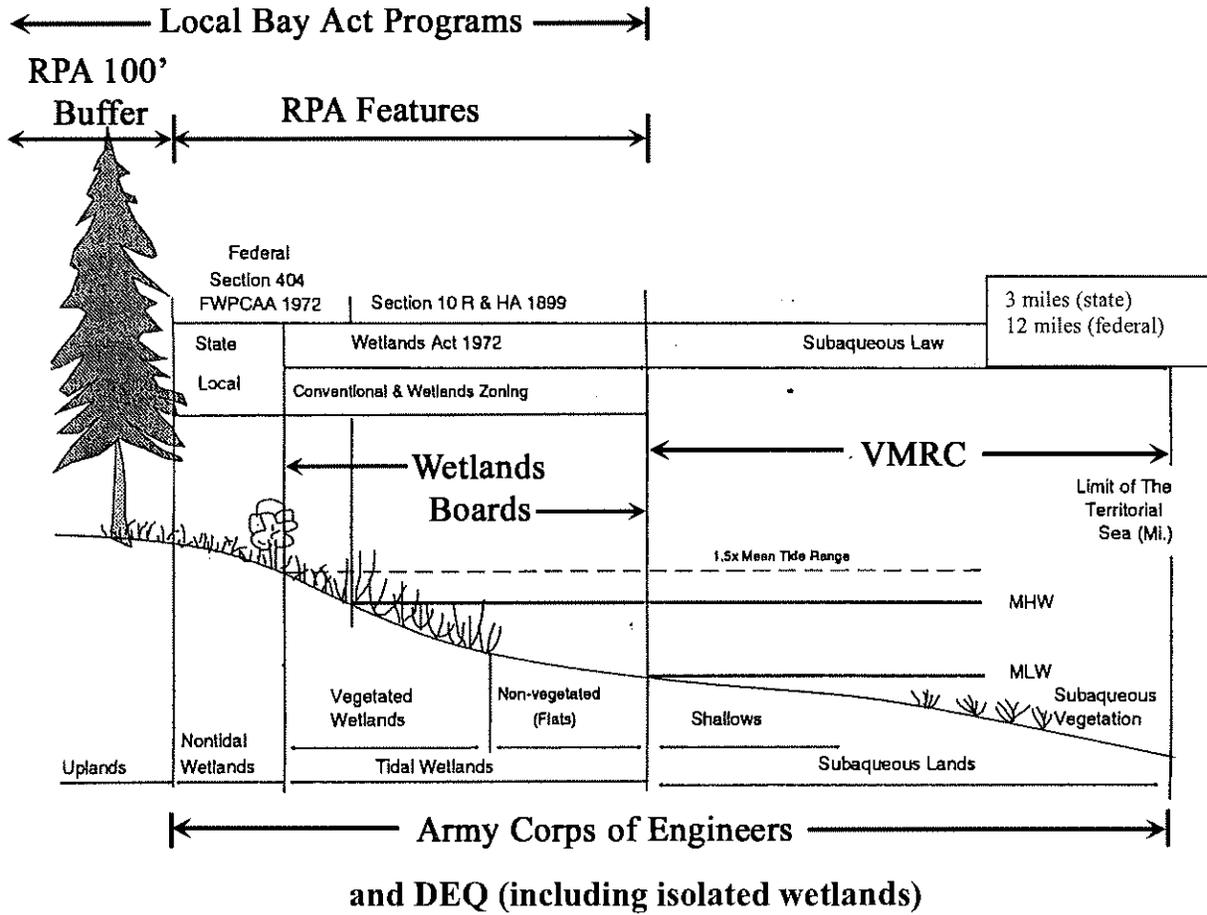
Re-establishment of woody vegetation in the buffer will be required by the locality to mitigate for the removal or disturbance of buffer vegetation associated with your proposed project. Please contact the local government to determine the mitigation requirements for impacts to the 100-foot RPA buffer.

Part 5 - Chesapeake Bay Preservation Act Information (continued)

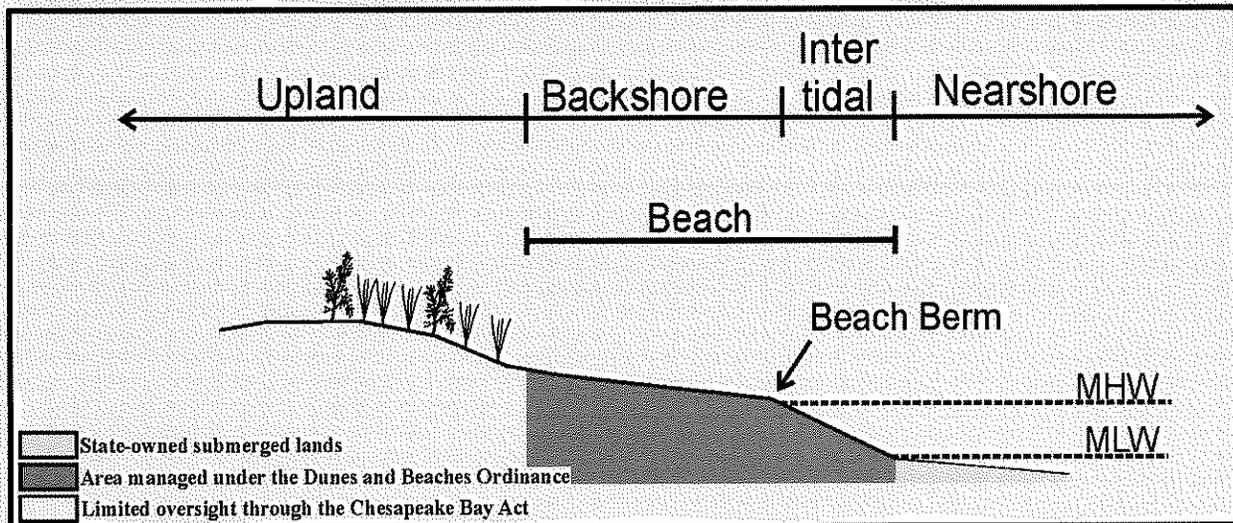
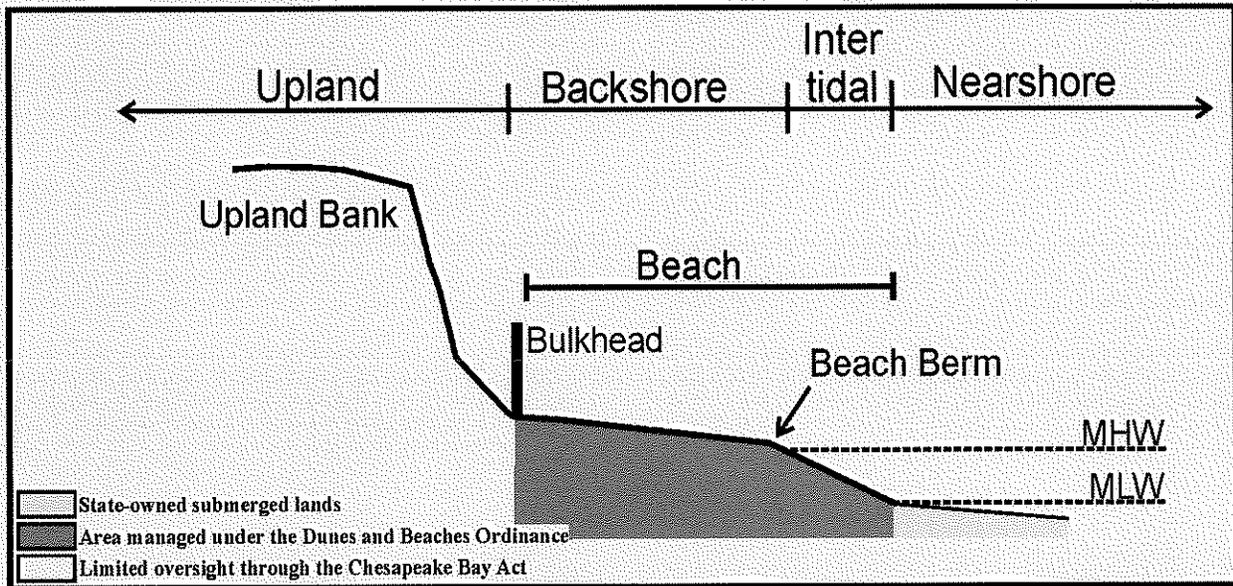
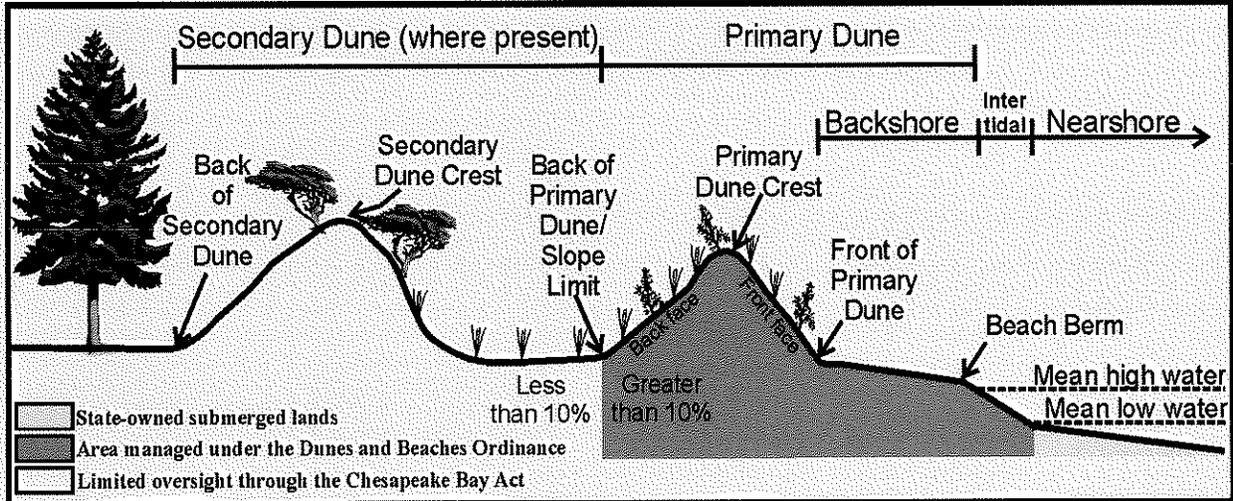
Pursuant to 9VAC25-830-140 5 a (4) of the Virginia Administrative Code, shoreline erosion projects are a permitted modification to RPAs provided that the project is based on the “best technical advice” and complies with applicable permit conditions. In accordance with 9VAC25-830-140 1 of the Virginia Administrative Code, the locality will use the information provided in this Part V, in the project drawings, in this permit application, and as required by the locality, to make a determination that:

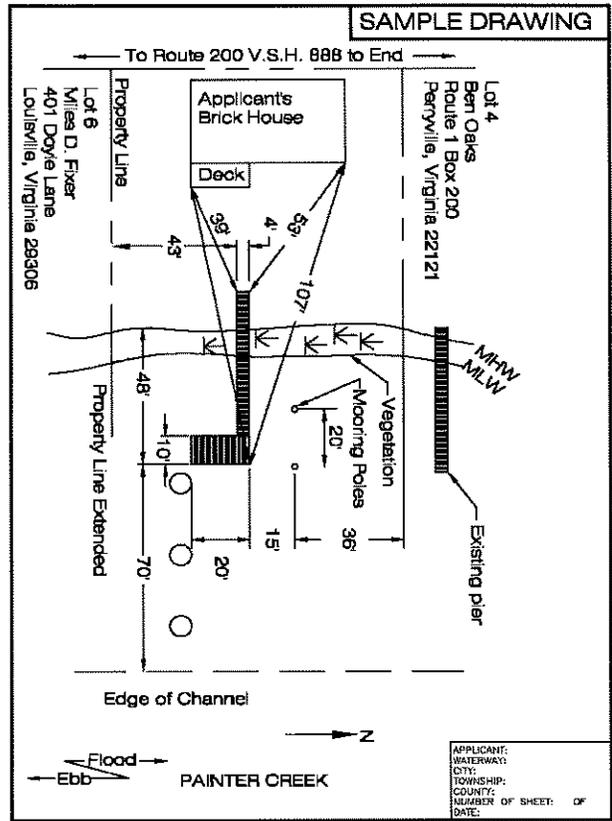
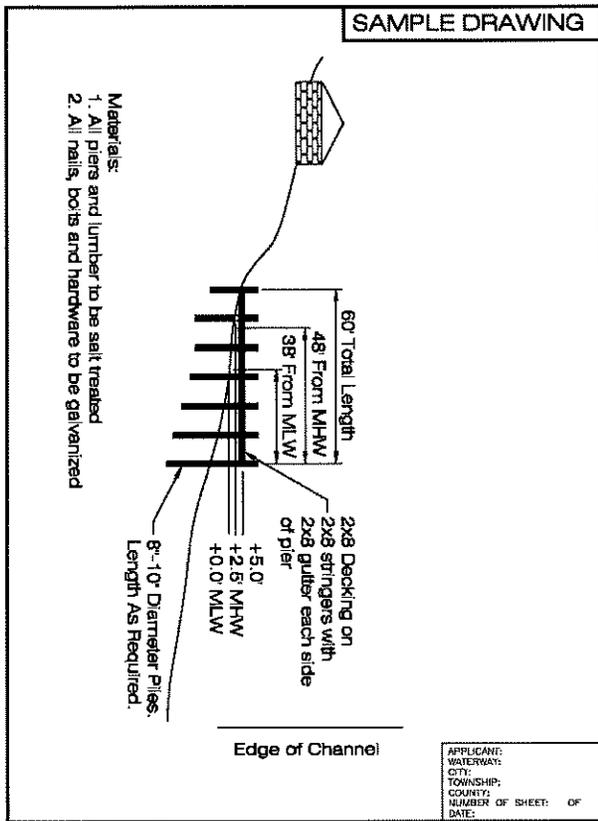
1. Any proposed shoreline erosion control measure is necessary and consistent with the nature of the erosion occurring on the site, and the measures have employed the “best available technical advice”
2. Indigenous vegetation will be preserved to the maximum extent practicable
3. Proposed land disturbance has been minimized
4. Appropriate mitigation plantings will provide the required water quality functions of the buffer (9VAC25-830-140 3)
5. The project is consistent with the locality’s comprehensive plan
6. Access to the project will be provided with the minimum disturbance necessary.

