VIRGINIA MARINE RESOURCES COMMISSION

Permit Compliance
And
Inspection Program

Final Report
CZM Grant # NA19NOS4190163 Task #4
November 2020

This project was funded, in part, by the Virginia Coastal Zone Management Program at the Department of Environmental Quality through Grant # NA19NOS4190163, of the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, under the Coastal Zone Management Act of 1972, as amended.

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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.

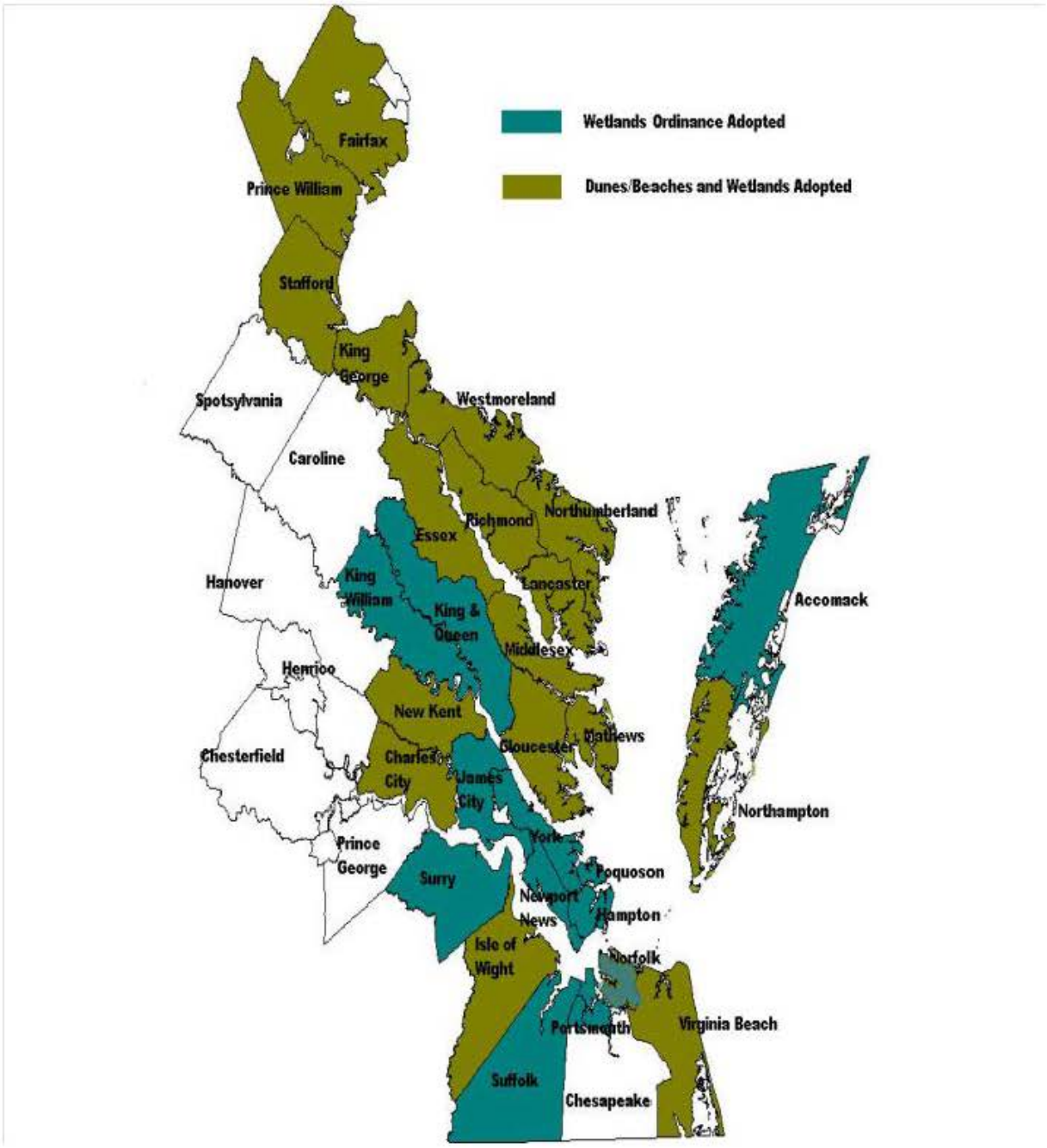

Figure 1. Tidewater Virginia Localities

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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 2018. The latter was designed as a follow up to the previous compliance inspections conducted for projects permitted from 1989 through 2017.

This document is intended to serve as the final report for Task 4 of Grant No. NA19NOS4190163 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 382 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 2018 in order to gauge compliance with wetland board permits and to add the data to that collected for projects permitted from 1989 through 2017.

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 90% of the projects were found to be in compliance, only 5% of the projects were found to be out of compliance. The remainder were either in moderate compliance (2%), or were not constructed. Although compliance could not be determined for 2% of the projects, inspections in these cases did not indicate there were any permit violations.

Table 1 reflects the number of randomly selected projects reviewed in each locality for permits issued since 1989. Thirty-three localities were represented over the eighteen-year period. Results reported through 1992 include projects involving both wetlands and State-owned subaqueous lands. The yearly results for 1989 through 2018 are shown in Table 2 and in Figures 3 through 32 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.

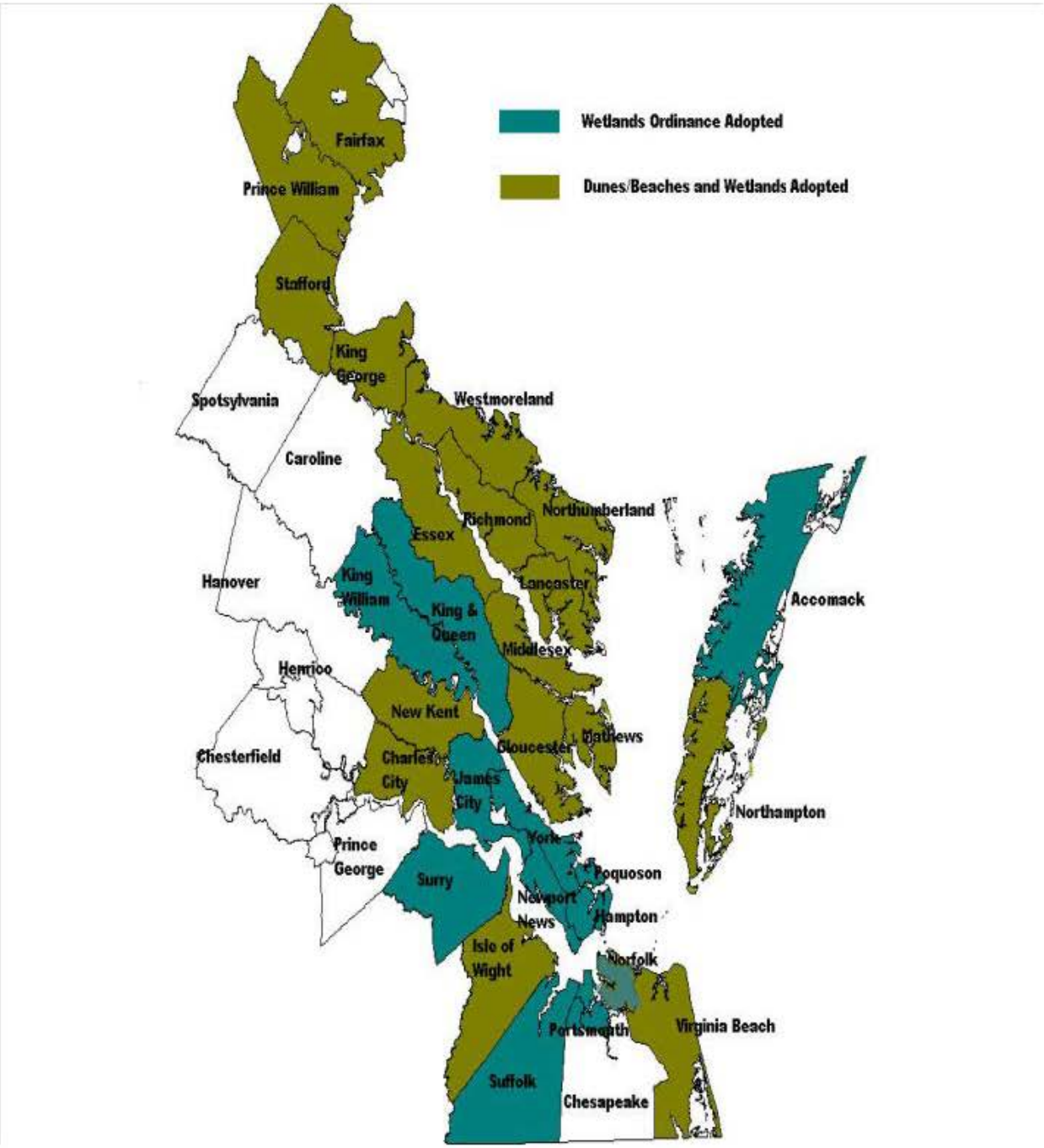
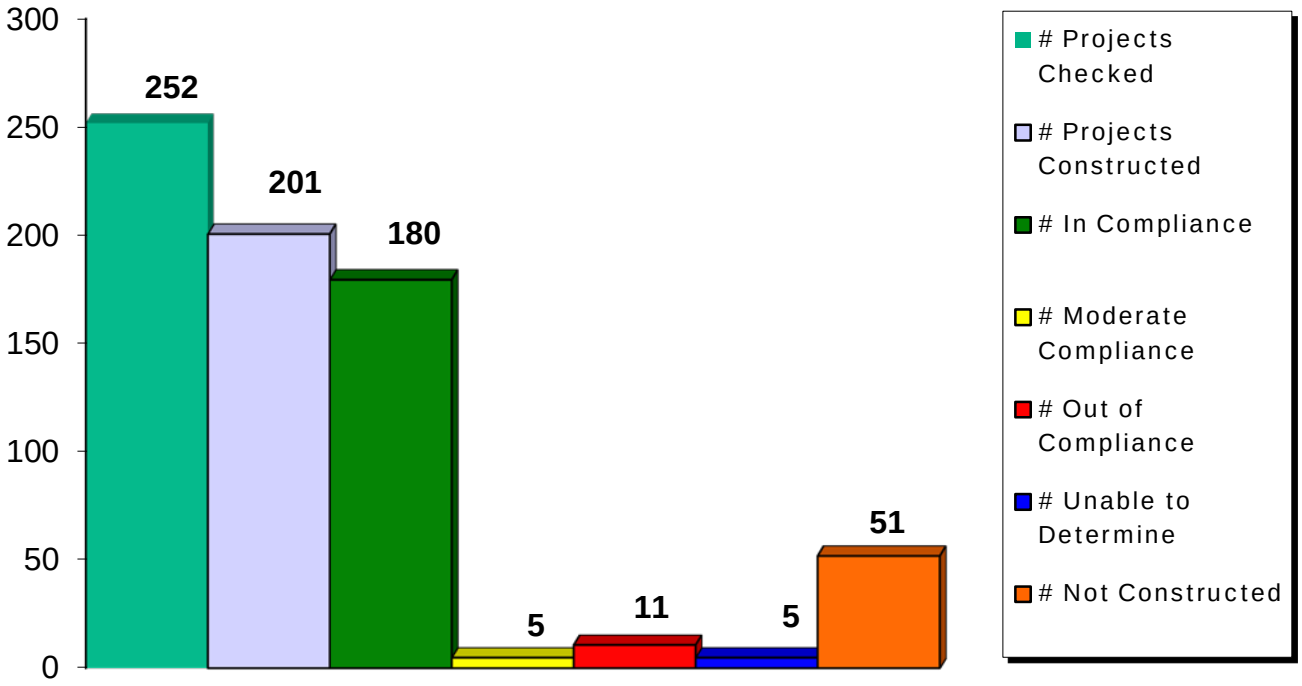


Figure 1. Tidewater Virginia Localities

VMRC Permits

October 1, 2019 through September 30, 2020



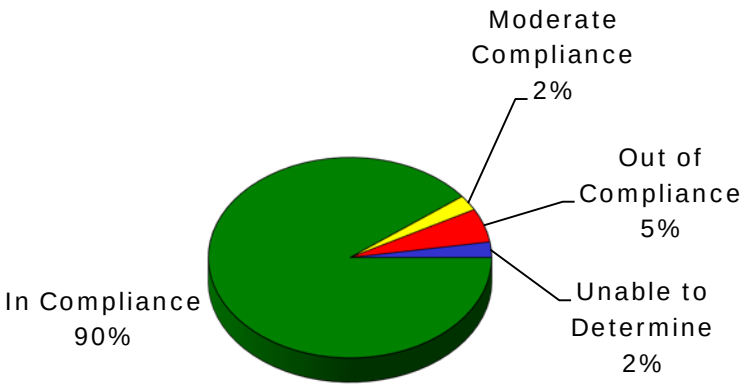


Figure 2 – Inspections of VMRC permits for the Grant year following notification of project commencement or permit expiration

All VMRC Permits

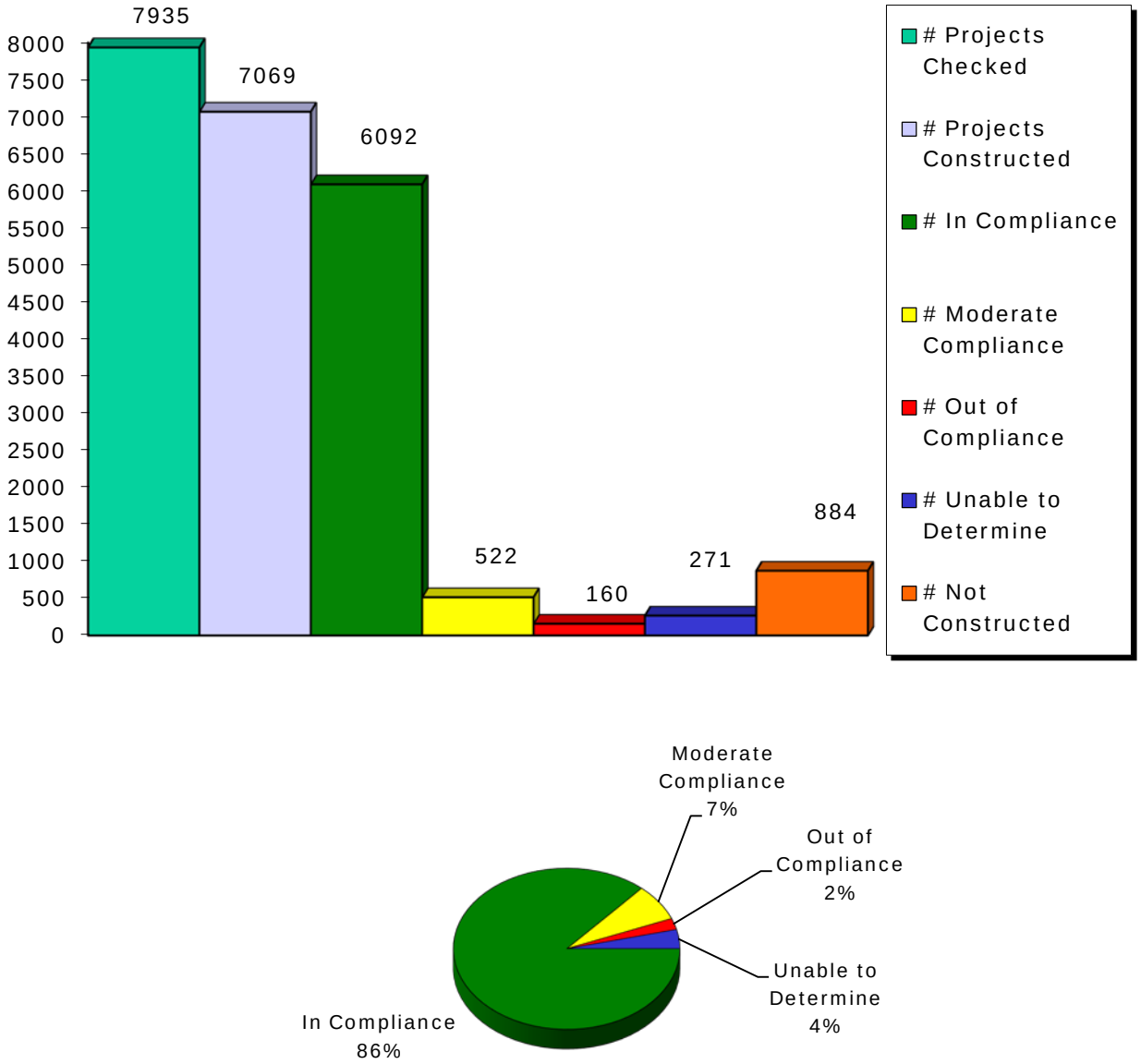
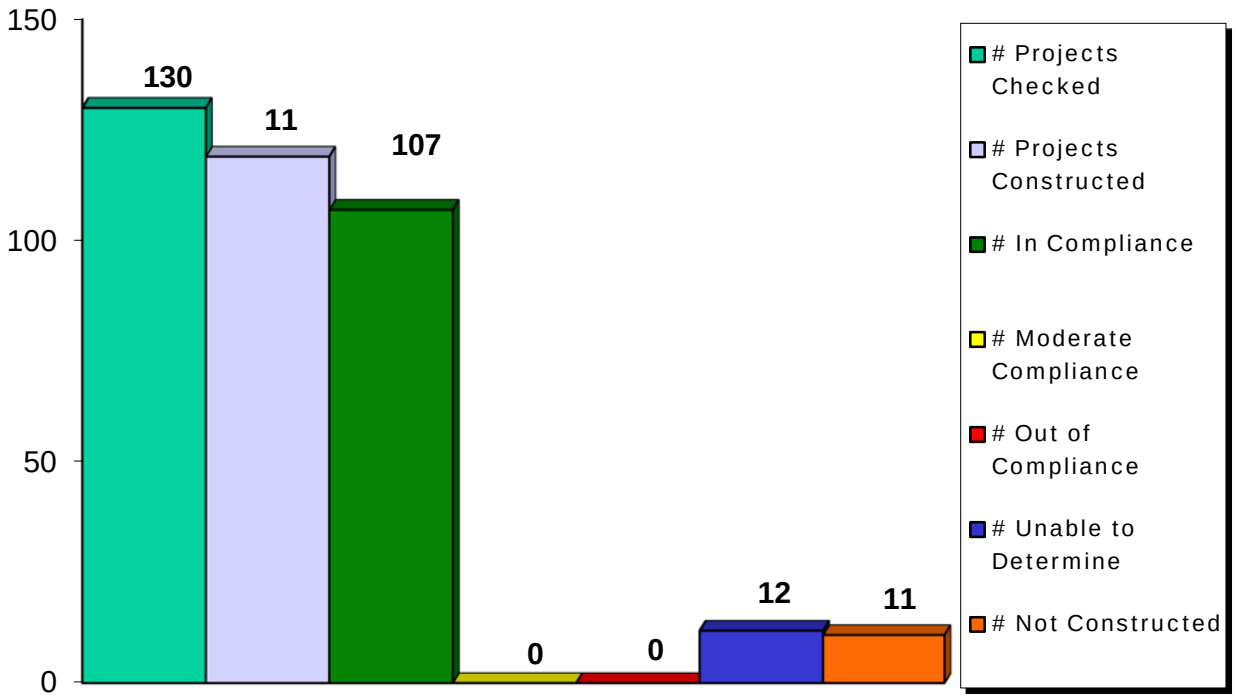


Figure 2 – Inspections since 1993 of all VMRC permits following notification that projects have commenced, or have reached permit expiration.

2018 Inspections



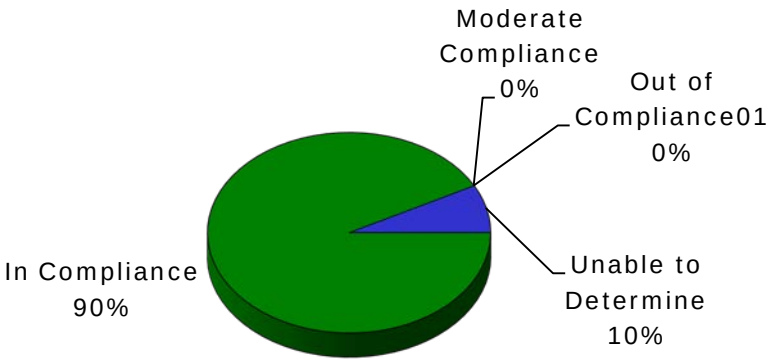
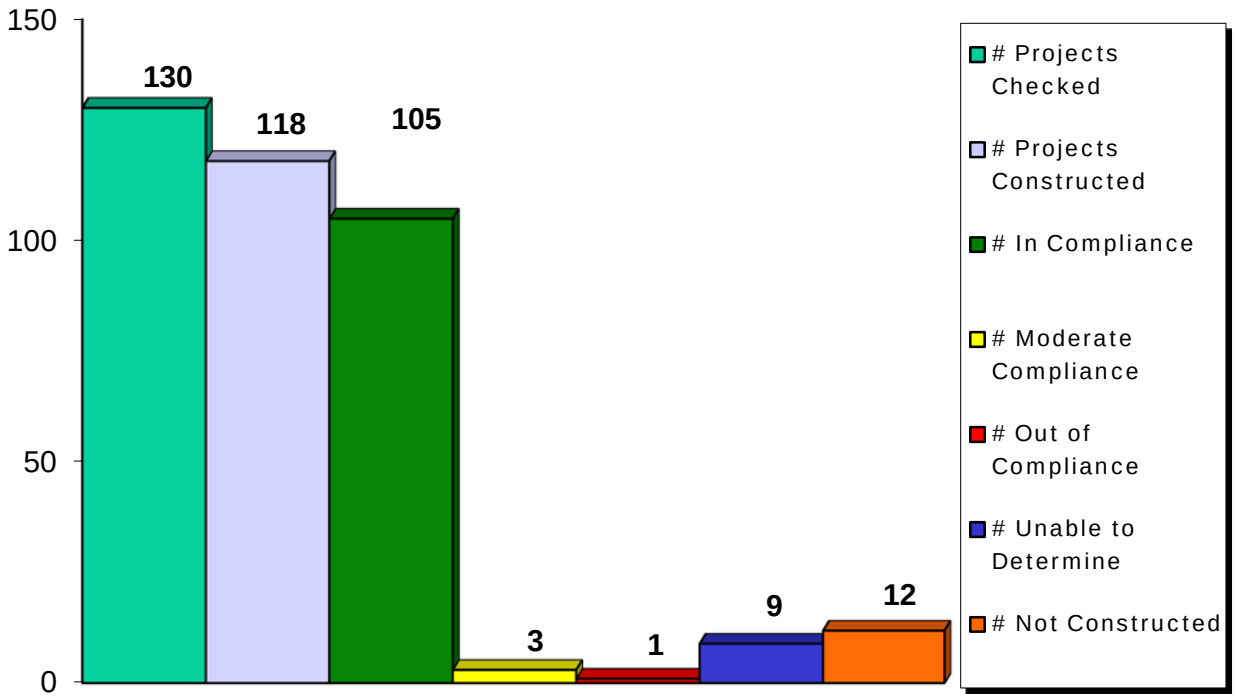


Figure 3 – Inspections for randomly selected wetland permits issued in 2018.

2017 Inspections



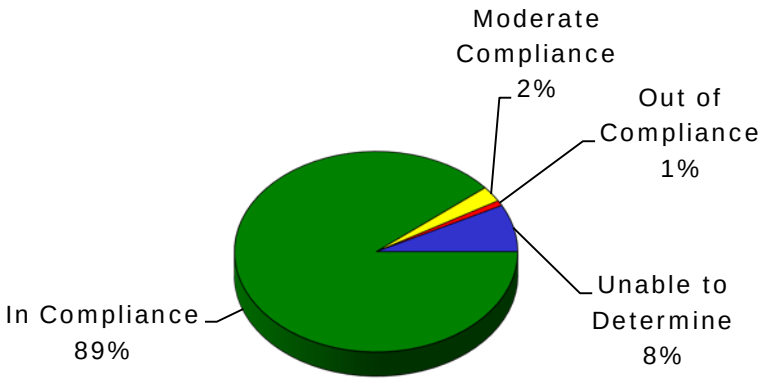


Figure 4 – Inspections for randomly selected wetland permits issued in 2017.

2016 Inspections

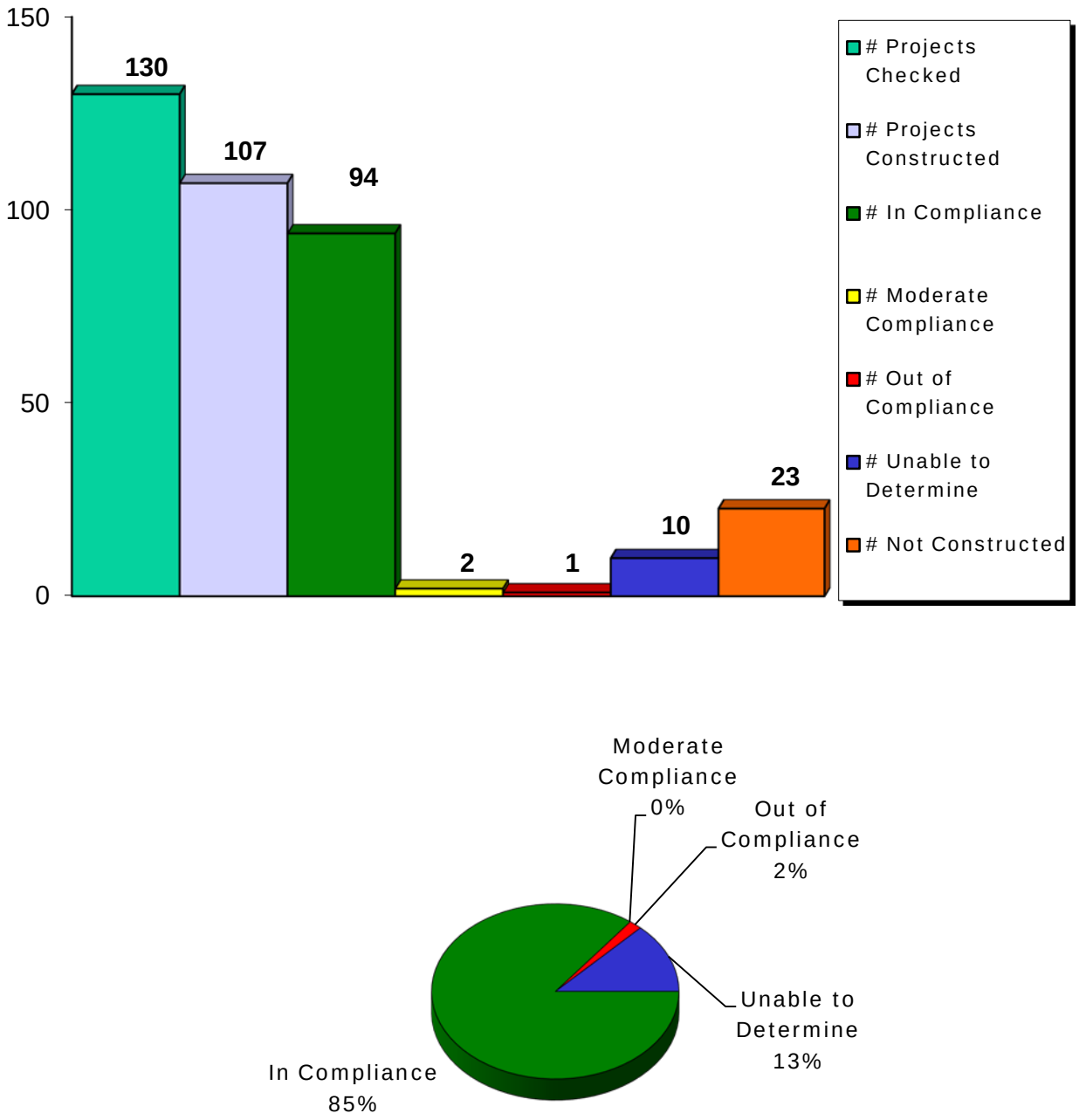


Figure 5 – Inspections for randomly selected wetland permits issued in 2016.

2015 Inspections

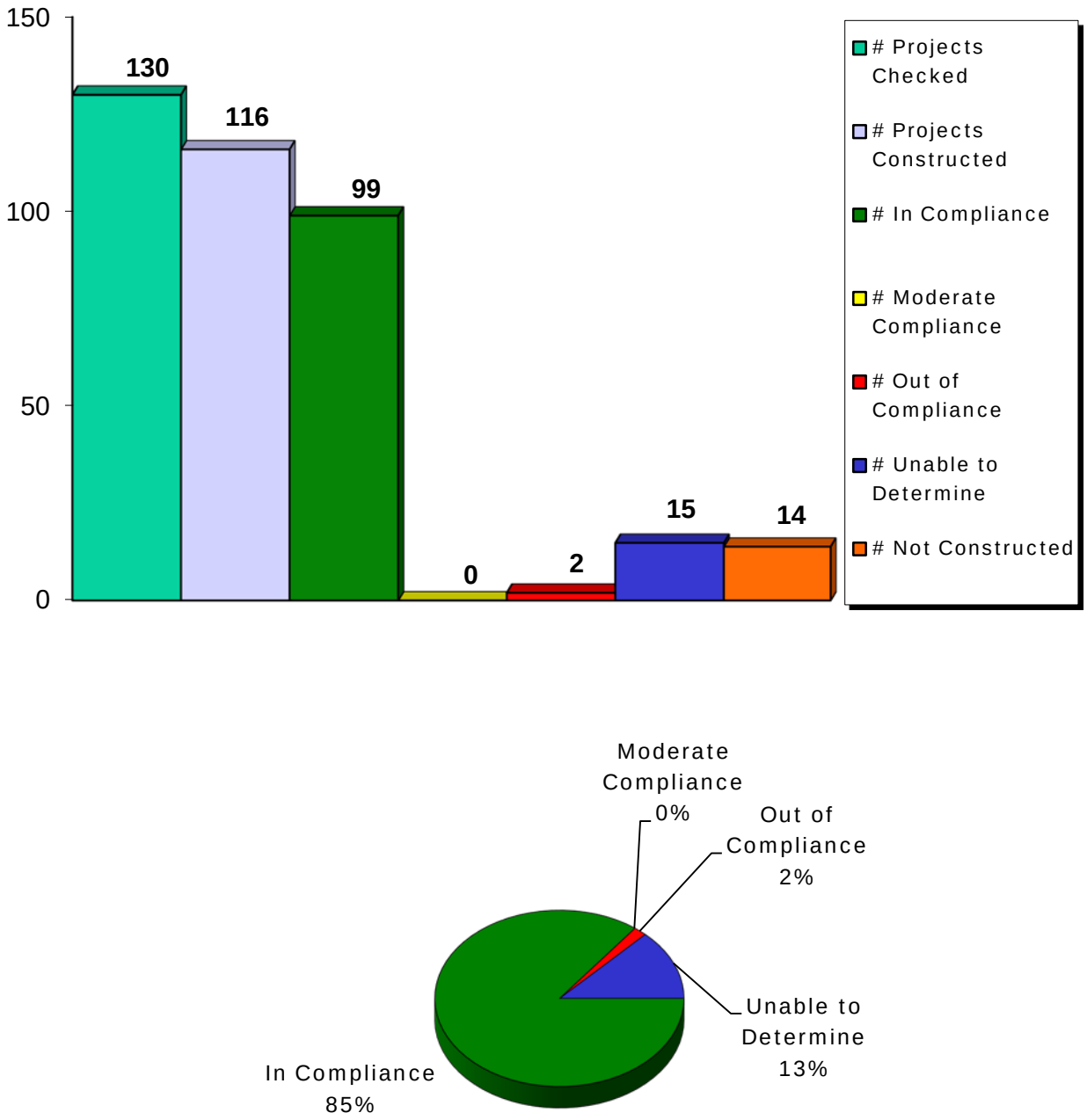
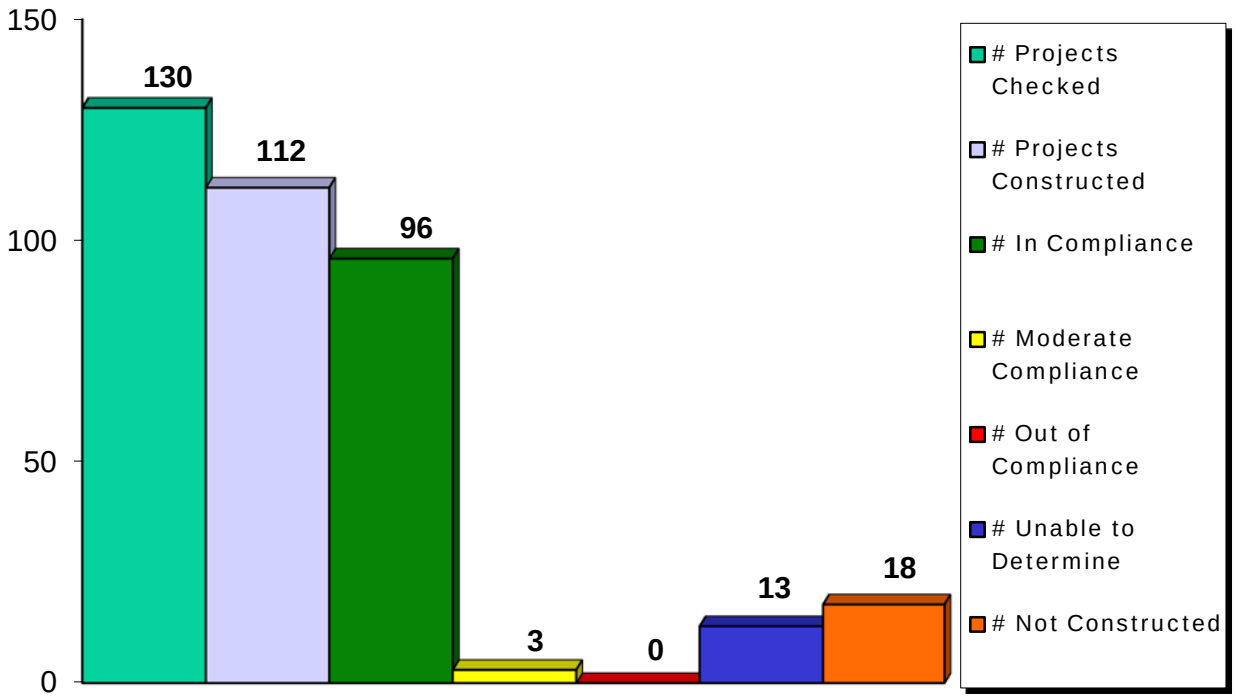


Figure 6 – Inspections for randomly selected wetland permits issued in 2015.

2014 Inspections



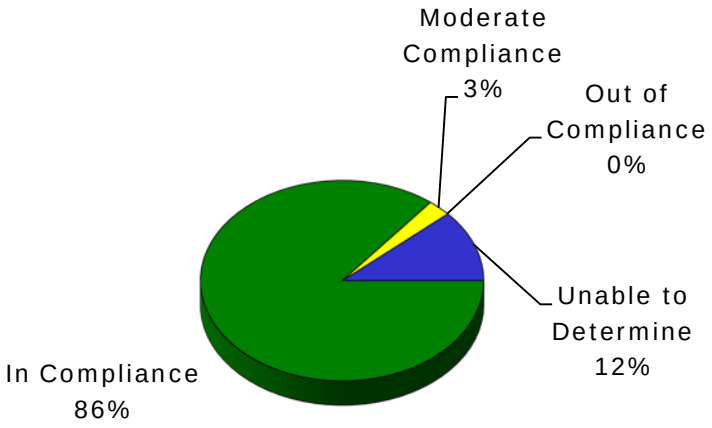


Figure 7 – Inspections for randomly selected wetland permits issued in 2014.