JURISDICTIONAL BOUNDARIES

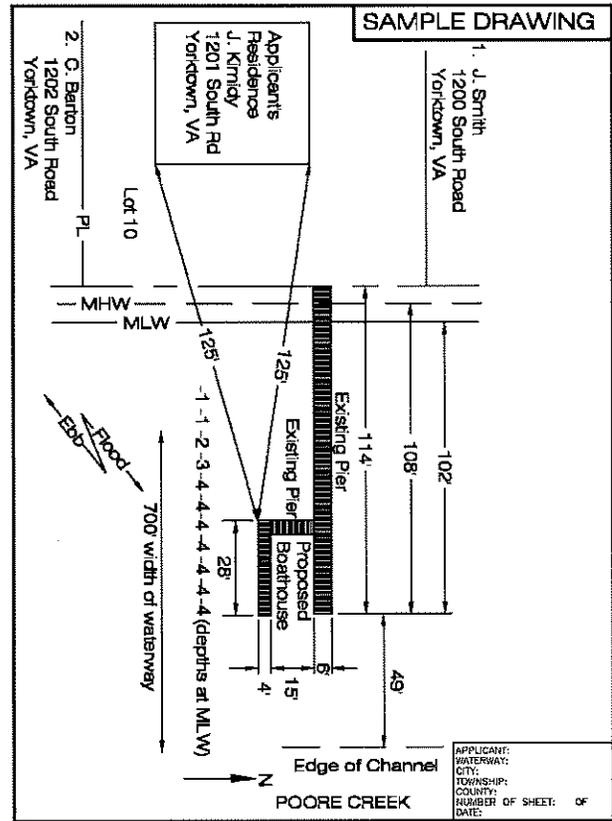
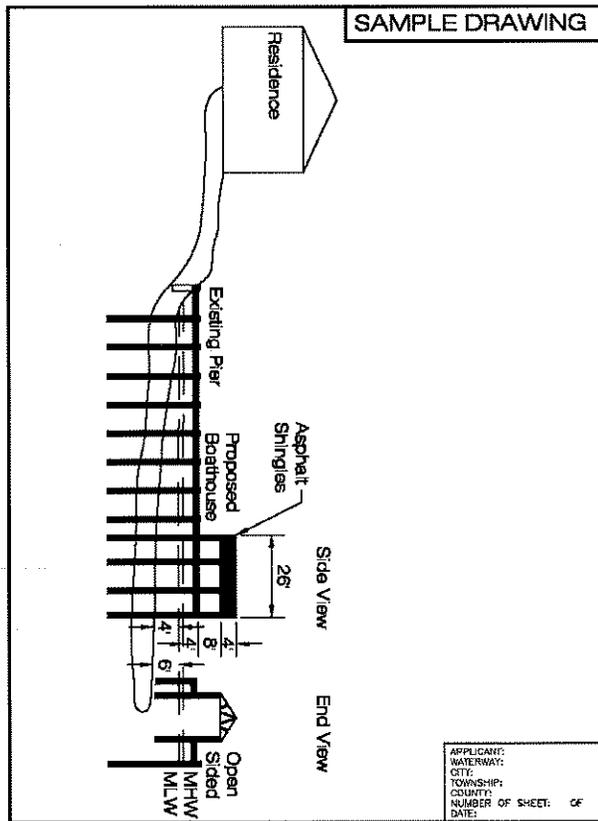


Dune and Beach Boundaries

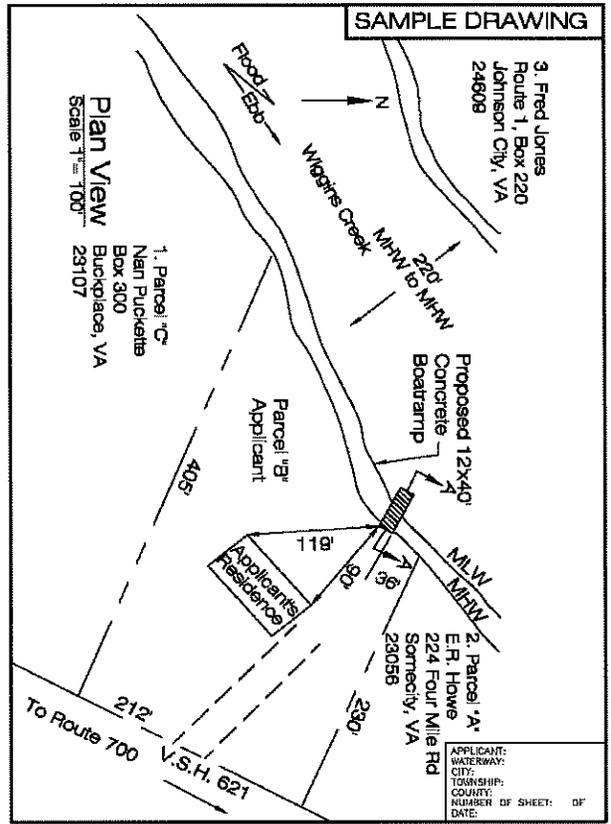
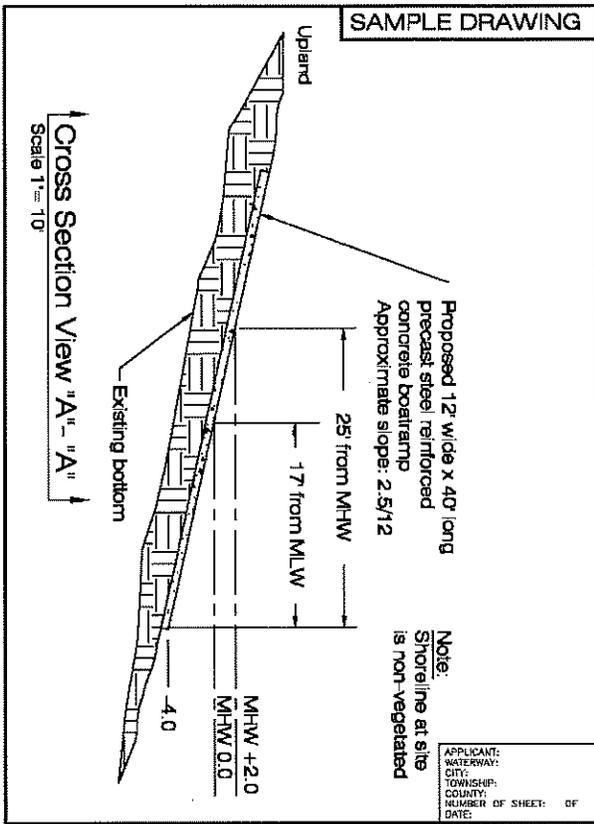




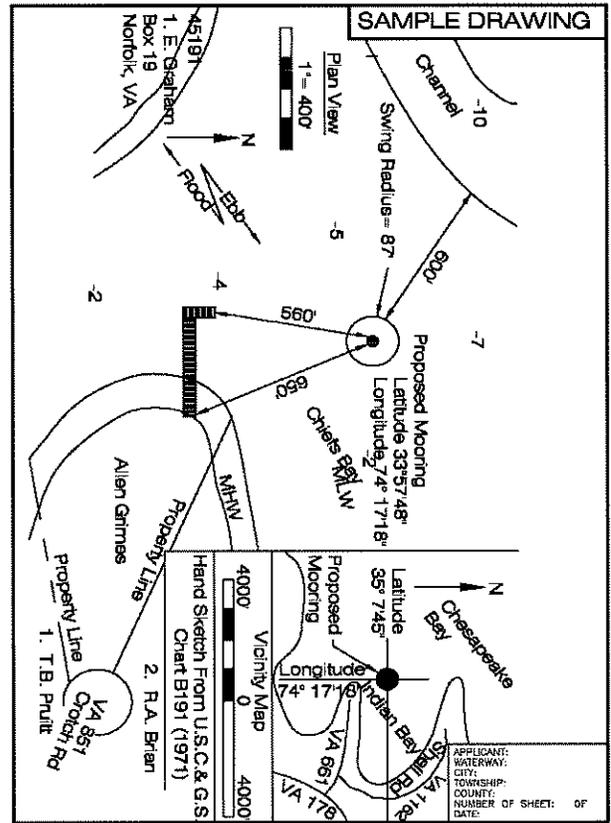
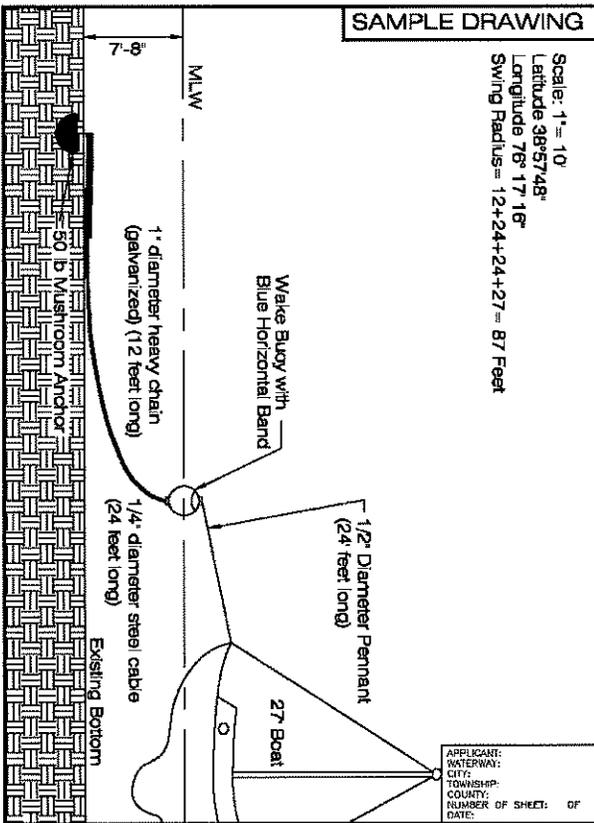
Private Piers & Marginal Wharves



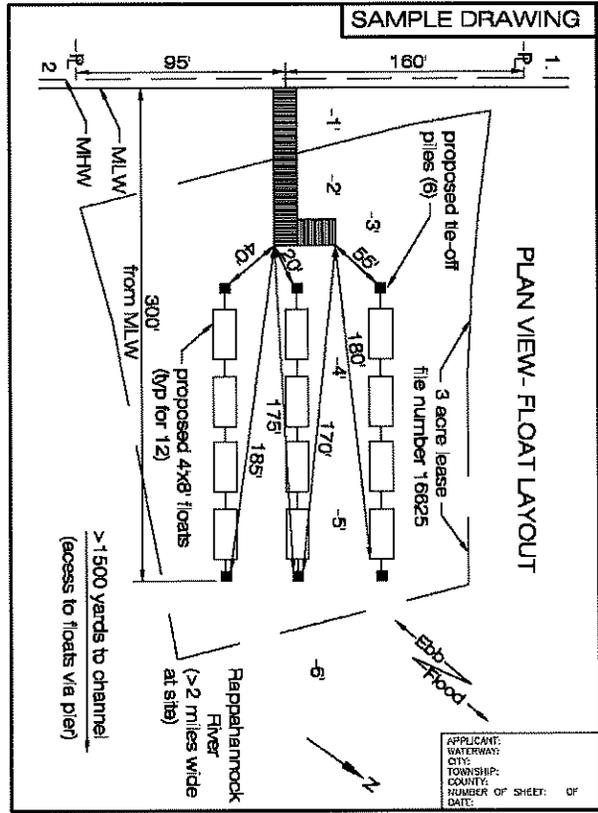
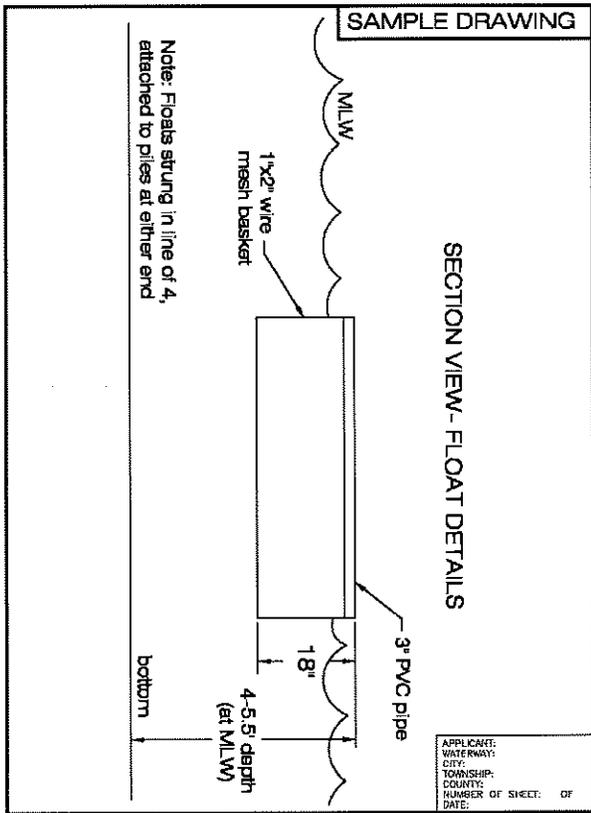
Boathouses



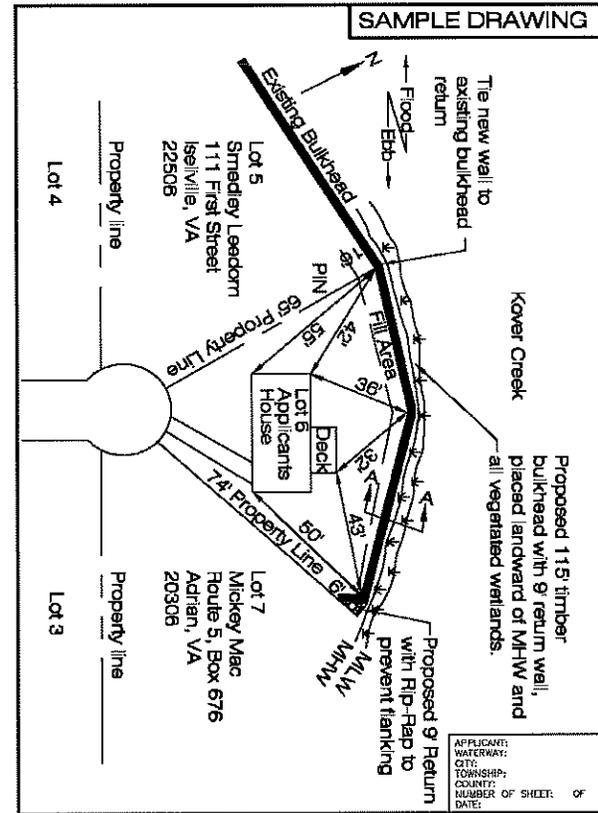
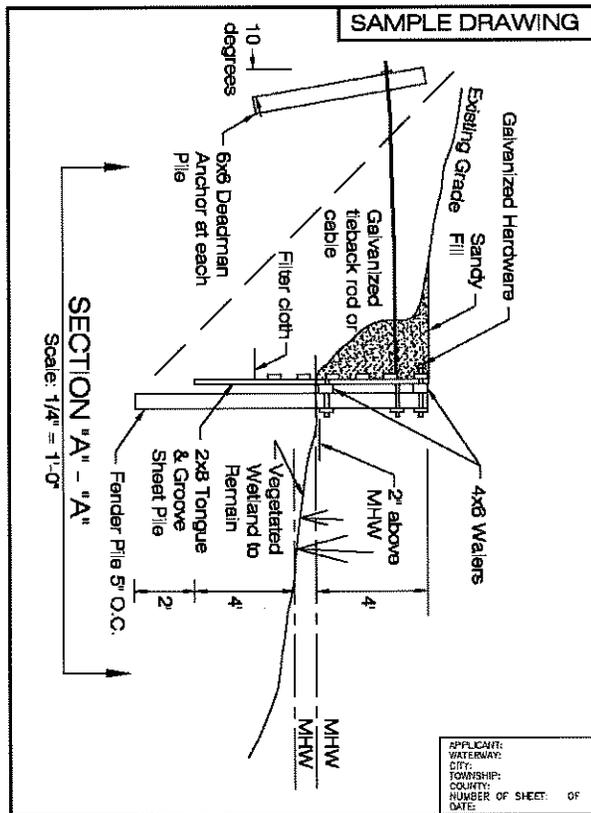
Boat Ramps