2013 Inspections

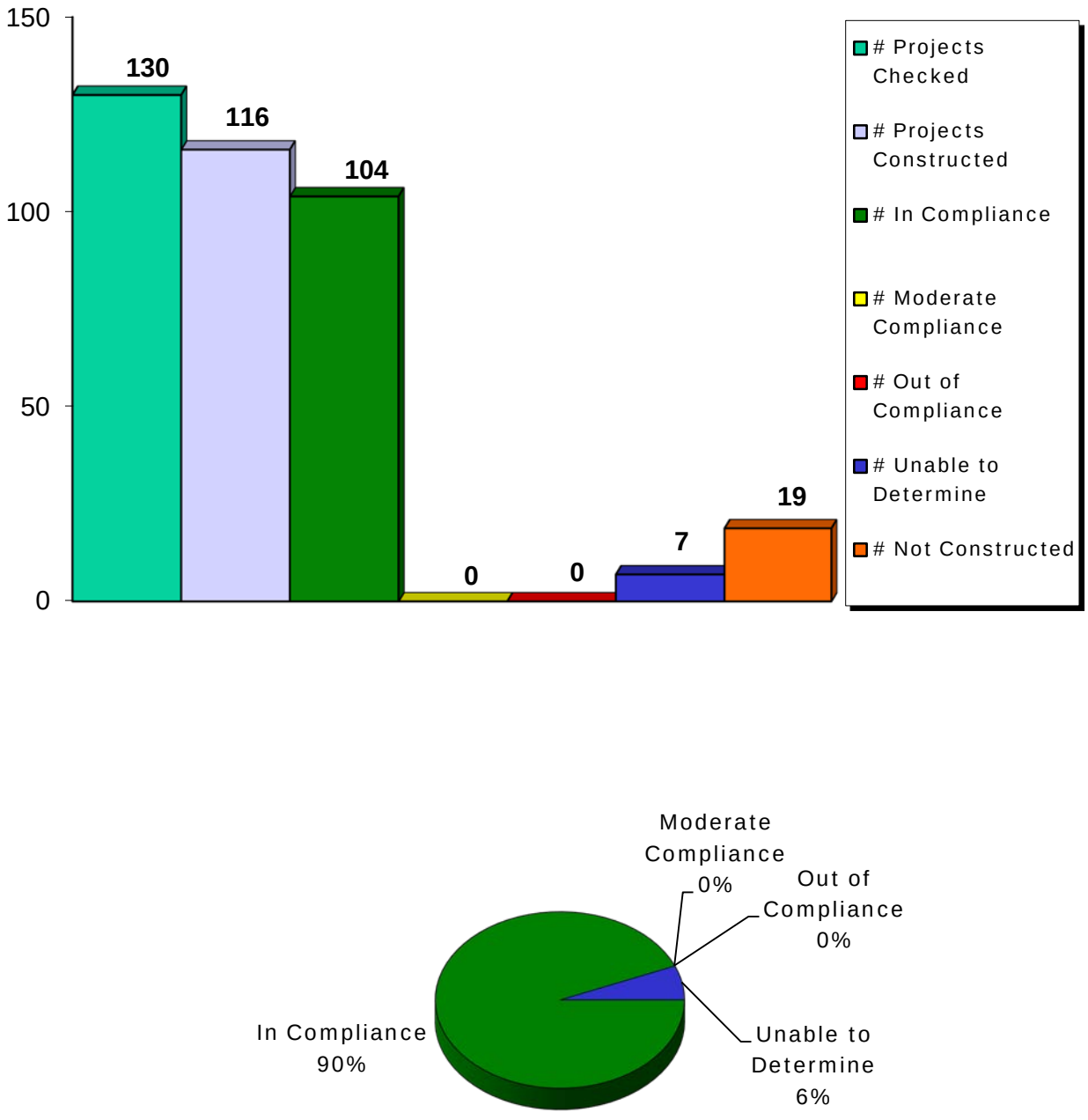
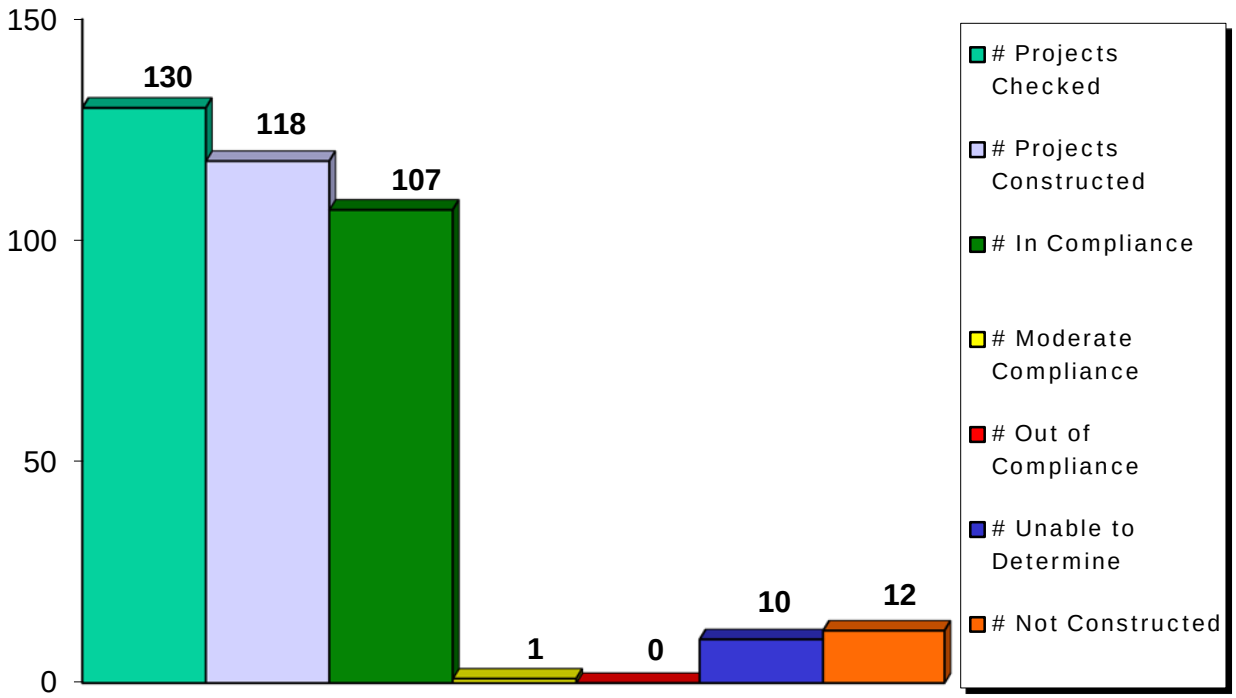


Figure 8 – Inspections for randomly selected wetland permits issued in 2013.

2012 Inspections



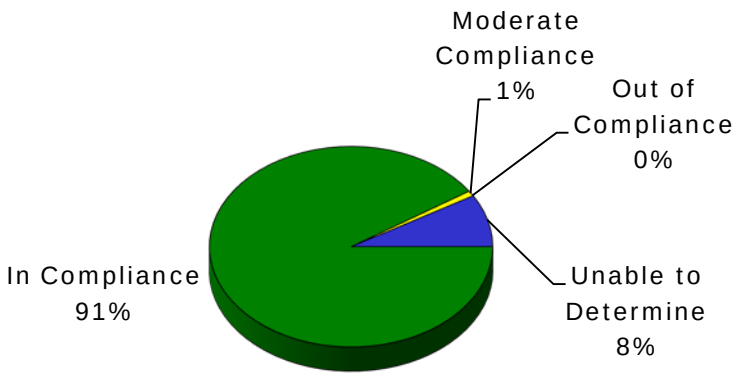


Figure 9 – Inspections for randomly selected wetland permits issued in 2012.

2011 Inspections

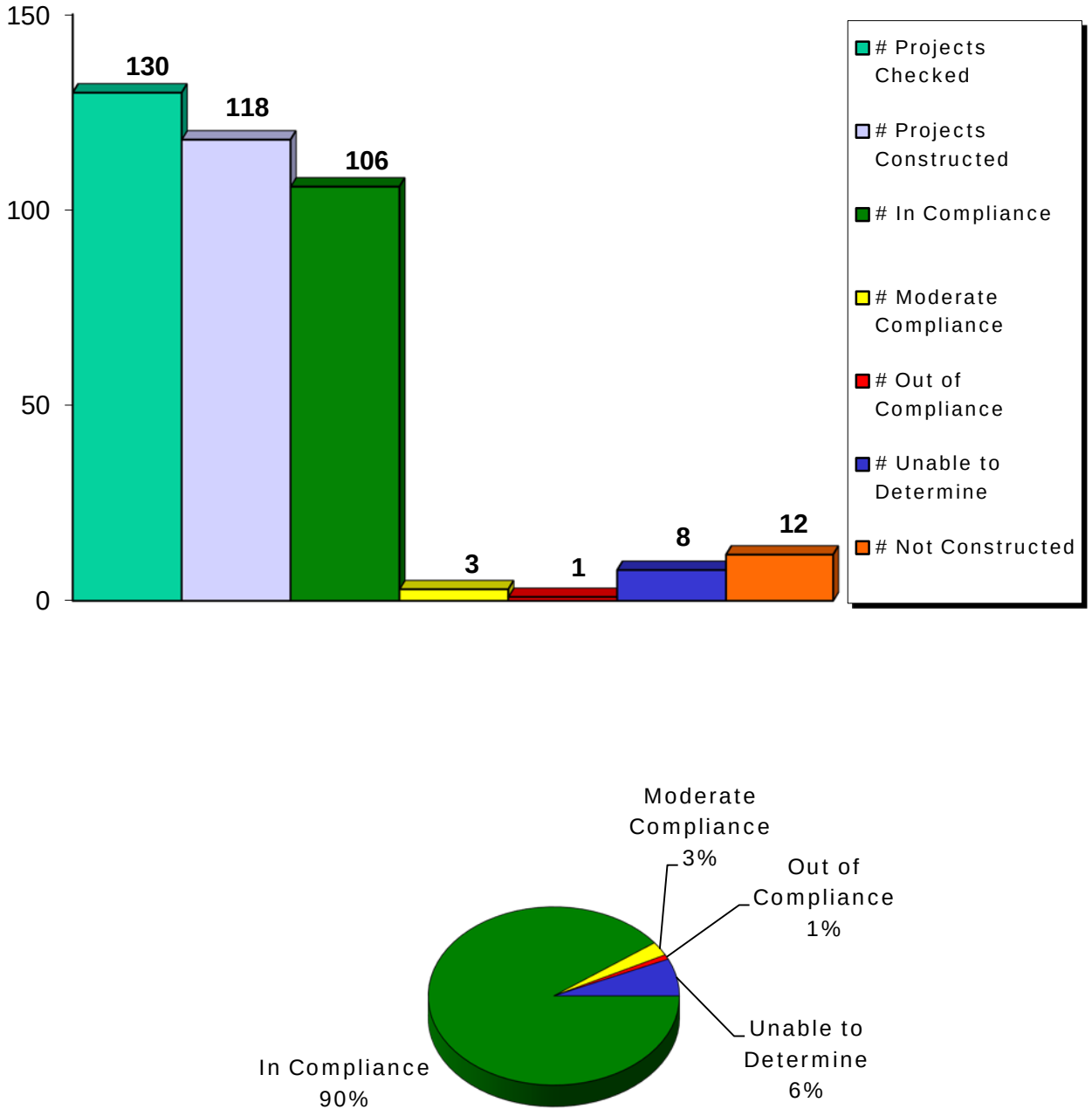


Figure 10 – Inspections for randomly selected wetland permits issued in 2011.

2010 Inspections

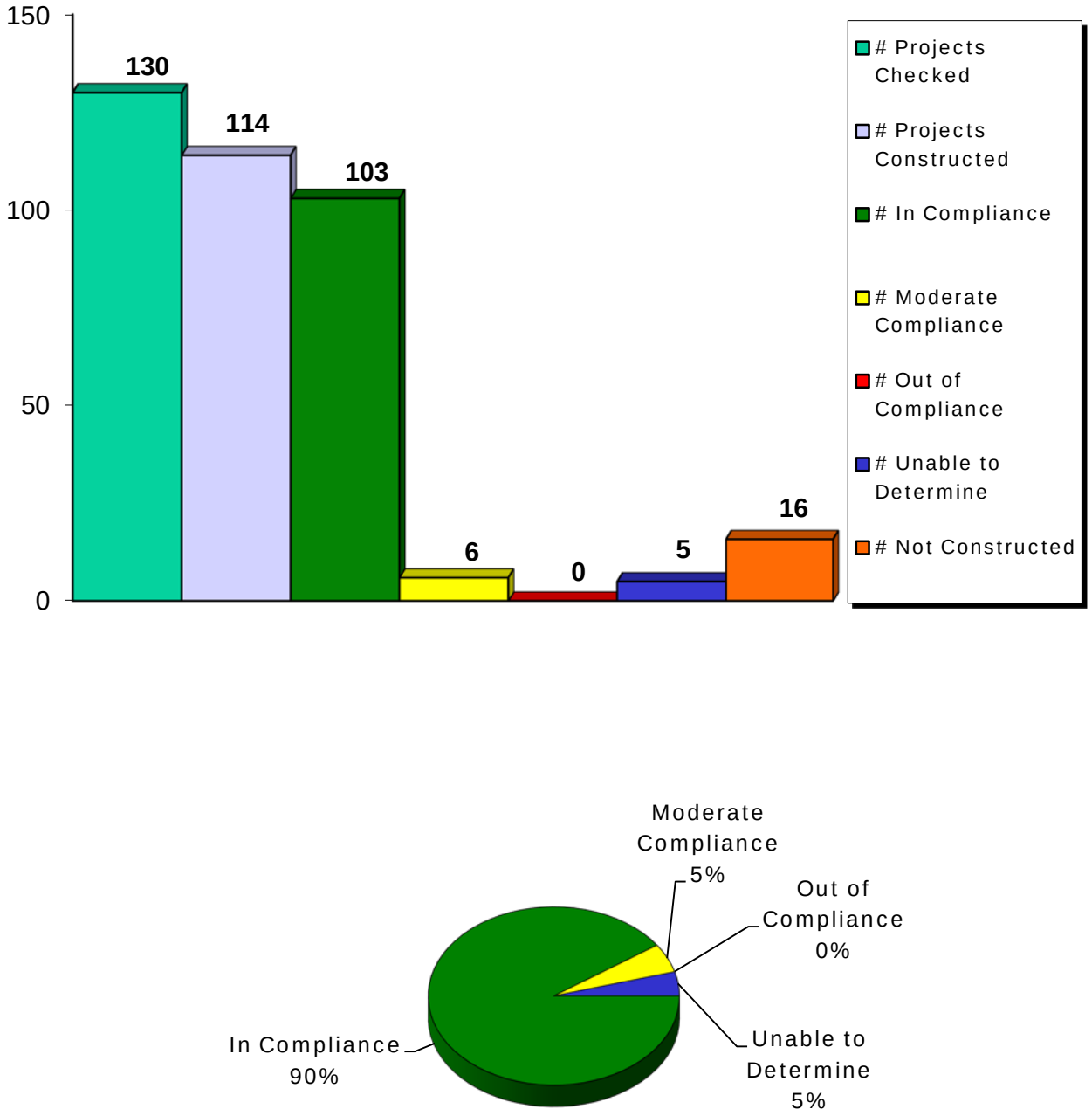
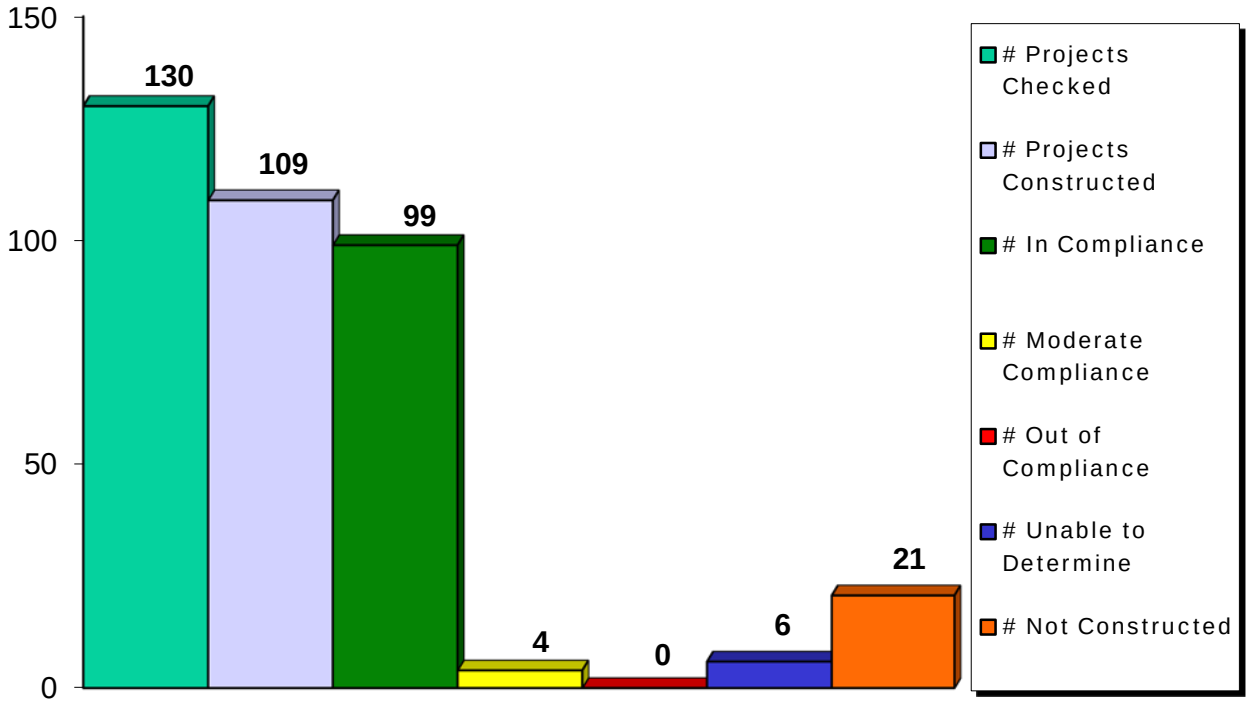


Figure 11 – Inspections for randomly selected wetland permits issued in 2010.

2009 Inspections



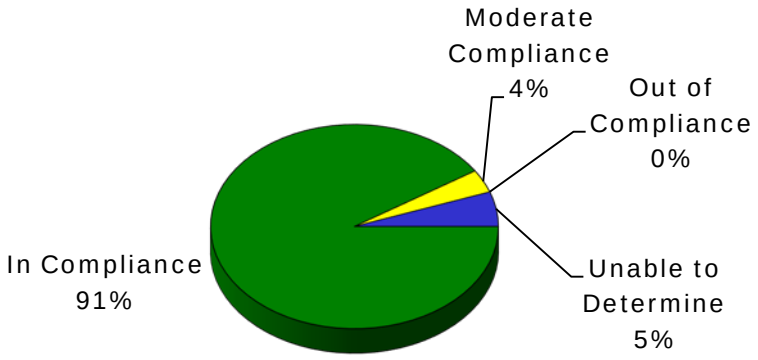
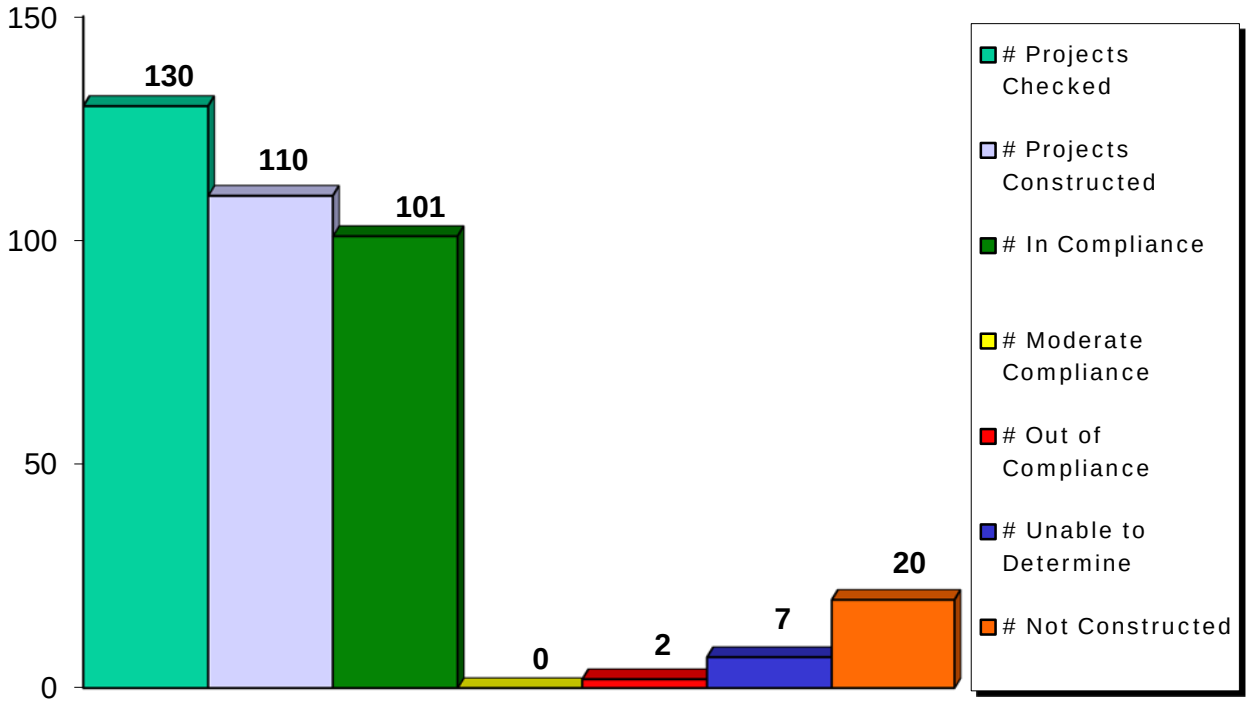


Figure 12 – Inspections for randomly selected wetland permits issued in 2009.

2008 Inspections



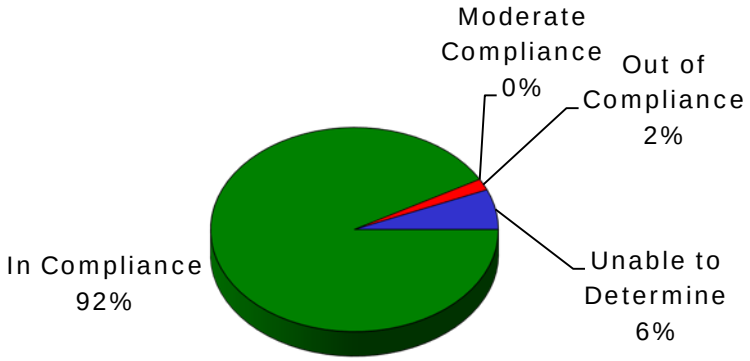
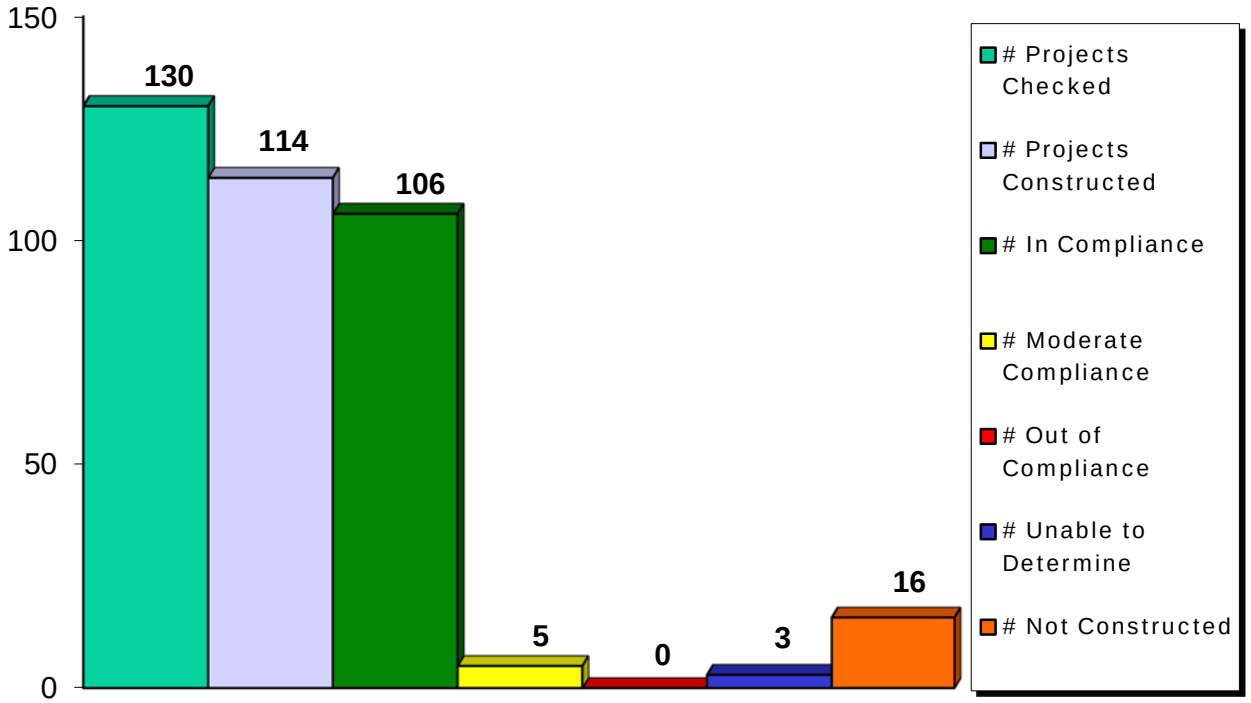


Figure 13 – Inspections for randomly selected wetland permits issued in 2008.

2007 Inspections



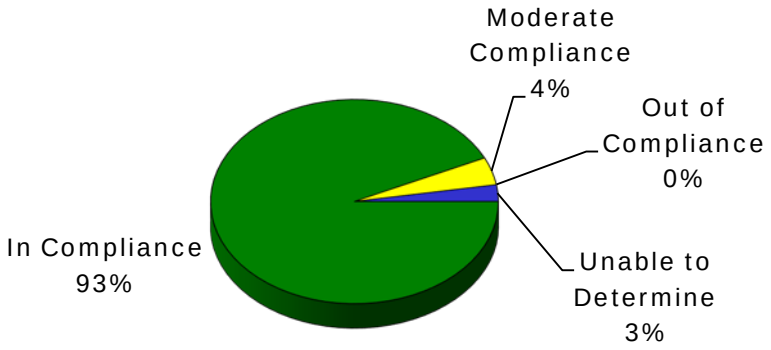
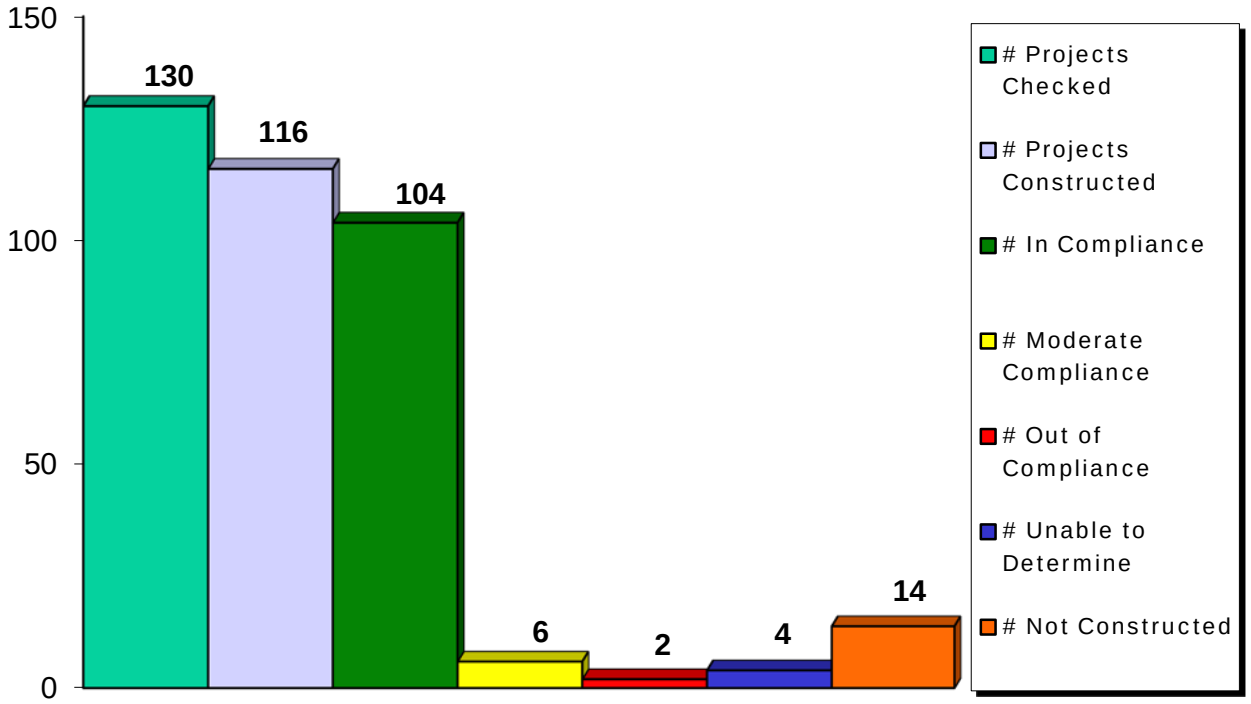


Figure 14 – Inspections for randomly selected wetland permits issued in 2007.

2006 Inspections



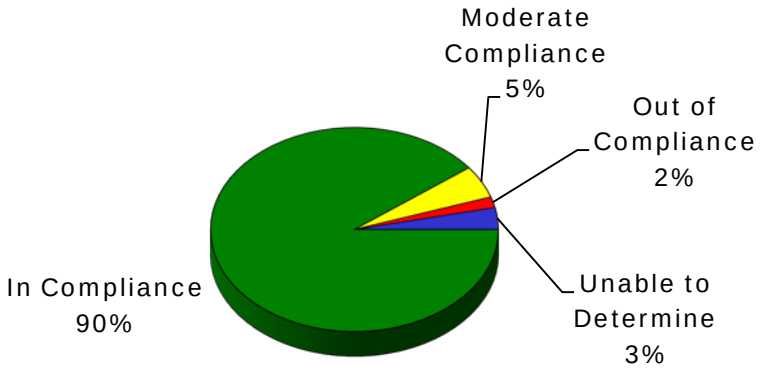
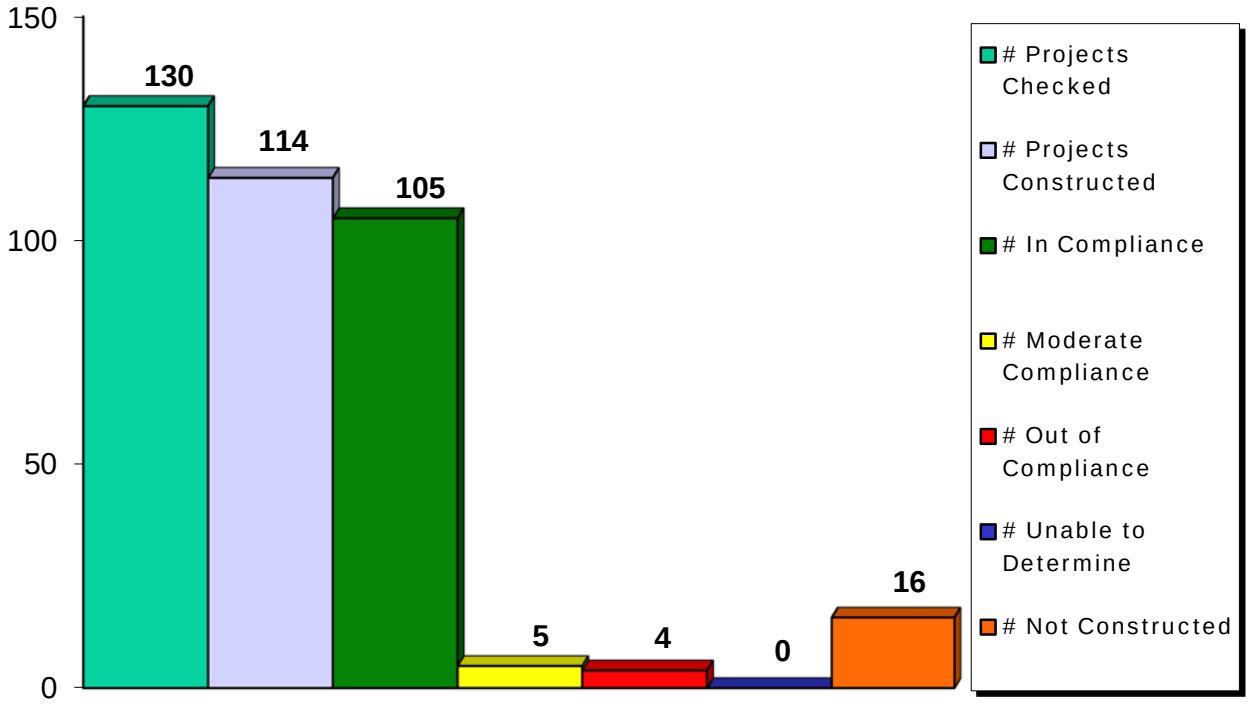


Figure 15 – Inspections for randomly selected wetland permits issued in 2006.

2005 Inspections



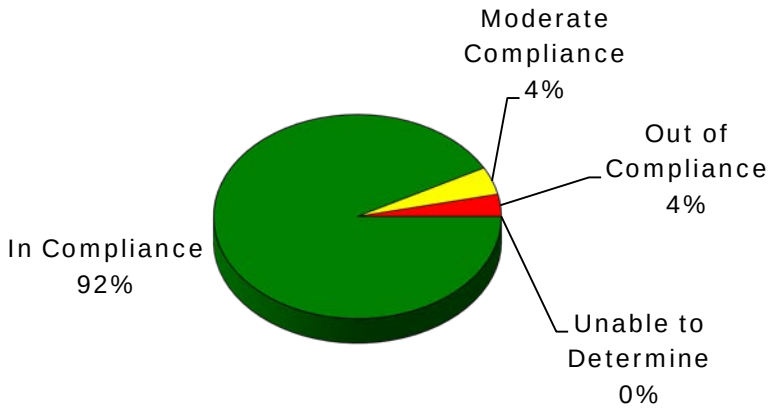
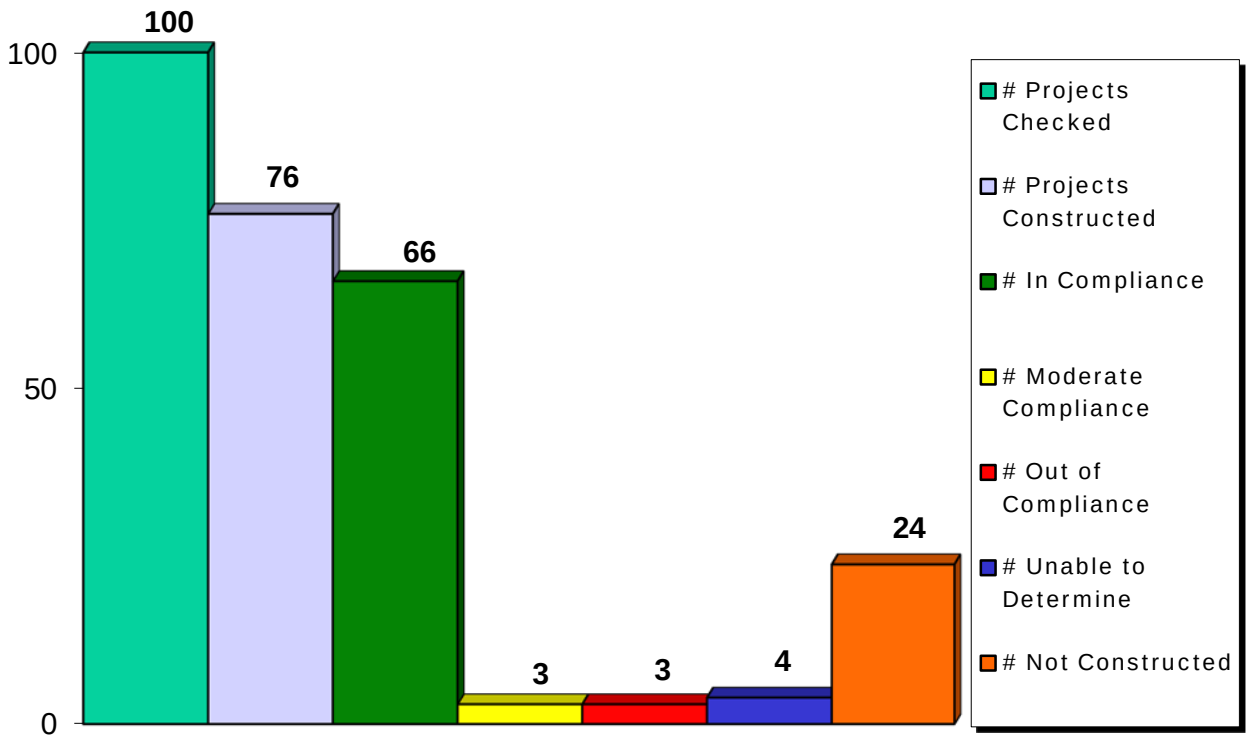


Figure 16 – Inspections for randomly selected wetland permits issued in 2005.

2004 Inspections



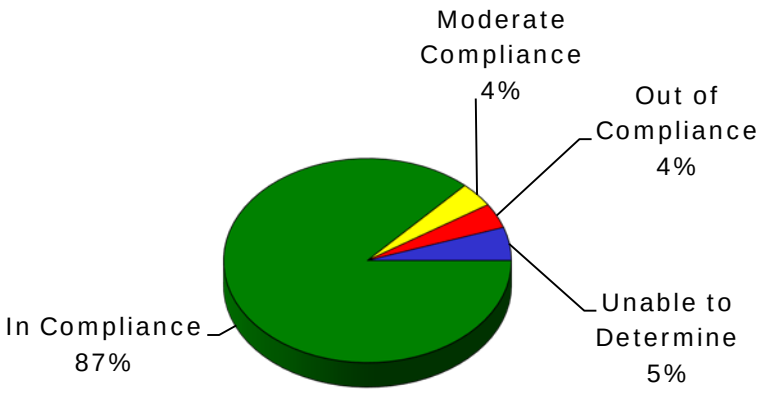


Figure 17 – Inspections for randomly selected wetland permits issued in 2004.

2003 Inspections

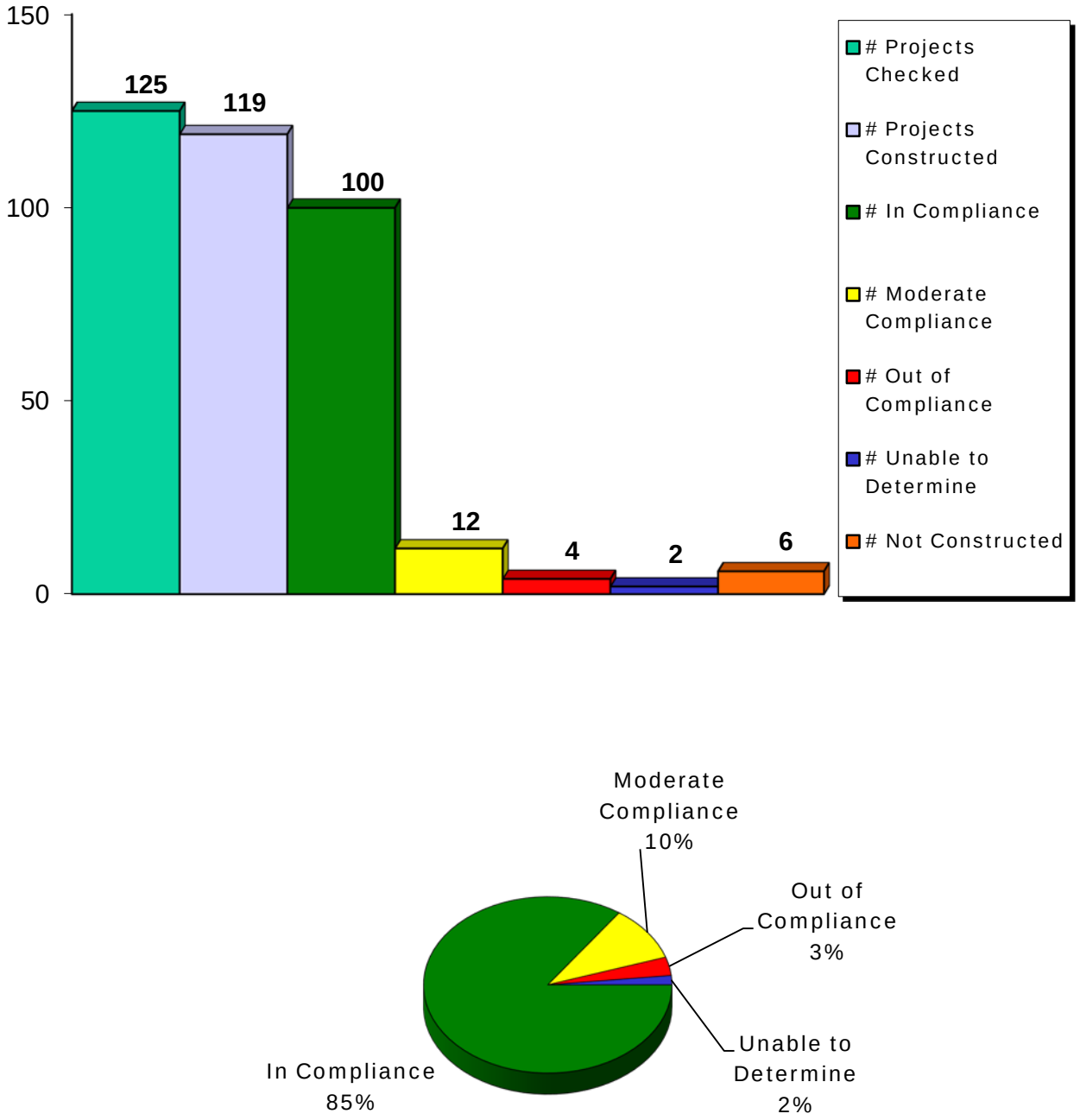
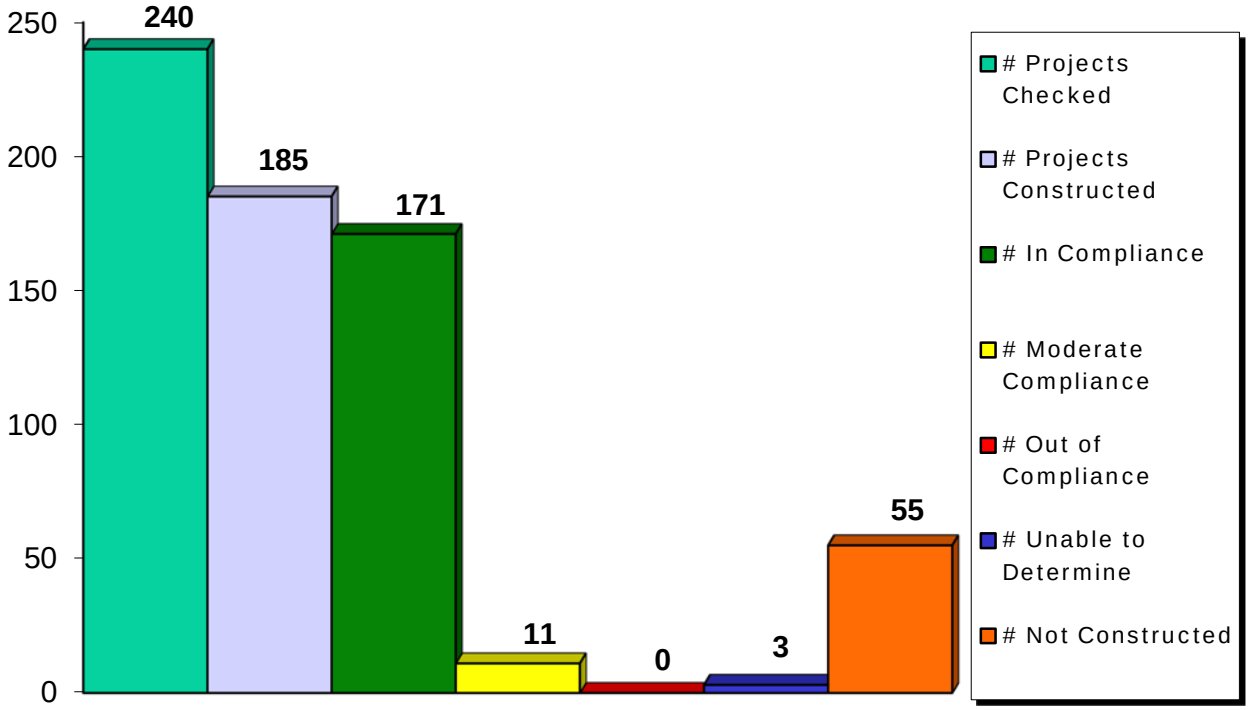


Figure 18 – Inspections for randomly selected wetland permits issued in 2003.

2002 Inspections



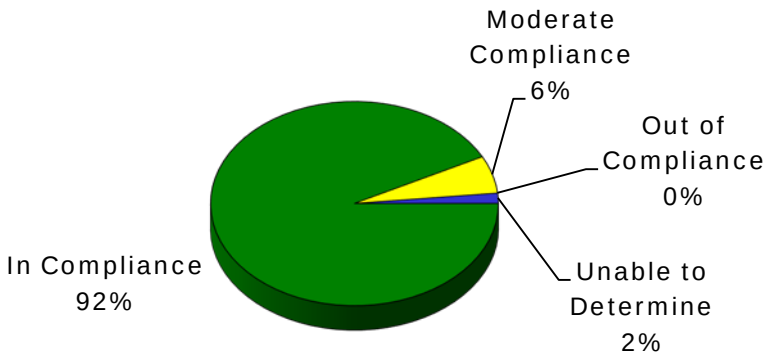


Figure 19 – Inspections for randomly selected wetland permits issued in 2002.

2001 Inspections

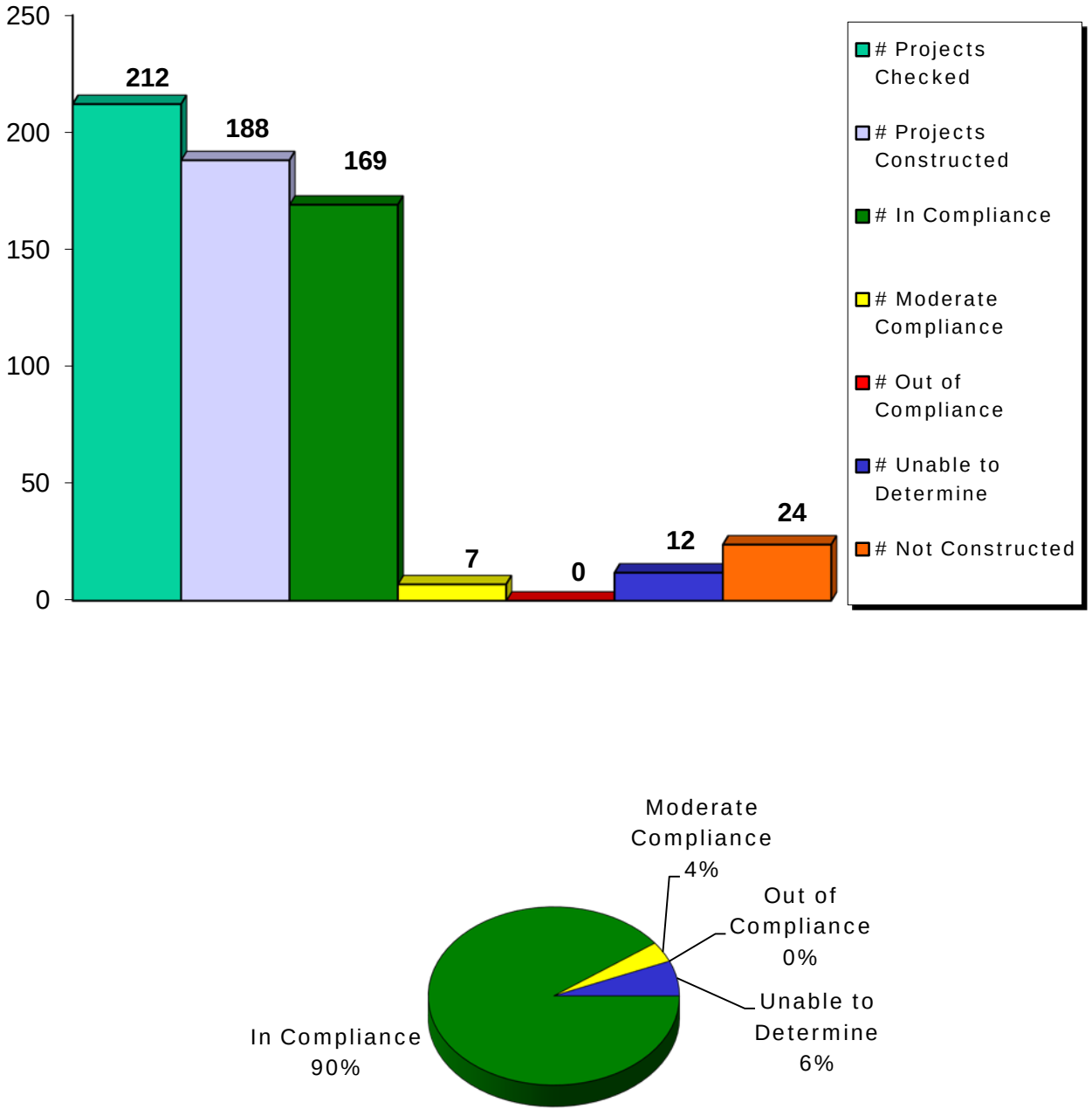


Figure 20 – Inspections for randomly selected wetland permits issued in 2001.

2000 Inspections

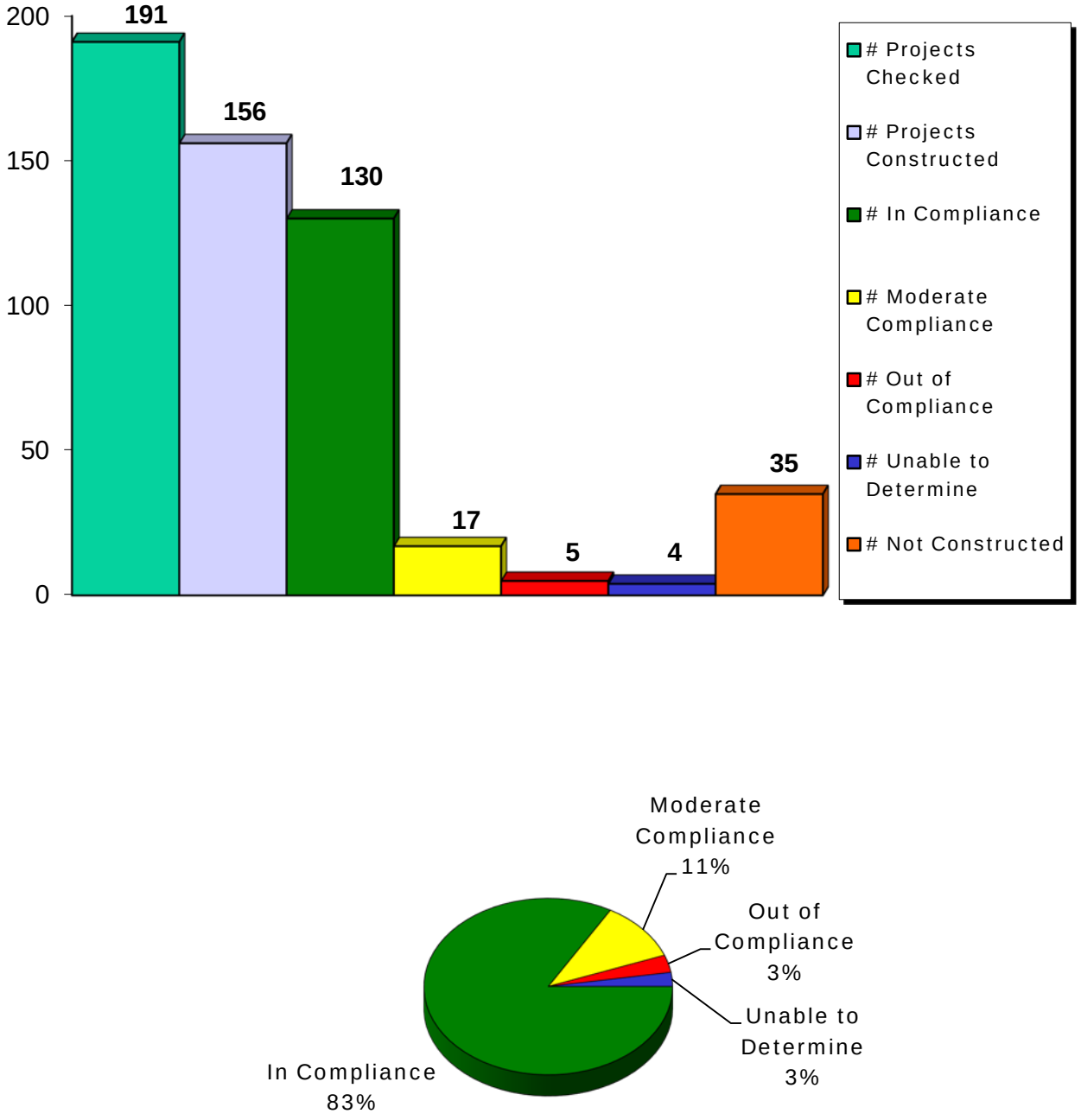
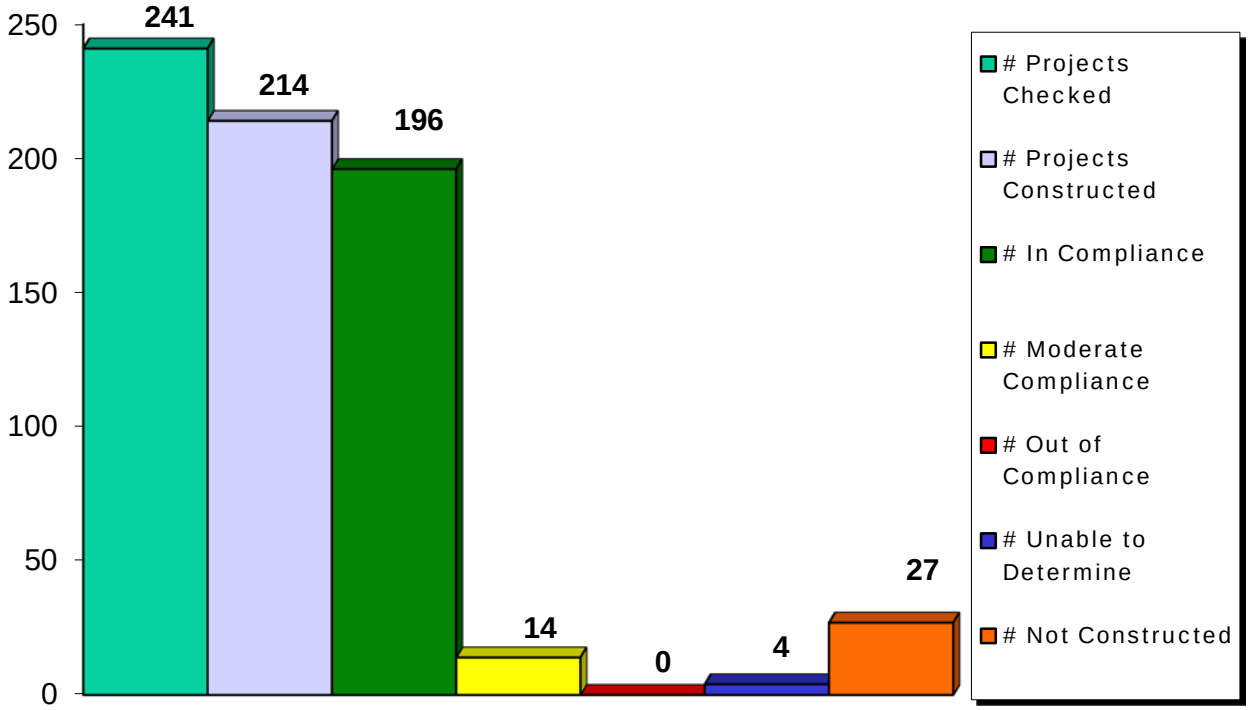


Figure 21 – Inspections for randomly selected wetland permits issued in 2000.

1999 Inspections



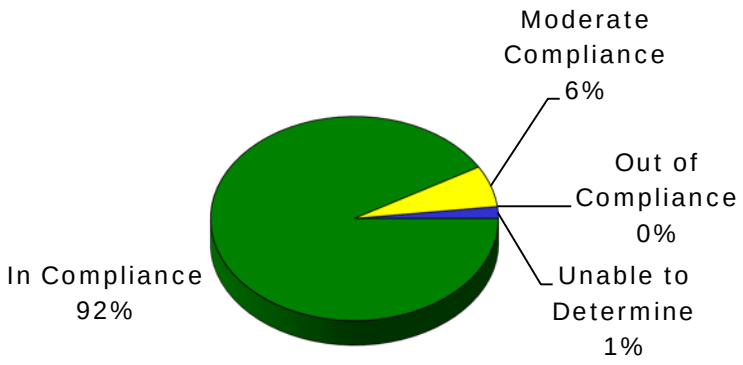


Figure 22 – Inspections for randomly selected wetland permits issued in 1999.

1998 Inspections

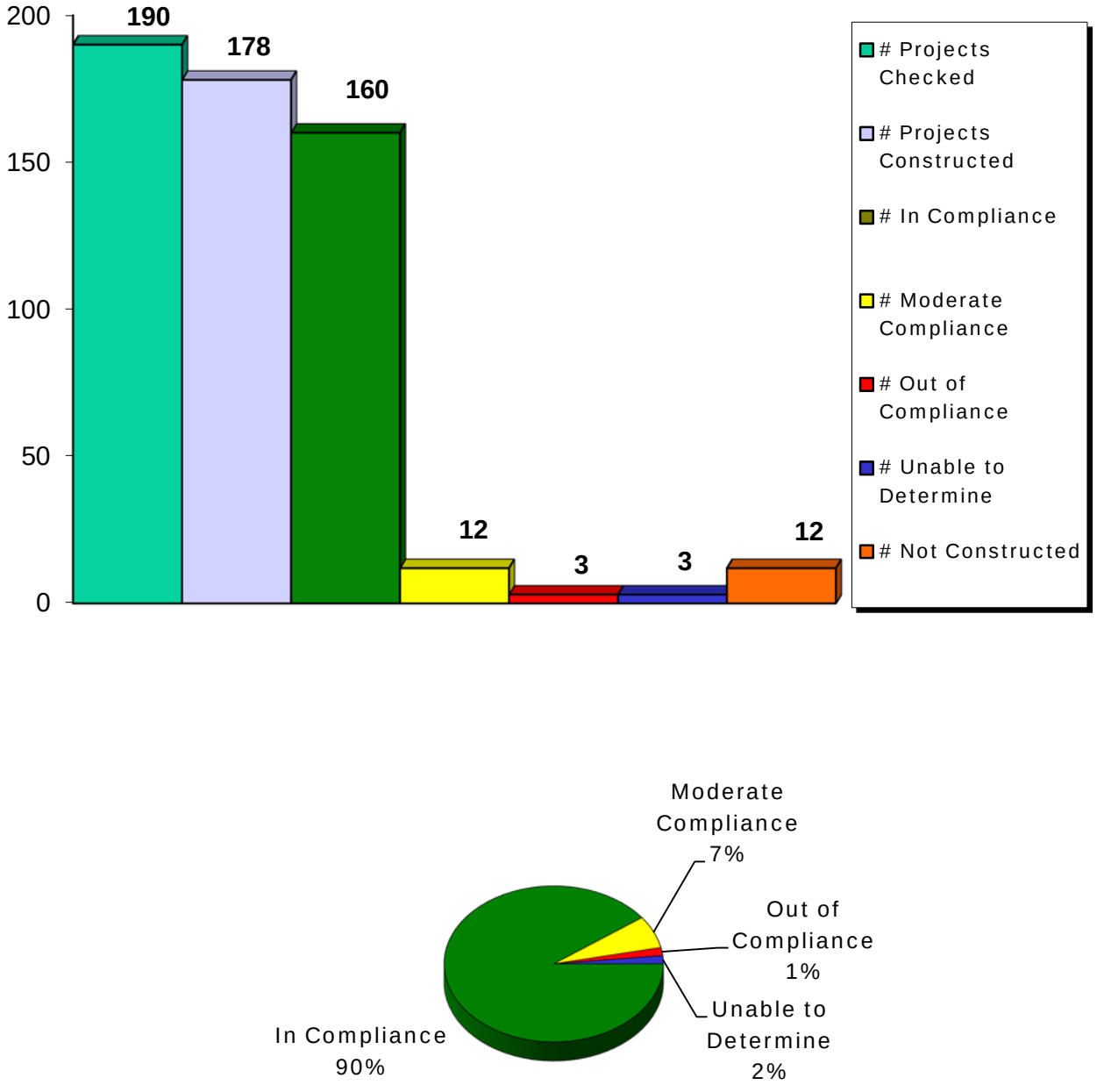


Figure 23– Inspections for randomly selected wetland permits issued in 1998.

1997 Inspections

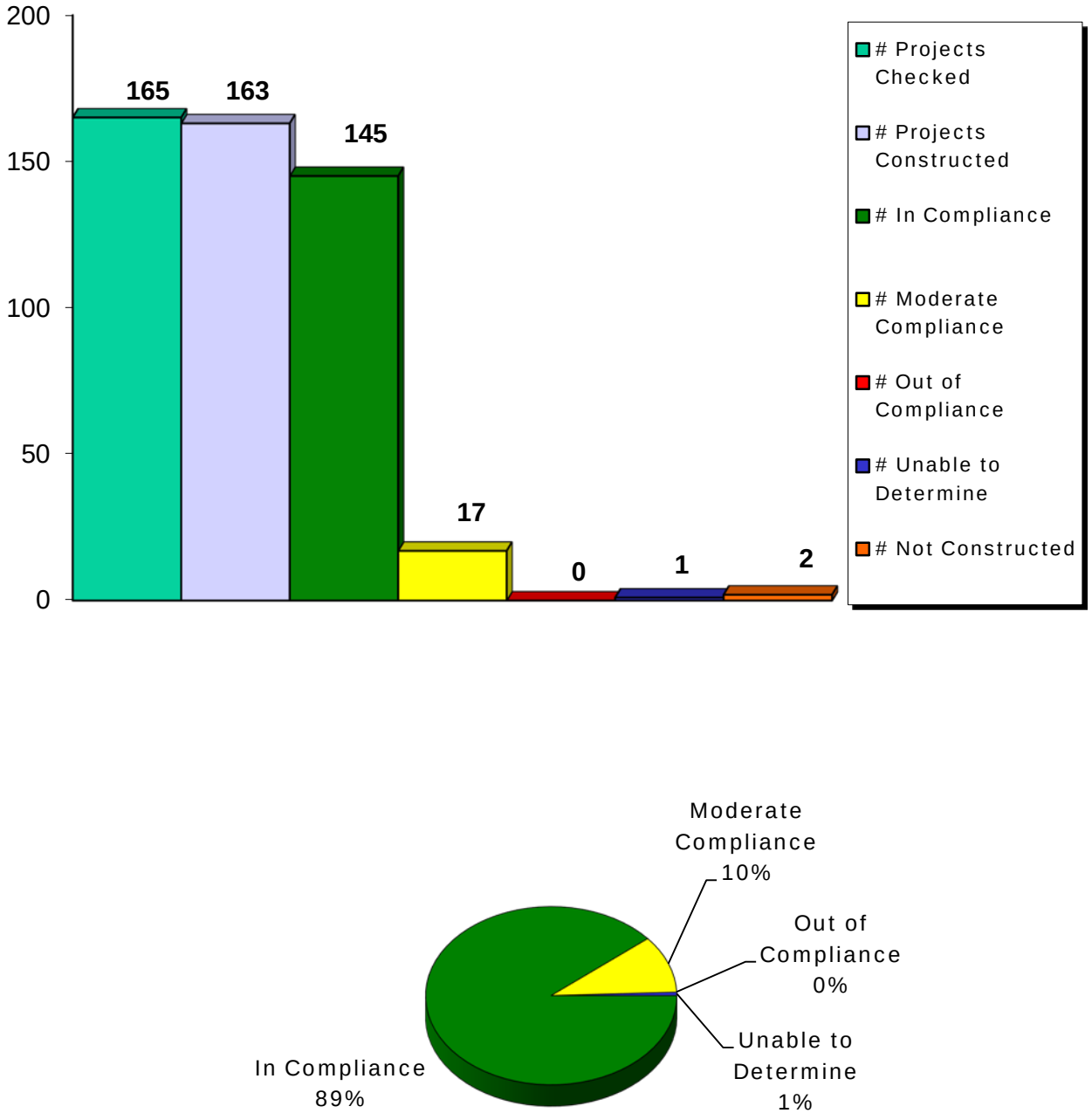


Figure 24 – Inspections for randomly selected wetland permits issued in 1997.

1996 Inspections

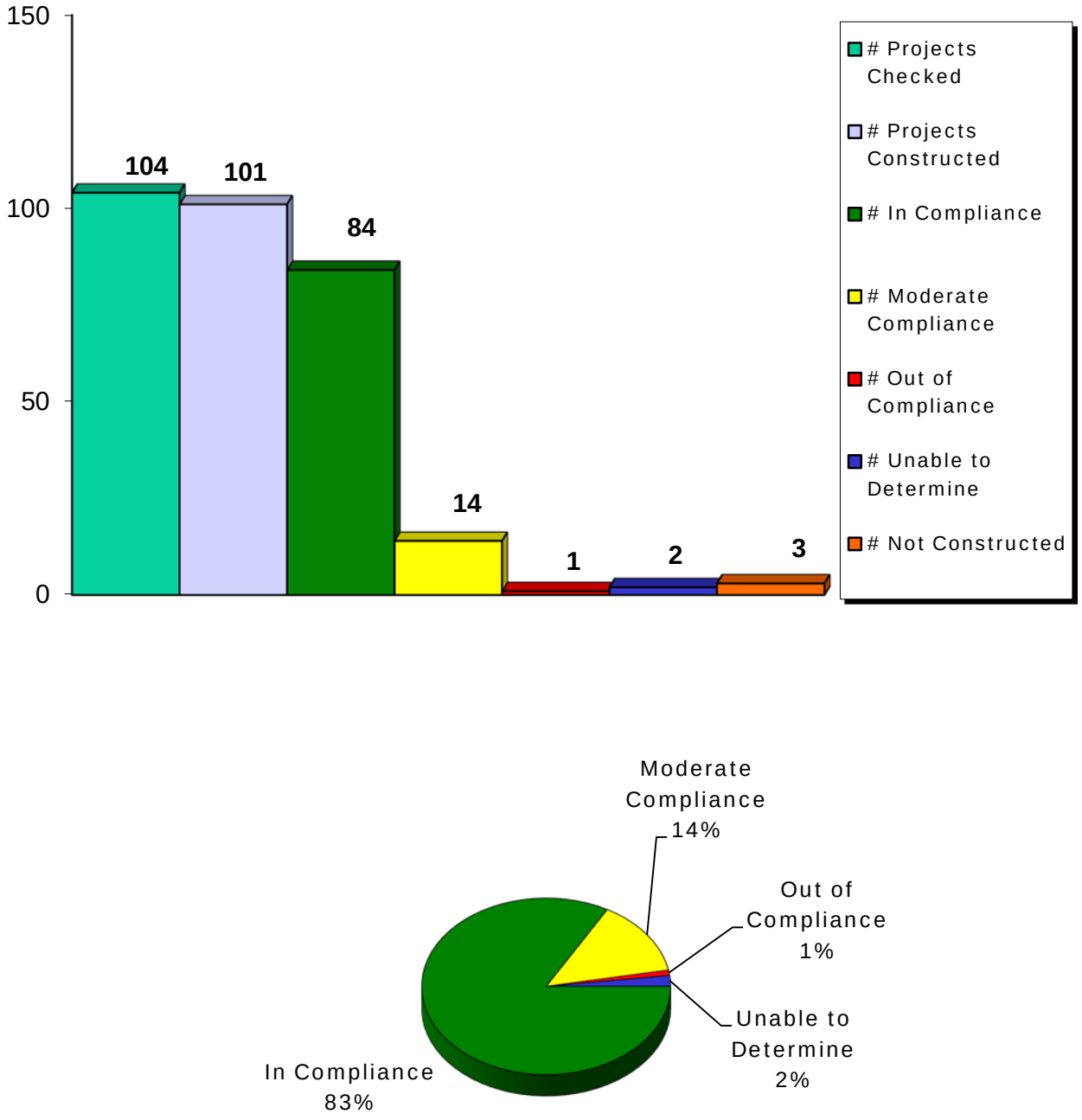


Figure 25 – Inspections for randomly selected wetland permits issued in 1996.

1995 Inspections

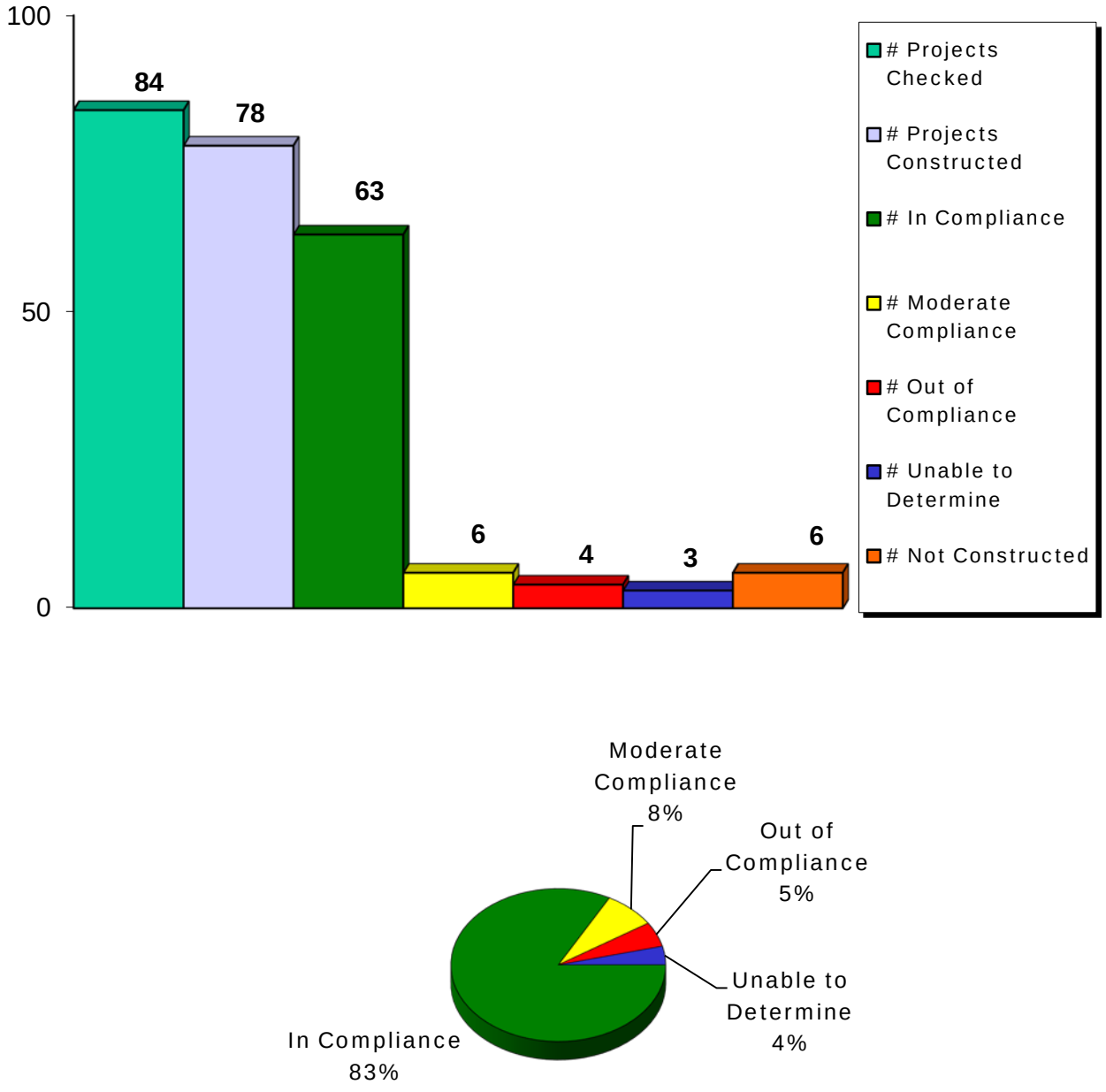


Figure 26 – Inspections for randomly selected wetland permits issued in 1995.

1994 Inspections

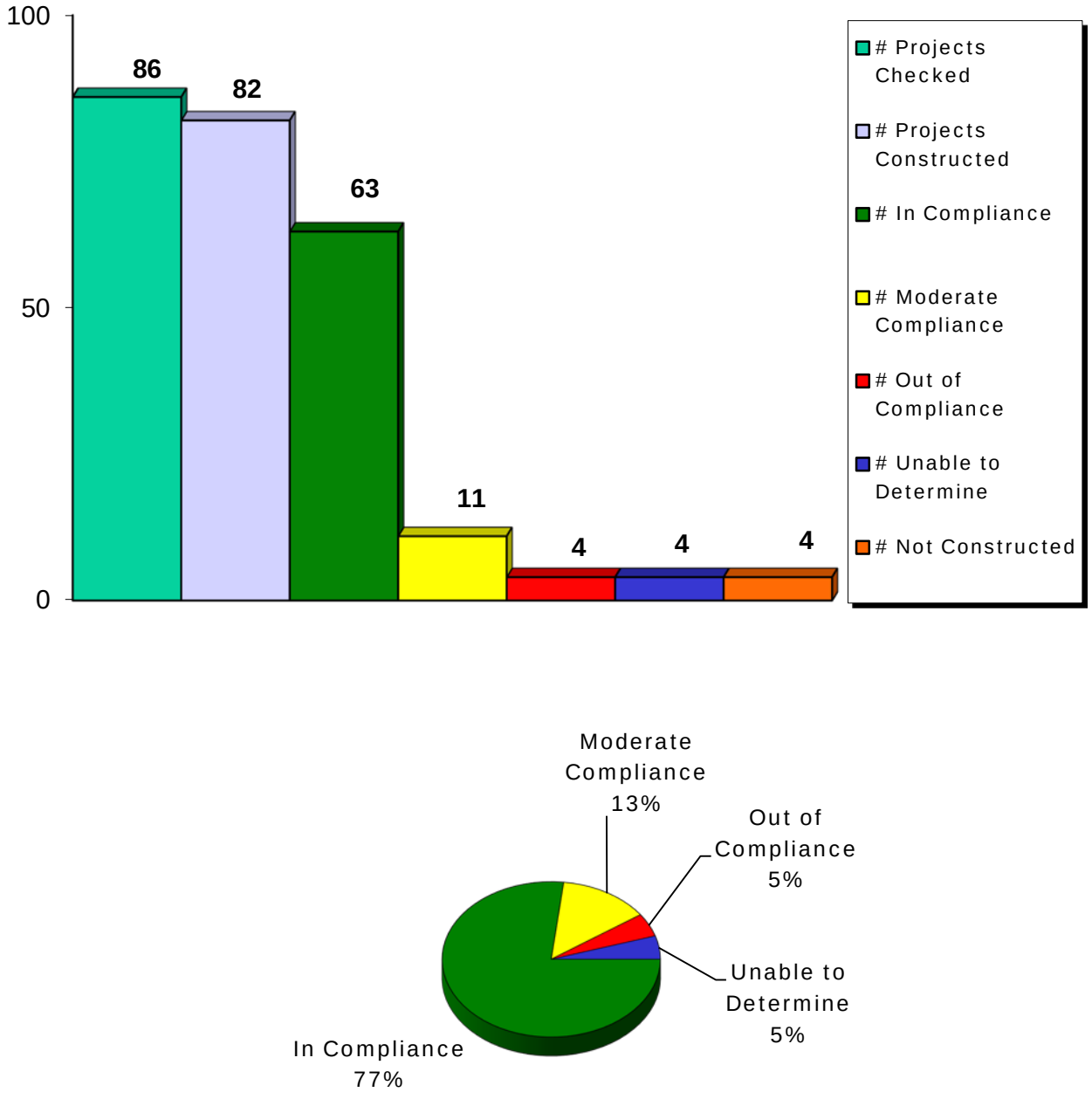


Figure 27 – Inspections for randomly selected wetland permits issued in 1994.