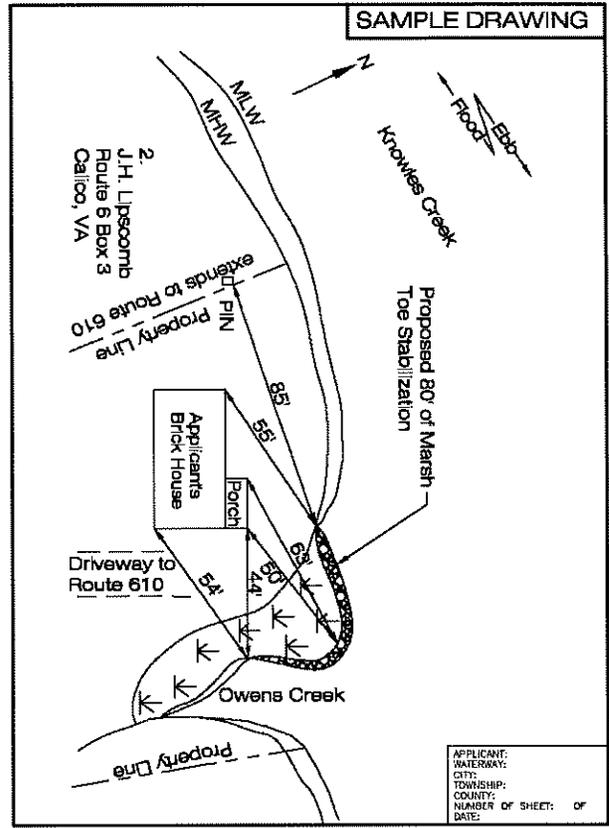
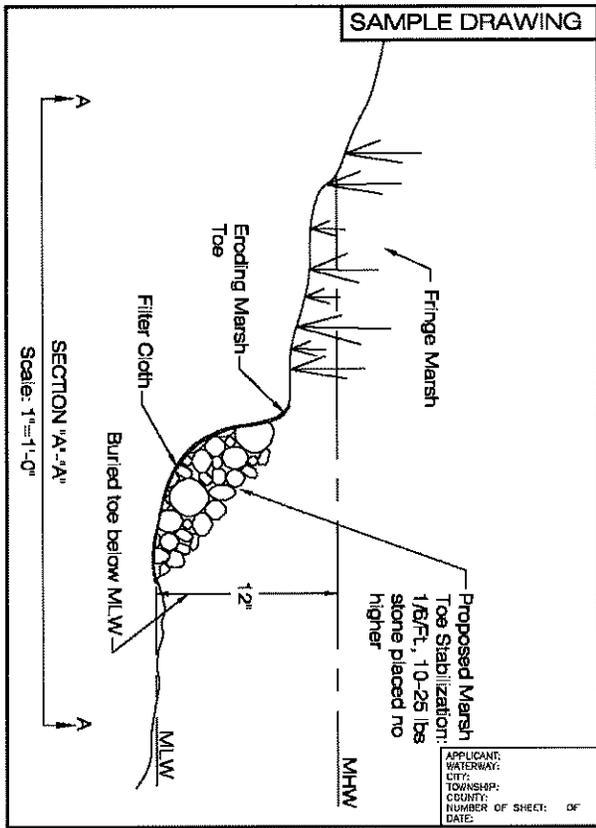
Dolphins or Moorings



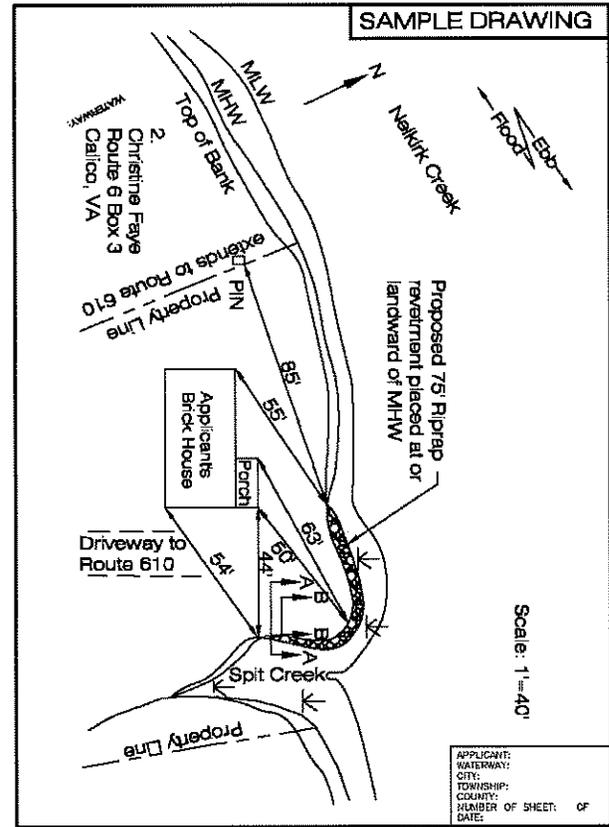
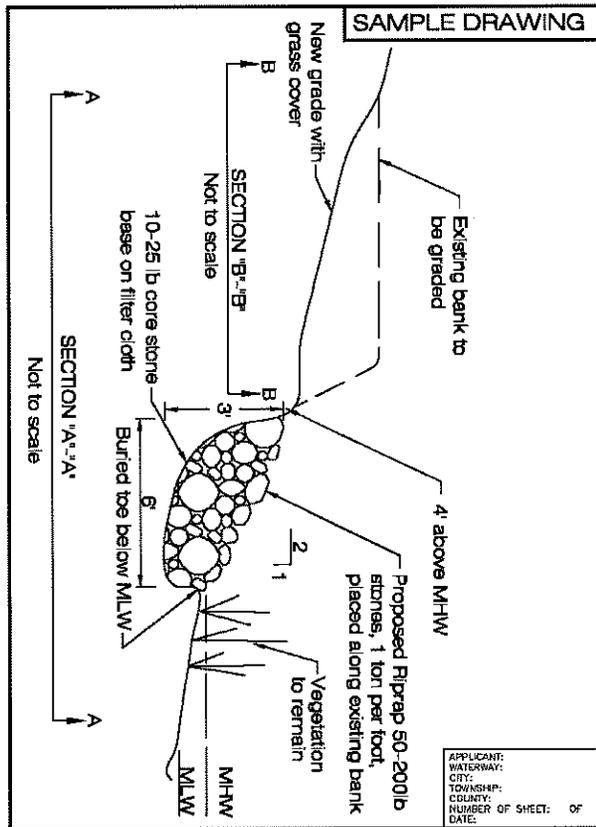
Private & Commercial Aquaculture Activities



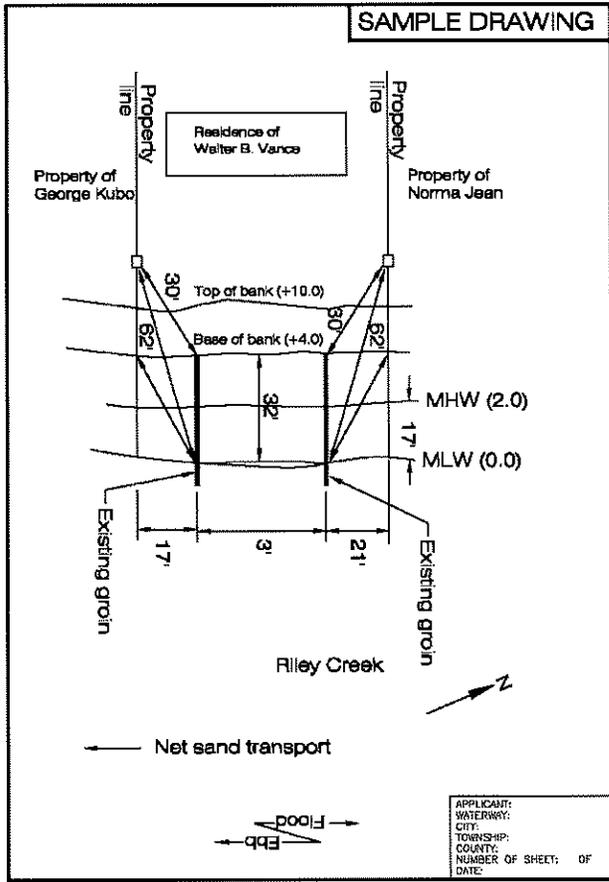
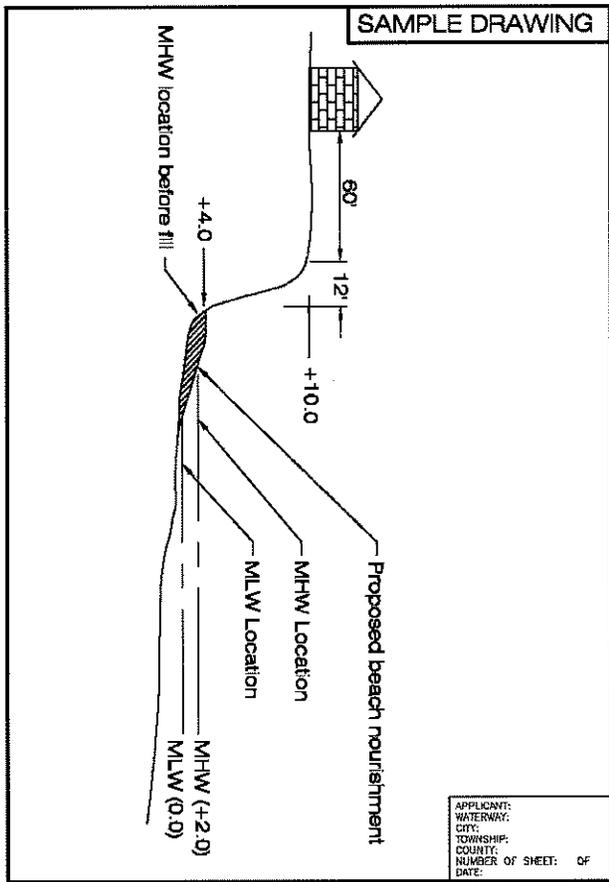
Bulkheads and Associated Backfill



Marsh Toe Stabilization



Riprap Revetment & Associated Backfill



Beach Nourishment

ATTACHMENT C

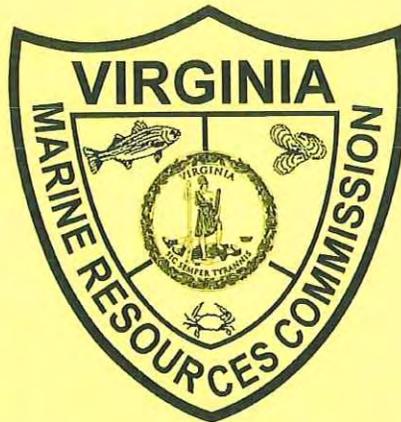
Permit Placard

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



November 2018

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 2018



02 1A \$ 00.24⁰
 0004343259 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 2018

**COMMONWEALTH OF VIRGINIA
MARINE RESOURCES COMMISSION
PERMIT**

The Commonwealth of Virginia, Marine Resources Commission, hereinafter referred to as the Commission, on this 18th day of January 2017 hereby grants unto:

**Milton Cook
1210 Crescent Drive
Smithfield, VA 23430**

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 install 40 square feet of deck space, 88 linear feet of 5-foot wide finger pier, a 50-foot by 20-foot open-sided covered boat slip, and relocate a 10-foot by 16-foot floating dock to the channelward side of the existing "T-head" on an existing private pier authorized herein along Cypress Creek at 1210 Crescent Drive in Isle of Wight County. All activities authorized herein shall be accomplished in conformance with the plans and drawings dated received November 28, 2016, 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 is to be completed by **January 31st, 2020**. 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 that 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.
- (17) Permittee agrees to notify the Commission a minimum of 15 days prior to the start of the activities authorized by this permit.

Description of Fees	Amount	Unit of Measure	Rate	Total	Frequency	After-The-Fact
Permit Fee				\$100.00	One-Time	
Total Permit Fees				\$100.00		

This permit consists of 6 Pages

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

day of _____, 20

By _____
(Name) (Title)

State of _____

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

I, _____ a Notary Public in and for said City (or County) and State hereby certify that _____, 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 _____ day of _____, 20

My Commission Expires:

Notary Public _____

COMMISSION

IN WITNESS WHEREOF, the Commonwealth of Virginia, Marine Resources Commission has caused these presents to be executed in its behalf by _____

(Name)

(Title) Marine Resources Commission

day of _____, 20

By _____

State of Virginia

City of Newport News, to-wit:

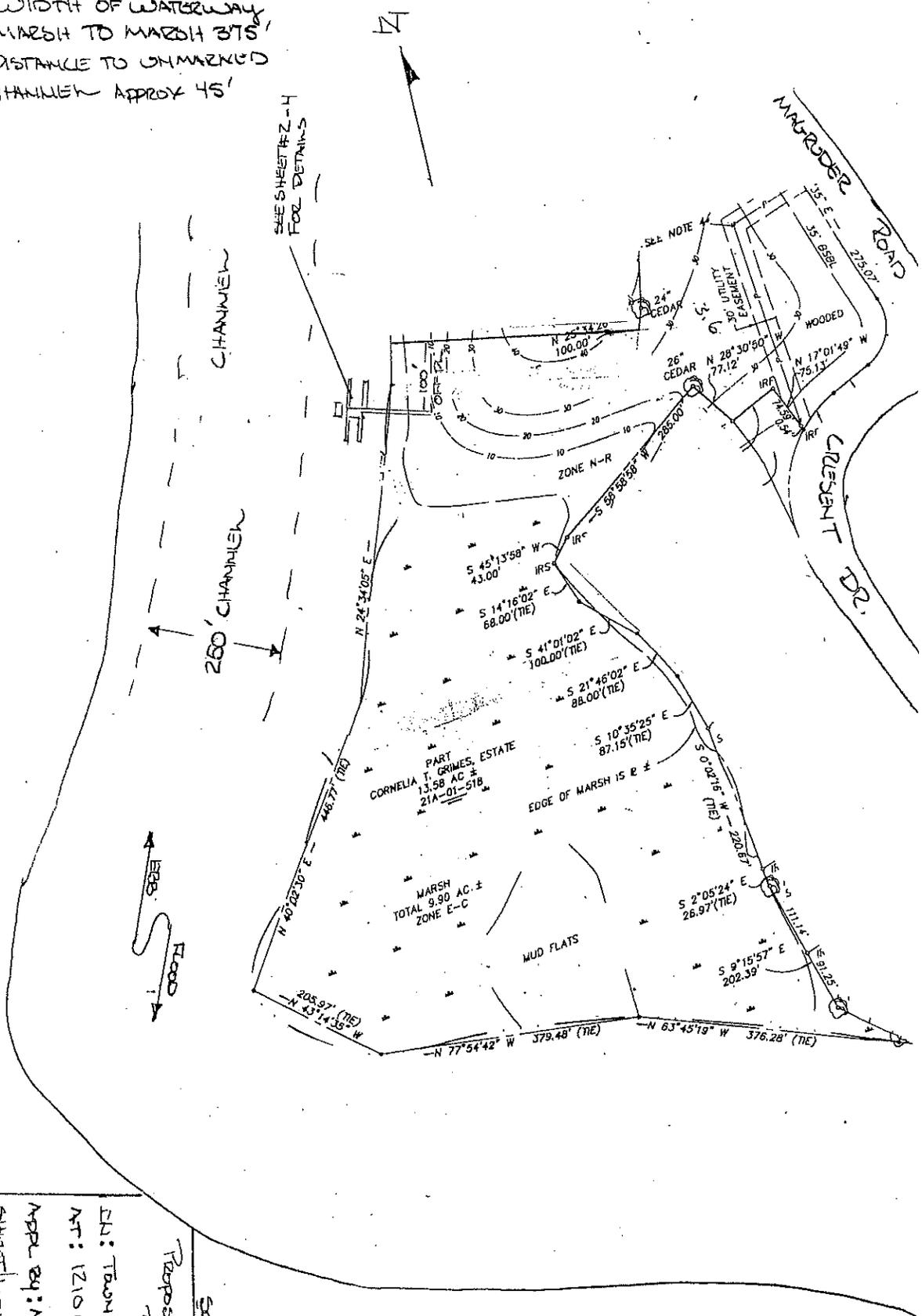
I, _____, a Notary Public within and for said City, State of Virginia, hereby certify that _____, whose name is signed to the foregoing, bearing the 18th day of January 2017, has acknowledged the same before me in City aforesaid.

Given under my hand this _____ day of _____, 20

My Commission Expires:

Notary Public _____

CYPRESS CREEK
 WIDTH OF WATERWAY
 MARSH TO MARSH 375'
 DISTANCE TO UNMARKED
 CHANNEL APPROX 45'

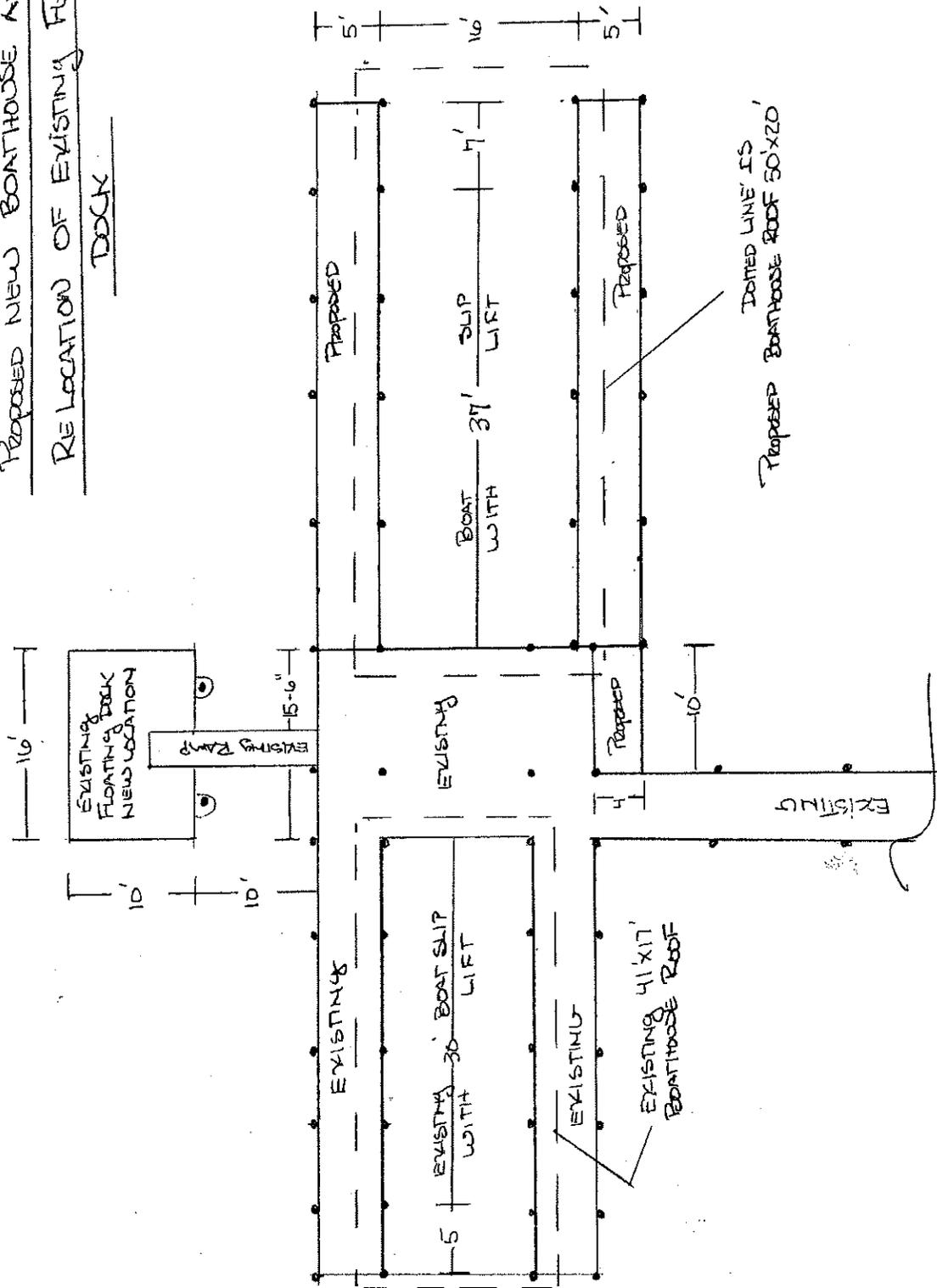


SCALE 5/8" = 100 FT
 Proposed here with
 REPARATIONS
 DW: TOWN OF SMITHFIELD
 NT: 1210 CRESCENT DR,
 ASPL BY: MILTON COOK
 SHEET 1 OF 4 DATE: 11-26-16

RECEIVED
 NOV 28 2016
 MARINE RESOURCES
 COMMISSION

SHEET # 1

PROPOSED NEW BATHHOUSE AND
RELOCATION OF EXISTING FLOATING
DOCK



SCALE 1" = 10'

RECEIVED
 NOV 28 2016
 MARINE RESOURCES
 COMMISSION

PILE CHART

SHEET #3

MATERIALS:

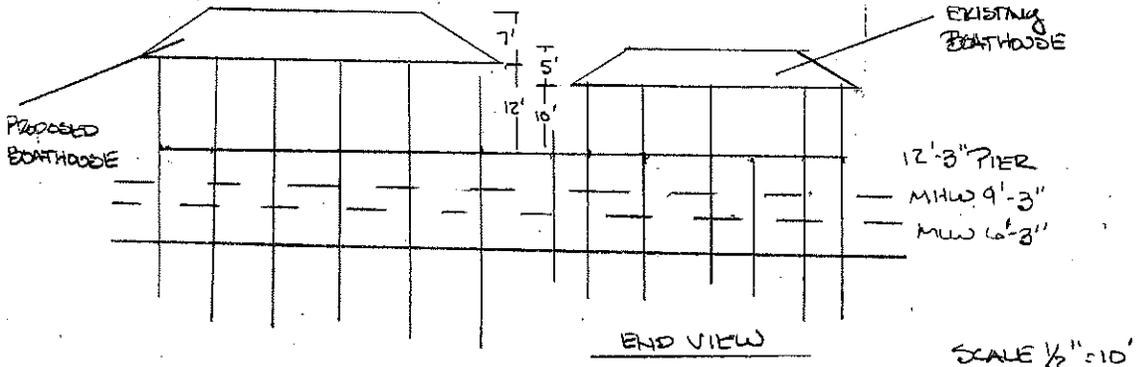
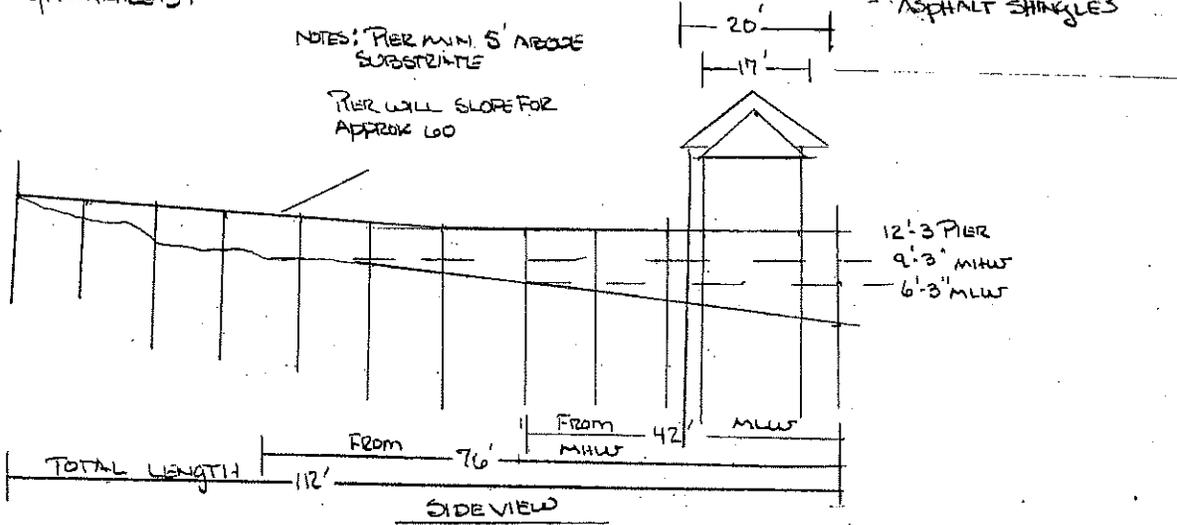
- ALL LUMBER SALT TREATED
- ALL PILES SALT TREATED
- ALL HARDWARE AND BOATLIFT GALVANIZED.

Proposed Roof:

- 50' LONG x 20' WIDE
- 7/12 PITCH
- 2x6 RAFTERS
- 1/2 Plywood SHEATHING
- ASPHALT SHINGLES

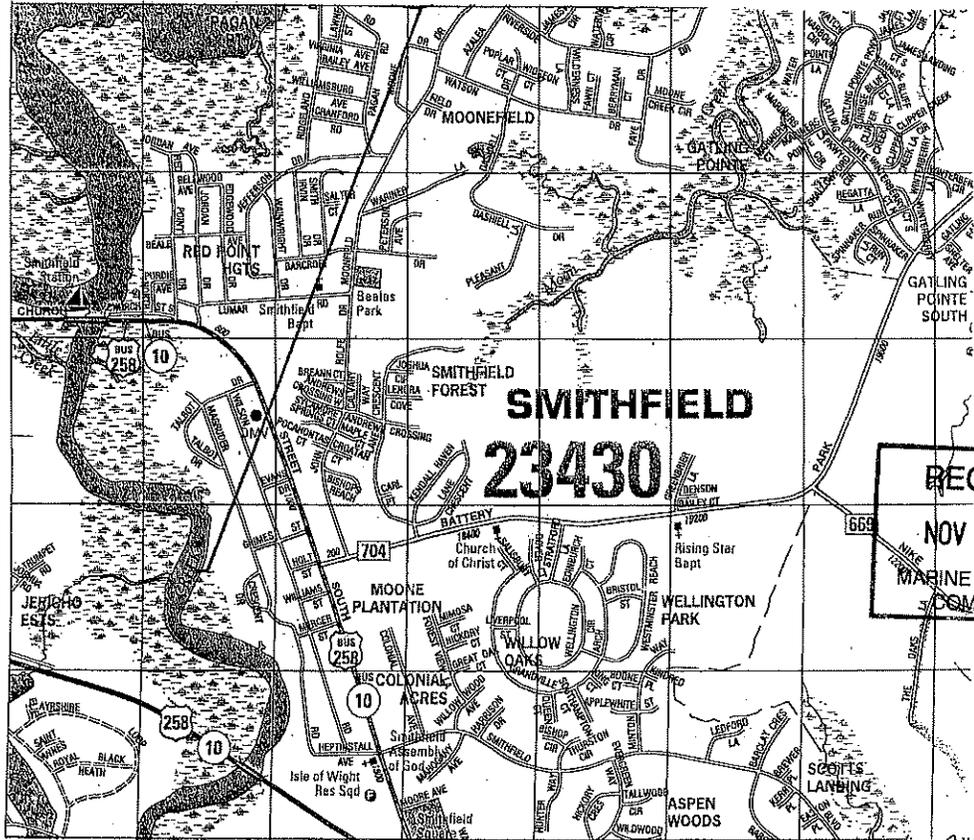
NOTES: PIER MIN 5' ABOVE SUBSTRATE

PIER WILL SLOPE FOR APPROX 60



SCALE 1/2" = 10'

* JOBSITE *



RECEIVED
NOV 28 2016
MARINE RESOURCES
COMMISSION

ATTACHMENT F

Sample Project Compliance Assessment Worksheet

VIRGINIA MARINE RESOURCES
COMMISSION
Permit Compliance
And
Inspection Program



November 2018

Virginia Marine Resources Commission Project Compliance Assessment

Print Date: Friday November 9, 2018



EST PROJECT COMPLETION: _____ PERMIT NUMBER: 20161893
PERMIT TYPE: VMRC Subaqueous INSPECTOR: _____
SITE VISIT / DATE & TIME: _____
OTHERS PRESENT: _____

1. PERMITTEE Milton Cook

2. LOCATION WATERWAY: Cypress Creek
CITY/COUNTY: Isle of Wight

3. PROJECT DESCRIPTION Boathouse/Finger Piers

4. PROJECT COMPLETED? YES NO

5. DATE OF PERMIT EXPIRATION Friday January 31st, 2020

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 2018

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Degree of Compliance	Count
In Compliance	321
Not Constructed	65
Unable to Determine	31
Moderate Compliance	9
Out of Compliance	8

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20161628	2017-10-02	Issued	Red Bank Landing Pier/Ramp	Northampton	Hank Badger	In Compliance
Applicant: Game and Inland Fisheries, Department of Comments: Hank 2 inspect						
20141489	2017-10-19	Issued	Mooring for Temporary Docks @ Fort Monroe	Hampton	Brad Reams	Not Constructed
Applicant: Hampton, City of Comments: 1 of 2 docks						
20151284	2017-10-23	Issued	Newmarket Creek Trail - Seg. 8	Hampton	Brad Reams	In Compliance
Applicant: Hampton Department of Public Works						
20141065	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	Not Constructed
Applicant: David Rogers						
20170815	2017-10-25	Issued	Floating Pier/Relocate PWC Lifts	Hampton	Brad Reams	In Compliance
Applicant: Wayne McPhail						
20141064	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	Not Constructed
Applicant: Jack Lundy						
20141231	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	Not Constructed
Applicant: James Speegle						
20140833	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	In Compliance
Applicant: Barbara Mercer						
20140834	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	In Compliance
Applicant: Dennis Koch						
20141061	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	In Compliance
Applicant: Ann Wallace						
20141232	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	In Compliance
Applicant: Horace Pratt						
20141063	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	In Compliance
Applicant: Sandra Von Schilling						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30



Print Date: Wednesday November 7 2018

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20141062	2017-10-25	Issued	Create Artificial Dune	Hampton	Brad Reams	Not Constructed
Applicant: Dorothy Wright						
20141077	2017-10-28	Issued	Bulkhead/Driveway/Single-Family Home	Hampton	Brad Reams	In Compliance
Applicant: Gregory Brezinski						
20141117	2017-10-28	Issued	Salt Ponds Public Beach Breakwater	Hampton	Brad Reams	In Compliance
Applicant: Hampton, City of						
20151175	2017-10-28	Issued	Bulkhead/Driveway over Sand Dune	Hampton	Brad Reams	In Compliance
Applicant: David Rolfe						
20161117	2017-11-01	Issued	Pier	King William	Brad Reams	Unable to Determine
Applicant: Tacoma Hunting & Fishing Club						
20160775	2017-11-02	Issued	Bulkhead/Groin	King and Queen	Brad Reams	In Compliance
Applicant: Clifton Ogg						
20161637	2017-11-02	Issued	Pier/Boathouse	King William	Brad Reams	In Compliance
Applicant: Carrol Sanders, Jr.						
20140646	2017-11-02	Issued	Boathouses	New Kent	Brad Reams	Unable to Determine
Applicant: John Britt						
Comments: gated, Randy will reinspect						
20141005	2017-11-02	Issued	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Nancy Muldowney						
20140966	2017-11-02	Issued	Pier/Ramp	Middlesex	Brad Reams	In Compliance
Applicant: James Schilthuis						
20141000	2017-11-02	Issued	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Rebecca Holland Eggleston, Trust of						
20140479	2017-11-02	Issued	Pier/2 Lifts	Middlesex	Brad Reams	Not Constructed
Applicant: Newby Mauck						
Comments: abandoned, built pier NPN						
20140914	2017-11-02	Issued	Public Pier	King and Queen	Brad Reams	In Compliance
Applicant: King and Queen County						
20140985	2017-11-02	Issued	Boathouse/Pier/Riprap/Bulkhead	New Kent	Brad Reams	In Compliance
Applicant: Jeffrey Mitchell						
20121042	2017-11-05	Issued	Ramp/Rock Sill/Living Shoreline	Gloucester	Chip Neikirk	In Compliance
Applicant: James Brooks, Jr.						
Comments: inspection given to Chip						
20100518	2017-12-01	TAFP	Maintenance Dredge	Newport News	Brad Reams	In Compliance
Applicant: Huntington Ingalls Incorporated-Newport News Shipyard						
Comments: maintenance dredge, post dredge survey 7/6/17						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20170184	2017-12-01	Issued	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Jamaica Shores Association						
20161789	2017-12-01	Issued	3 Groins/Concrete Ramp/Covered Slip	Essex	Brad Reams	Not Constructed
Applicant: John Minor, Jr.						
20170566	2017-12-01	Issued	Pier/Boathouse	New Kent	Brad Reams	In Compliance
Applicant: Jeffrey Davis						
20170618	2017-12-01	Issued	Riprap/Groins	Essex	Brad Reams	In Compliance
Applicant: Jenni Aerni						
20111170	2017-12-01	Issued	Groin/Ramp	Richmond County	Brad Reams	In Compliance
Applicant: Amy Pearsall						
20141318	2017-12-01	Issued	Groin	Essex	Brad Reams	In Compliance
Applicant: John Harvey						
20140827	2017-12-01	Issued	Remove & Replace Community Pier	Middlesex	Brad Reams	In Compliance
Applicant: Montague Island Home Owners Association						
20121378	2017-12-13	Issued	Yorktown Oil Term Proj (NAO-2000-2203)	York	Brad Reams	In Compliance
Applicant: Plains Marketing, L.P.						
20170972	2017-12-13	Issued	Boathouse/Lift/Pier	Gloucester	Brad Reams	In Compliance
Applicant: Nancy Moffitt						
20171184	2017-12-13	Issued	Riprap/Sill	Mathews	Brad Reams	In Compliance
Applicant: J. Tyler						
20141550	2017-12-13	Issued	Replace Pier/Roof	York	Brad Reams	In Compliance
Applicant: James Clayton						
20111227	2017-12-13	Issued	Commercial Pier Repairs	York	Brad Reams	In Compliance
Applicant: Plains Marketing, L.P.						
20140111	2017-12-13	Issued	Biogenic Reef	Mathews	Brad Reams	In Compliance
Applicant: Cherry Point Property Owner's, et al						
20171144	2017-12-14	Issued	Mooring piles - Dry Dock #1 Fender Project	Newport News	Brad Reams	In Compliance
Applicant: Huntington Ingalls Incorporated-Newport News Ship						
20171111	2017-12-14	Issued	Pier 8 Fender Piles	Newport News	Brad Reams	In Compliance
Applicant: Huntington Ingalls Incorporated-Newport News Ship						
20171398	2017-12-14	Issued	Moorings/Dry Dock 4 Fender Project	Newport News	Brad Reams	In Compliance
Applicant: Huntington Ingalls Incorporated-Newport News Ship						
20140510	2017-12-14	Issued	Commercial Pier/ Boathouses/Lifts/Ramp	York	Brad Reams	In Compliance
Applicant: Plains Marketing, L.P.						
Comments: much smaller footprint						
20140144	2017-12-14	Issued	Pier Extension	Mathews	Brad Reams	In Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: R. Kenny	2017-12-21	Issued	Living Shoreline	Westmoreland	Brad Reams	Moderate Compliance
Applicant: Linda LeBrun						
Comments: no plantings behind sill						
20111657	2017-12-21	Issued	James River Reserve Fleet Mooring	Newport News	Brad Reams	In Compliance
Applicant: Transportation, U.S. Dept./Maritime Administration						
20141386	2017-12-21	Issued	Commercial Aquaculture Pier	Westmoreland	Brad Reams	Out of Compliance
Applicant: Northpoint Properties, LLC						
Comments: built extra 112 sqft						
20161396	2017-12-21	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Mark Billowus						
20160920	2017-12-21	No Permit Nec	Pier/Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: James Amery						
20141424	2017-12-21	Issued	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Rachel Schrote						
20160803	2017-12-21	No Permit Nec	Remove bulkhead, install riprap, grade, fill	Westmoreland	Brad Reams	In Compliance
Applicant: William Wilson, Sr.						
20161705	2017-12-21	No Permit Nec	Beach Nourishment/Riprap	Westmoreland	Brad Reams	Unable to Determine
Applicant: Ronald Bevans						
Comments: no foot access						
20170892	2018-01-19	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Francis Thompson						
20170863	2018-01-19	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Stephen Mattheisen						
20141451	2018-01-19	Issued	Riprap, beach nourishment, fill	Lancaster	Brad Reams	In Compliance
Applicant: George Husband, Jr.						
20140889	2018-01-19	Issued	Groin	Lancaster	Brad Reams	Not Constructed
Applicant: Mildred Geisler						
20160842	2018-01-19	Issued	Breakwater/Riprap	Lancaster	Brad Reams	Not Constructed
Applicant: Mark Fonville						
20160586	2018-01-19	No Permit Nec	Lift/Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Phillip Spottswood						
20161262	2018-01-19	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Robert Cook						
20071230	2018-01-23	Issued	20 ATF 30 propose Aq Floats/10x12 floating pier	Mathews	Brad Reams	In Compliance
Applicant: Tim Hill						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30



Print Date: Wednesday November 7 2018

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Comments: 2 images 2015 GIS looks like floats all removed						
20161913	2018-01-25	Issued	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Craig Dozier						
20141319	2018-01-25	Issued	Bulkhead Repair	Essex	Brad Reams	In Compliance
Applicant: William Jones						
20171313	2018-01-25	Issued	Lift/Boathouse/ Clothesline Mooring	Essex	Brad Reams	In Compliance
Applicant: Michael Hall, Jr.						
20170135	2018-01-25	Issued	Bulkhead/Replace Pier Steps	Middlesex	Brad Reams	In Compliance
Applicant: Frank Moneyemaker						
20141769	2018-01-25	Issued	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Willis Hutchens						
20140825	2018-01-25	Issued	riprap	Middlesex	Brad Reams	In Compliance
Applicant: Betty Pruden						
20141486	2018-01-25	Issued	Riprap/Osprey Nesting Pole	Middlesex	Brad Reams	In Compliance
Applicant: Richard Urban						
20141423	2018-01-25	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Jay Williams						
20141476	2018-01-28	Issued	Osprey Nesting Platform	Middlesex	Brad Reams	In Compliance
Applicant: Gary Cook						
20141474	2018-01-31	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Bruce Gottwald						
20070153	2018-02-01	Issued	Pier/Lift addition to existing wharf	Virginia Beach	Brad Reams	Not Constructed
Applicant: Jack Drucker						
20141185	2018-02-01	Issued	Canoe/Kayak Launch and Access Pier	Norfolk	Brad Reams	In Compliance
Applicant: Collins Recap III						
20170321	2018-02-01	Issued	Bulkhead Replacement	Norfolk	Brad Reams	Unable to Determine
Applicant: Lehigh Cement Co. LLC						
20141548	2018-02-01	Issued	Spotico/Pescara Creek Culvert Replacements	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk Department of Public Works						
20140753	2018-02-01	Issued	ATF Floating Docks	Virginia Beach	Brad Reams	Unable to Determine
Applicant: Merle Gilley						
20150008	2018-02-05	Issued	Bulkhead	Virginia Beach	Justin Worrell	In Compliance
Applicant: H. Purkey						
20171024	2018-02-08	Issued	Breakwater/ATF Fill	Mathews	Brad Reams	In Compliance
Applicant: Charles Hodges						
20150873	2018-02-08	Issued	Boathouse/Bulkhead/Pier/ Ramp	James City	Brad Reams	Not Constructed