1993 Inspections

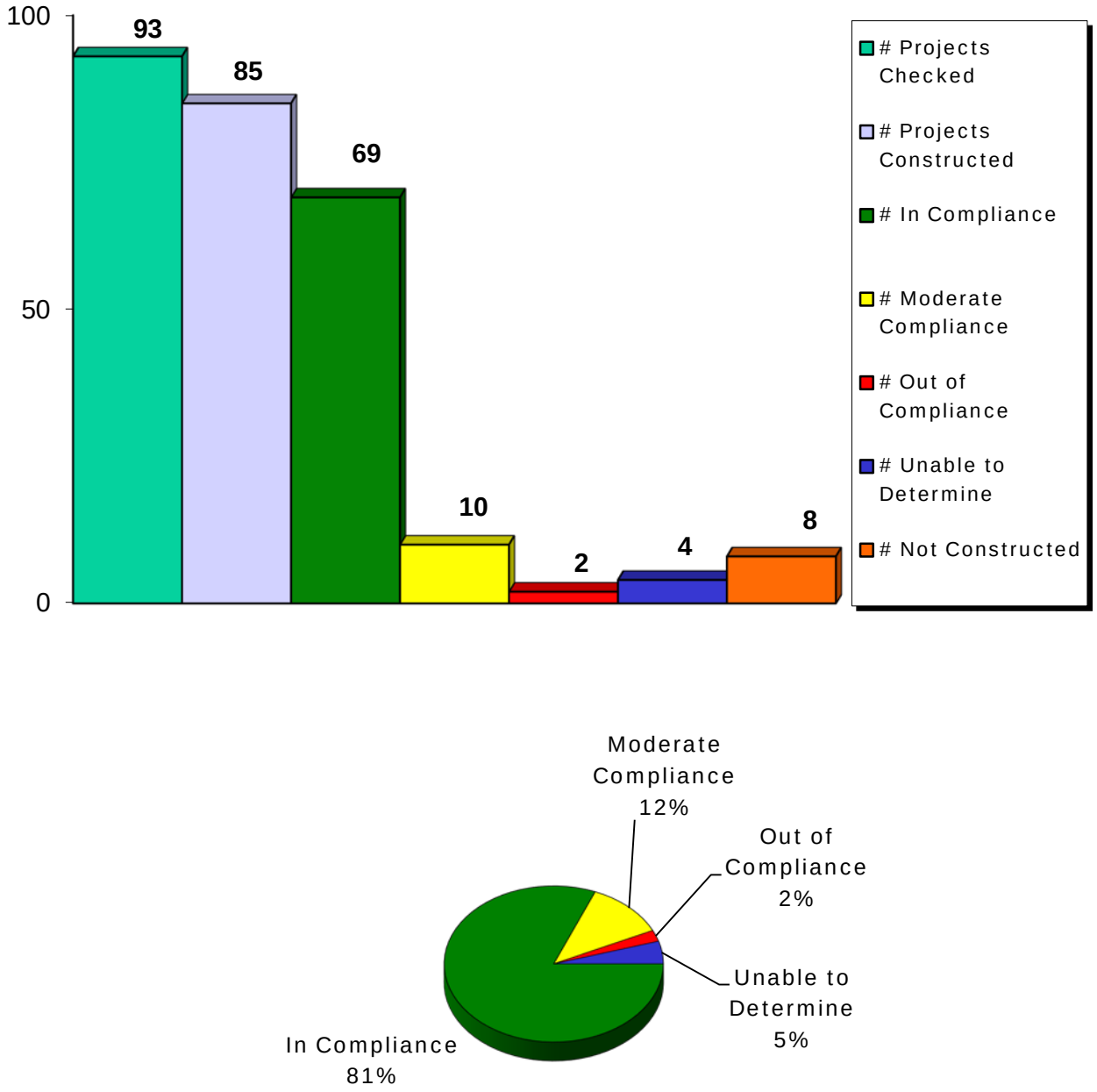
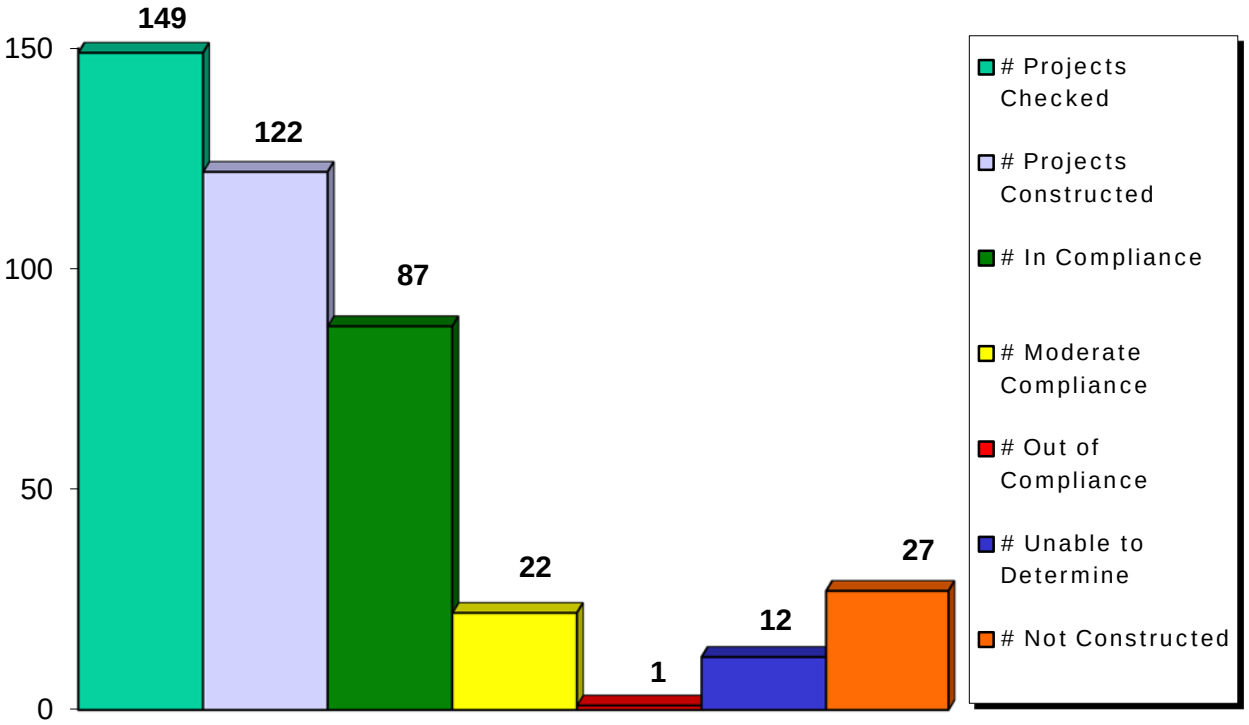


Figure 28 – Inspections for randomly selected wetland permits issued in 1993.

1992 Inspections



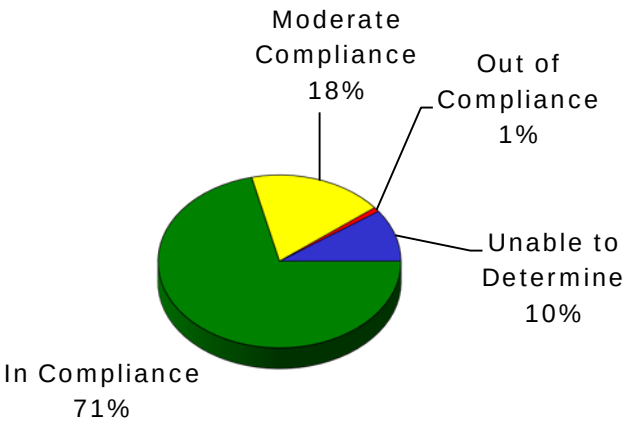


Figure 29– Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1992.

1991 Inspections

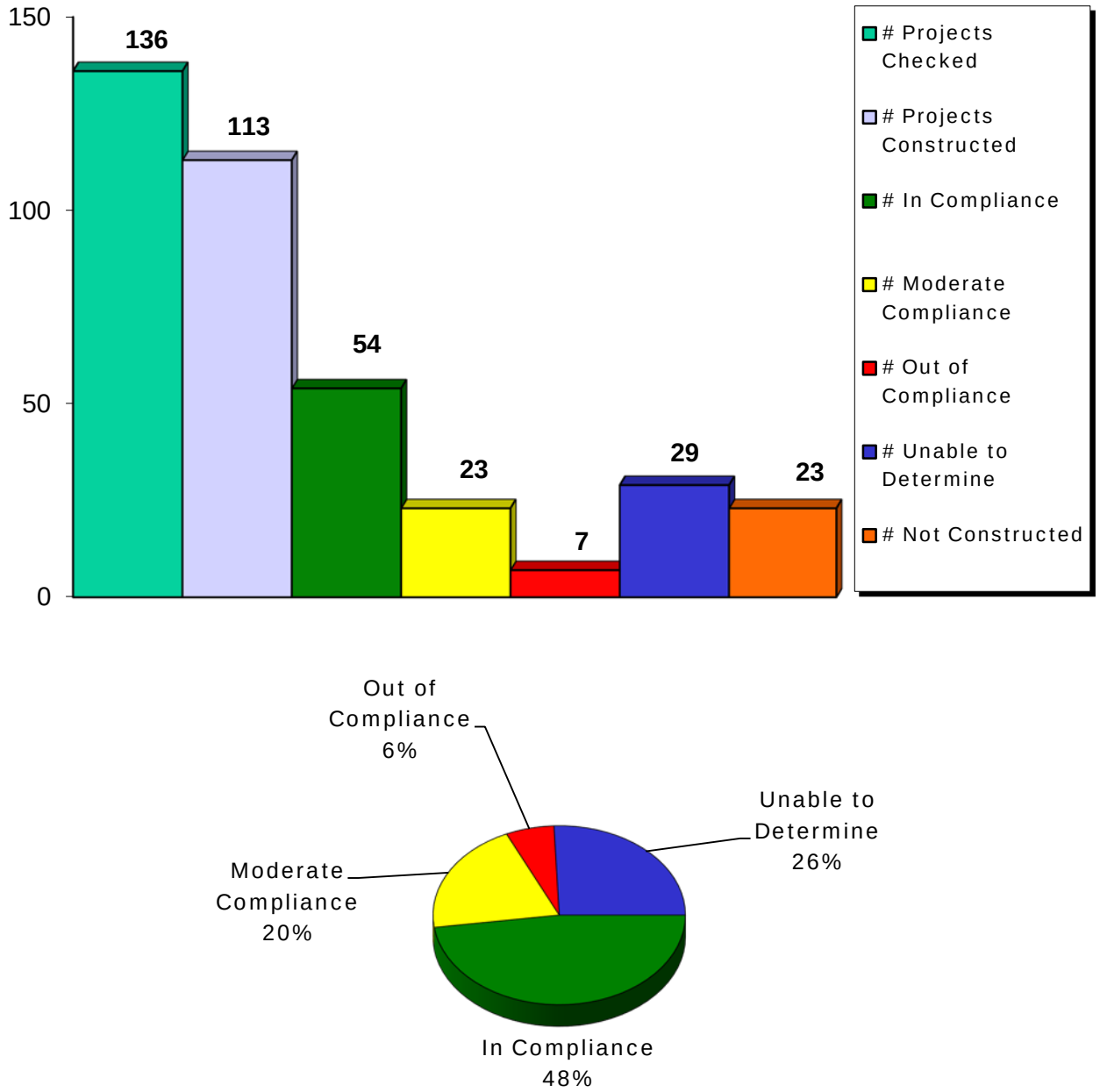
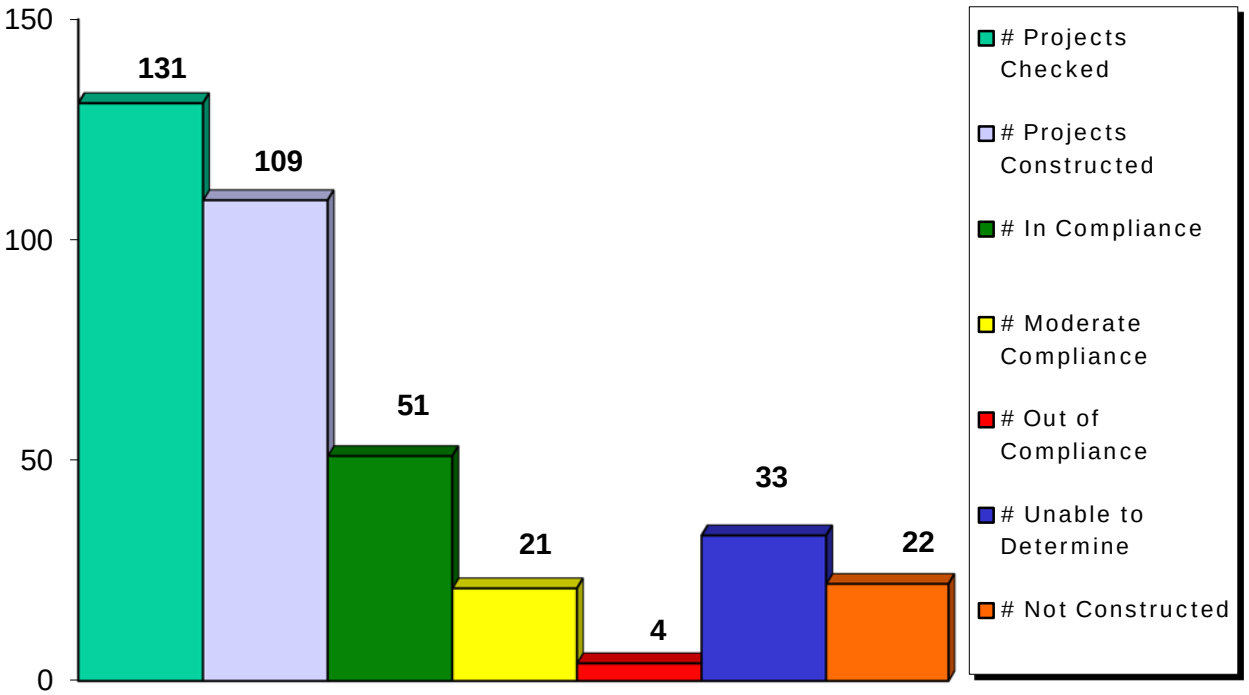


Figure 30 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1991.

1990 Inspections



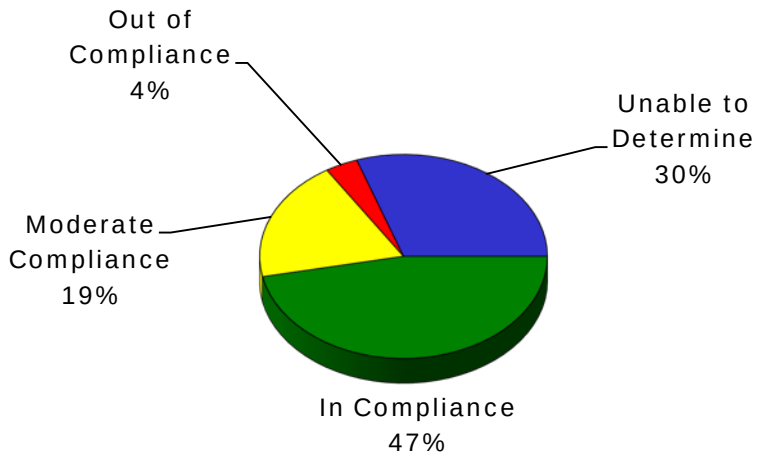


Figure 31 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1990.

1989 Inspections

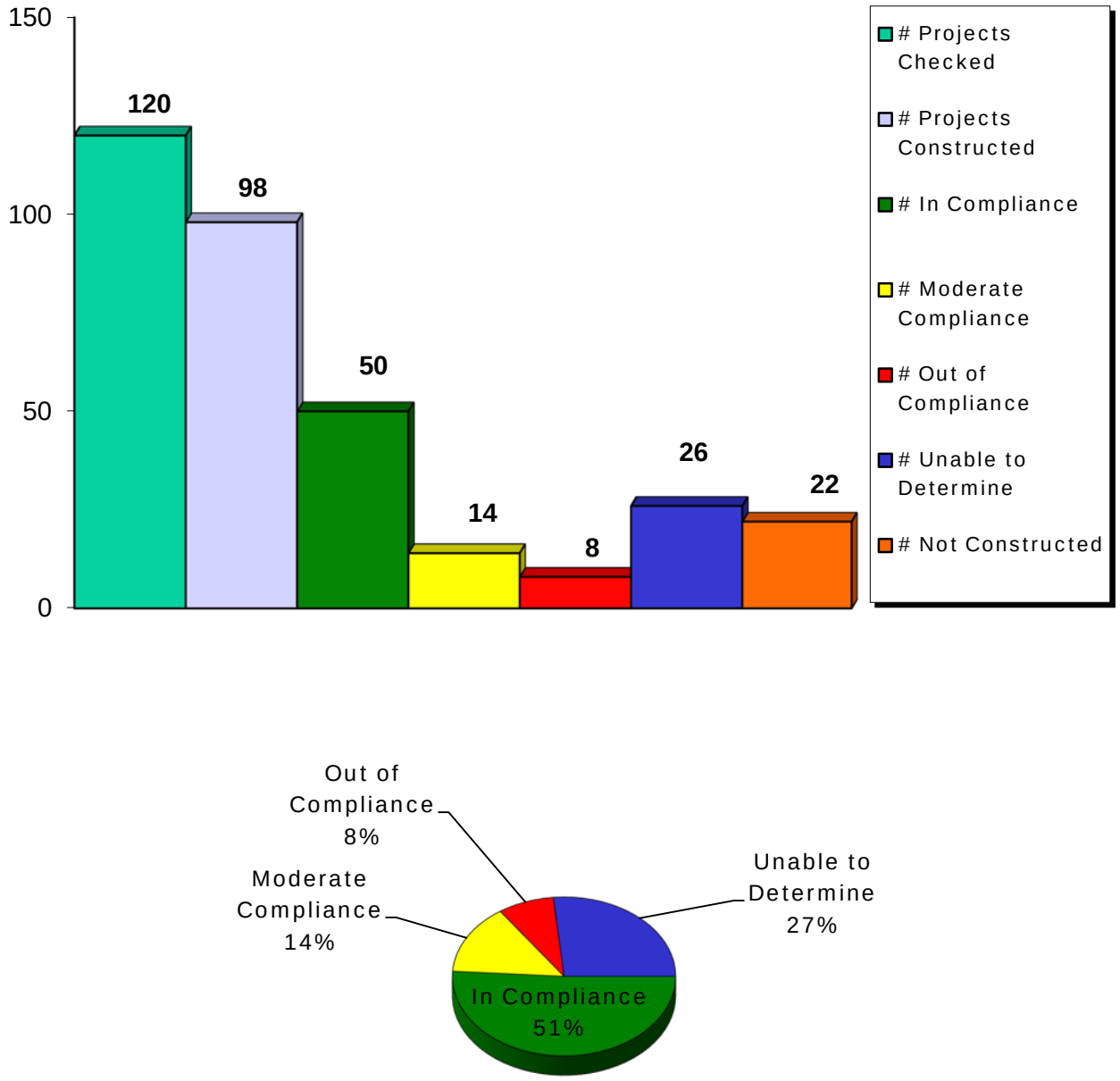


Figure 32 – Inspections for randomly selected wetland and VMRC subaqueous permits issued in 1989.

Table 1

Number of projects selected for the compliance survey in each locality

	Year																														
Locality	**18**	**17**	**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	5	5	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	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	0	1	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	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	0	0	1	2	0	1	0
Colonial Height	1	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	0
Essex	2	2	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	0	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	0	0
Gloucester	13	8	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	0	0	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	0	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	1	1	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	0	3	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 & Queen	1	1	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	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	0	1	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	15	9	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

	Year																														
Locality	**18**	**17**	**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	6	12	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	11	16	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	0	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	1	1	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	8	9	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	3	3	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	25	26	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	2	0	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	0	0	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	0	0	1	1	0	0	0	0	2	5	2	0	0	0	1	0	1	0	1	1
Richmond Co.	5	0	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	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	0	2	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	0	0	2	0	1	1	0	0	0	0	1	0	1	0	0
Virginia Beach	20	20	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	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0
Westmoreland	7	6	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	3	3	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

	Year																	
	18	**17**	**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	130	130	100	125	240	212
# of Projects Constructed	119	118	107	116	112	113	118	118	114	109	110	114	116	114	76	119	185	188
% of Projects Reviewed	92%	91%	82%	89%	86%	87%	91%	91%	88%	84%	85%	88%	89%	88%	76%	95%	77%	89%
# in Compliance	107	105	94	99	96	106	107	106	103	99	101	106	104	105	66	100	171	169
% of Projects Constructed	90%	89%	87%	85%	86%	82%	91%	90%	90%	91%	91%	93%	90%	92%	87%	85%	93%	90%
# in Moderate Compliance	0	3	2	0	3	0	1	3	6	4	0	5	6	5	3	12	11	7
% of Projects Constructed	0%	2%	2%	0%	3%	0%	1%	3%	5%	4%	0%	4%	5%	4%	4%	10%	6%	4%
# Out of Compliance	0	1	1	2	0	0	0	1	0	0	2	0	2	4	3	4	0	0
% of Projects Constructed	0%	1%	1%	2%	0%	0%	0%	1%	0%	0%	2%	0%	2%	4%	4%	3%	0%	0%
# Compliance Indeterminable	12	9	10	15	13	7	10	8	5	6	7	3	4	0	4	2	3	12
% of Projects Constructed	10%	8%	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

	Year											
	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 Reviewd	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	
Williamsburg		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 2020

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.

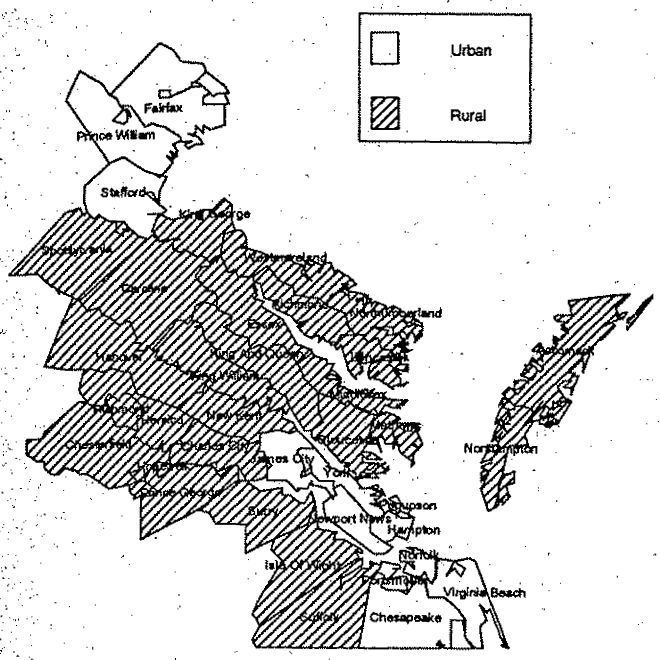
The 140 selected applications were screened and those applications which were submitted after-the-fact, involved only subaqueous dredging, or had not yet received a permit due to delays or denial were discarded. After screening, 120 projects remained in the sample group. Prior to conducting the survey 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 10 Urban	120 Projects Reviewed	13 Subaqueous 81 Wetlands 26 Both

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

Figure 1. Tidewater Virginia



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

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

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

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

Categories 1ç2 and 3 were fairly straightforward and easy to assess. The distinction between those projects considered to be in moderate compliance or out of compliance was more difficult to make and became somewhat subjective. As a rule, however, those projects considered to be moderately in compliance possessed an average additional encroachment which did not exceed 6 inches greater than the permitted alignment, and had length and square foot measurements which were no more than 10% greater than that authorized. Those projects exceeding either of the above thresholds were considered to be out of compliance.

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

Results

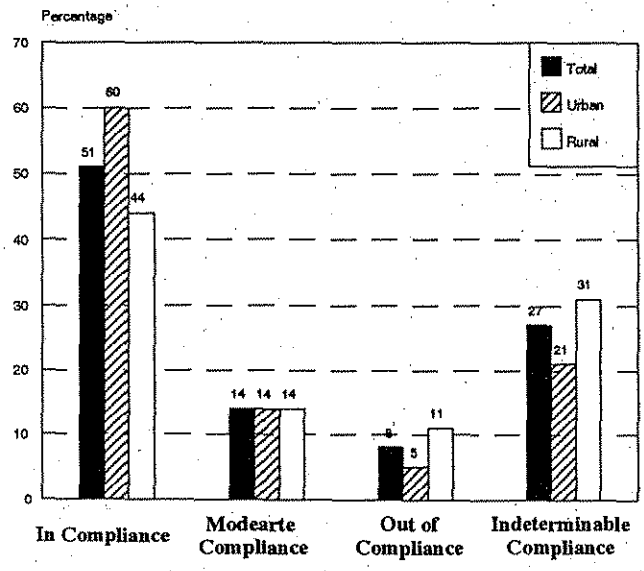
The results of the survey are summarized in Table 2. You will note that the survey results were subdivided into rural and urban categories. This was done in an effort to ascertain if there were any demographic differ- e ences in compliance levels. For the purpose of this study, rural localities were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

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

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

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

Figure 2.
Projects categorized by level of compliance.



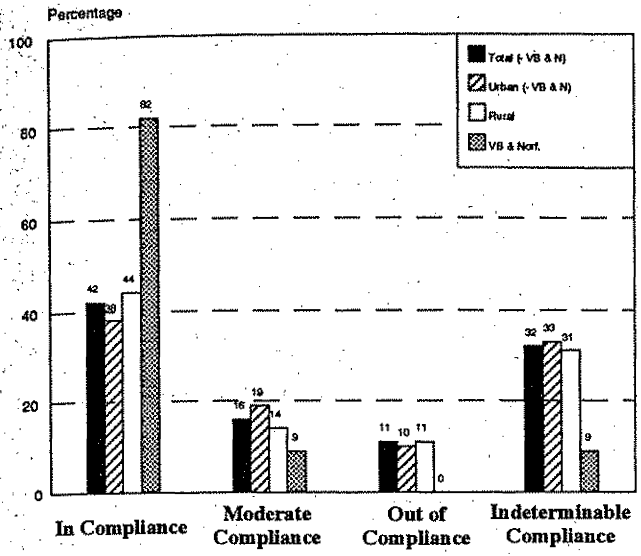
Due to the somewhat subjective nature of the data and the low number of samples in some of the subgroups, no statistical tests for significance were attempted. Nevertheless, there appears to be a discernible difference between rural and urban localities in all the categories other than "Moderate Compliance."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

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

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

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

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



Discussion

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

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

The primary problem identified during the survey was the inability to precisely determine compliance at 27% of the sites visited. Many of the permits did not have adequate drawings or benchmarks to ensure compliance. Additionally, many permits contained ambiguous conditions such as, "approximately" or "as close to the bank as possible", which are by their nature virtually unenforceable. Compliance determinations are made more difficult when the person inspecting the constructed project was not present during the initial site visit and is therefore unfamiliar with preconstruction conditions. Without the aid of precise benchmarks or other means to pinpoint the alignment of a project, compliance determinations are difficult at best and frequently impossible.

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

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

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

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

SUMMARY AND RECOMMENDATIONS

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

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

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

Recommendations to Wetlands Boards to Enhance Compliance Efforts

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

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

1. Require detailed drawings for all projects requiring a wetlands permit. At a minimum, all of the information contained in the Joint Permit Application drawing checklist should be included in the drawings. Some boards have taken this a step further and require professionally engineered drawings on all projects, while others require such P. E. stamped drawings only on commercial projects or large projects that surpass a certain threshold of impact. These requirements should be clearly established as wetland board policies. An application should 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

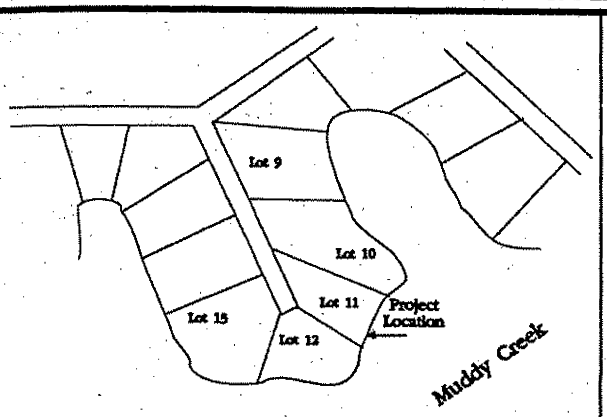
Bradshaw, J.G. 1990, Monitoring of compliance with permits granted by local wetlands boards. Technical Report No. 90-1. 7p. College of William and Mary, Virginia Institute of Marine Science, Wetlands Program, Gloucester Point, Virginia.

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.

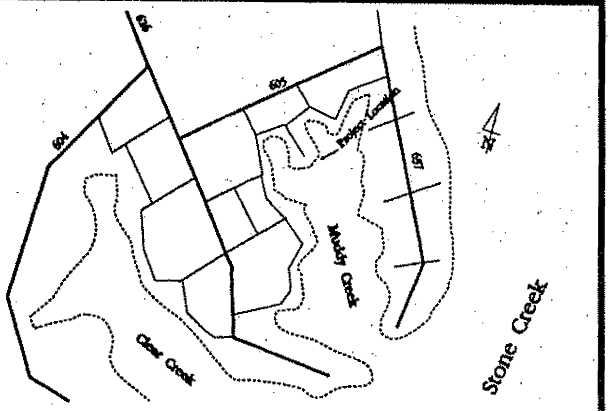
University of Virginia, Center for Public Service, 1987. Virginia Statistical Abstract. Center for Public Service, University of Virginia. Charlottesville, Va.

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

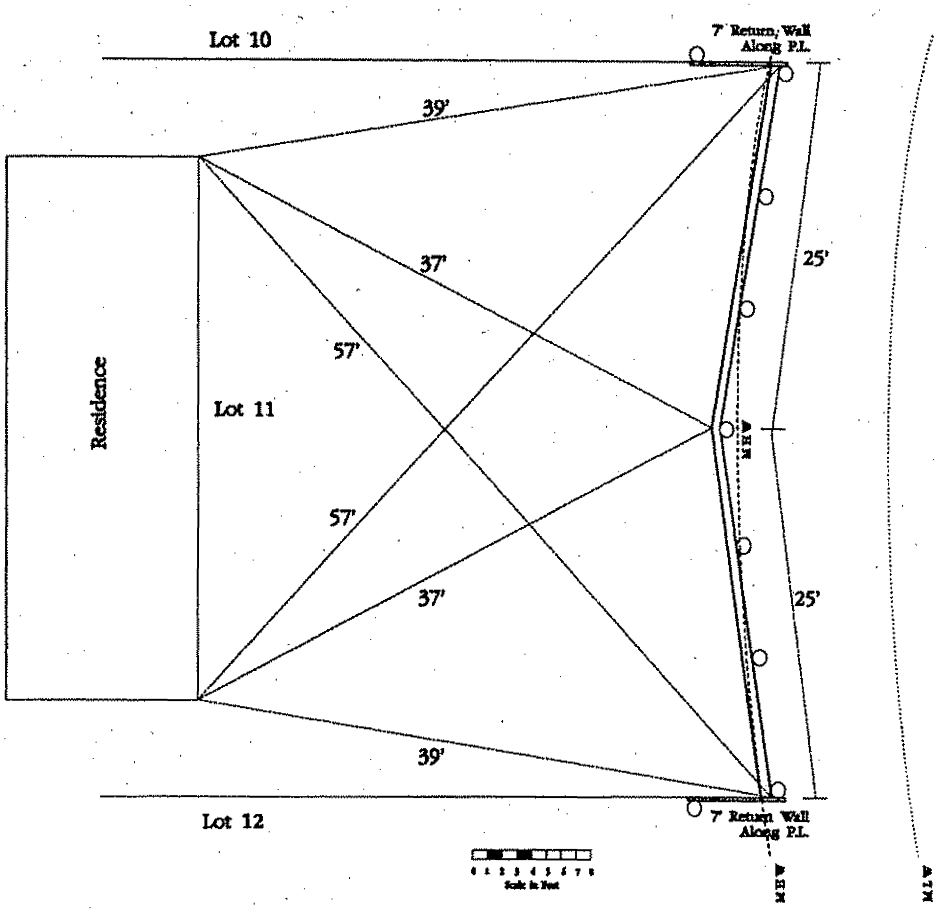
Attachment 1



Site Map



Vicinity Map



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

Attachment 2

PROJECT COMPLIANCE ASSESSMENT

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

1. Permitee _____

2. Location (Waterway) _____
   (City/County) _____

3. Project Description _____

4. Project Completed? Yes____ No____

5. Date of Permit Expiration (VMRC) _____
   (LWB) _____

6. Project Dimensions as Permitted _____
   _____
   _____

7. Project Dimensions as Constructed _____
   _____
   _____

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

9. Degree of Compliance: In Compliance Moderate Out of Compliance

10. Additional Comments _____
    _____
    _____

Attachment 3

Permit # _____

Commonwealth of Virginia
Marine Resources Commission
Authorization

A Permit has been issued to: _____
(Name)

_____
(Address)

_____

The Permit Authorizes : _____
_____
_____
_____.

Issuance Date _____, Expiration Date _____.

_____
(Commissioner or Designee)

_____
(Notary Public)

_____
(Commission Expires)

This Notice Must Be Conspicuously Displayed At Site Of Work

ATTACHMENT B

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

VIRGINIA MARINE RESOURCES COMMISSION
Permit Compliance
And
Inspection Program

November 2020

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

Regulatory Agency Contact Information

Virginia Marine Resources Commission (VMRC)
Habitat Management Division
Building 96, 380 Fenwick Rd
Ft. Monroe, Virginia 23651
Phone: (757) 247-2200, Fax: (757) 247-2002
Website: http://www.mrc.virginia.gov/hmac/hmoverview.shtm

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: https://www.nao.usace.army.mil/

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

LOCAL WETLANDS BOARD (LWB) CONTACT INFORMATION:
Links to LWB information on the Web can be found at https://www.vims.edu/ccrm/advisory/ccrmp/lwb/
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.

Check all that apply		
Pre-Construction Notification (PCN) ☐ NWP # _____ (*For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned*)	Regional Permit 17 (RP-17) ☐	

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) (Use if more than one owner)
(If different from Applicant)

_____ _____
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.

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 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 ≤ 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, 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)

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

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

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

   Type Length Width Draft Registration #

   _____

   _____

   _____

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

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

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

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)

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

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

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

   - Volume of material _____ cubic yards channelward of mean low water
     _____ cubic yards landward of mean low water
     _____ cubic yards channelward of mean high water
     _____ cubic yards landward of mean high water

   - Area to be covered _____ square feet channelward of mean low water
     _____ square feet landward of mean low water
     _____ cubic yards channelward of mean high water
     _____ cubic yards landward of mean high water

   - Source of material, composition (e.g. 90% sand, 10% clay):_____
   - Method of transportation and placement:

     _____

   - Describe any proposed vegetative stabilization measures to be used, including planting schedule, spacing, monitoring, etc. Additional guidance is available at http://www.vims.edu/about/search/index.php?q=planting+guidelines:

Part 3 – Appendices (continued)

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

1. What is the purpose and method of installation of the crossing?

2. What is the width of the waterway and/or wetlands to be crossed
   from mean high water to mean high water (tidal waters)? _____ feet.
   from mean low water to mean low water (tidal waters)? _____ feet.
   from ordinary high water to ordinary high water (non-tidal waters)? _____ feet.

3. For bridges (footbridges, golf cart bridges, roadway bridges, etc.), what is the width of the structure over the tidal wetlands, dunes/beaches and/or submerged lands? _____square feet.

4. For overhead crossings:
   a. What will be the height above mean high water? _____feet.
   b. If there are other overhead crossings in the area, what is the minimum height? _____feet.
   c. If the proposed crossing is an electrical line, please confirm the total number of electrical circuits: _____

5. For buried crossings, what will be the depth below the substrate? _____feet. Will the proposed utility provide empty conduits for any additional utilities that may propose to co-locate at a later date? _____Yes _____No.

6. Will there be any excavation or fill required for placement of abutments, piers, towers, or other permanent structures on State-owned submerged lands, tidal wetlands, and dunes/beaches? ____Yes ____ No.

   If yes, please provide the following:

   a. Amount of excavation in wetlands _____ cubic yards
      _____ square feet

   b. Amount of excavation in submerged land _____ cubic yards
      _____ square feet

   c. Amount of excavation in dune/beach _____ cubic yards
      _____ square feet

   d. Amount of fill in wetlands _____ cubic yards
      _____ square feet

   e. Amount of fill in submerged lands _____ cubic yards
      _____ square feet

   f. Amount of fill in dune/beach _____ cubic yards
      _____ square feet

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. _____

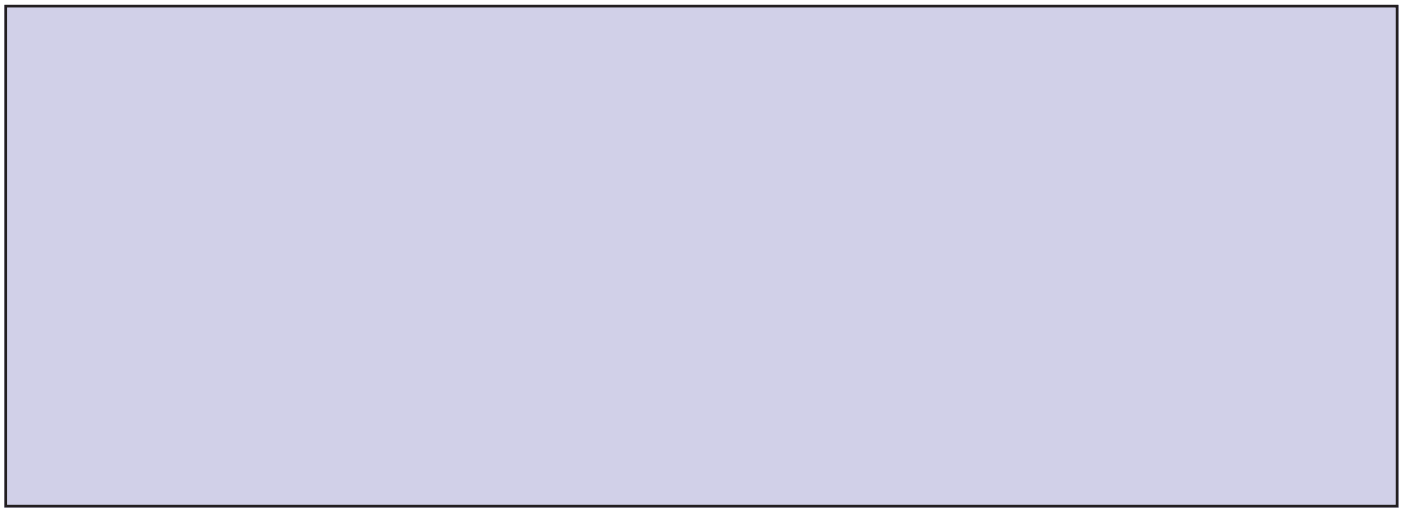
7. A detailed description of the enclosures to include width, length and height.

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.

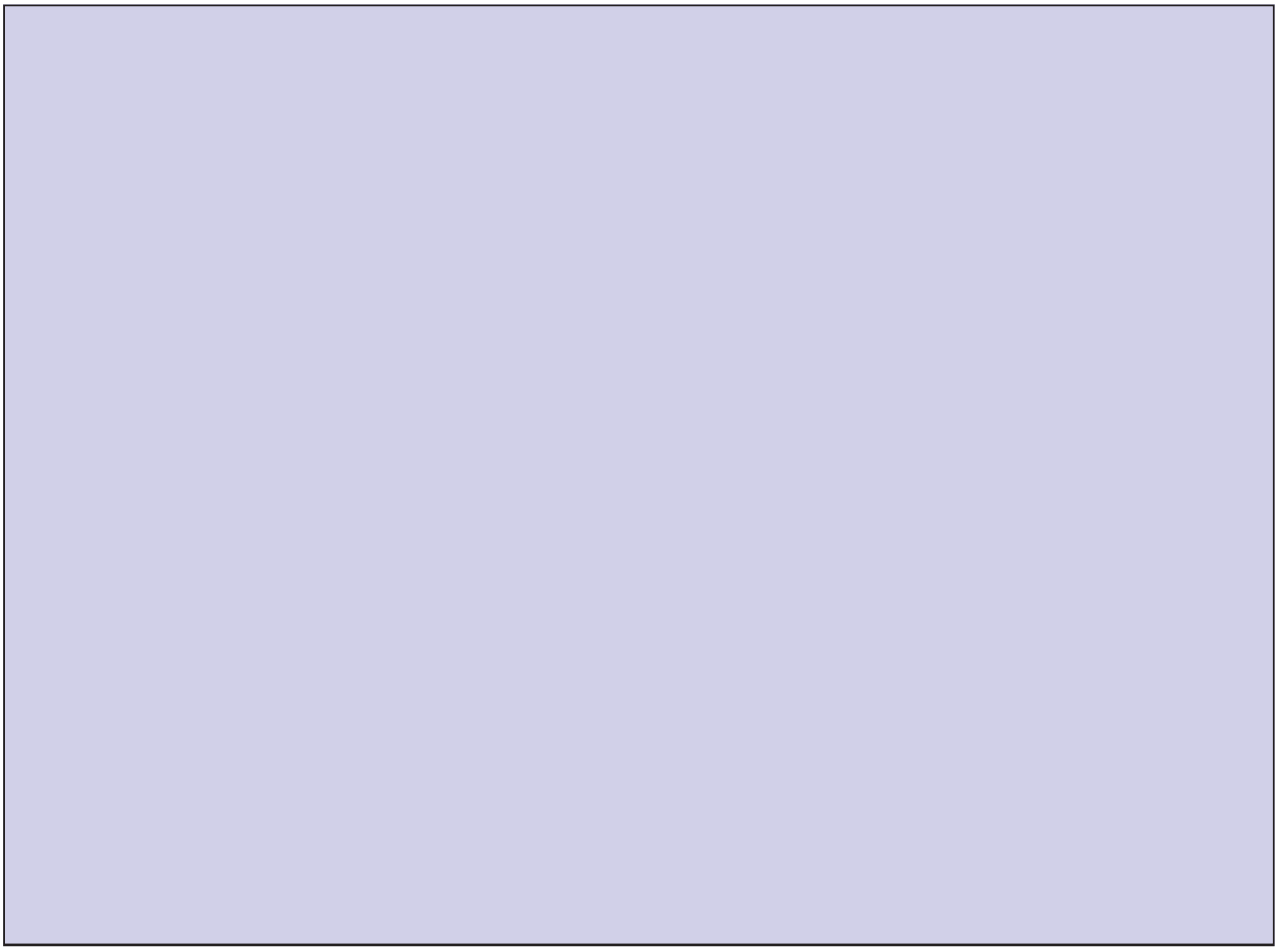
9. Provide the date enclosures are proposed to be deployed _____. How will the structures be secured? _____.