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: John Reece						
20171365	2018-02-08	Issued	Groin	Mathews	Brad Reams	In Compliance
Applicant: Reid Burford						
20141383	2018-02-08	Issued	Boathouse/Lift/Pier	Gloucester	Brad Reams	In Compliance
Applicant: John Tackley						
20141610	2018-02-08	Issued	Groin	Mathews	Brad Reams	In Compliance
Applicant: Robert Sperry						
20160170	2018-02-08	No Permit Nec	Coir Logs	Mathews	Brad Reams	In Compliance
Applicant: Godsey Homeplace, LLC						
20160540	2018-02-08	No Permit Nec	Groin Repair/Bulkhead	Mathews	Brad Reams	In Compliance
Applicant: Dorothy Spiggle						
20161568	2018-02-08	No Permit Nec	Riprap	Mathews	Brad Reams	In Compliance
Applicant: Larry Jones						
20161779	2018-02-08	No Permit Nec	Ready Reefs	Mathews	Brad Reams	In Compliance
Applicant: Mike Stevens						
20160541	2018-02-08	No Permit Nec	Riprap	Mathews	Brad Reams	In Compliance
Applicant: Teresa Raynes						
20150254	2018-02-15	Issued	Lesner Bridge Fender System	Virginia Beach	Brad Reams	In Compliance
Applicant: Virginia Beach Department of Public Works						
20101540	2018-02-15	Issued	Bulkhead/Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: James Ramsey, Jr.						
20141230	2018-02-15	Issued	Lavalette Dock/Kayak Launch	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk, City of						
20140497	2018-02-15	Issued	Oyster Reef @ Great Neck Park (Project Green Teens	Virginia Beach	Brad Reams	In Compliance
Applicant: Virginia Beach, City of						
20160658	2018-02-15	Issued	Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Robert Lincoln						
20141112	2018-02-15	Issued	Lift/Floating Dock/Pier Repair	Virginia Beach	Brad Reams	Unable to Determine
Applicant: John Hurd						
Comments: gated						
20140199	2018-02-15	Issued	Living Shoreline	Virginia Beach	Brad Reams	In Compliance
Applicant: Jay Atchison						
20141023	2018-02-15	Issued	Utility Xings (TL27)	Virginia Beach	Brad Reams	In Compliance
Applicant: Virginia Electric and Power Company						
20161860	2018-02-15	Issued	Beach Avenue Living Shoreline	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk, City of						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20171088	2018-02-15	Issued	Riprap	Virginia Beach	Brad Reams	Not Constructed
Applicant: Cecil Achord						
20140411	2018-02-15	Issued	Pier Addition/Lift	Virginia Beach	Brad Reams	Moderate Compliance
Applicant: Linda Thorp						
20061910	2018-02-21	Issued	Commercial Pier/dredging	Portsmouth	Brad Reams	Not Constructed
Applicant: H & H Enterprises, Inc.						
Comments: phone call from Scott Hodges stated the project is not completed 138' only						
ext. request received 12-13-12.						
still under construction 1-19-12. extended 3 years 12-31-09.						
20141123	2018-02-21	Issued	Lift	Portsmouth	Brad Reams	In Compliance
Applicant: Cypress Cove Pier Association						
20141555	2018-02-21	Issued	Dolphin Replacement	Richmond City	Brad Reams	In Compliance
Applicant: Luck Stone						
20130939	2018-02-21	Issued	Riprap/Living Shoreline	James City	Brad Reams	In Compliance
Applicant: Allen Harris						
20072544	2018-02-21	Issued	Boathouse/Lift/Pier/Bridge	Virginia Beach	Brad Reams	In Compliance
Applicant: Richard Rosenblum						
20141757	2018-02-22	Issued	Oyster Reef	Virginia Beach	Brad Reams	In Compliance
Applicant: Jonathan Guion						
20150092	2018-02-22	Issued	Bulkhead	Virginia Beach	Brad Reams	Unable to Determine
Applicant: Thomas Shelton						
Comments: gated						
20160626	2018-02-22	Issued	Pier/Cover existing Lift	Virginia Beach	Brad Reams	Unable to Determine
Applicant: Peter Mueller						
Comments: gated						
20171099	2018-02-22	Issued	Living Shoreline	Norfolk	Brad Reams	In Compliance
Applicant: Thomas Nicholson, III						
20140455	2018-02-22	Issued	Oyster Reef	Virginia Beach	Brad Reams	In Compliance
Applicant: Kathy Batzel						
20141793	2018-02-22	Issued	Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Lawrence Slade						
20120558	2018-03-05	Issued	Bellwood Road Marine Terminal	Chesterfield	Brad Reams	Not Constructed
Applicant: Smith Iron & Metal Co. Inc.						
Comments: not constructed per phone call to Tom Tolbert 3-5-18						
20141316	2018-03-08	Issued	Brown's Island Dam Walk	Richmond City	Brad Reams	In Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Richmond Dept of Planning & Development Review 20140779	2018-03-15	Issued	Beach Nourishment/Sill	Gloucester	Brad Reams	In Compliance
Applicant: Patsy Hall 20171136	2018-03-15	Issued	Pier	Gloucester	Brad Reams	In Compliance
Applicant: Kurt Schlimme 20151296	2018-03-15	Issued	Riprap/Living Shoreline	Gloucester	Brad Reams	Not Constructed
Applicant: William Matheson Comments: 50-66% complete 20151720	2018-03-15	Issued	Pier	Gloucester	Brad Reams	In Compliance
Applicant: Wilbur Aurand 20150436	2018-03-15	Issued	Breakwater/Riprap/Sill	Gloucester	Brad Reams	In Compliance
Applicant: Nam Vu 20151351	2018-03-15	Issued	Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant: Middle Peninsula Public Access Authority 20140450	2018-03-15	Issued	Pier/Boathouse	Gloucester	Brad Reams	In Compliance
Applicant: Michael Bradley, Jr. 20141463	2018-03-15	Issued	Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant: Carl Yutzy 20151552	2018-03-15	Issued	Pier Extension/Lift/2 PWC Lifts/Boathouse	Gloucester	Brad Reams	Not Constructed
Applicant: Danny Hunley Comments: no boathouse 20141122	2018-03-16	Issued	Add 2 Lifts/2 Finger Piers to Joint-Use Pier	Gloucester	Brad Reams	In Compliance
Applicant: Peter Lebel, Jr., et al 20120023	2018-03-21	Issued	Riprap	Poquoson	Brad Reams	In Compliance
Applicant: Michael Kleiner 20141641	2018-03-21	Issued	Pier	Gloucester	Brad Reams	In Compliance
Applicant: Hans Seywald 20170260	2018-03-21	Issued	Reconfigure Slips/9 Lifts	Gloucester	Brad Reams	In Compliance
Applicant: STV York, LLC 20150028	2018-03-21	Issued	Boathouse/Lift/Pier	Gloucester	Brad Reams	In Compliance
Applicant: Ken Mason 20150183	2018-03-21	Issued	Commercial Aquaculture	York	Brad Reams	In Compliance
Applicant: Ship Point Oyster Co. 20140132	2018-03-21	Issued	Bulkhead/Boathouse/Lift/ Pier	Gloucester	Brad Reams	In Compliance
Applicant: Leonard Miller, et al 20171513	2018-03-22	Issued	Lift	Mathews	Brad Reams	In Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Hudgins Point Estates Condominium Owners Assoc. 20141398	2018-03-22	Issued	Bulkhead/Floating Dock/ATF Wave Screen/Pier	Middlesex	Brad Reams	In Compliance
Applicant: Stingray Point Boat Works, LLC 20141824	2018-03-22	Issued	Rebuild Pier	Middlesex	Brad Reams	In Compliance
Applicant: Fishing Bay Yacht Club 20141704	2018-03-22	Issued	Riprap/Sill/Beach Nourishment	Gloucester	Brad Reams	In Compliance
Applicant: Kenneth Houtz 20171824	2018-03-22	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Pam Hauswirth 20141713	2018-03-22	Issued	Boathouse	Gloucester	Brad Reams	Not Constructed
Comments: not enclosed Applicant: David George 20111759	2018-03-29	Issued	Bulkhead/3 Finger Piers	Lancaster	Brad Reams	Not Constructed
Comments: bulkhead finished > f piers & pilings to be constructed 20161190	2018-03-29	Issued	Pier Extension	Lancaster	Brad Reams	In Compliance
Applicant: Rappahannock River Yacht Club, Inc. 20170894	2018-03-29	Issued	Riprap/Beach Nourishment	Lancaster	Brad Reams	In Compliance
Applicant: John Pettigrew 20171562	2018-03-29	Issued	Breakwater/Jetty/Pier/Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Edward Farley, IV 20171351	2018-03-29	Issued	Extend Jetty	Lancaster	Brad Reams	In Compliance
Applicant: Greenvale Creek Maintenance Association, Inc. 20161212	2018-03-29	No Permit Nec	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Dorothy Hilbush 20160737	2018-03-29	No Permit Nec	Beach Nourishment/Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Donald Johnson 20161770	2018-03-29	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Kerry C. Edwards Revoc. Declar. Trust 20160529	2018-04-12	Issued	Breakwater/Beach Nourishment/Community Pier	Northumberland	Brad Reams	In Compliance
Applicant: Potomac Bay Estates POA of Virginia, Inc. 20170995	2018-04-12	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Phillip Rouse 20150638	2018-04-12	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Richard Newton 20141751	2018-04-12	Issued	Community Pier	Northumberland	Brad Reams	In Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Knights Landing Property Owners Association						
20160068	2018-04-12	Issued	2 Groins	Northumberland	Brad Reams	In Compliance
Applicant: Preston Perrin						
20161364	2018-04-12	No Permit Nec	Pier/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Jeanne Bell						
20160588	2018-04-12	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: James Landrum						
20160601	2018-04-12	No Permit Nec	Riptsp	Northumberland	Brad Reams	In Compliance
Applicant: Jerry Patterson						
20140724	2018-04-19	Issued	Four Mile Run Tidal Restoration	Multiple Counties	Brad Reams	In Compliance
Applicant: Alexandria, City of, et al						
20161995	2018-04-23	Issued	Fishing Pier Renovation	Hampton	Brad Reams	In Compliance
Applicant: Fort Monroe Authority						
20151755	2018-04-25	Issued	Jetty	Northumberland	Brad Reams	In Compliance
Applicant: Chesapeake Beach Civic Club						
20170779	2018-04-25	Issued	2 Groins/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Thomas Willis, Jr.						
20170653	2018-04-25	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Cameron Colestock						
20171626	2018-04-25	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Jeff Davies						
20141482	2018-04-25	Issued	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Chuck Maddux						
20171498	2018-04-25	Issued	Bulkhead, remove & replace boat lift	Northumberland	Brad Reams	In Compliance
Applicant: Alice C. Sparks RL Trust						
20171432	2018-04-25	Issued	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: William Haynie						
20171408	2018-04-28	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Sandra Delano						
20121289	2018-04-30	Issued	Pier/Ramp @ Sleepy Hole Park	Suffolk	Brad Reams	In Compliance
Applicant: Suffolk Parks and Recreation						
Comments: same as permit 14-0321						
20160679	2018-05-02	Issued	Bennetts Creek Marina Rehab	Suffolk	Brad Reams	Moderate Compliance
Applicant: BC Marina, LLC						
Comments: modifications over man-made bottom						
20171035	2018-05-02	Issued	Dredge/Flexamat/Piers	Suffolk	Brad Reams	Moderate Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: BC Marina, LLC						
Comments: 4 transient slips?						
20171886	2018-05-02	Issued	Pier	Suffolk	Brad Reams	In Compliance
Applicant: Lewis Garnett						
20160111	2018-05-04	Issued	Living Shoreline	Norfolk	Brad Reams	In Compliance
Applicant: Jon Miller						
20130206	2018-05-09	Issued	Pier Repair @ Nike Park	Isle of Wight	Brad Reams	In Compliance
Applicant: Isle of Wight County General Services-Engineering						
Comments: kayak pier addition complete						
20121189	2018-05-09	Issued	Bulkhead/Dredge/Mooring Dolphins/Piers	Chesapeake	Brad Reams	In Compliance
Applicant: Coastal Precast Systems						
Comments: reinspect SPRING 2016						
20150693	2018-05-09	Issued	Maintenance and repair two dolphins, landing platf	Chesapeake	Brad Reams	In Compliance
Applicant: Roanoke Cement Company LLC						
Comments: submitted as-built drawings						
20151146	2018-05-09	Issued	Bulkhead	Norfolk	Brad Reams	Not Constructed
Applicant: Kimball Terrace LLC						
Comments: reinspect fall 2018						
20160227	2018-05-09	Issued	Living Shoreline	Norfolk	Brad Reams	Unable to Determine
Applicant: Tom Siebels						
Comments: locked gate						
20161957	2018-05-09	Issued	Concrete Pier	Norfolk	Brad Reams	Not Constructed
Applicant: Marine Oil Service						
20161474	2018-05-09	Issued	Bulkhead	Norfolk	Brad Reams	In Compliance
Applicant: Brian Benz						
20170940	2018-05-09	Issued	2 Covered Lifts	Poquoson	Brad Reams	Not Constructed
Applicant: Craig Brown						
Comments: 1 of 2 boathouses						
20170170	2018-05-09	Issued	Multi-user Lift	Norfolk	Brad Reams	Unable to Determine
Applicant: Little Bay Harbor Inc. Pier Association						
Comments: gated						
20171662	2018-05-09	Issued	Pier/Lift/Bulkhead	Poquoson	Brad Reams	In Compliance
Applicant: Robert Check						
20150404	2018-05-09	Issued	Pier/PWC Lift	Isle of Wight	Brad Reams	In Compliance
Applicant: Mike Trudeau						
20140435	2018-05-09	Issued	Pier Replacement (Gilmlerton Dock)	Chesapeake	Brad Reams	In Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Luck Stone Corporation 20171213	2018-05-09	Issued	Riprap	Poquoson	Brad Reams	In Compliance
Applicant: Alan Meetze Comments: issued TAFP resend 5-22-18	2018-05-17	Issued	Mooring Dolphins	Chesapeake	Brad Reams	In Compliance
20150481	Perdue Grain and Oilseed LLC	Issued	Villa Circle Living Shoreline	Norfolk	Brad Reams	Not Constructed
Applicant: Norfolk, City of 20161460	2018-05-17	No Permit Nec	Lift/Pier/Riprap	Norfolk	Brad Reams	Unable to Determine
Applicant: Sharon Darrell Comments: gated	2018-05-17	No Permit Nec	Oyster Castles	Norfolk	Brad Reams	In Compliance
20160981	Gary Laws	No Permit Nec	Lindenwood/Barraud Park Living Shoreline Restorati	Norfolk	Brad Reams	Not Constructed
20161328	Norfolk, City of	Issued	Boathouse, walkway	James City	Brad Reams	In Compliance
Applicant: Suzanne Mitrovic 20140524	2018-05-23	Issued	Pier	Surry	Brad Reams	Not Constructed
Applicant: Donald Padgett Comments: no boathouse	2018-05-23	Issued	Pier	Surry	Brad Reams	Out of Compliance
20150237	James Hanzlik	Issued	Pier/Boathouse	Isle of Wight	Brad Reams	Not Constructed
Applicant: Stephen Wightman Comments: extra covered slip, removed in 2017, and reinstalled 2018.	2018-05-23	Issued	Bulkhead/Riprap	James City	Brad Reams	Moderate Compliance
20141646	Agnew Swynford, III	Issued	Bulkhead/Pier/Lift/Riprap	James City	Brad Reams	In Compliance
Applicant: William Trolan Comments: subaqueous IC wetlands NC	2018-05-23	Issued	Erosion prevention	Surry	Brad Reams	Not Constructed
20170022	Donald Padgett	Issued	Dry Hydrant	Surry	Brad Reams	In Compliance
Applicant: Claremont, Town of Comments: partial wall completed	2018-05-23	Issued	Breakwater/Sill/Living Shoreline	James City	Brad Reams	Not Constructed
20150456	2018-05-23	Issued				
Applicant: Claremont, Town of Comments: partial wall completed	2018-05-23	Issued				
20150684	2018-05-23	Issued				

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Paul Reilly 20150679	2018-05-23	Issued	Riprap	James City	Brad Reams	In Compliance
Applicant: Michael O'Brien 20140483	2018-05-24	Issued	Groin	Surry	Brad Reams	In Compliance
Applicant: Corey Schultz 20170097	2018-05-24	Issued	Pier/Boathouse/Lift	Isle of Wight	Brad Reams	Unable to Determine
Applicant: Michael Myers Comments: gated 20160125	2018-05-24	No Permit Nec	Boathouse/Pier/Riprap	James City	Brad Reams	In Compliance
Applicant: Patrick Holder 20150589	2018-05-31	Issued	Pier/Boathouse/Bridge	King and Queen	Brad Reams	In Compliance
Applicant: Bruce Gottwald, Jr. Comments: 42x33 20141385	2018-06-01	Issued	Pier Extension/2 Lifts	Westmoreland	Brad Reams	In Compliance
Applicant: William Edwards 20150610	2018-06-01	Issued	Pier	Northumberland	Brad Reams	In Compliance
Applicant: Charles England 20151768	2018-06-01	Issued	2 Moorings/Osprey Nesting Platform/Sill/Riprap	King George	Brad Reams	In Compliance
Applicant: Alfred Hales 20161417	2018-06-01	Issued	Joint-Use Pier	King George	Brad Reams	In Compliance
Applicant: Laura Bellotti, et al 20161269	2018-06-01	Issued	Pier/2 Lifts/Covered Slip	King George	Brad Reams	In Compliance
Applicant: James Burns 20160582	2018-06-01	Issued	Ramp/Riprap/Dredge (Castlewood Park)	Westmoreland	Brad Reams	In Compliance
Applicant: Colonial Beach, Town of 20171914	2018-06-01	Issued	Pier addition	Westmoreland	Brad Reams	In Compliance
Applicant: Colonial Beach, Town of 20171836	2018-06-01	Issued	Community Ramp @ Machodoc Creek Marina	King George	Brad Reams	In Compliance
Applicant: Stonehill Asset Management 20161323	2018-06-01	Issued	Grading, revetment, groins	King George	Brad Reams	Out of Compliance
Applicant: Charles Pearson Comments: TAFP project complete 20161322	2018-06-01	No Permit Nec	Remove & replace rip rap, construct pier, L-head,	King George	Brad Reams	Out of Compliance
Applicant: Charles Pearson Comments: stone groin not permitted 20141830	2018-06-01	Issued	Groin/Pier/Riprap	King George	Brad Reams	In Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7, 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Matthew Calvin, Jr. 20160801	2018-06-07	Issued	Structure 224/58 Foundation Repair	Essex	Brad Reams	Unable to Determine
Applicant: Virginia Electric and Power Company Comments: private road gated	2018-06-07	Issued	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Robert Watkins 20141671	2018-06-07	Issued	Marsh Toe Stabilization	Westmoreland	Brad Reams	In Compliance
Applicant: Kevin Schwartz 20171518	2018-06-07	Issued	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Jeffery Barker 20172016	2018-06-07	Issued	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Billy Wilson, Jr. 20141729	2018-06-07	Issued	Pier/2 Lifts/Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Wayland Carter 20141445	2018-06-07	Issued	Commercial Pier/Bulkhead	Westmoreland	Brad Reams	In Compliance
Applicant: Kenneth Payne Comments: 90% complete. 6 mooring piles remain	2018-06-07	Issued	Community Pier	Richmond County	Brad Reams	Not Constructed
Applicant: Richard Sanford 20171170	2018-06-08	Issued	Pier Extension/Lift	Richmond County	Brad Reams	In Compliance
Applicant: Herbert Waterfield 20080696	2018-06-14	Issued	To replace existing wharf and 10 slips	Middlesex	Brad Reams	Not Constructed
Applicant: Coastal Marine, Inc. 20170445	2018-06-14	Issued	Floating Docks/Replace Fixed Docks/Bulkhead	Middlesex	Brad Reams	Not Constructed
Applicant: Urbanna Port Marina 20170353	2018-06-14	Issued	Groin	Middlesex	Brad Reams	In Compliance
Applicant: Harris Point LLC 20170665	2018-06-14	Issued	Finger Piers/Pier/Dredge	Middlesex	Brad Reams	In Compliance
Applicant: Fishing Bay Yacht Club 20150483	2018-06-14	Issued	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: David Lee 20161644	2018-06-14	Issued	Lift/Pier/3 Groins/Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Jennifer Huval 20150303	2018-06-14	Issued	Bio-Logs/Beach Nourishment	Middlesex	Brad Reams	Unable to Determine
Applicant: Urbanna, Town of Comments: high tide	2018-06-14	Issued				

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30



Print Date: Wednesday November 7 2018

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20171018	2018-06-14	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Lewis Hall						
20180486	2018-06-14	Issued	Bulkhead	Middlesex	Brad Reams	Unable to Determine
Applicant: Urbanna Port Marina LLC						
20160033	2018-06-14	No Permit Nec	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Paul Nunnally						
20161686	2018-06-14	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Andrew Wiederhorn						
20161668	2018-06-14	Issued	Groin/Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Brenda Proffitt						
20160705	2018-06-14	No Permit Nec	Pier/Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Andrew Anderson						
20161087	2018-06-14	No Permit Nec	Riprap	Middlesex	Brad Reams	Not Constructed
Applicant: William Smith						
20150218	2018-06-20	Issued	Biogenic reefs	Mathews	Brad Reams	In Compliance
Applicant: Ron Lambert						
Comments: high tide unable to get good pictures						
20150096	2018-06-20	Issued	Pier	Mathews	Brad Reams	Not Constructed
Applicant: LaDonna Crain						
Comments: new property owner						
20111129	2018-06-20	Issued	Riprap/Marsh Toe Sill/Pier	Mathews	Brad Reams	In Compliance
Applicant: Francis Ryan						
20160740	2018-06-20	No Permit Nec	Pier/Riprap	Mathews	Brad Reams	In Compliance
Applicant: Peter DeLisle						
20161109	2018-06-20	No Permit Nec	Shoreline Stabilization	Mathews	Brad Reams	In Compliance
Applicant: Rick Shaheen						
20160028	2018-06-20	No Permit Nec	Erosion control wall	Mathews	Brad Reams	In Compliance
Applicant: Hank Furniss						
20160524	2018-06-20	No Permit Nec	Riprap/Sill	Gloucester	Brad Reams	Unable to Determine
Applicant: Chris Chapman						
Comments: gated						
20180030	2018-06-20	Issued	Living shoreline	Gloucester	Brad Reams	In Compliance
Applicant: Charles Lanning						
20161914	2018-06-22	Issued	Riprap	Lancaster	Brad Reams	Unable to Determine
Applicant: James Bennett						
Comments: waiting on more information						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20141809	2018-06-22	Issued	Groins/Riprap/Beach Nourishment	Lancaster	Brad Reams	Not Constructed
Applicant: Michael Tempest						
20160432	2018-06-22	Issued	Living Shoreline	Lancaster	Brad Reams	In Compliance
Applicant: Virginia Herbermann						
20150072	2018-06-22	Issued	3 Breakwaters	Lancaster	Brad Reams	In Compliance
Applicant: Donald McGonegal						
20161631	2018-06-22	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Frank Gray						
20160609	2018-06-22	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Raymond Webb, Jr.						
20160366	2018-06-22	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Robert Poole						
20160091	2018-06-22	No Permit Nec	Riprap	Lancaster	Brad Reams	Unable to Determine
Applicant: Martha Peterson						
Comments: gated						
20171940	2018-06-22	Issued	Breakwater/Pier/Riprap/ Lift	Lancaster	Brad Reams	Not Constructed
Applicant: Philip Roper, III						
20161004	2018-06-22	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Lawrence Elston						
20160063	2018-06-22	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Reginald Ray						
20161851	2018-06-22	No Permit Nec	Bulkhead	Northumberland	Brad Reams	Not Constructed
Applicant: Ronald Young						
Comments: frame for bulkhead no vinyl wall						
20150492	2018-06-25	Issued	Hydrilla Removal	Stafford	Brad Reams	In Compliance
Applicant: Karen Barth						
20171186	2018-06-27	Issued	Riprap/Breakwater	Northumberland	Brad Reams	Not Constructed
Applicant: Canaan Farm, LLC, et al						
Comments: 2 o 3 BW constructed						
20180082	2018-06-27	Issued	Riprap/Spur	Northumberland	Brad Reams	In Compliance
Applicant: Barry Martin						
20141189	2018-06-27	Issued	Marsh Sill	Northumberland	Brad Reams	Not Constructed
Applicant: Jon Hill						
20160409	2018-06-27	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Nina Bhat						
20160837	2018-06-27	No Permit Nec	Bulkhead	Northumberland	Brad Reams	Not Constructed

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Gerald Irvin						
20140137	2018-06-27	Issued	Pier	Northumberland	Brad Reams	Not Constructed
Applicant: Suzanne Rice						
20160211	2018-06-27	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Sandra Brisentine						
20151616	2018-07-12	Issued	Breakwater/Riprap/Beach Nourishment/Pier	Newport News	Brad Reams	In Compliance
Applicant: Jawwad Kahn, et al						
Comments: gated nobody home						
20170304	2018-07-12	Issued	Community Pier @ Fort Monroe	Hampton	Brad Reams	In Compliance
Applicant: Hampton, City of						
20171671	2018-07-12	Issued	Breakwaters/Riprap	Newport News	Brad Reams	In Compliance
Applicant: Mark Tysinger						
20172026	2018-07-12	Issued	Floating Pier	Hampton	Brad Reams	In Compliance
Applicant: Georgetown Condominium Association						
20150391	2018-07-12	Issued	Pier/Lift	York	Brad Reams	In Compliance
Applicant: Stuart Johnson						
20161200	2018-07-12	Issued	Breakwater/Beach Nourishment	Hampton	Brad Reams	Not Constructed
Applicant: Chesapeake Landing Home Owners Assn.						
20160921	2018-07-12	Issued	Coir Logs	York	Brad Reams	Unable to Determine
Applicant: Wayne Drewry						
Comments: gated						
20140997	2018-07-12	Issued	Pier Addition	York	Brad Reams	In Compliance
Applicant: James Speeple, Jr.						
20161495	2018-07-12	No Permit Nec	Outfall (Hunts Cove subdivision)	Hampton	Brad Reams	Not Constructed
Applicant: Patrick's Creek Estates, LLC						
Comments: 1 of 2 outfalls complete						
20160239	2018-07-12	No Permit Nec	Riprap	Hampton	Brad Reams	In Compliance
Applicant: James Puffenberger						
20111846	2018-07-12	Issued	Replace bridge over Salters Creek @ Bridge St	Hampton	Brad Reams	In Compliance
Applicant: Hampton Department of Public Works						
20150907	2018-07-18	Issued	9 Slips/Finger Piers	Accomack County	Brad Reams	In Compliance
Applicant: Carlton Mason						
20141256	2018-07-18	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Stuart Wood						
20141257	2018-07-18	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: John Carr						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30



Print Date: Wednesday November 7 2018

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20141574	2018-07-18	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Garey Cropper						
20141564	2018-07-18	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Henry Nixon						
20171717	2018-07-18	Issued	Wave-Break Structure/Fill	Accomack County	Brad Reams	Not Constructed
Applicant: Harvey Muller, et al						
20150716	2018-07-18	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Joseph Burns						
20161803	2018-07-18	No Permit Nec	Bulkhead	Accomack County	Brad Reams	Moderate Compliance
Applicant: Allen Quillen						
20150550	2018-07-18	Issued	Bulkhead Repair/Pier	Accomack County	Brad Reams	In Compliance
Applicant: David Broughton						
20161733	2018-07-18	No Permit Nec	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: James Moton						
20141180	2018-07-18	Issued	13 Lifts	Accomack County	Brad Reams	Not Constructed
Applicant: Sunset Bay LLC						
20150003	2018-07-18	Issued	Community Pier/Fill/Bulkhead	Accomack County	Brad Reams	Not Constructed
Applicant: Chincoteague Hotel LC						
20161622	2018-07-18	No Permit Nec	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Barry Fisher						
20150858	2018-07-19	No Permit Nec	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Bruce Iseman						
20170418	2018-07-19	Issued	Saxis Fishing Pier	Accomack County	Brad Reams	Not Constructed
Applicant: Saxis, Town of						
20141776	2018-07-19	Issued	Harborton Wharf Improvements	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20171598	2018-07-19	Issued	Bulkhead	Accomack County	Brad Reams	Unable to Determine
Applicant: Paula Bannon						
Comments: gated						
20171268	2018-07-19	Issued	Concrete Ramp	Accomack County	Brad Reams	In Compliance
Applicant: Angelo Spagnuolo						
20140218	2018-07-19	Issued	Community Pier Addition	Accomack County	Brad Reams	Out of Compliance
Applicant: Tall Pines Campground						
Comments: floating dock 8x21 not permitted						
20150667	2018-07-19	Issued	Bulkhead/Riprap	Accomack County	Brad Reams	In Compliance
Applicant: Linda Mormile						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20170284	2018-07-28	Issued	Intake/Outfall/Riprap	Northampton	Hank Badger	Moderate Compliance
Applicant: Bagwell Enterprises						
Comments: Hank to inspect						
20180344	2018-07-28	Issued	Mooring buoy	Northampton	Hank Badger	In Compliance
Applicant: John Coker						
20120725	2018-07-31	Issued	Pier w/ L-head	Poquoson	Brad Reams	Not Constructed
Applicant: Kevin Pankoke						
Comments: gravel ramp / short jetty's 25% completed						
20171100	2018-07-31	Issued	Floating Pier	Poquoson	Brad Reams	In Compliance
Applicant: Doug Campbell						
20161915	2018-08-02	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant: Winston Dowell, Jr.						
20150891	2018-08-02	Issued	Breakwater/Riprap	James City	Brad Reams	In Compliance
Applicant: Robert Dively, et al						
20160127	2018-08-02	No Permit Nec	Bulkhead/Pier	Gloucester	Brad Reams	In Compliance
Applicant: Pam Spence						
20161450	2018-08-02	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant: George Foster, Jr.						
20161419	2018-08-02	No Permit Nec	pIER	Gloucester	Brad Reams	In Compliance
Applicant: James Gardner						
20161682	2018-08-02	No Permit Nec	Concrete Ramp	Gloucester	Brad Reams	Not Constructed
Applicant: Shirley Johnston						
20160004	2018-08-02	No Permit Nec	Marsh toe stabilization	Gloucester	Brad Reams	Moderate Compliance
Applicant: Roger East						
Comments: no mow zone						
20180592	2018-08-08	Issued	Oyster Castles/Living Shoreline	Accomack County	Brad Reams	Unable to Determine
Applicant: Paul Jacobs						
Comments: gated						
20140979	2018-08-08	Issued	Breakwater/Pier	Accomack County	Brad Reams	In Compliance
Applicant: Cedar View Beach Association						
20170293	2018-08-08	No Permit Nec	Roped Piling (for no vehicular access)	Accomack County	Brad Reams	In Compliance
Applicant: Accomack, County of						
20161052	2018-08-08	No Permit Nec	Riprap	Accomack County	Brad Reams	In Compliance
Applicant: Arthur Grothouse, Sr.						
20161074	2018-08-08	No Permit Nec	Riprap	Accomack County	Brad Reams	In Compliance
Applicant: Stephen Maillette						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20161063	2018-08-08	No Permit Nec	Riprap	Accomack County	Brad Reams	In Compliance
Applicant: Mark Dennin						
20180386	2018-08-13	Issued	Yorktown Pipeline Repair	York	Randy Owen	In Compliance
Applicant: Plains Marketing, L.P.						
Comments: Project was inspected by Allison Norris and determined to be in compliance						
20060326	2018-08-16	Issued	151 Floating Slips/Riprap (Rocketts Lndg Marina)	Multiple Counties	Brad Reams	Not Constructed
Applicant: Rocketts Landing						
Comments: 500' remaining to build, riprap also not finished						
20151522	2018-08-16	Issued	Boathouse/Lift/Pier	James City	Brad Reams	In Compliance
Applicant: Walter Mowry						
20160322	2018-08-16	No Permit Nec	Riprap	Charles City	Brad Reams	In Compliance
Applicant: Helen Graves, et al						
20130043	2018-08-16	Issued	Remove L-head/install deck/boatslips/catwalks	James City	Brad Reams	Not Constructed
Applicant: Toano Well and Pump Service						
20140538	2018-08-16	Issued	Dredge	Charles City	Brad Reams	In Compliance
Applicant: Game and Inland Fisheries, Department of						
20150806	2018-08-16	Issued	Moorings	Northampton	Brad Reams	In Compliance
Applicant: Bowdoin Lusk						
20150275	2018-08-18	Issued	Intermediate Terminal Dock Repair	Richmond City	Brad Reams	In Compliance
Applicant: Richmond Department of Public Works						
20131906	2018-08-18	Issued	Virginia Capital Trail Segment III	Richmond City	Brad Reams	In Compliance
Applicant: Richmond, City of						
20170631	2018-08-22	Issued	Mooring Dolphin	Norfolk	Brad Reams	In Compliance
Applicant: Kinder Morgan Liquid Terminals						
20180288	2018-08-22	Issued	Oyster Castles/Living Shoreline	Chesapeake	Brad Reams	Unable to Determine
Applicant: Rivercrest Place HOA						
Comments: unable to view from shore distance						
20150622	2018-08-22	Issued	Pier/Bulkhead	Norfolk	Brad Reams	In Compliance
Applicant: Mary Mason						
20141604	2018-08-22	Issued	Covered Lifts	Chesapeake	Brad Reams	In Compliance
Applicant: Jeffrey Paxton						
Comments: old revetment pre-2005						
20160189	2018-08-22	No Permit Nec	Bulkhead	Portsmouth	Brad Reams	In Compliance
Applicant: George Watkins						
20161265	2018-08-22	No Permit Nec	Boathouse/Lift/Pier/Riprap	Suffolk	Brad Reams	In Compliance
Applicant: Raymond Faircloth						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30