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 <u>ALL</u> 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.**

<u>Notes for all projects in RPAs</u>

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.

<u>Notes for shoreline erosion control projects in RPAs</u>

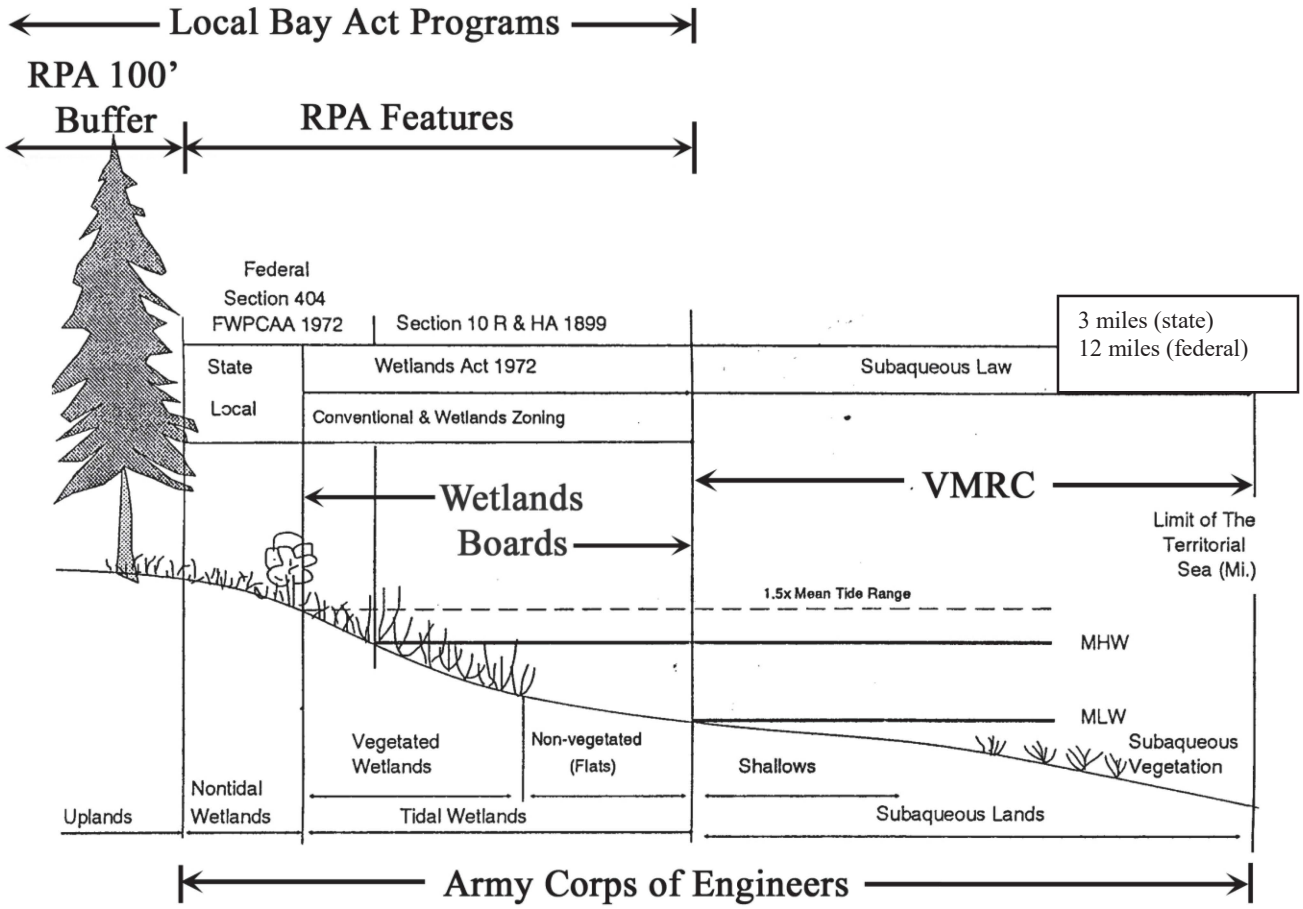
Re-establishment of woody vegetation in the buffer will be required by the locality to mitigate for the removal or disturbance of buffer vegetation associated with your proposed project. Please contact the local government to determine the mitigation requirements for impacts to the 100-foot RPA buffer.

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:

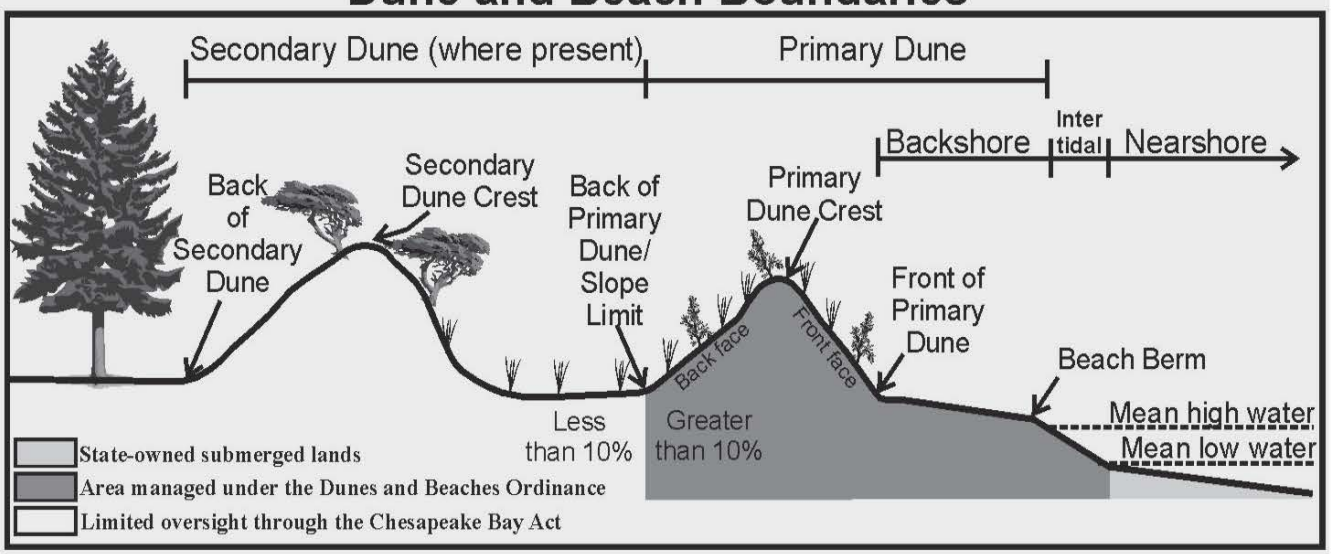
1. Any proposed shoreline erosion control measure is necessary and consistent with the nature of the erosion occurring on the site, and the measures have employed the "best available technical advice"
2. Indigenous vegetation will be preserved to the maximum extent practicable
3. Proposed land disturbance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

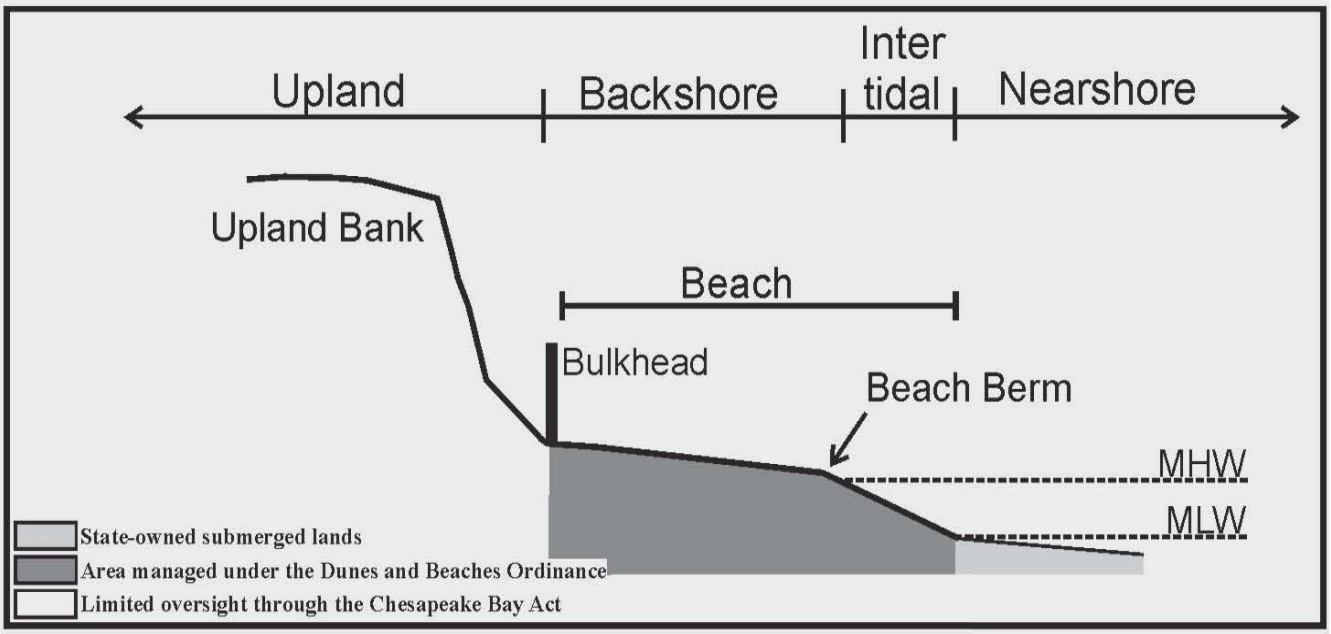
Jurisdictional Boundaries

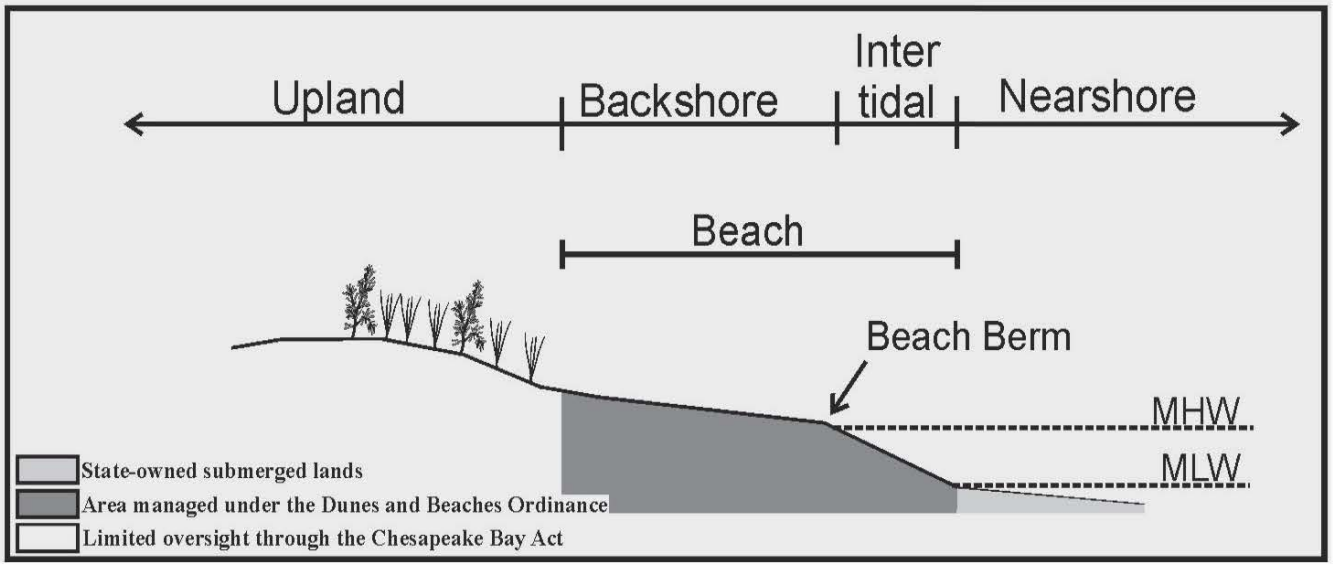


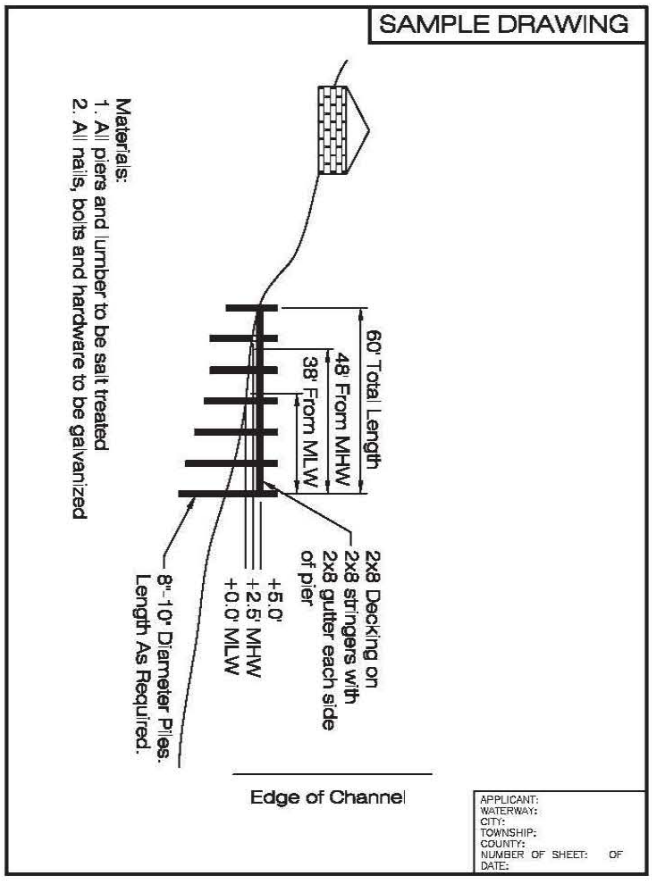
and DEQ (including isolated wetlands)

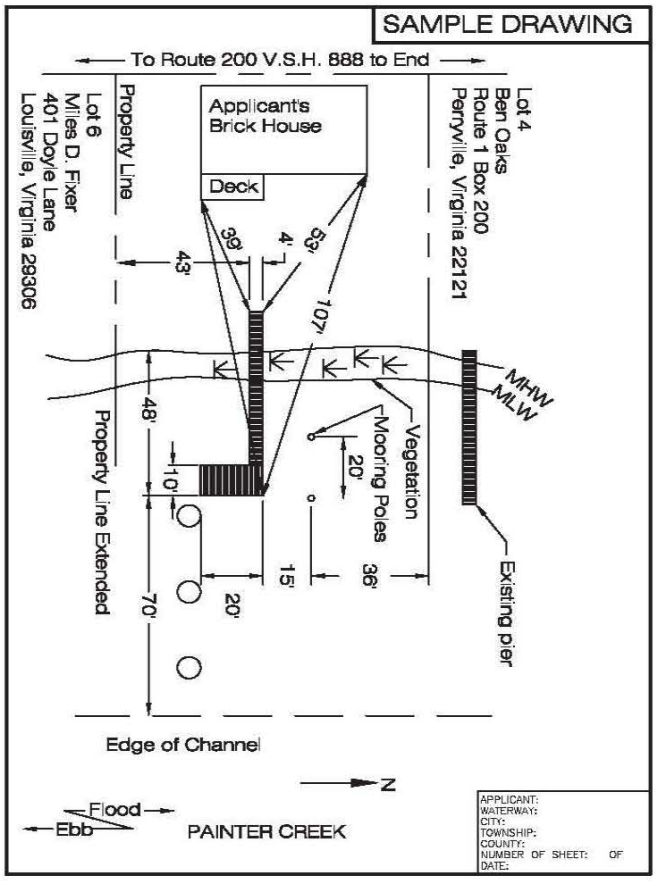
Dune and Beach Boundaries



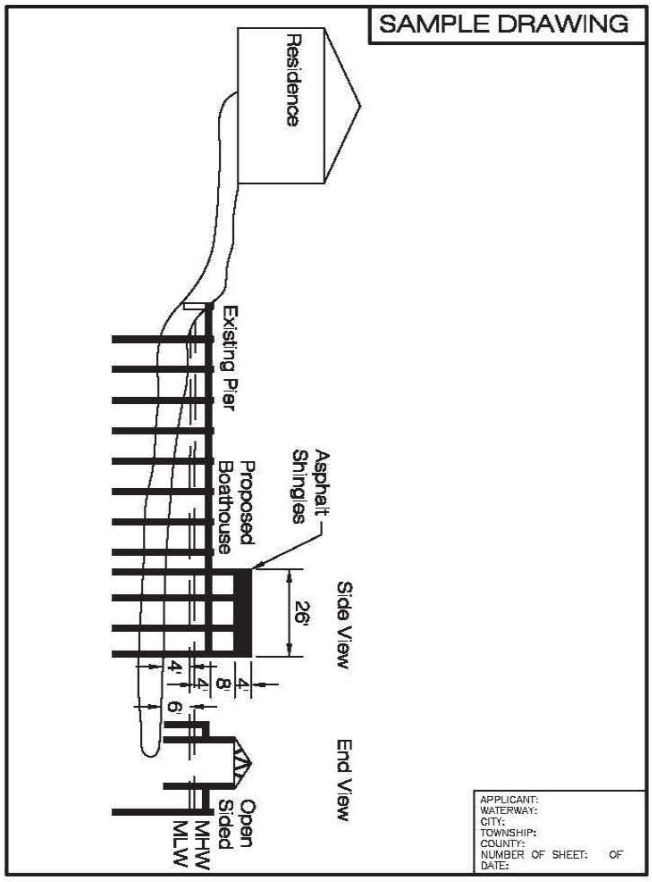


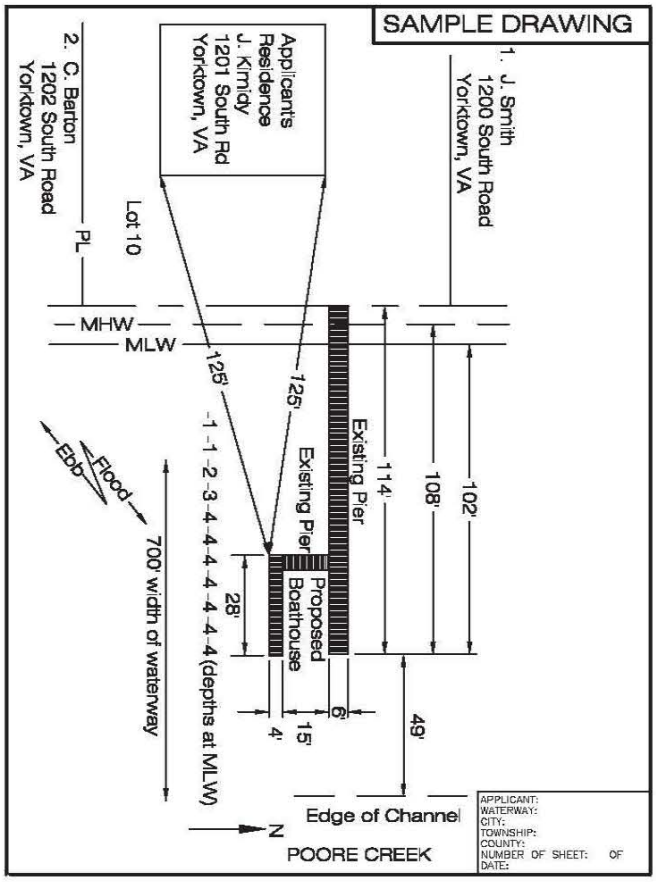




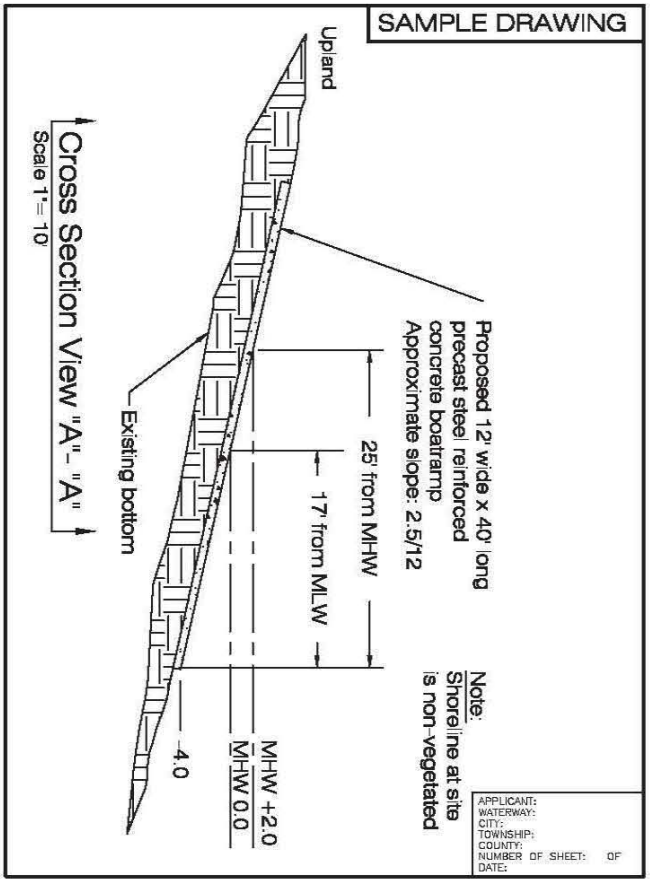


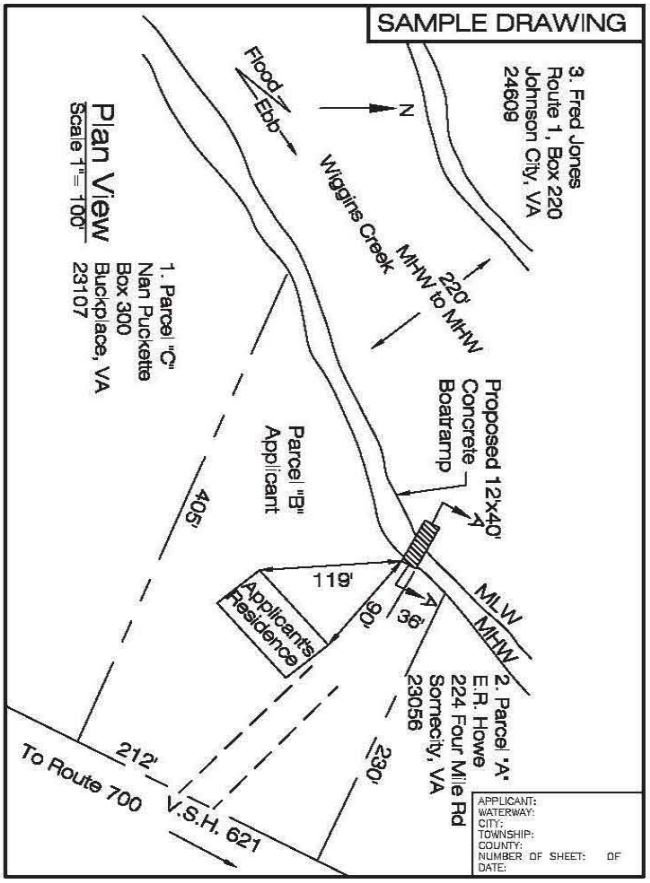
Private Piers & Marginal Wharves



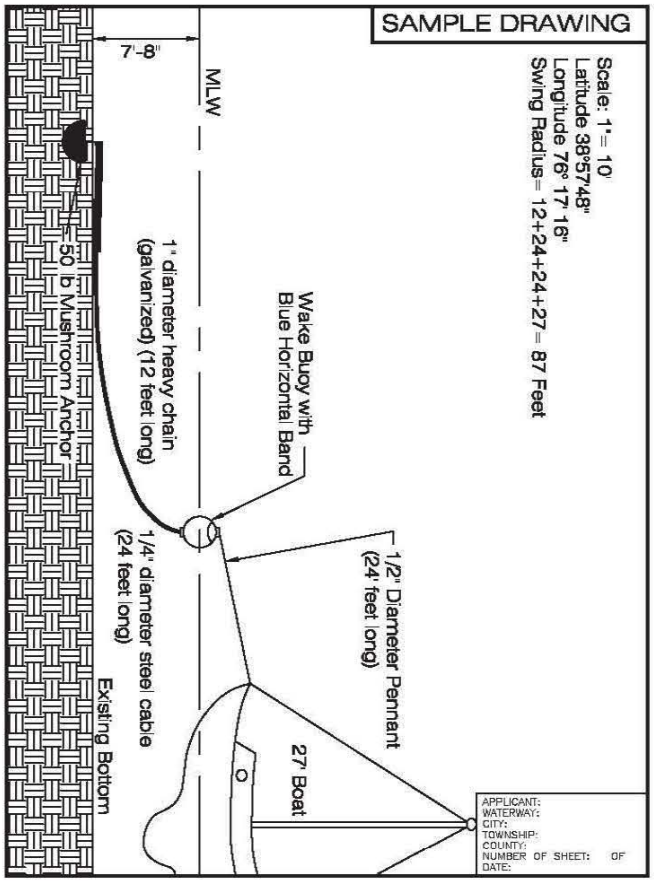


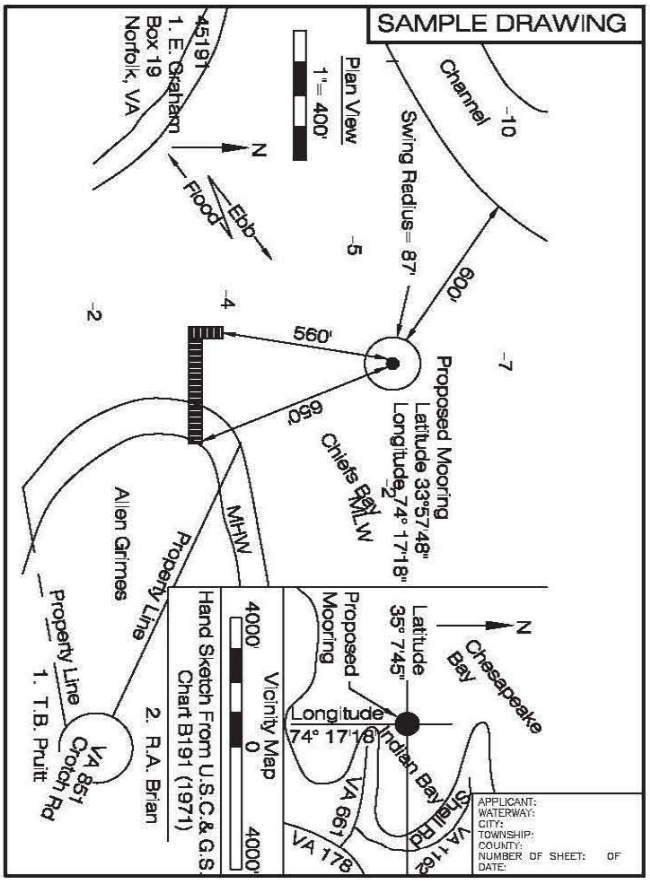
Boathouses



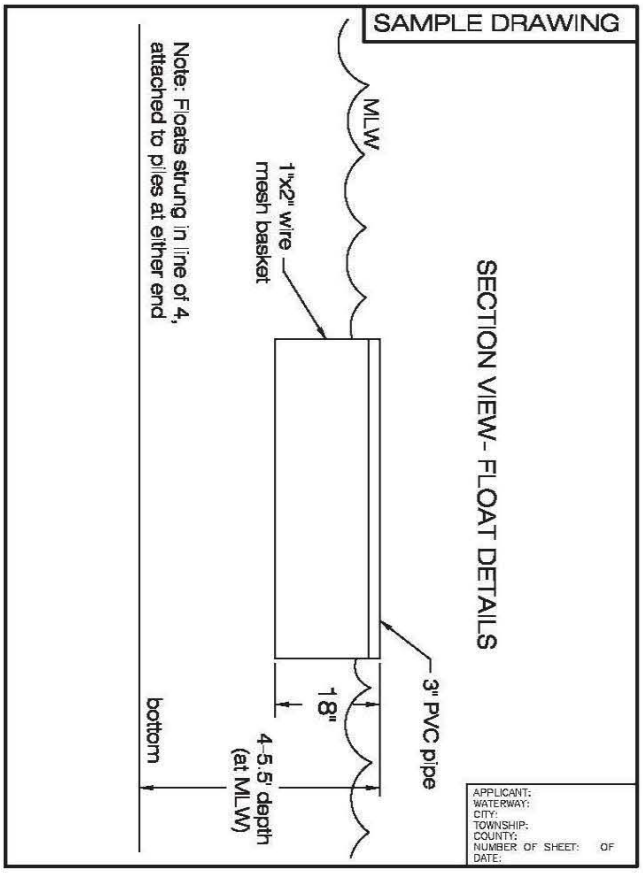


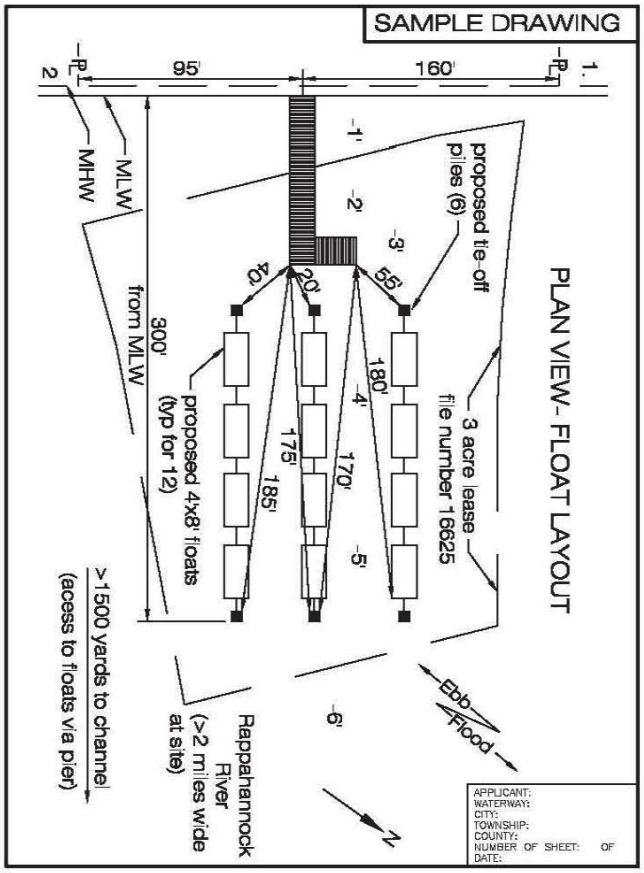
Boat Ramps



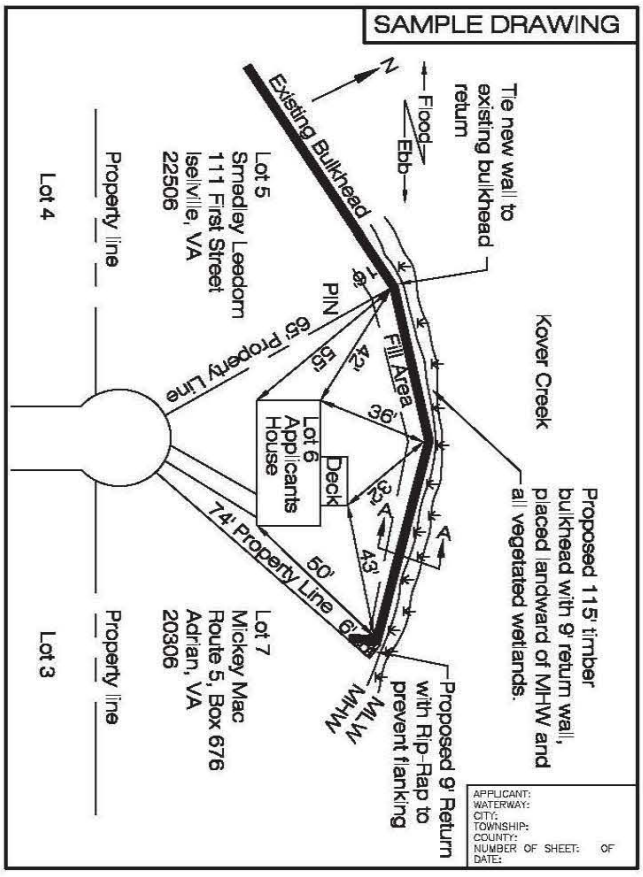


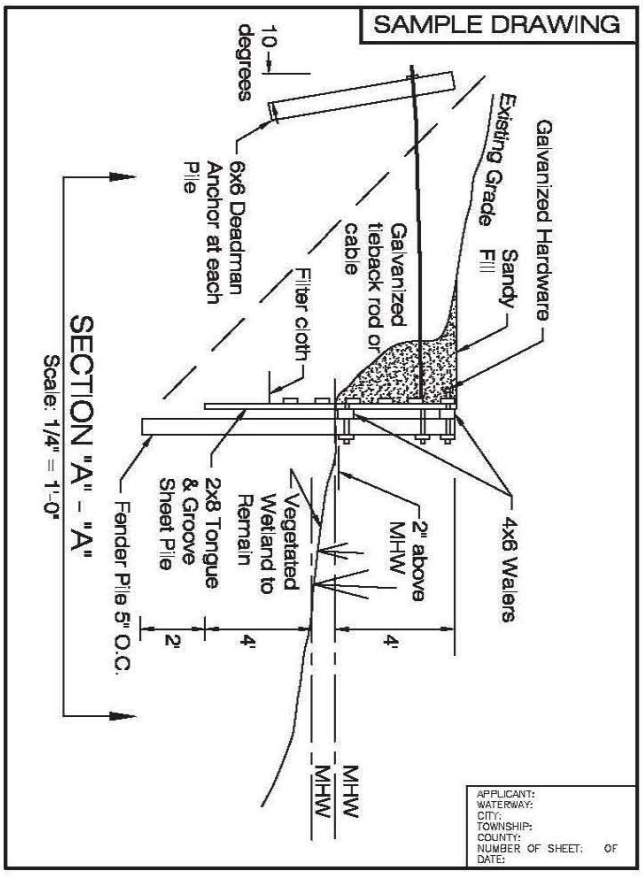
Dolphins or Moorings



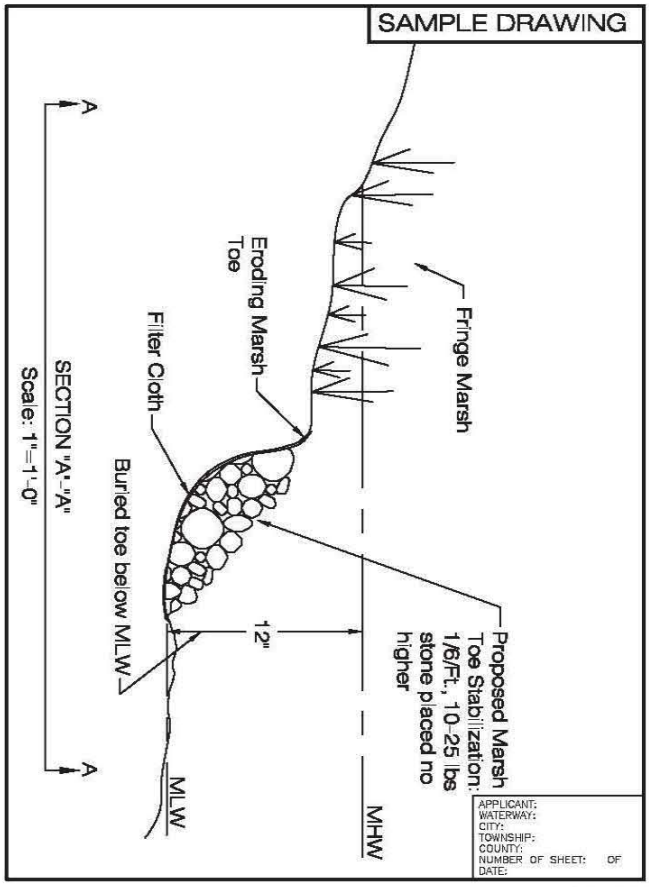


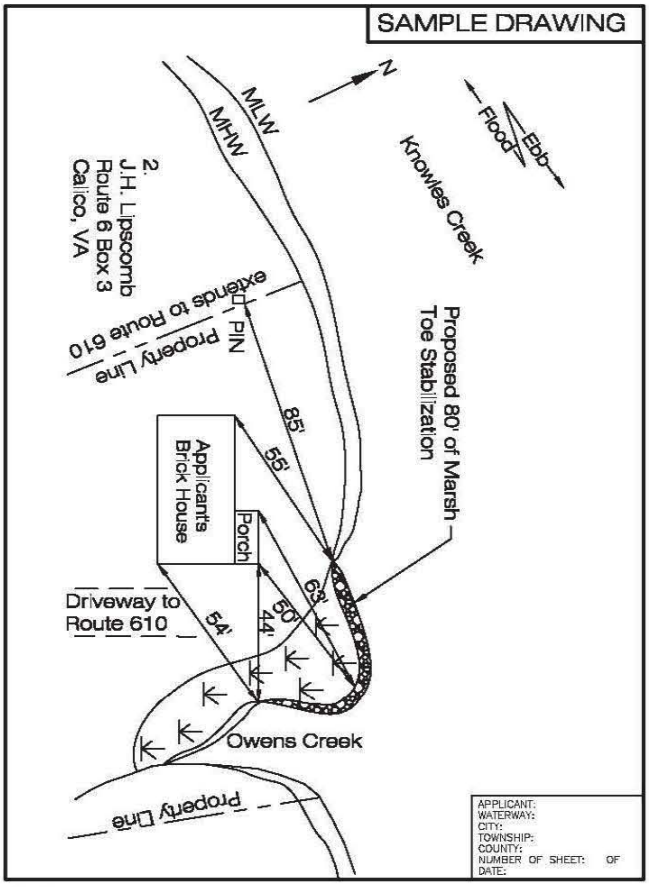
Private & Commercial Aquaculture Activities



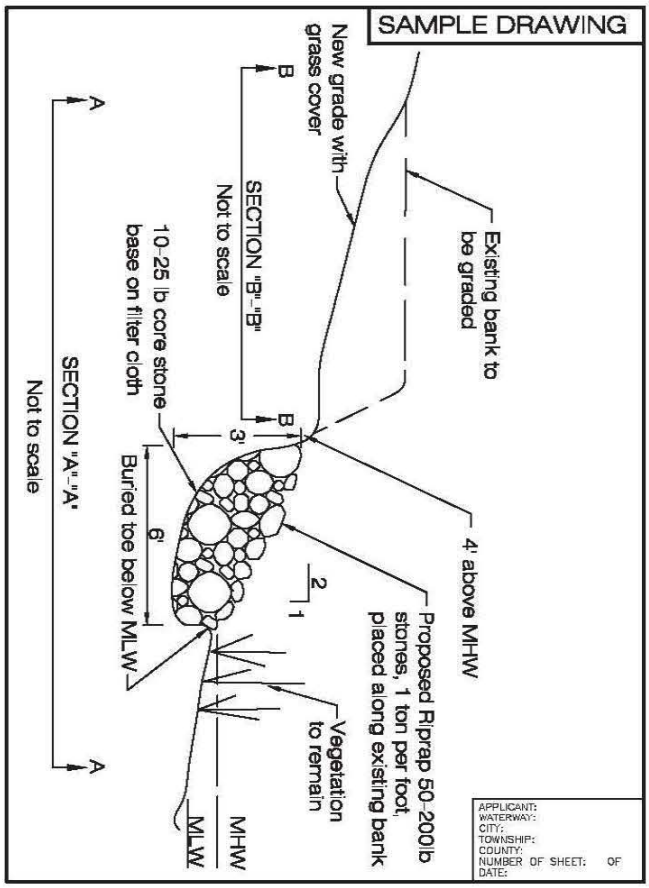


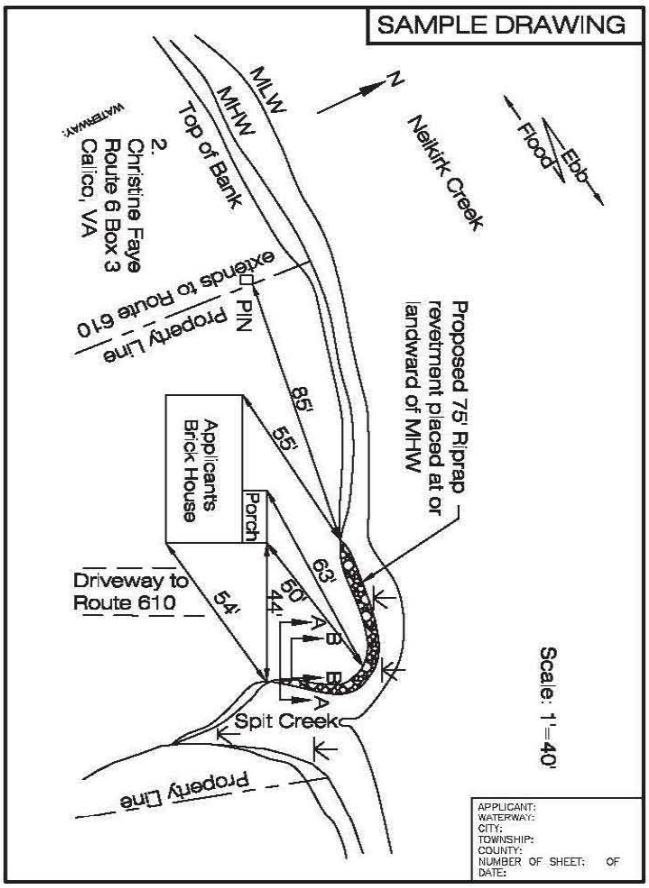
Bulkheads and Associated Backfill





Marsh Toe Stabilization

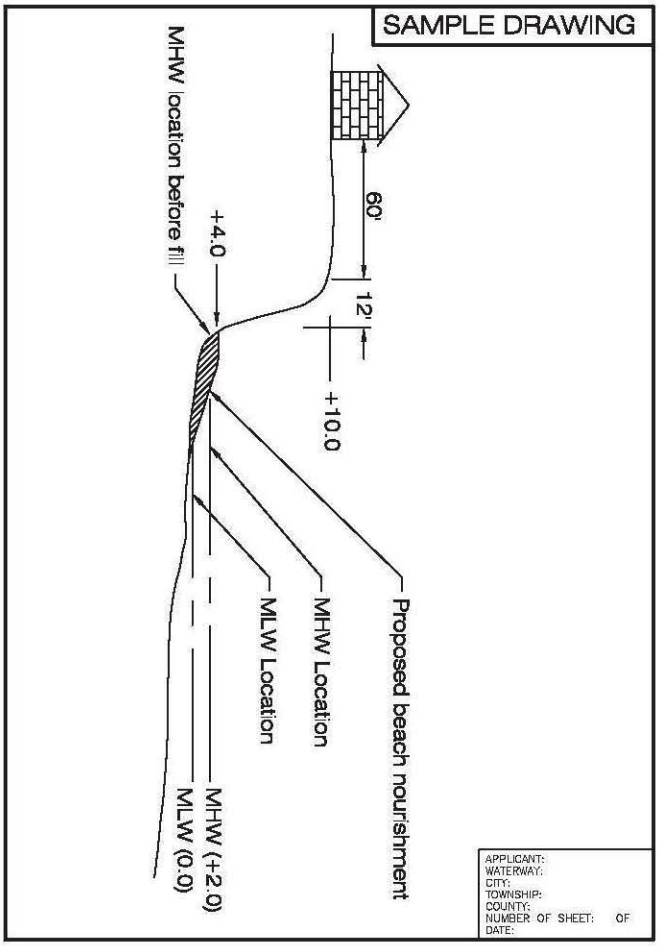


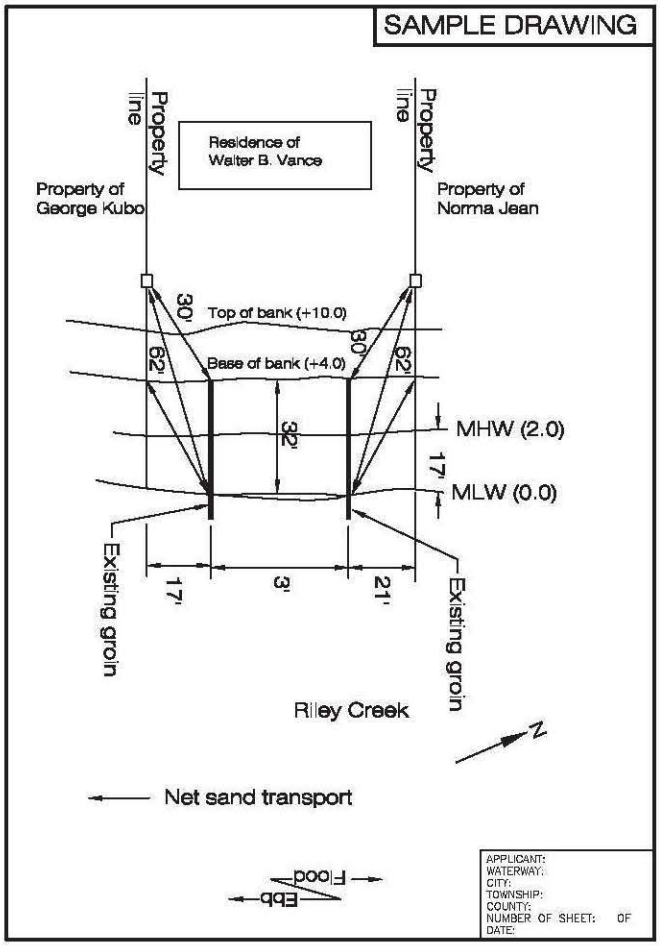


Riprap Revetment & Associated Backfill

Breakwaters

Groins & Jetties





Beach Nourishment

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 learn more about Bay Act requirements, or find local government contacts, please visit the Virginia Department of Environmental Quality at https://www.deq.virginia.gov/our-programs/water/chesapeake-bay/chesapeake-bay-preservation-act.

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/femaportal/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 https://www.deq.virginia.gov/laws-regulations/water. Information on wetland and stream compensatory mitigation is available at https://www.deq.virginia.gov/laws-regulations/water. 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.

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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 ½ x 11 inch sheets of paper.***

Check all that apply			
Pre-Construction Notification (PCN) ☐ NWP # _____ (*For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned*)	SPGP ☐	DEQ Reapplication ☐ Existing permit number: _____	Receiving federal funds ☐ Agency providing funding: _____
Regional Permit 17 (RP-17) ☐			

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: James River Sub-basin: Middle James River*)

Special Standards (based on DEQ Water Quality Standards 9VAC25-260 et seq.): _____

Project type (check one)
_____ Single user (private, non-commercial, residential)
_____ Multi-user (community, commercial, industrial, government)
_____ 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 https://consapps.dcr.virginia.gov/htdocs/maps/HUExplorer.htm) :
_____ _____

Name of your project (*Example: Water Creek driveway crossing*) _____

Is there an access road to the project? ☐ Yes ☐ No. If yes, check all that apply: ☐ public ☐ private ☐ improved ☐ unimproved

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 *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*					
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					
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? ___ Yes _ _ 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

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

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 of the structure from Mean high water/ordinary high water mark: _____ feet Mean low water: _____feet
Maximum channelward encroachment form the back edge of the Dune _____feet	*Maximum* channelward encroachment from the back edge of the Beach _____feet

Describe the type of construction including all materials to be used (including all fittings). Will filter cloth be used? ____Yes ____No

What is the source of the backfill material? _____

What is the composition of the backfill material? _____

If rock is to be used, give the average volume of material to be used for every linear foot of construction: _____cubic yards
What is the volume of material to be placed below the plane of ordinary high water mark/mean high water? _____cubic yards

For projects involving stone:
Average weight of core material (bottom layers): _____pounds per stone (Class_____)
Average weight of armor material (top layers): _____pounds per stone (Class_____)

Are there similar shoreline stabilization structures in the vicinity of your project site? _____Yes _____No
If so, describe the type(s) and location(s) of the structure(s):

If you are building a groin or jetty, will the channelward end of the structure be marked to show a hazard to navigation? _____Yes _____No	Has your project been reviewed by the Shoreline Erosion Advisory Service (SEAS)? _____Yes _____No If yes, please attach a copy of their comments.

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_____

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? ____ Yes ____ No	Total area occupied by any structure. _____ Square Feet
How far will the structure be placed channelward from the back edge of the dune? _____feet	How far will the structure be placed channelward from the back edge of the beach? _____feet

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.

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:
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.epa.gov/sites/default/files/2015-07/documents/ncd_review_checklist.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): ☐ mechanized land clearing that disturbs the soil surface
☐ cutting vegetation above the soil surface

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

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)

22. IMPOUNDMENTS, DAMS, AND STORMWATER MANAGEMENT FACILITIES (Continued)

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

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

Does the proposed design include a vegetation management area per §10.1-609.2? ___ Yes ___ No ___ Uncertain
If your answer to these questions is no or uncertain, you should contact the Virginia Department of Conservation and Recreation's Dam Safety Program at (804) 371-6095, or reference the regulations on the Web at http://www.dcr.virginia.gov/dam_safety_and_floodplains/index.shtml

For stormwater management and flood control facilities:

Design storm event: _____year storm Retention time: _____hours

Current average flow (flow rate under normal rainfall conditions): _____cfs

Method used to derive average flow: _____

Proposed peak outflow for the design storm provided above: _____cfs

Has the facility been designed as an Enhanced Extended Detention Basin or an Extended Detention Basin in accordance with the Minimum Standard 3.07 of the Virginia Stormwater Management Handbook, Volume I (published by the Virginia Department of Conservation and Recreation, 1999), or in accordance with the latest version of this handbook? _____Yes _____No

Will the impoundment structure be designed to pass a minimum flow at all times? _____Yes _____No

If so, please give the minimum rate of flow: _____cfs

What is the drainage area upstream of the proposed impoundment? _____square miles

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

What is the area of vegetated wetlands that will be excavated and/or back-flooded by the impoundment? _____ square feet

What is the *area and length* of streambed that will be excavated and/or back-flooded by the impoundment? _____ square feet
_____ linear feet

Are fish ladders being proposed to accommodate the passage of fish? _____Yes _____No

23. OUTFALLS NOT ASSOCIATED WITH PROPOSED WATER WITHDRAWAL ACTIVITIES

Type and size of pipe(s): _____

Daily rate of discharge: _____mgd

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

Contributing drainage area: _____square miles Average daily stream flow at site:_____cfs

Have you received a Virginia Discharge Elimination System (VPDES) permit for the proposed project? ___ Yes ___ No.

If yes, please provide the VPDES permit number: _____.

If no, is there a permit action pending? ___ Yes ___ No. If pending, what is the facility name? _____.

The following sections are typically related to 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)

For intakes:

Type and size of pipe(s): _____

Type and size of pump(s): _____

Average and Maximum daily rate of withdrawal: _____ and _____ mgd

Velocity of withdrawal: _____ fps

Screen mesh size:_____ inches / _____ mm

If other sizing units, please specify:

_____

Contributing drainage area at withdrawal point(s): _____ square miles

Average daily stream flow at withdrawal point(s) (flow rate under normal rainfall conditions): _____ cfs

Method(s) used to derive average daily stream flow

_____

Average annual stream flow at withdrawal point(s): _____ cfs

Latitude and longitude of withdrawal point(s) (degrees, minutes, seconds): _____

For outfalls:

Type, size, and hydraulic capacity (under normal conditions) of pipe(s): _____, _____, and _____

Daily rate of discharge: _____ mgd

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

Contributing drainage area at discharge point(s): _____ square miles

Average daily stream flow at discharge point(s) (flow rate under normal rainfall conditions): _____cfs

Method(s) used to derive average daily stream flow

_____

Latitude and longitude of discharge point(s) (degrees, minutes, seconds): _____

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

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 and the local or regional water supply plan that covers the area in which the proposed water withdrawal project is located.
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

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(date of drawings)

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Adjacent property owner's signature

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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

- 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****:*

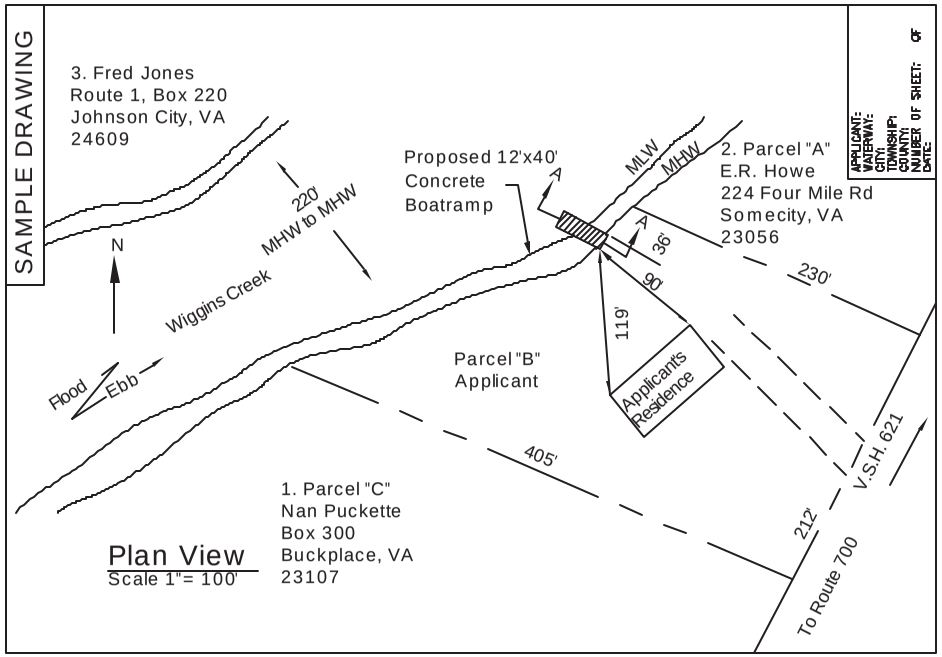
Resource impact/protection-specific Items:

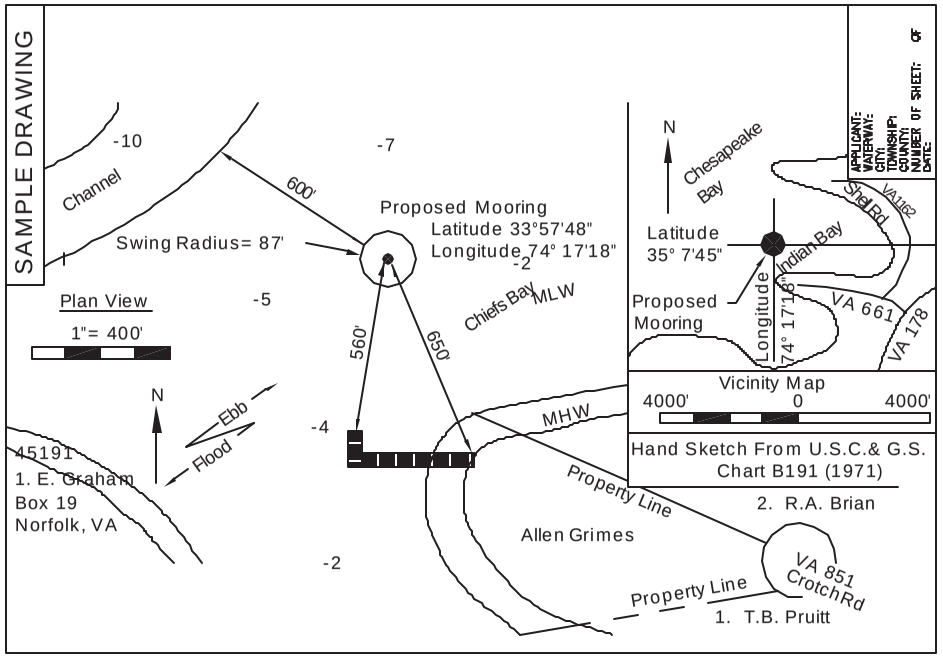
- Limits of: existing*, non-delineated* wetlands, open water, or streams, including submerged aquatic vegetation (SAV), riffle/pool complexes, or bars; Chesapeake Bay Preservation Act Resource Protection Area(s) (RPA), including the 100-foot buffer; and proposed clearing within the RPA buffer
- Riprap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

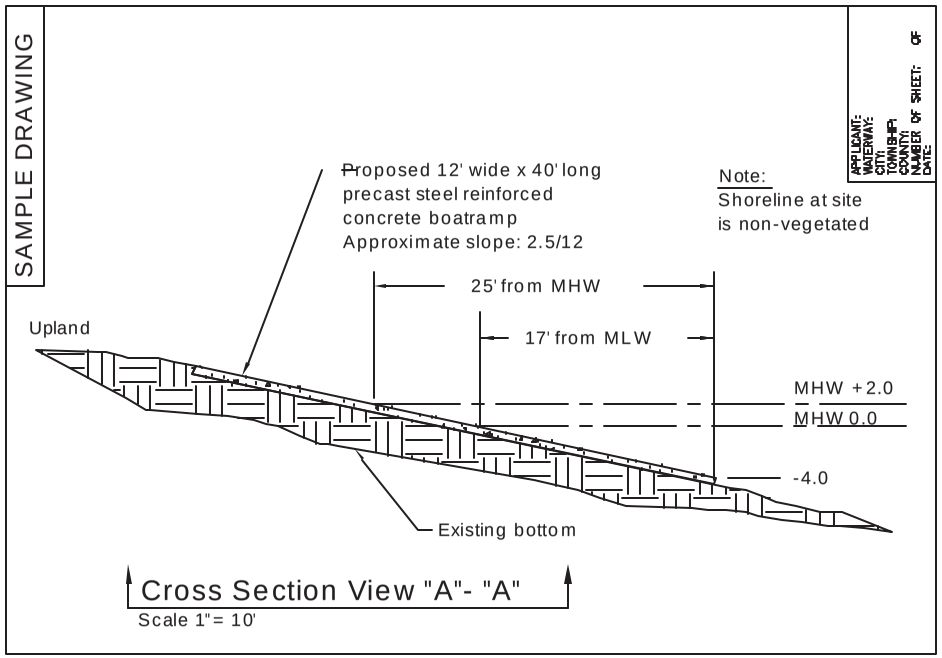
- Existing and proposed structures, labeled as ‘existing’ and ‘proposed’, and their dimensions. These items may include fill areas, labeled with square footage(s) or acreage(s) over vegetated wetlands and subaqueous bottom; berms, spillways, erosion and sediment control measures, outfall pipes, and aprons 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.

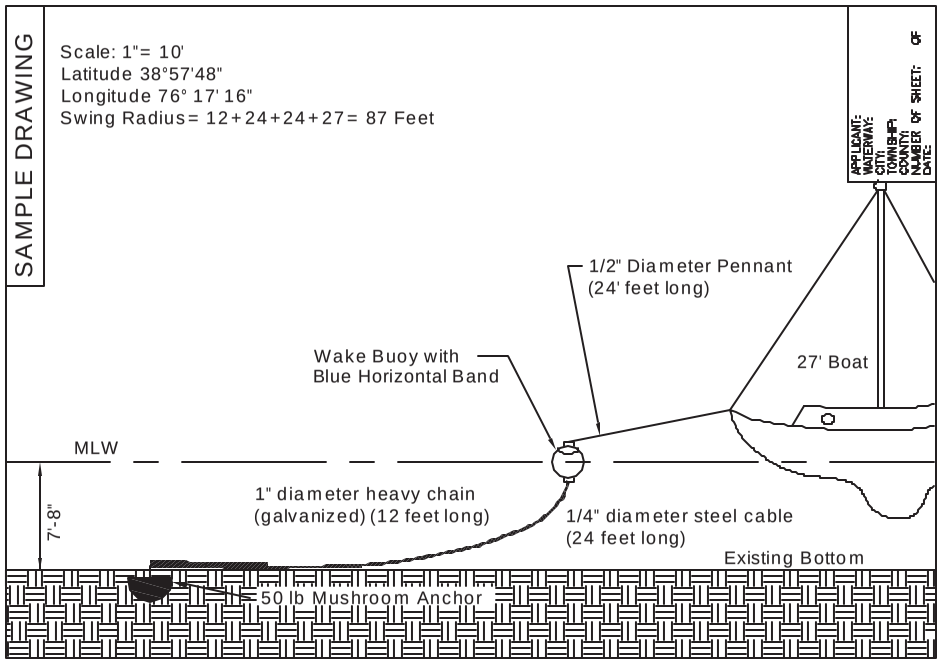
** Profile drawing or drawings with the information noted in Appendix D may be required by DEQ on a case-by-case basis to demonstrate minimization of impacts. When required, any application that proposes piping or culverting stream flows shall provide a longitudinal profile of the pipe or culvert position 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.*