Print Date: Wednesday November 7 2018

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20160627	2018-08-22	No Permit Nec	Bulkhead/Pier	Portsmouth	Brad Reams	Unable to Determine
Applicant: William Hargrove						
Comments: gated						
20150950	2018-08-22	Issued	Riprap	Chesapeake	Brad Reams	In Compliance
Applicant: Lillian Everett						
20161844	2018-08-22	No Permit Nec	Sill/Living Shoreline	Norfolk	Brad Reams	Not Constructed
Applicant: Benjamin Foster						
Comments: half complete						
20161222	2018-08-22	No Permit Nec	Riprap/Living Shoreline	Norfolk	Brad Reams	In Compliance
Applicant: Susan Wheeler						
20161611	2018-08-23	No Permit Nec	Riprap	York	Brad Reams	In Compliance
Applicant: Linda Yansky						
20160029	2018-08-23	No Permit Nec	Raprap	York	Brad Reams	In Compliance
Applicant: David Westcott						
20161802	2018-08-23	No Permit Nec	Riprap	York	Brad Reams	In Compliance
Applicant: Gerry Smith						
Comments: sand nourishment /?						
20160553	2018-08-23	No Permit Nec	Riprap	York	Brad Reams	In Compliance
Applicant: W. Cuddlhy						
20161570	2018-08-23	No Permit Nec	Pier/Riprap	York	Brad Reams	Unable to Determine
Applicant: Chester Wishon						
Comments: gated						
20171410	2018-08-30	Issued	Pier	Westmoreland	Brad Reams	In Compliance
Applicant: Colonial Beach, Town of						
20180591	2018-08-30	Issued	Pier	Westmoreland	Brad Reams	Moderate Compliance
Applicant: Colonial Beach, Town of						
Comments: hammock overhang						
20150870	2018-08-30	Issued	Community Pier	Westmoreland	Brad Reams	In Compliance
Applicant: St. John's Condominiums Home Owners Association						
20150836	2018-08-30	Issued	Lift/Enlarge Pier	Westmoreland	Brad Reams	In Compliance
Applicant: Colonial Beach, Town of						
20180591	2018-08-30	Issued	Pier	Westmoreland	Brad Reams	Out of Compliance
Applicant: Colonial Beach, Town of						
Comments: 2 boat houses? not approved						
20160581	2018-08-30	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: William Horn						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20161556	2018-08-30	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Stuart Saunders, Jr.						
20160945	2018-08-30	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Louis Kemp						
20161786	2018-08-30	Issued	Pier/Groins/Jetty	Westmoreland	Brad Reams	Not Constructed
Applicant: Warner Shorter						
20161785	2018-08-30	Issued	Groin	Westmoreland	Brad Reams	Not Constructed
Applicant: Frank Cassese						
20161701	2018-08-30	No Permit Nec	Dock	Westmoreland	Brad Reams	In Compliance
Applicant: Gregory Hrin						
20150401	2018-08-30	Issued	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Roger Flynn, Jr.						
20161701	2018-08-30	No Permit Nec	Dock	Westmoreland	Brad Reams	In Compliance
Applicant: Gregory Hrin						
20171287	2018-08-30	Issued	Pier	Westmoreland	Brad Reams	Out of Compliance
Applicant: Dean Williams						
Comments: pier & boathouse alignment						
20161599	2018-09-01	Issued	Bulkhead extension	Essex	Brad Reams	In Compliance
Applicant: Spencer Weiss						
Comments: bulkhead only						
20180033	2018-09-07	Issued	Pier/Lift/Riprap/Flex-A-Revetment	Virginia Beach	Brad Reams	In Compliance
Applicant: Anthony Disilvestro						
20180614	2018-09-07	Issued	Lift	Virginia Beach	Brad Reams	In Compliance
Applicant: Charles O'Brien						
20131675	2018-09-07	Issued	Pier/Lift/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Richard Dickens						
20160248	2018-09-07	No Permit Nec	Remove & replace bulkhead, reconstruct boat ramp,	Virginia Beach	Brad Reams	Not Constructed
Applicant: St. Martin, LLC						
20161930	2018-09-07	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	Unable to Determine
Applicant: Vasanthakumar Hathwar						
Comments: gated						
20160703	2018-09-07	Issued	Coir Logs/Living Shoreline	Virginia Beach	Brad Reams	In Compliance
Applicant: Bruce Bradley						
20160699	2018-09-07	Issued	Pier/Lift/Living Shoreline	Virginia Beach	Brad Reams	Not Constructed
Applicant: Travis Provost						
20150024	2018-09-07	Issued	Oyster Reef	Virginia Beach	Brad Reams	Unable to Determine

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Arthur Sandler Comments: high tide						
20162015	2018-09-07	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	Not Constructed
Applicant: Robert Oliver Comments: half complete						
20161344	2018-09-07	No Permit Nec	Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: James Flynn						
20161332	2018-09-07	No Permit Nec	Boathouse/Bulkhead/Lift/ Pier	Virginia Beach	Brad Reams	In Compliance
Applicant: Edward Augustine						
20161522	2018-09-07	No Permit Nec	Riprap, marsh sill, pier, floating dock	Virginia Beach	Brad Reams	In Compliance
Applicant: John Feigenbaum						
20160120	2018-09-07	No Permit Nec	Riprap, pier, float & boatlift	Virginia Beach	Brad Reams	In Compliance
Applicant: Rod Rogge						
20160457	2018-09-07	No Permit Nec	Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Jim Conway						
20141520	2018-09-07	Issued	Breakwater	Virginia Beach	Brad Reams	Not Constructed
Applicant: Eric Olson						
20161950	2018-09-07	No Permit Nec	Bulkhead/Pier/Lift	Virginia Beach	Brad Reams	In Compliance
Applicant: Deepak Talreja						
20170134	2018-09-11	Issued	Groins	Middlesex	Brad Reams	In Compliance
Applicant: Mill Creek Harbor Association						
20171492	2018-09-11	Issued	Beach Nourishment	Middlesex	Brad Reams	Unable to Determine
Applicant: C. Nelson Comments: very high tide						
20180026	2018-09-11	Issued	Breakwater, raise jetty	Middlesex	Brad Reams	In Compliance
Applicant: David Rennolds						
20180752	2018-09-11	Issued	Mooring/Osprey Nesting Platform	Mathews	Brad Reams	In Compliance
Applicant: Wayne Turner						
20150824	2018-09-11	Issued	Sill	Middlesex	Brad Reams	In Compliance
Applicant: Marshall Terry						
20150645	2018-09-11	Issued	Groin	Middlesex	Brad Reams	In Compliance
Applicant: Harold Moore						
20150668	2018-09-11	Issued	Pier/Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Christine Major						
20180165	2018-09-11	Issued	Commercial Upwellers	Middlesex	Brad Reams	In Compliance
Applicant: Chesapeake Bay Oyster Company, LLC						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30



Print Date: Wednesday November 7 2018

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20180090	2018-09-11	Issued	Pier/Lift	Middlesex	Brad Reams	In Compliance
Applicant: Chad Ritenour						
20180824	2018-09-11	Issued	Water Current Measurement Buoy	Cape Charles	Brad Reams	In Compliance
Applicant: National Oceanic and Atmospheric Administration						
Comments: buoy recovered						
20161281	2018-09-11	No Permit Nec	Bulkhead	Essex	Brad Reams	In Compliance
Applicant: James Shannon						
20162025	2018-09-11	Issued	Groin/Lift/Pier Extension	Middlesex	Brad Reams	In Compliance
Applicant: John Elkin						
20141161	2018-09-12	Issued	Community Pier	Mathews	Brad Reams	In Compliance
Applicant: Mathews Land Conservancy						
20171594	2018-09-12	Issued	Marsh Sill	Mathews	Brad Reams	Not Constructed
Applicant: Lewis Hubbard						
Comments: 1/4 complete						
20140802	2018-09-12	Issued	Community Pier	Mathews	Brad Reams	In Compliance
Applicant: Gwynn's Island Estates Property Owners Assoc.						
20180522	2018-09-12	Issued	Breakwater/Riprap	Mathews	Brad Reams	Unable to Determine
Applicant: Gwynn's Island RV Resort						
Comments: wrong 911 address						
20121539	2018-09-12	Issued	Crew Facility/Piers/Bulkhd/Riprap @ Williams Wharf	Mathews	Brad Reams	Not Constructed
Applicant: Mathews Land Conservancy						
Comments: half complete						
20150095	2018-09-12	Issued	Bulkhead	Mathews	Brad Reams	In Compliance
Applicant: Mathews Land Conservancy						
20160018	2018-09-19	Issued	Groin/Riprap	Richmond County	Brad Reams	In Compliance
Applicant: Anne Warner						
Comments: VGP2						
20161754	2018-09-19	Issued	2 Groins/Pier/Lift/Beach Nourishment	Richmond County	Brad Reams	Not Constructed
Applicant: Shannon Conner						
Comments: half complete						
20171462	2018-09-19	Issued	Pier/Riprap	Richmond County	Brad Reams	In Compliance
Applicant: Charles Metzgar						
20170976	2018-09-19	Issued	Bulkhead/ 3 Groins	Richmond County	Brad Reams	In Compliance
Applicant: Richard Berrey						
20180231	2018-09-19	Issued	Community Floating Docks	Lancaster	Brad Reams	In Compliance
Applicant: Yankee Point Sailboat Marina, Inc.						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30



Print Date: Wednesday November 7 2018

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20171802	2018-09-19	Issued	Boathouse/Pier	Lancaster	Brad Reams	Unable to Determine
Applicant: Malcolm Runyon, III						
Comments: gated						
20151023	2018-09-19	Issued	Groin	Richmond County	Brad Reams	In Compliance
Applicant: Ray Poston						
20151135	2018-09-19	Issued	Groin Repair/Spur	Richmond County	Brad Reams	In Compliance
Applicant: Robert Mallory, Jr.						
20150741	2018-09-19	Issued	Jetty	Richmond County	Brad Reams	In Compliance
Applicant: Eleanor Davenport						
20160449	2018-09-19	Issued	Jetty	Richmond County	Brad Reams	In Compliance
Applicant: Eleanor Davenport						
20150476	2018-09-19	Issued	Farnham Landing Pier/Ramp/Riprap	Richmond County	Brad Reams	In Compliance
Applicant: Richmond County Bd of Sup						
Comments: no floating dock, larger L-head						
20160138	2018-09-19	No Permit Nec	Riprap	Richmond County	Brad Reams	In Compliance
Applicant: James Lehman						
20140431	2018-09-19	Issued	Breakwater/Living Shoreline	Richmond County	Brad Reams	In Compliance
Applicant: Tommy Burke						
20160718	2018-09-19	No Permit Nec	Pier/Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Maurice Chesley						
20161972	2018-09-19	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Barry Kelley						
20150757	2018-09-19	Issued	Bulkhead/Pier/Riprap	Lancaster	Brad Reams	Not Constructed
Applicant: Peter Baron, II						
20161874	2018-09-23	No Permit Nec	2 Groins/Platform at existing Pier	Middlesex	Brad Reams	Not Constructed
Applicant: Pamela West						
Comments: half complete						
20161293	2018-09-23	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: David Huff						
20151004	2018-09-23	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: H. Murray						
20180797	2018-09-23	Issued	Commercial Pier/Upweller	Middlesex	Brad Reams	In Compliance
Applicant: Jimmy Meredith						
20160711	2018-09-23	No Permit Nec	Pier/Lift/Ramp/Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Jimmy Meredith						
20161666	2018-09-23	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Danny Johnson 20161426	2018-09-23	No Permit Nec	Marsh Sill	Middlesex	Brad Reams	Not Constructed
Applicant: Thomas Lindley 20161938	2018-09-23	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: James Tyson 20160294	2018-09-23	No Permit Nec	Living Shoreline	Middlesex	Brad Reams	Not Constructed
Applicant: Dennis Motisko 20160293	2018-09-23	No Permit Nec	Replace bulkhead	Gloucester	Brad Reams	Not Constructed
Applicant: Joseph Lening 20160454	2018-09-23	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant: Ronald Duke 20161251	2018-09-23	No Permit Nec	Marsh toe revetment	Gloucester	Brad Reams	In Compliance
Applicant: John Hogg 20161294	2018-09-23	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: James Traylor 20160557	2018-09-26	No Permit Nec	Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: William Morris 20161769	2018-09-26	No Permit Nec	Pier/Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant: Moira Culp, et al 20161901	2018-09-26	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant: Christopher Armao 20161499	2018-09-26	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	Unable to Determine
Applicant: MaryAnn Hendrickson, et al Comments: gated						
20161819	2018-09-26	No Permit Nec	Bulkhead/Lift/Pier	Virginia Beach	Brad Reams	In Compliance
Applicant: C. Whitley 20160528	2018-09-26	No Permit Nec	Pier	Virginia Beach	Brad Reams	In Compliance
Applicant: Paul Banning 20162011	2018-09-26	No Permit Nec	Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: John Mackay, Jr. 20161959	2018-09-26	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant: John Miller, III 20160463	2018-09-26	No Permit Nec	Pier, slip, bulkhead, relocate riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Kenneth Calise 20161719	2018-09-26	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	Unable to Determine
Applicant: James Whit						

Virginia Marine Resources Commission Compliance Inspection Summary 2017-10-01 Through 2018-09-30

Print Date: Wednesday November 7 2018



Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Comments: gated						
20161494	2018-09-26	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant: Sunset Virginia Properties, LLC						
20160987	2018-09-26	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Richard Loving						
20160986	2018-09-26	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Michael Craddock						
20150795	2018-09-27	Issued	Osprey Nesting Platform	Northumberland	Brad Reams	In Compliance
Applicant: Joanne Evans						
20180563	2018-09-27	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: James Davis						
20160115	2018-09-27	No Permit Nec	Retaining wall	Northumberland	Brad Reams	In Compliance
Applicant: John Rider						
20160260	2018-09-27	No Permit Nec	Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Theodore Taylor						
20160768	2018-09-27	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Jennings Family Limited Partnership						
20150089	2018-09-27	Issued	Osprey Nesting Pole	Northumberland	Brad Reams	In Compliance
Applicant: Hugh Steiner						
20160059	2018-09-27	No Permit Nec	Bulkhead/Pier Extension	Northumberland	Brad Reams	Not Constructed
Applicant: Washington Auto Club, Inc.						
20160204	2018-09-27	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Mark O'Brien						
20161824	2018-09-27	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Ellen Seymour						
20170111	2018-09-27	Pending	Stone Ramp	Northumberland	Brad Reams	Out of Compliance
Applicant: James Gianiny						
Comments: pending file to be finalized						
20160890	2018-09-27	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: James Gianiny, Jr.						
20161842	2018-09-27	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: T. Walker						