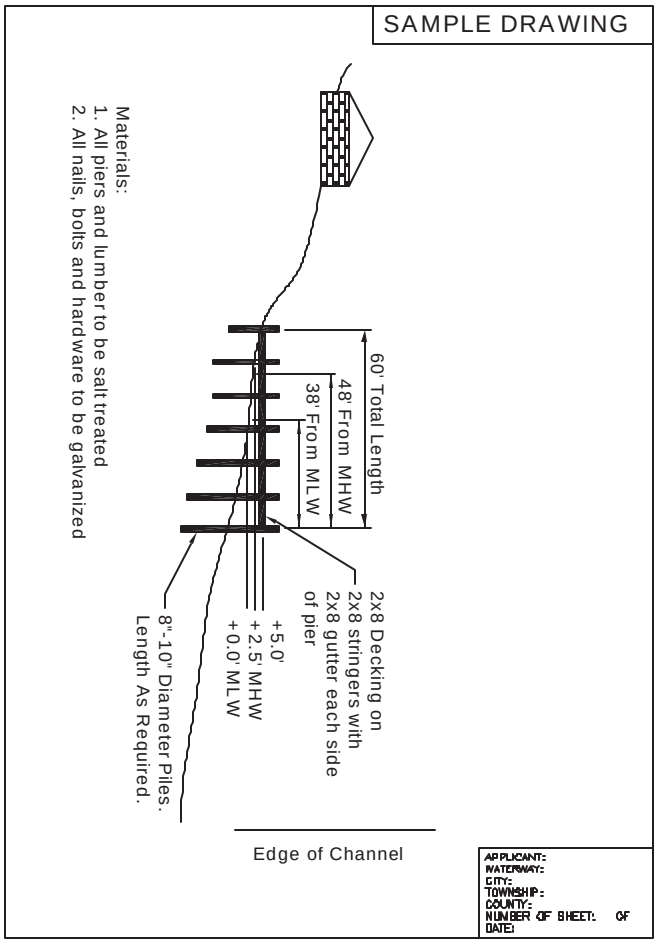


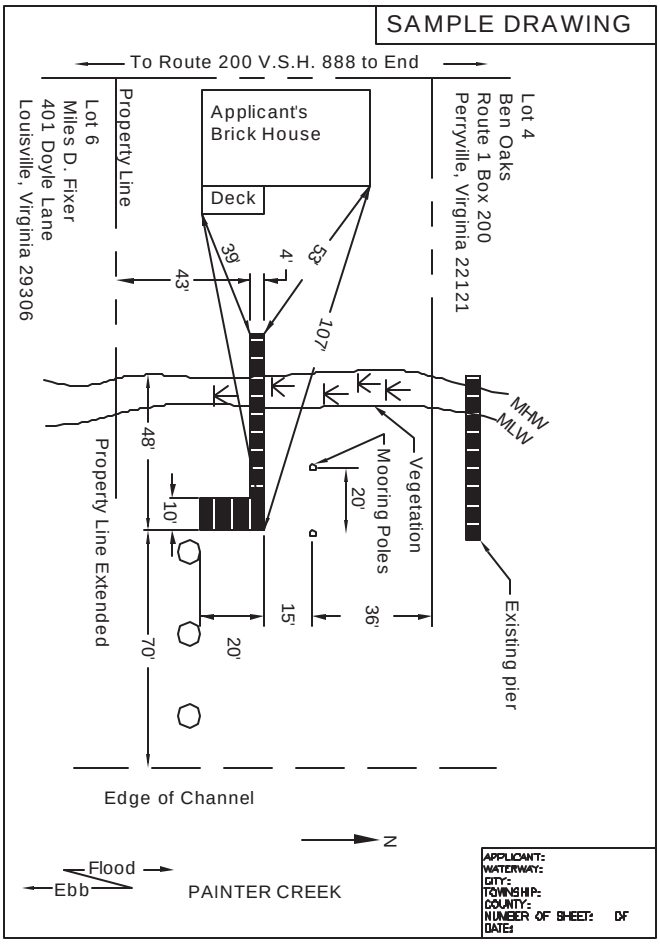
Boat Ramps



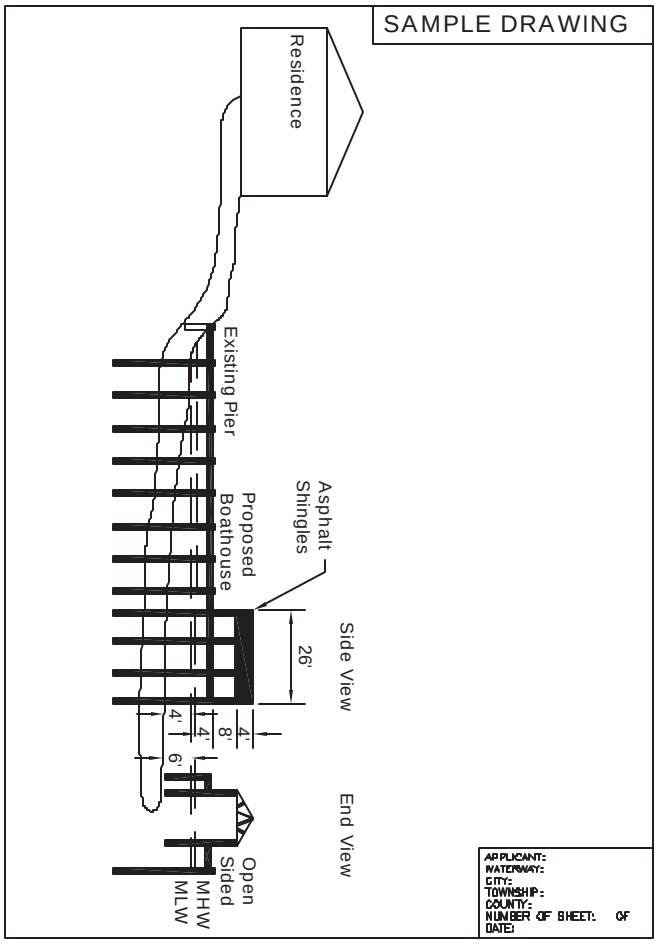


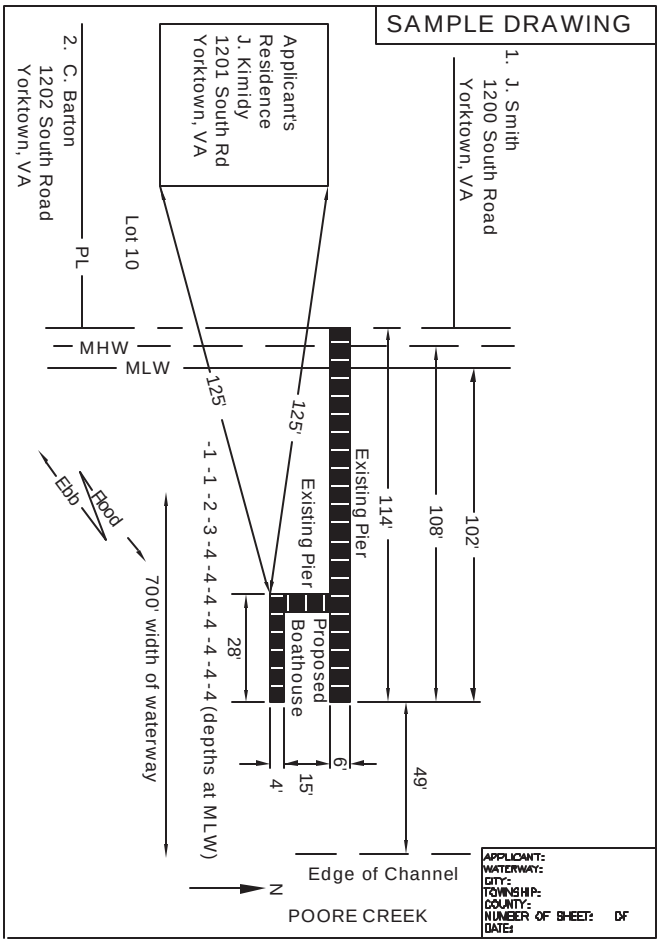
Dolphins or Moorings





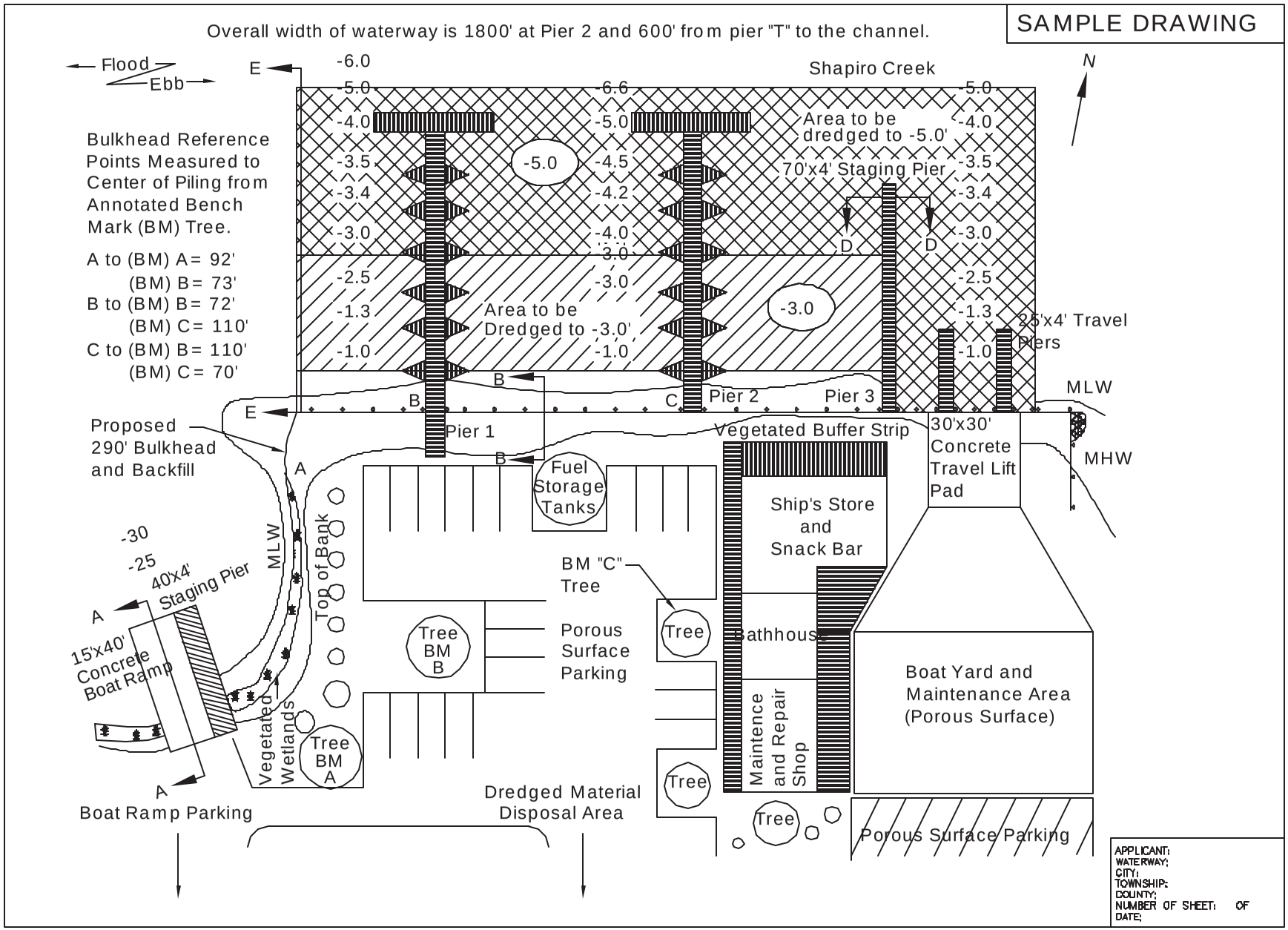
Private Piers & Marginal Wharves

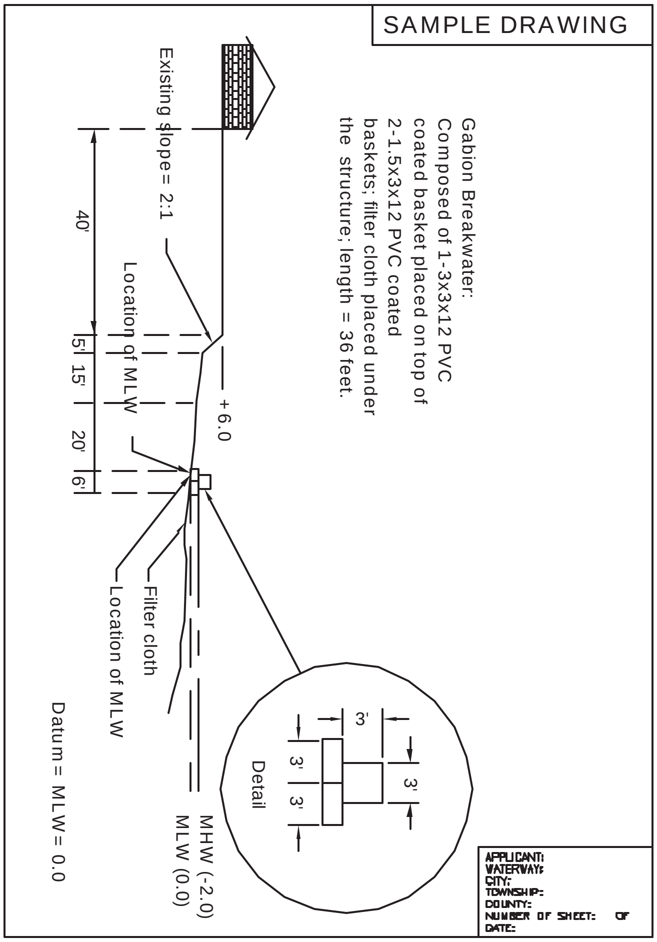


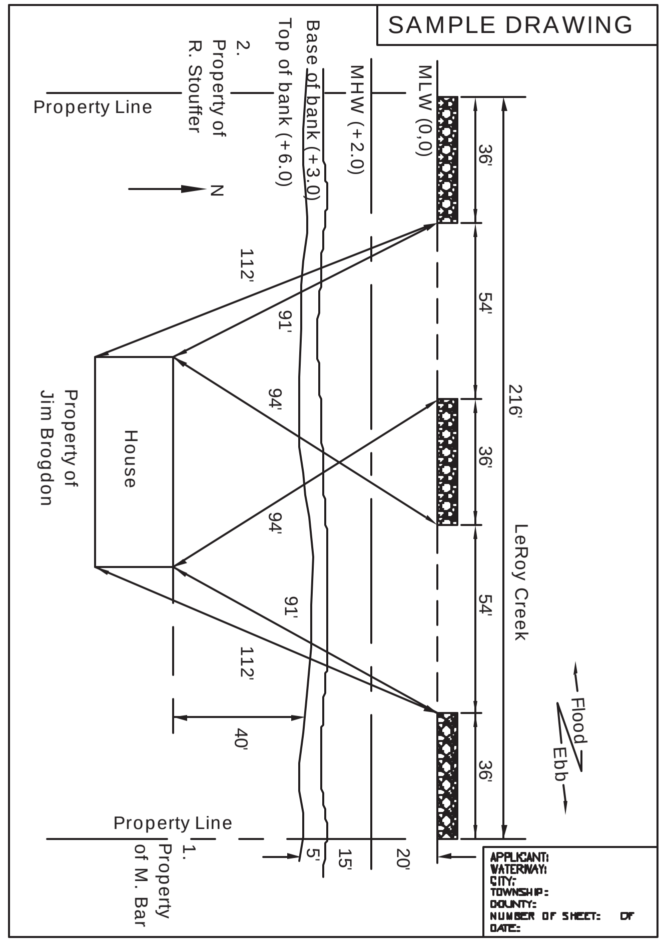


Boathouses

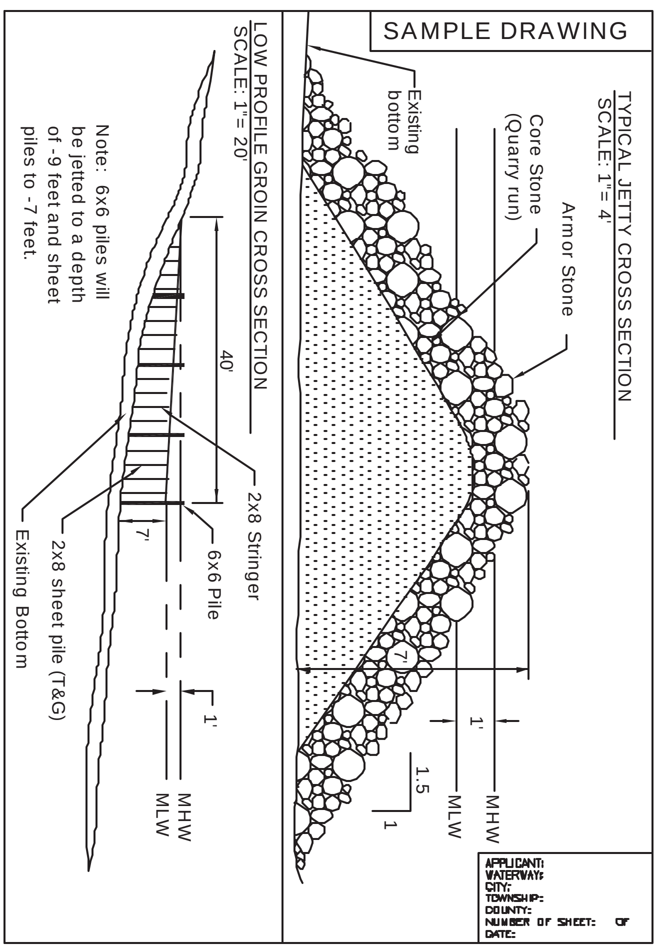
SAMPLE DRAWING

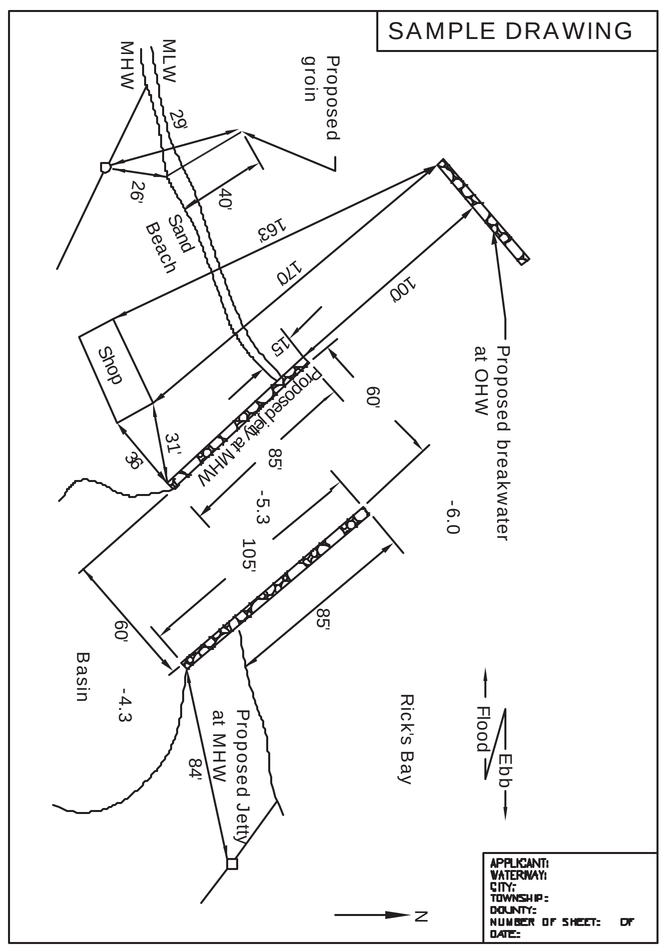




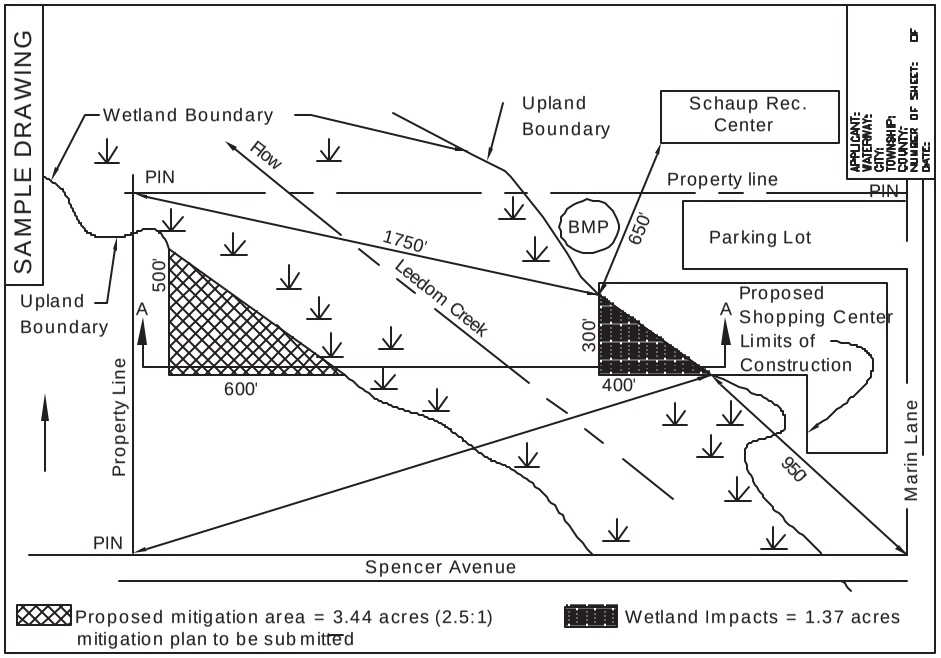


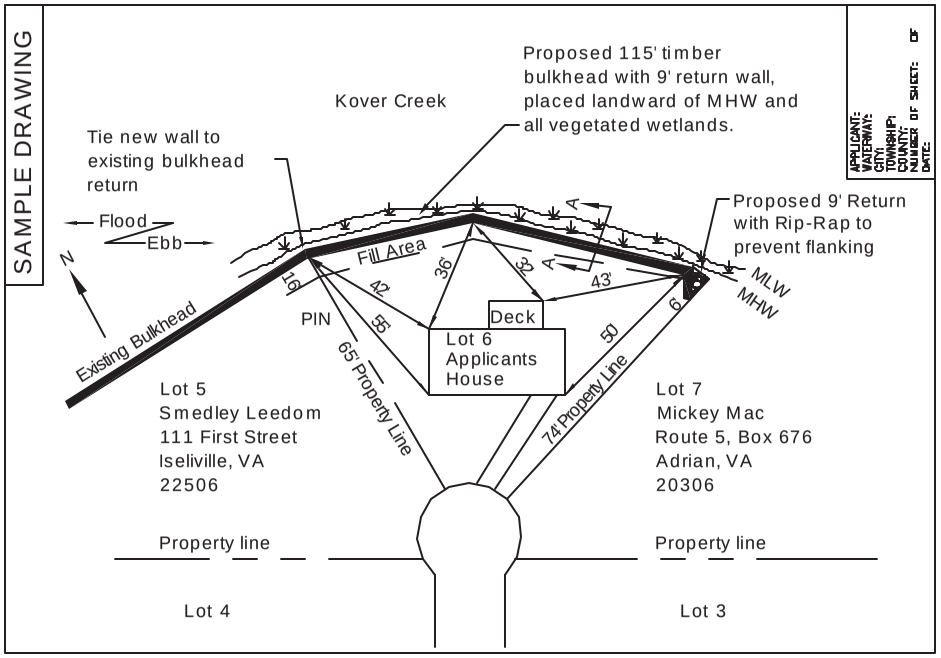
Breakwaters



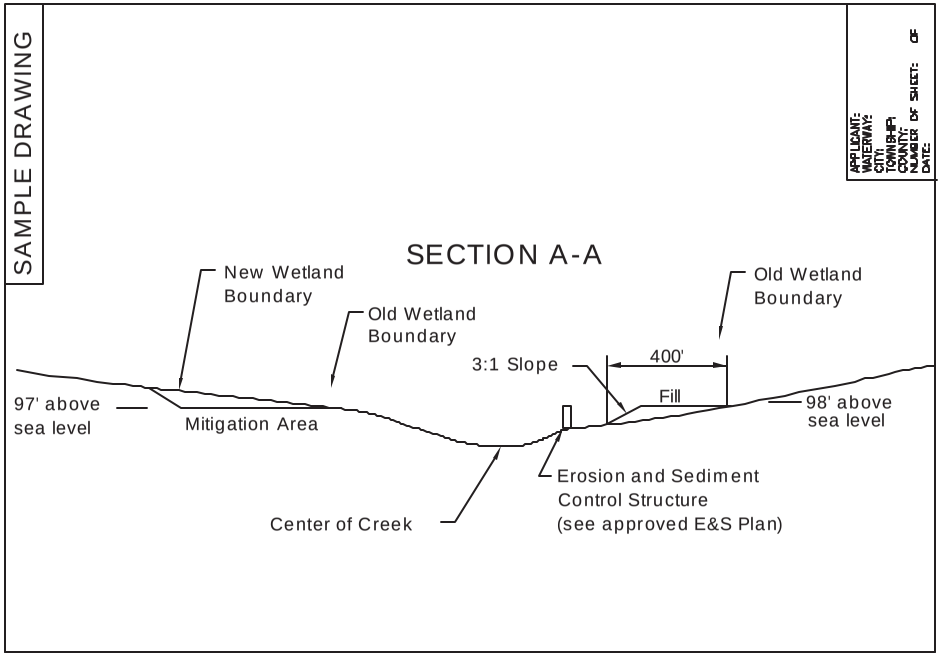


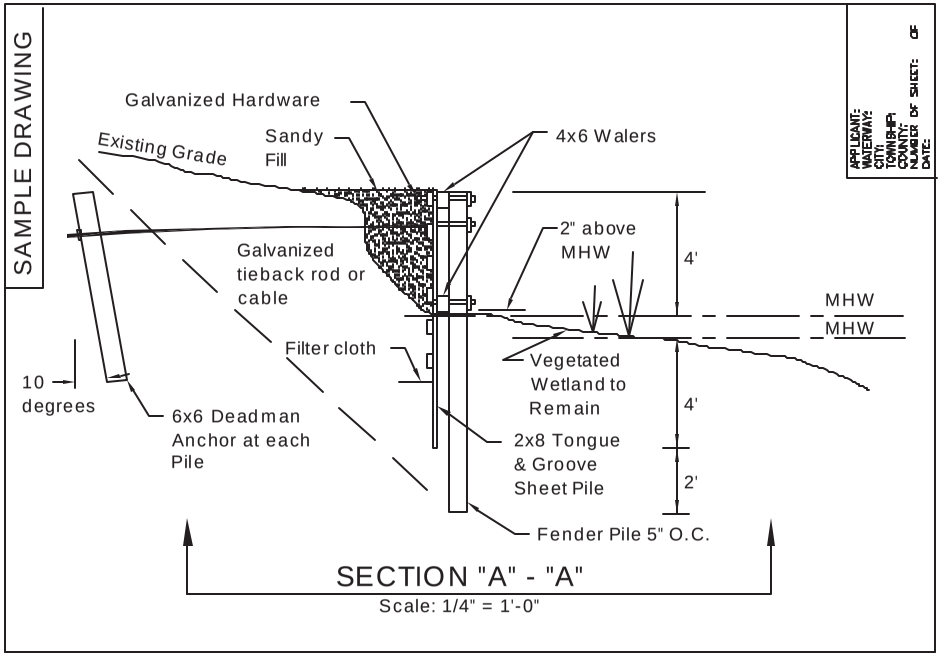
Groins & Jetties



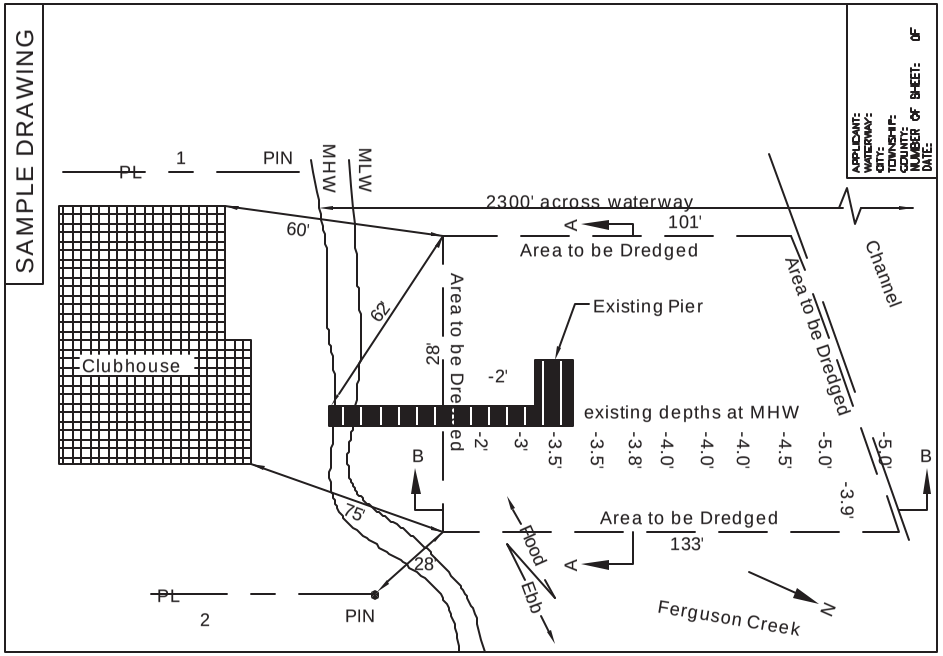


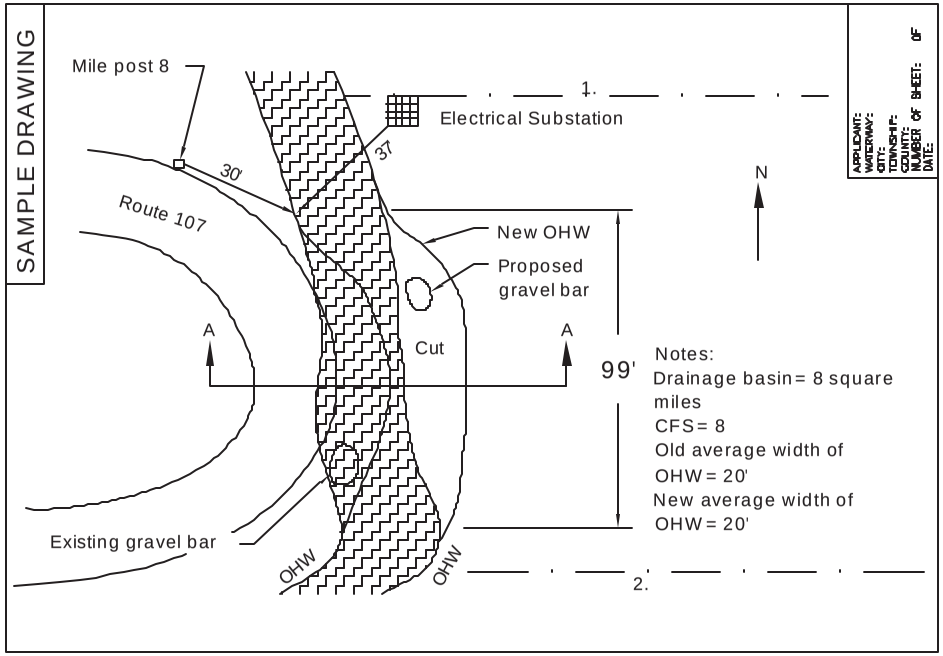
Filling Waters/Wetlands

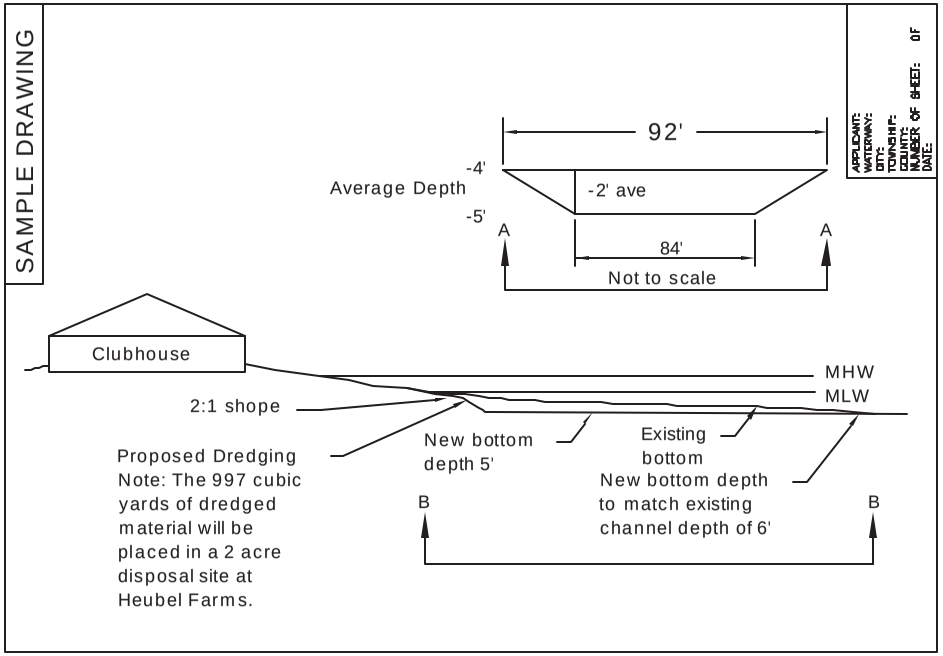


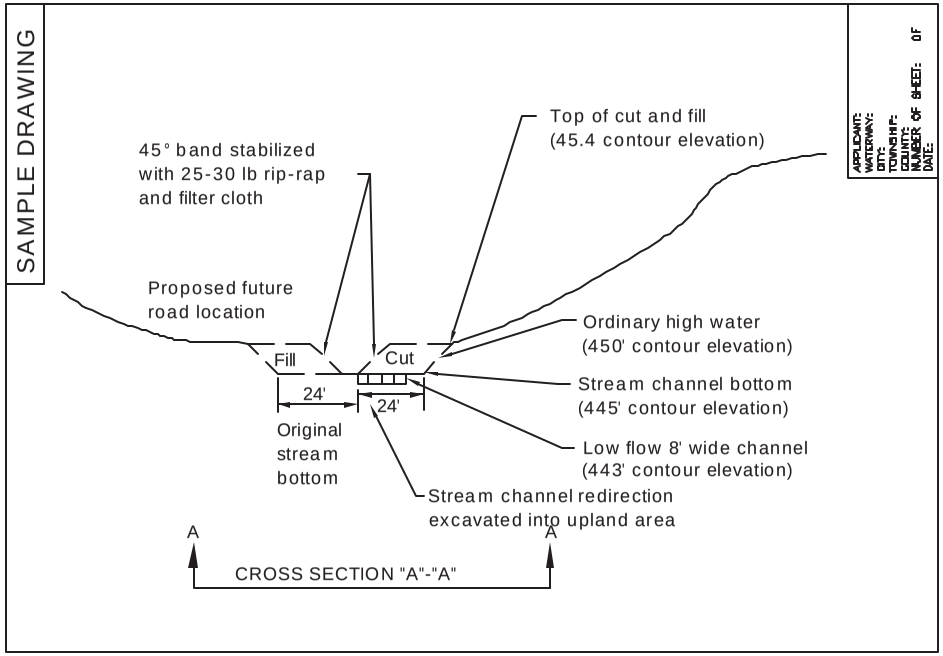


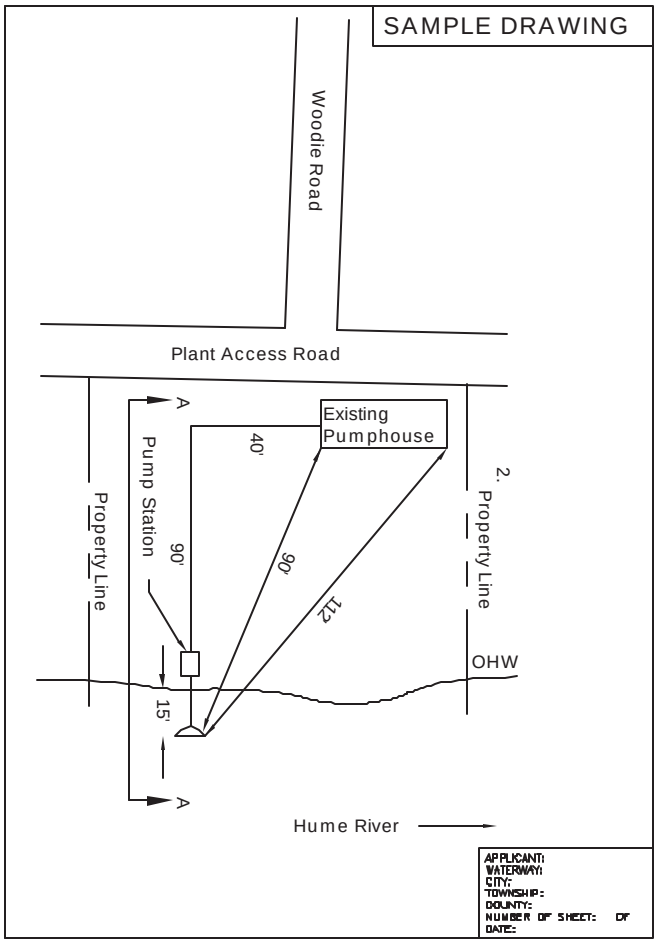
Bulkheads and Associated Backfill

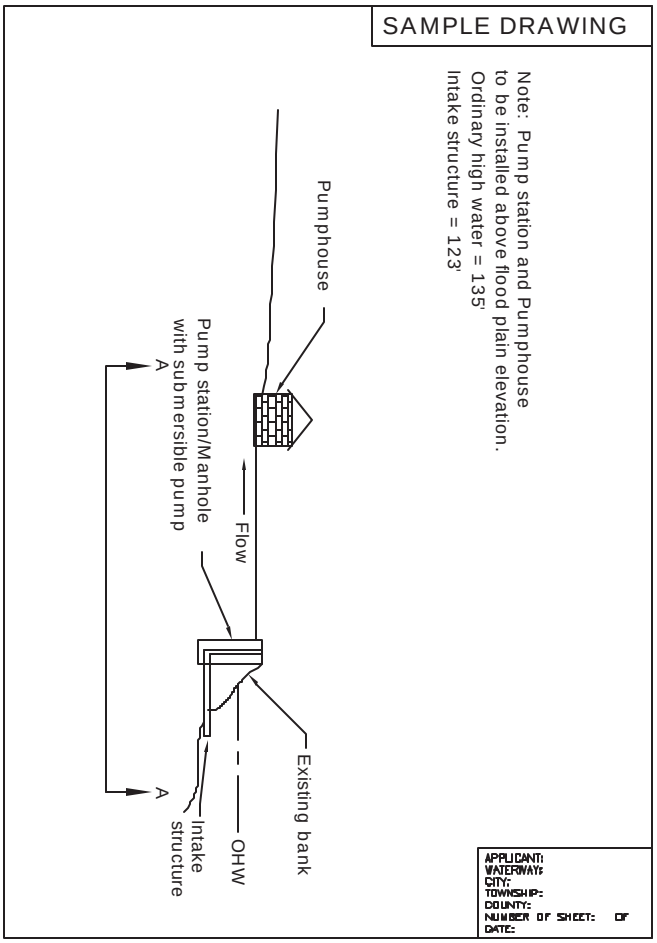

SAMPLE DRAWING
APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEET: OF
DATE:
PL
1
PIN
MHW
MLW
2300' across waterway
60'
A
101'
Area to be Dredged
Channel
Area to be Dredged
Existing Pier
Clubhouse
82'
-2'
existing depths at MHW
-2'
-3'
-3.5'
-3.5'
-3.8'
-4.0'
-4.0'
-4.0'
-4.5'
-5.0'
-5.0'
-3.9'
B
B
75'
Area to be Dredged
133'
28
Flood
Ebb
A
PL
2
PIN
Ferguson Creek
N


SAMPLE DRAWING
APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEET: OF
DATE:
Mile post 8
1.
Electrical Substation
30'
37
N
Route 107
New OHW
Proposed
gravel bar
A
A
Cut
99'
Notes:
Drainage basin= 8 square
miles
CFS= 8
Old average width of
OHW= 20'
New average width of
OHW= 20'
Existing gravel bar
OHW
OHW
2.

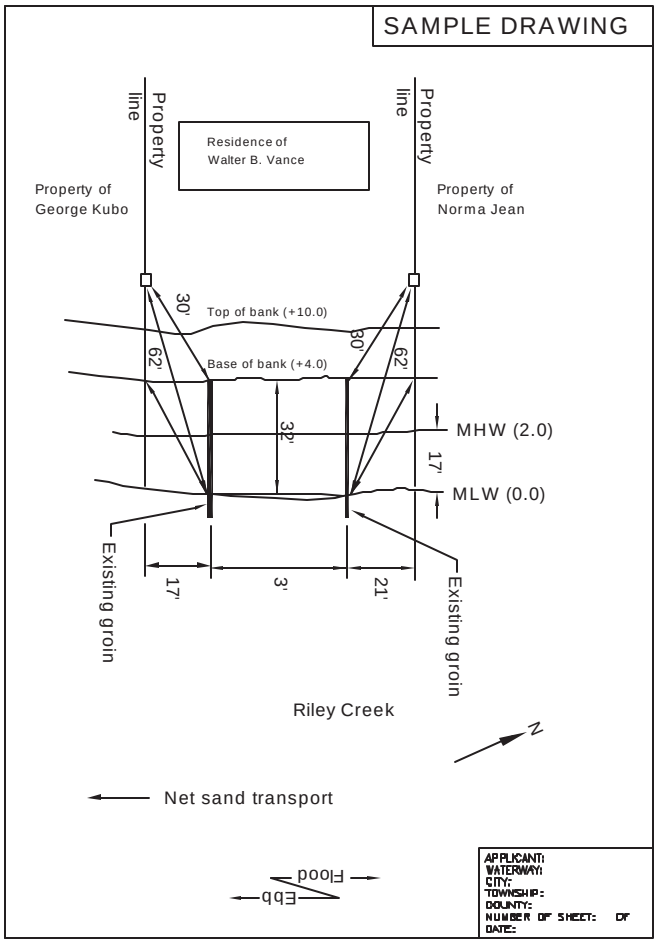

SAMPLE DRAWING
APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEET: OF
DATE:
92'
-4'
Average Depth
-2' ave
-5'
A
A
84'
Not to scale
Clubhouse
MHW
MLW
2:1 shope
Proposed Dredging
Note: The 997 cubic
yards of dredged
material will be
placed in a 2 acre
disposal site at
Heubel Farms.
New bottom
depth 5'
Existing
bottom
New bottom depth
to match existing
channel depth of 6'
B
B

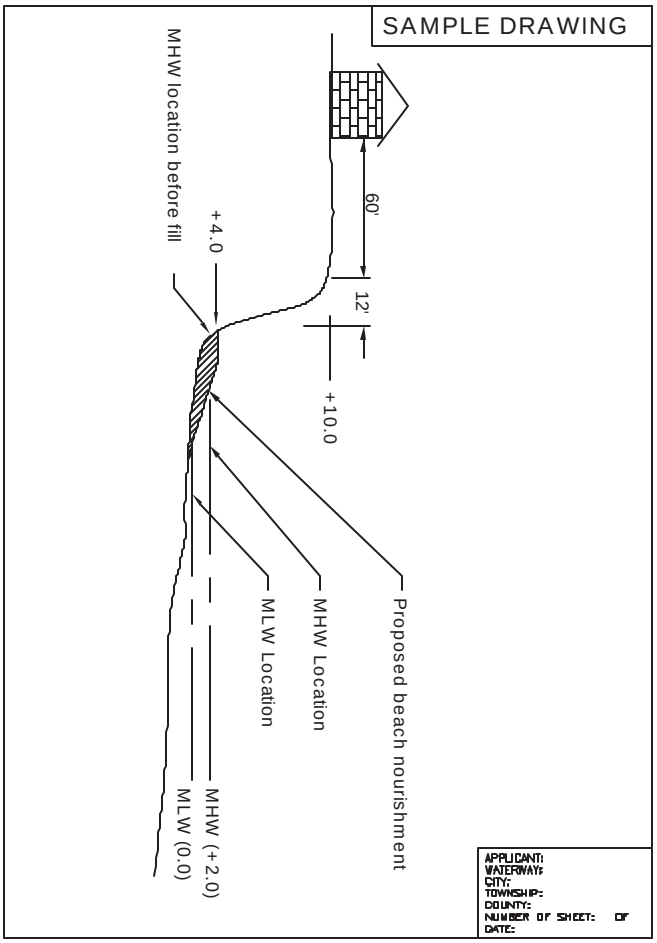

SAMPLE DRAWING
APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEET: OF
DATE:
45° band stabilized
with 25-30 lb rip-rap
and filter cloth
Top of cut and fill
(45.4 contour elevation)
Proposed future
road location
Ordinary high water
(450' contour elevation)
Fill
Cut
Stream channel bottom
(445' contour elevation)
24'
24'
Original
stream
bottom
Low flow 8' wide channel
(443' contour elevation)
Stream channel redirection
excavated into upland area
A
A
CROSS SECTION "A"-"A"





Intake/Outfall Structures

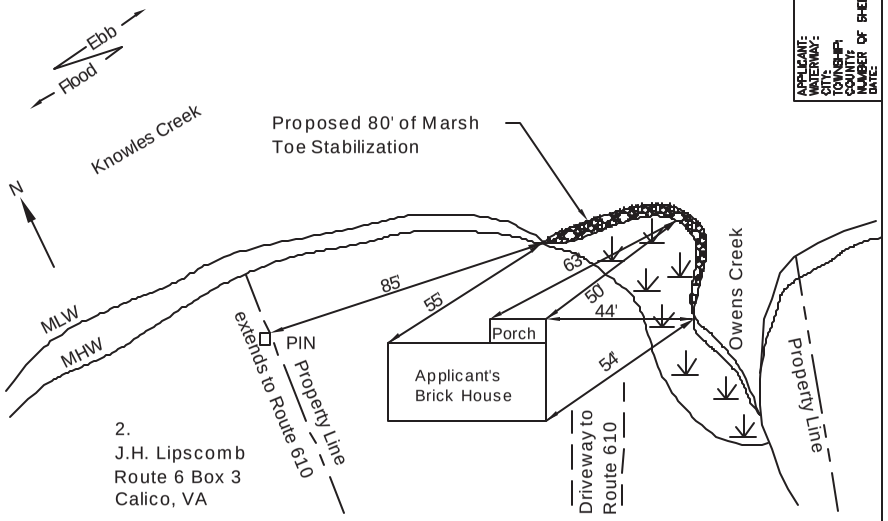




Beach Nourishment

SAMPLE DRAWING

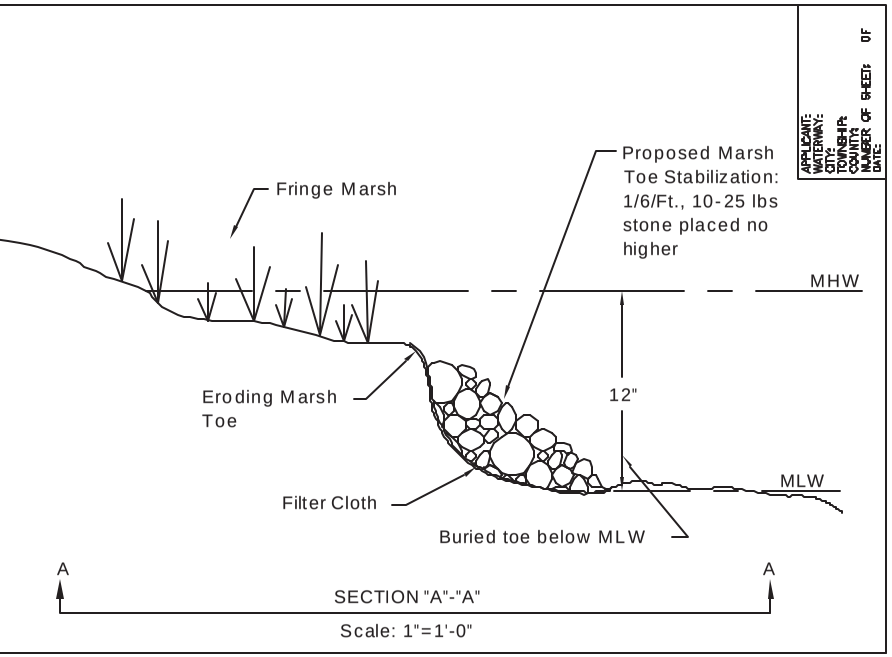
APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEETS: OF
DATE:



Marsh Toe Stabilization

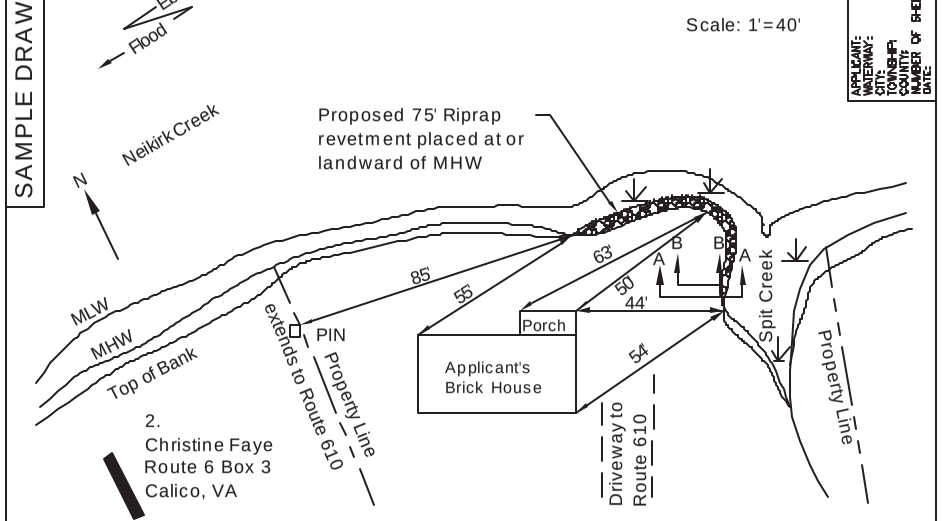
SAMPLE DRAWING

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



SAMPLE DRAWING

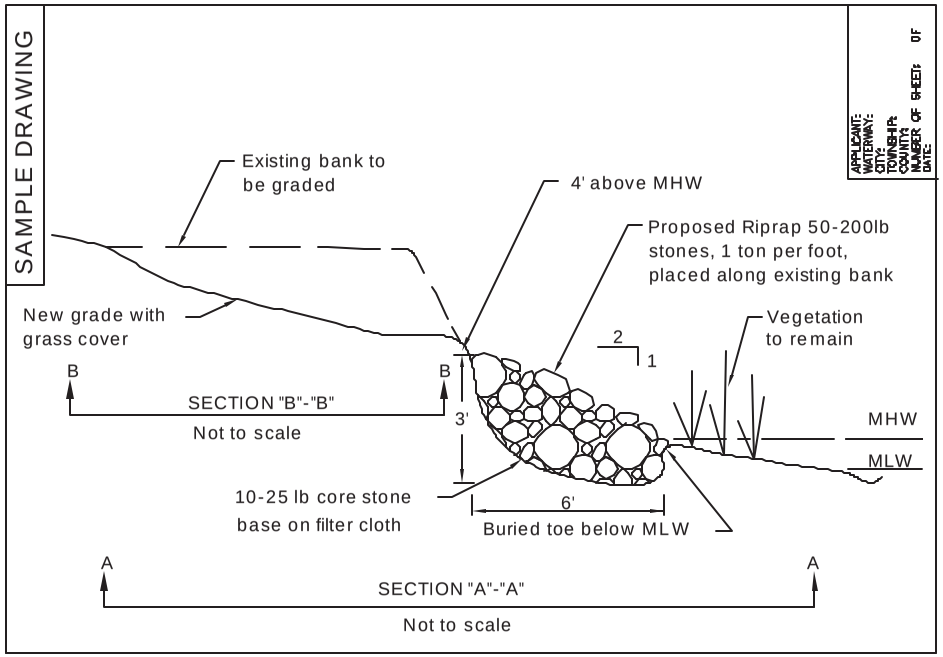
APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEETS: OF
DATE:

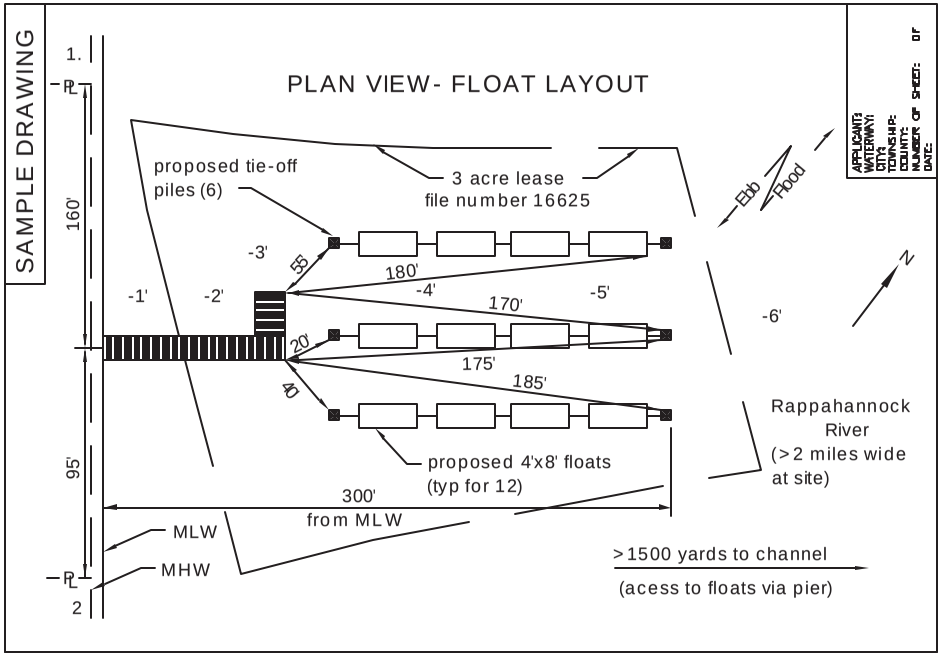


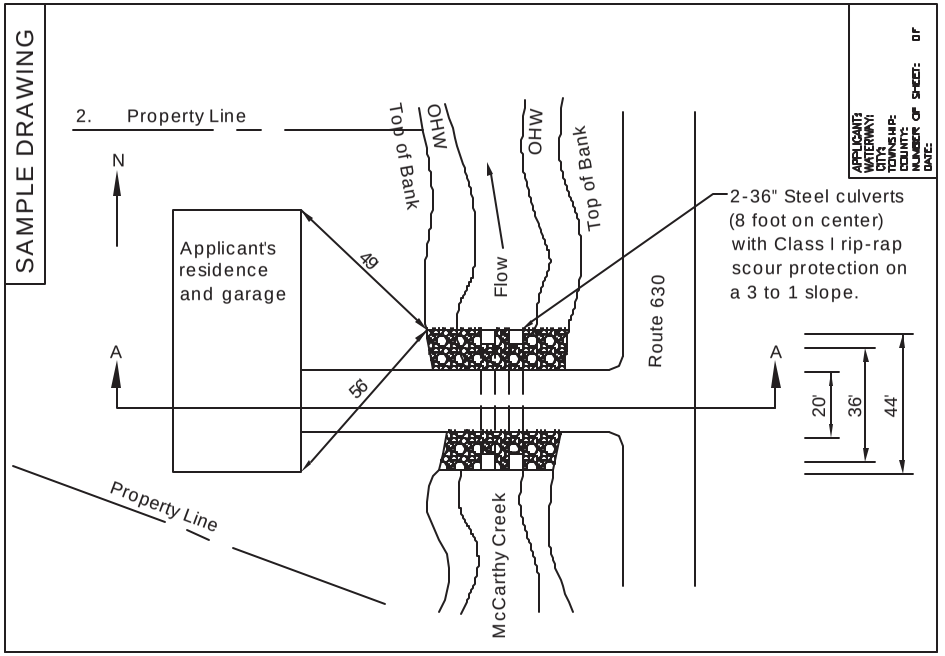
Riprap Revetment & Associated Backfill

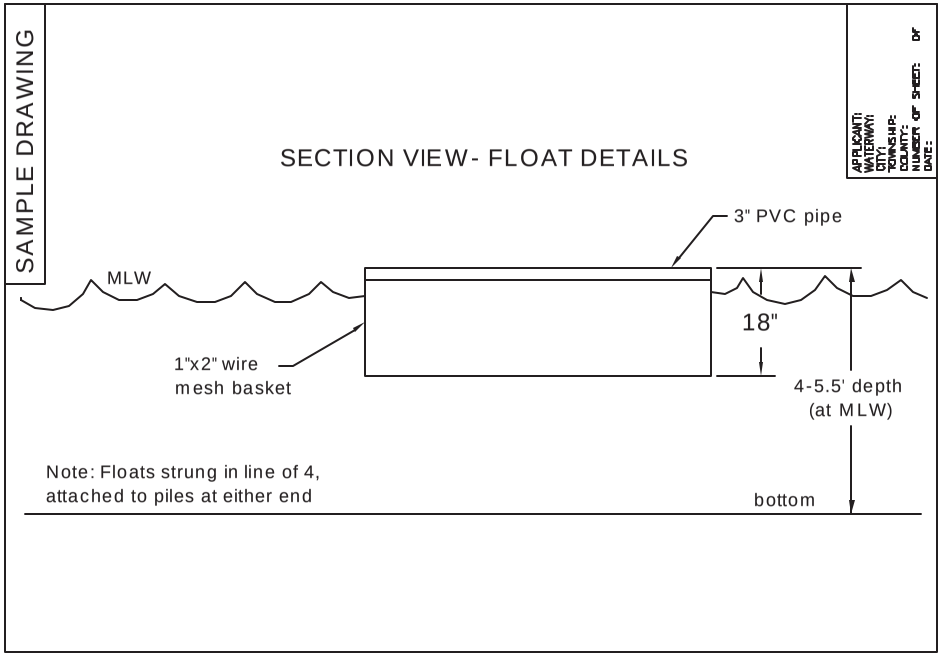
SAMPLE DRAWING

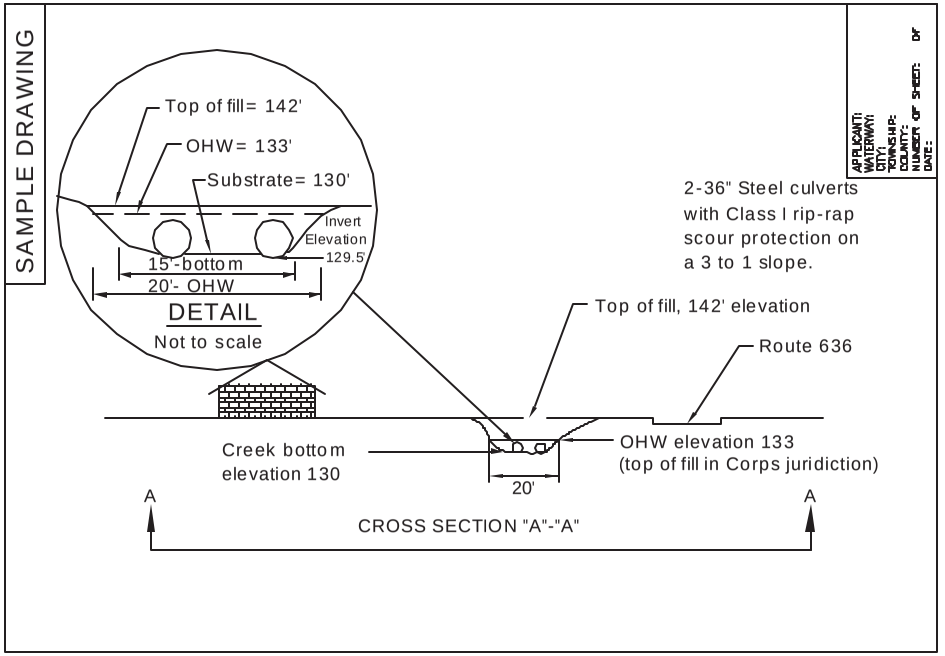
APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEETS: OF
DATE:





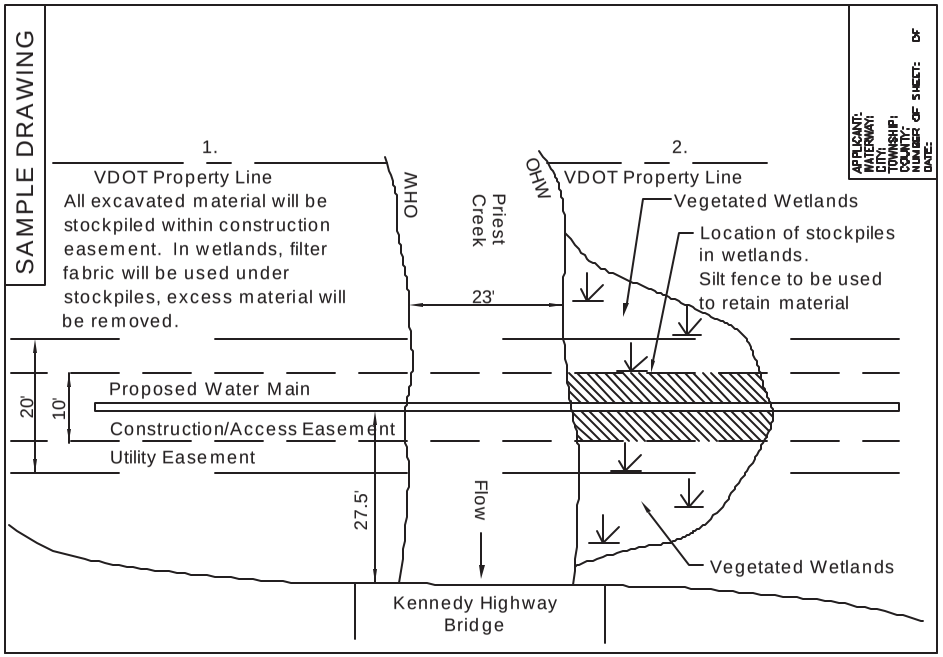


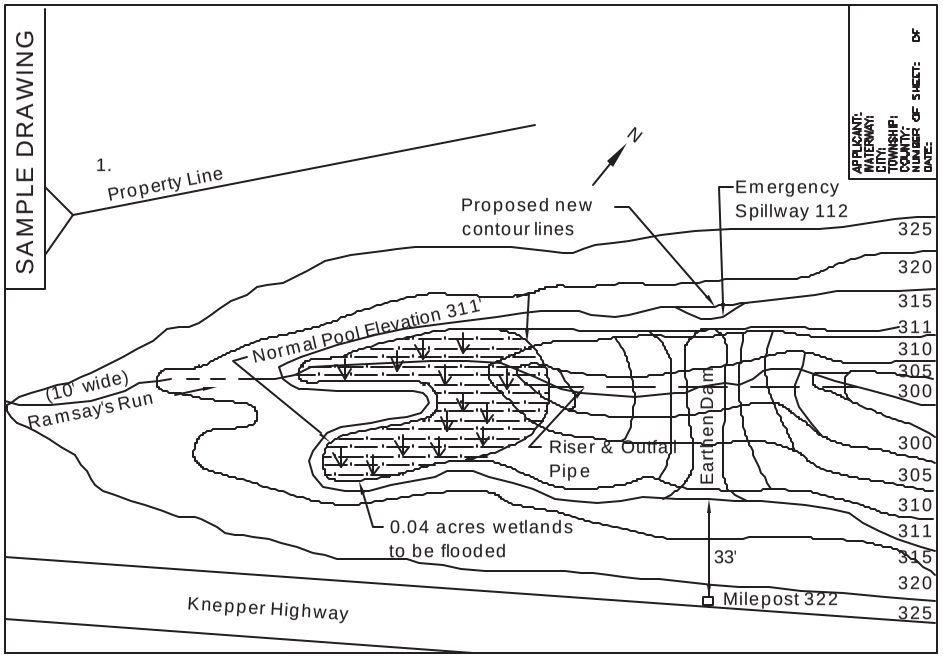




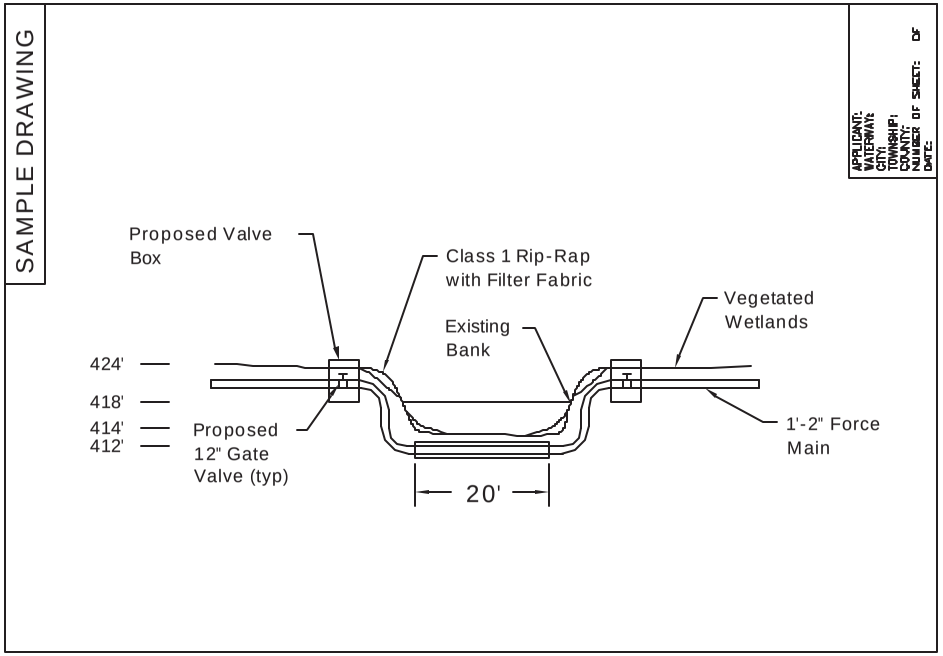
Private & Commercial Aquaculture Activities

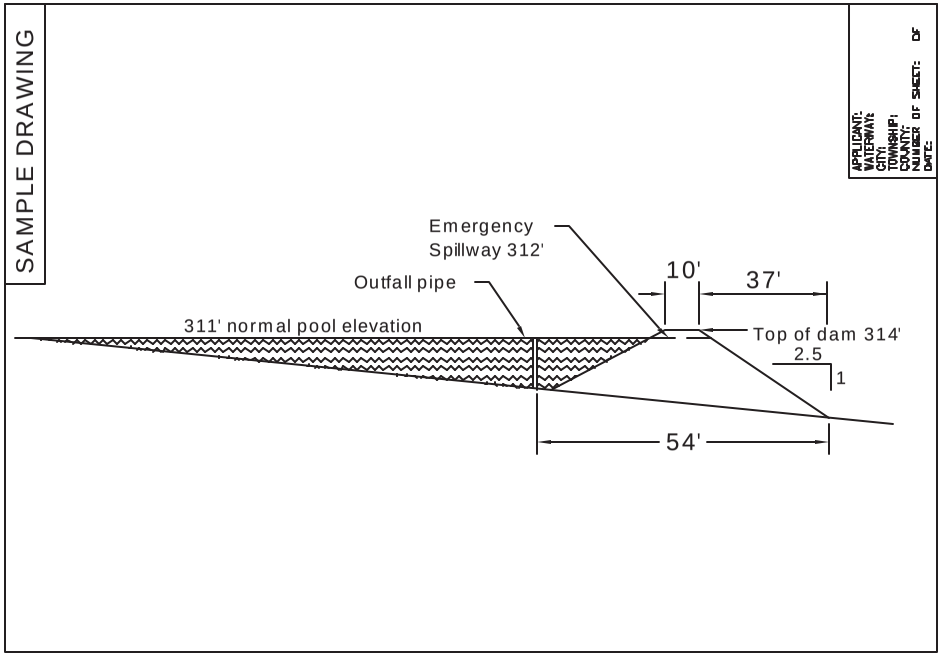
Road Crossings





Utility Crossings





Impoundment/Dams

ATTACHMENT C

Permit Placard

VIRGINIA MARINE RESOURCES COMMISSION
Permit Compliance
And
Inspection Program

November 2020

Permit # _____

Commonwealth of Virginia
Marine Resources Commission
Authorization

A Permit has been issued to:

The Permittee is hereby authorized to:

Issuance Date: _____ Expiration Date: _____

Tony Watt

_____
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 2020

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 2020

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 _____

ATTACHMENT F

Sample Project Compliance Assessment Worksheet

VIRGINIA MARINE RESOURCES COMMISSION
Permit Compliance
And
Inspection Program

November 2020

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 2020

Virginia Marine Resources Commission
Compliance Inspection Summary
2019-10-01 Through 2020-09-30

Print Date: Thursday November 12 2020

Degree of Complaince	Count
In Compliance	290
Not Constructed	64
Unable to Determine	18
Out of Compliance	11
Moderate Compliance	5

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20180516	2019-10-01	Issued	Commercial Aquaculture (Lease Area #20747)	Northampton	Brad Reams	In Compliance
Applicant:	Ballard Fish and Oyster Company, Inc.					
20181453	2019-10-01	Issued	Commercial Aquaculture	Northampton	Brad Reams	Not Constructed
Applicant:	Ballard Fish and Oyster Company, LLC					
20131843	2019-10-01	Issued	Breakwaters	Northampton	Brad Reams	Not Constructed
Applicant:	Savage Neck VA LLC, et al					
20180173	2019-10-01	Issued	Commercial Aquaculture	Northampton	Brad Reams	Out of Compliance
Applicant:	Ballard Fish and Oyster Company, Inc.					
20181519	2019-10-01	Issued	Commercial Aquaculture (Lease 17740)	Northampton	Brad Reams	Out of Compliance
Applicant:	Ballard Fish and Oyster Company					
20181518	2019-10-01	Issued	Commercial Aquaculture (Lease 17740)	Northampton	Brad Reams	In Compliance
Applicant:	Ballard Fish and Oyster Company, LLC					
20151225	2019-10-01	Issued	Commercial Aquaculture	Northampton	Brad Reams	Out of Compliance
Applicant:	Ballard Fish and Oyster Company					
Comments:	bayside IC, creekside OC					
20180306	2019-10-01	Issued	Commercial Aquaculture (Lease Area 20576)	Northampton	Brad Reams	Out of Compliance
Applicant:	Ballard Fish and Oyster Company, Incorporated					
20180950	2019-10-01	Issued	Commercial Aquaculture (PIer/Lift)	Northampton	Brad Reams	Not Constructed
Applicant:	Alex Lambert					
20141192	2019-10-01	Issued	Commercial Oyster Floats	Accomack County	Brad Reams	Unable to Determine
Applicant:	Adam Gregory					
20091825	2019-10-01	Issued	VGP4	Accomack County	Brad Reams	Not Constructed
Applicant:	Shore Seafood, Inc.					
20190366	2019-10-01	Issued	Commercial Aquaculture/ Floating Cages	Accomack County	Brad Reams	Not Constructed
Applicant:	Thomas Mooney					
20130585	2019-10-13	Issued	Repair Piers @ Hammock's Landing	Accomack County	Brad Reams	In Compliance

Virginia Marine Resources Commission
Compliance Inspection Summary
2019-10-01 Through 2020-09-30

Print Date: Thursday November 12 2020

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Accomack, County of						
20161406	2019-10-18	Issued	Paradise Creek Water Main Replacement	Portsmouth	Brad Reams	In Compliance
Applicant: Portsmouth Department of Public Utilities						
20181962	2019-10-18	Issued	Boathouse/Gazebo/Pier/ Lift/PWC Lifts	Isle of Wight	Brad Reams	In Compliance
Applicant: Jeff Hartline						
20161493	2019-10-24	Issued	Revetment	Northumberland	Brad Reams	In Compliance
Applicant: James Johnson						
20160847	2019-10-24	Issued	Groin/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Linda Quilter						
20181949	2019-10-24	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Todd Childs						
20190055	2019-10-24	Issued	3 Breakwaters	Lancaster	Brad Reams	Not Constructed
Applicant: Kirk Van Tine						
Comments: 75% complete, 1 breakwater only						
20181366	2019-10-24	Issued	Kayak Pier/Lifts over Slips 2, 3 & 4	Lancaster	Brad Reams	Not Constructed
Applicant: Glenn Powell, et al						
Comments: 2 lifts not installed						
20190006	2019-10-24	Issued	Piers/Lifts	Lancaster	Brad Reams	Not Constructed
Applicant: Clay Holcomb						
20190108	2019-10-24	Issued	Pier/Lift/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Montgomery Deihl						
20191572	2019-10-25	Issued	Ramp Repairs/Riprap	Essex	Randy Owen	In Compliance
Applicant: Hill Wellford, Jr.						
Comments: The project was inspected on 10/25/19 and found to be in compliance with the permitted length and alignment. The stone was, however, undersized for the fetch and site conditions. The permit called for A1 stone. The contractor agreed to topdress the revetment with heavier stone.						
20171270	2019-10-31	Issued	Bulkhead/Lift/Pier	Virginia Beach	Justin Worrell	In Compliance
Applicant: Barry Cross						
20121885	2019-11-07	Inactive	VGP4	York	Brad Reams	In Compliance
Applicant: Goodwin Properties LLC						
Comments: Floats removed						
20180844	2019-11-13	Issued	Boathouse/Pier	King and Queen	Randy Owen	In Compliance
Applicant: James Massie, III						
Comments: The pier configuration differs from the original application request, however, it still qualifies for the statutory authorization provided for in Code. The boathouse measures 38' x 32' as permitted.						
20141736	2019-12-05	Issued	Commercial Aquaculture	Lancaster	Brad Reams	Out of Compliance

Virginia Marine Resources Commission
Compliance Inspection Summary
2019-10-01 Through 2020-09-30

Print Date: Thursday November 12 2020

Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
Applicant: Thomas Perry						
20161510	2019-12-05	Issued	Piers (Locklies Marina)	Middlesex	Brad Reams	Not Constructed
Applicant: Croxton, Croxton & Croxton, LLC						
Comments: phase #1 completed IC. Phase #2 almost complete						
20111871	2019-12-05	Issued	VGP4	Lancaster	Brad Reams	Not Constructed
Applicant: Windmill Point Seafood, LLC						
20161181	2019-12-05	Issued	Riprap/Coir Log Sill	Lancaster	Brad Reams	In Compliance
Applicant: Kathy Perkins						
20161233	2019-12-05	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: James McCarthy						
20160902	2019-12-05	Issued	Sill	Middlesex	Brad Reams	Not Constructed
Applicant: Ernest Cashwell						
20151681	2019-12-05	Issued	Commercial Aquaculture Structures(North Point Comp	Lancaster	Brad Reams	In Compliance
Applicant: Virginia Water Holdings, LLC						
20140491	2019-12-05	Issued	Aquaculture (oyster cages)	Lancaster	Brad Reams	In Compliance
Applicant: Thomas Perry						
20190107	2019-12-05	Issued	Breakwaters	Lancaster	Brad Reams	In Compliance
Applicant: Steven Haller, et al						
20161054	2019-12-13	Issued	Covered boat slip	Middlesex	Brad Reams	In Compliance
Applicant: Curtis Boyd						
20151082	2019-12-13	Issued	Pier/Ramp	Middlesex	Brad Reams	Not Constructed
Applicant: Rufus Ruark, Jr.						
20160570	2019-12-13	Issued	Bulkhead	Middlesex	Brad Reams	Not Constructed
Applicant: J. Durwood Usry						
20161284	2019-12-13	Issued	2 Groins/Ramp	Middlesex	Brad Reams	In Compliance
Applicant: Richard Skeppstrom						
20171273	2019-12-13	Issued	Breakwaters/Groin/Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Ed Doyle						
20161614	2019-12-16	Issued	Pier, boat lifts, finger piers, L-head, boathouse	Gloucester	Brad Reams	In Compliance
Applicant: Walter Norwood						
20161471	2019-12-16	Issued	Pier	Gloucester	Brad Reams	In Compliance
Applicant: Adrianne Joseph						
20191233	2019-12-16	Issued	Riprap	Mathews	Brad Reams	In Compliance
Applicant: Richard Hellier						
20190365	2019-12-16	Issued	Commercial Aquaculture/ Floating Cages	Mathews	Brad Reams	Not Constructed

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Applicant: Damfino, LLC						
20161126	2019-12-16	Issued	Jetty, revetments, fill	Mathews	Brad Reams	In Compliance
Applicant: Jimmy Williams						
20160917	2019-12-16	Issued	Oyster Reefs	Mathews	Brad Reams	In Compliance
Applicant: Neil D'Amato						
20161164	2019-12-16	Issued	Bulkhead/Riprap	Mathews	Brad Reams	Out of Compliance
Applicant: Trevor Nitz						
Comments: Built revetment not a sill						
20161774	2019-12-16	Issued	Pier/Riprap	Mathews	Brad Reams	In Compliance
Applicant: Kevin Broyles						
20161613	2019-12-16	Issued	Shoreline restoration	Gloucester	Brad Reams	In Compliance
Applicant: George Zahn						
20161326	2019-12-16	Issued	Breakwater	Gloucester	Brad Reams	In Compliance
Applicant: David Adamson						
20171778	2019-12-16	Issued	Pier/Lift	Gloucester	Brad Reams	In Compliance
Applicant: Warren Horn						
20160309	2019-12-16	Issued	Breakwater/Beach Nourishment	Gloucester	Brad Reams	In Compliance
Applicant: Cuong Vu						
20131224	2019-12-16	Issued	Riprap/Breakwater	Mathews	Brad Reams	Not Constructed
Applicant: Emily Mailhouse						
Comments: breakwater not constructed						
20190923	2019-12-18	Issued	Mooring Ball	Middlesex	Brad Reams	In Compliance
Applicant: Inn Jamaica, LLC						
20190978	2019-12-18	Issued	Mooring ball	Middlesex	Brad Reams	In Compliance
Applicant: Gary Cosby						
20130708	2019-12-18	Issued	6 Boating Access Platforms @ Community Pier	Essex	Brad Reams	In Compliance
Applicant: Rappahannock River Run Bluffs Owners Assoc.						
Comments: reinspect spring 2015						
20161601	2019-12-18	Issued	Bulkhead maintenance	Essex	Brad Reams	In Compliance
Applicant: Rappahannock River Run Owners Association						
20161544	2019-12-18	Issued	Boathouse Extension/Pier	Essex	Brad Reams	In Compliance
Applicant: William Beale						
20161789	2020-01-09	Issued	3 Groins/Concrete Ramp/Covered Slip	Essex	Brad Reams	Not Constructed
Applicant: John Minor, Jr.						
20160908	2020-01-09	Issued	Aid to Navigation/Ramp	Essex	Brad Reams	In Compliance
Applicant: Port Micou Inc.						

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20171585	2020-01-09	Issued	Rioprap/Timber Spur Extension	Essex	Brad Reams	In Compliance
Applicant:	Esther Lumpkin					
20181564	2020-01-09	No Permit Nec	2 Bulkheads	Essex	Brad Reams	Not Constructed
Applicant:	George Martin					
20180549	2020-01-09	Issued	Groin	Essex	Brad Reams	In Compliance
Applicant:	Barry Lynn					
20121362	2020-01-14	Issued	Living Shoreline	Richmond County	Brad Reams	Not Constructed
Applicant:	Shandy Hall					
Comments:	not constructed					
20181715	2020-01-23	Issued	Riprap	Richmond County	Brad Reams	In Compliance
Applicant:	Bryan Maddox					
20150970	2020-01-23	Issued	Community Pier	Richmond County	Brad Reams	In Compliance
Applicant:	Wilna Point Community					
20171846	2020-01-23	Issued	Living Shoreline	Lancaster	Brad Reams	Not Constructed
Applicant:	Todd Davis					
20181932	2020-01-23	No Permit Nec	Pier/Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Charles Pitts, Jr.					
20181966	2020-01-23	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Ronald Berlinguet					
20181005	2020-01-23	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Phillip Spottswood					
20131848	2020-01-23	Issued	Groin	Lancaster	Brad Reams	Not Constructed
Applicant:	Gregory Natvig					
20160780	2020-01-23	Issued	Riprap/Beach Nourishment	Lancaster	Brad Reams	In Compliance
Applicant:	Charles Thomas					
20181337	2020-01-23	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Teresa Powell					
20181934	2020-01-23	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Howard Gresham, Jr.					
20160632	2020-01-23	Issued	Groin/Pier/Riprap	Richmond County	Brad Reams	Not Constructed
Applicant:	Michael Davis					
20181940	2020-01-23	No Permit Nec	Riprap	Richmond County	Brad Reams	In Compliance
Applicant:	Michael Faust					
20181294	2020-01-30	Issued	Pier/Groin	Northumberland	Brad Reams	In Compliance
Applicant:	David Williams					
20190210	2020-01-30	Issued	Riprap	Northumberland	Brad Reams	In Compliance

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Applicant: John Marshall, Jr.						
20161385	2020-01-30	Issued	Community Pier/Boathouse	Northumberland	Brad Reams	In Compliance
Applicant: Smith Point Rescue, Inc.						
20170086	2020-01-30	Issued	Sill/Wave Attenuator	Northumberland	Brad Reams	In Compliance
Applicant: Smith Point Marina, Inc.						
20161967	2020-01-30	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Bryan Reebals						
20190788	2020-01-30	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: C. Ream						
20180095	2020-01-30	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Philip Ermer						
20161504	2020-01-30	Issued	Armor Stone Spur	Northumberland	Brad Reams	In Compliance
Applicant: John Andrew						
20181822	2020-01-30	Issued	Groin/Pier	Northumberland	Brad Reams	In Compliance
Applicant: James Lansburgh						
20161872	2020-01-30	Issued	Groin	Northumberland	Brad Reams	In Compliance
Applicant: John Medaris						
20161830	2020-01-30	Issued	Pier/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: David Crouse						
20161823	2020-01-30	Issued	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Fred Lint						
20190535	2020-02-05	Issued	Bulkhead/Pier	Virginia Beach	Justin Worrell	In Compliance
Applicant: Farino Living Trust						
20161924	2020-02-06	Issued	Bulkhead/Pier/Lift	Virginia Beach	Brad Reams	In Compliance
Applicant: Kenneth Minogue						
20161925	2020-02-06	Issued	Bulkhead/Lift	Virginia Beach	Brad Reams	In Compliance
Applicant: Thomas Cortina						
20160225	2020-02-06	Issued	Bulkhead/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Peter Kilgore						
20190349	2020-02-13	No Permit Nec	Pier/Lift/3 PWC Lifts	Virginia Beach	Justin Worrell	In Compliance
Applicant: David Byler						
Comments: derelict pier piles removed; new pier constructed per plan dimensions						
20161170	2020-02-14	Issued	Bulkhead/Ramp/Riprap	Westmoreland	Brad Reams	Not Constructed
Applicant: Lloyd Hall, Jr.						
Comments: Ramp remains						
20181933	2020-02-14	Issued	Riprap	Westmoreland	Brad Reams	In Compliance

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Applicant: Michael Campbell						
20161994	2020-02-14	Issued	Community Pier	Westmoreland	Brad Reams	In Compliance
Applicant: Boathouse Marina, LLC, The						
20181280	2020-02-14	Issued	Living shoreline	Westmoreland	Brad Reams	In Compliance
Applicant: James Brown						
20181629	2020-02-14	Issued	Boat house	Westmoreland	Brad Reams	In Compliance
Applicant: Frederic Ludwig						
20181985	2020-02-14	Issued	Boathouse/Bulkhead/Piers	Westmoreland	Brad Reams	Not Constructed
Applicant: Boathouse Marina, LLC, The						
Comments: Bulkhead remains						
20181256	2020-02-14	Issued	Groins/Riprap	Westmoreland	Brad Reams	Not Constructed
Applicant: Berkley Beach Homeowners Association						
20181290	2020-02-14	Issued	Groin	Westmoreland	Brad Reams	In Compliance
Applicant: Nicholas Blonkowski						
20181413	2020-02-14	No Permit Nec	Bulkhead	Westmoreland	Brad Reams	In Compliance
Applicant: Hae Kim						
20161944	2020-02-14	Issued	Living Shoreline, pier, dock, boatlifts	Westmoreland	Brad Reams	Not Constructed
Applicant: Steven Panfil						
20181747	2020-02-14	No Permit Nec	Bulkhead	Westmoreland	Brad Reams	In Compliance
Applicant: Opal Martin						
20181532	2020-02-14	Issued	Biogenic Breakwater Oyster Reefs	Westmoreland	Brad Reams	In Compliance
Applicant: John Cable						
20180375	2020-02-14	No Permit Nec	Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: William Young						
20180274	2020-02-14	Issued	Riprap/Groins	Westmoreland	Brad Reams	Not Constructed
Applicant: Craig Duehring						
20190227	2020-02-14	Issued	Breakwater	Westmoreland	Brad Reams	In Compliance
Applicant: Francis Boehling						
20181521	2020-02-20	Issued	Aerial Xing Rehab	Virginia Beach	Brad Reams	In Compliance
Applicant: Virginia Beach Department of Public Utilities						
20190741	2020-02-20	Issued	Pier/Riprap	Virginia Beach	Brad Reams	Not Constructed
Applicant: Shane Sullivan						
Comments: 1 of 2 boathouses complete						
20171803	2020-02-20	Issued	Buccaneer Road Bulkhead Replacement	Virginia Beach	Brad Reams	Not Constructed
Applicant: Virginia Beach Department of Public Works						
20141655	2020-02-20	Issued	Lift/Pier/Riprap	Virginia Beach	Brad Reams	In Compliance

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Applicant: Jon McGruder						
20190585	2020-02-20	Issued	Pier @ Brock Educational Center	Virginia Beach	Brad Reams	In Compliance
Applicant: Chesapeake Bay Foundation						
20190206	2020-02-20	Issued	Pier/Ramp	Virginia Beach	Brad Reams	In Compliance
Applicant: Robert Taylor						
20161941	2020-02-20	Issued	Bulkhead Lynnhaven Municipal Marina	Virginia Beach	Brad Reams	Not Constructed
Applicant: Virginia Beach, City of, et al						
Comments: reinspect Spring 2020						
20150235	2020-02-20	Issued	Pier/Lift/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Stephen Konikoff						
20171912	2020-02-28	Issued	Riprap/Groins	Westmoreland	Brad Reams	In Compliance
Applicant: David Dickens						
20151621	2020-02-28	Issued	Pier/Lift	Northumberland	Brad Reams	In Compliance
Applicant: James Tibbs						
20161692	2020-02-28	Issued	Lift/Pier/Groin	Richmond County	Brad Reams	In Compliance
Applicant: Jane Glazebrook						
20181500	2020-02-28	Issued	Breakwater/Pier/Riprap	Westmoreland	Brad Reams	In Compliance
Applicant: Jeffrey Miller						
20161517	2020-02-28	Issued	Remove & re-construct pier with L-head, lift piles	Northumberland	Brad Reams	Not Constructed
Applicant: Ronald Jewell						
20180801	2020-02-28	Issued	Groin/Pier/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Jason Williamson						
20180785	2020-02-28	No Permit Nec	Riprap	Northumberland	Brad Reams	Not Constructed
Applicant: Donald Taylor, Jr.						
20181675	2020-02-28	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Michael Geissinger						
20181449	2020-02-28	No Permit Nec	Pie/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Ralph Millar						
20160909	2020-02-28	Issued	Covered Slip/Pier/Spurs/ Breakwater	Westmoreland	Brad Reams	In Compliance
Applicant: Andrew Promisel						
20170022	2020-03-05	Issued	Erosion prevention	Surry	Brad Reams	In Compliance
Applicant: Donald Padgett						
Comments: partial wall completed 3/28/18						
20170274	2020-03-05	Issued	Pier/Lift	Isle of Wight	Brad Reams	In Compliance
Applicant: John Glover						
20191528	2020-03-05	Issued	Pier	Isle of Wight	Brad Reams	In Compliance

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Applicant: Brandon Wichman						
20161505	2020-03-05	Issued	Groin	Isle of Wight	Brad Reams	In Compliance
Applicant: David Owen						
20190730	2020-03-09	Issued	Cover existing Slip	Surry	Brad Reams	In Compliance
Applicant: Ronald Parham						
20161304	2020-03-09	Issued	Utility Xing (BRUSA Submarine Cable Segment 1)	Virginia Beach	Justin Worrell	In Compliance
Applicant: TELXIUS						
Comments: Justin checked as-built drawings						
20191510	2020-03-10	Issued	Riprap	Essex	Brad Reams	In Compliance
Applicant: F. Garrett, IV						
20190685	2020-03-10	Issued	Riprap/Ramp	New Kent	Brad Reams	In Compliance
Applicant: Thomas Treleaven						
20170485	2020-03-10	Issued	2 observation platforms	King and Queen	Brad Reams	In Compliance
Applicant: Middle Peninsula Chesapeake Bay Public Access Auth						
20161129	2020-03-12	Issued	Riprap/Living Shoreline	Virginia Beach	Brad Reams	Not Constructed
Applicant: Lucas Properties						
20161235	2020-03-12	Issued	Pier Repair	Portsmouth	Brad Reams	In Compliance
Applicant: David Jordan						
20160863	2020-03-12	Issued	Pier/Lift/Riprap	Norfolk	Brad Reams	Not Constructed
Applicant: George Arnold						
20161330	2020-03-12	Issued	Lift/Moorings/Add'l Uncovered Lift	Gloucester	Brad Reams	In Compliance
Applicant: Christopher Leigh						
Comments: gated, Measured with GIS						
20131319	2020-03-12	Issued	Pier	Virginia Beach	Brad Reams	In Compliance
Applicant: William Byman						
20191627	2020-03-12	Issued	Pergola over existing Deck	Norfolk	Brad Reams	In Compliance
Applicant: Pilot House Condo Unit Owners Association						
20171068	2020-03-12	Issued	Riprap	Virginia Beach	Brad Reams	Not Constructed
Applicant: Cecil Achord						
20161663	2020-03-12	Issued	Boathouse/Pier	James City	Brad Reams	In Compliance
Applicant: Robert Swain						
20190219	2020-03-12	Issued	Public Pier/Kayak-Canoe Launch	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk, City of						
20162021	2020-03-12	Issued	Bulkhead/Lift/Pier	Virginia Beach	Brad Reams	Out of Compliance
Applicant: Mitchell Dunbar						
Comments: Wharf and Finger pier, both larger than permitted						

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20151155	2020-03-12	Issued	Dredge/Groin	Virginia Beach	Brad Reams	Not Constructed
Applicant:	Eric Olson, et al					
Comments:	unable to determine, no groin/jetty in aerial images.					
20190447	2020-03-12	Issued	Pier/Lift	Norfolk	Brad Reams	In Compliance
Applicant:	Joseph Gresens					
20191122	2020-03-12	Issued	Living Shoreline	Norfolk	Brad Reams	Unable to Determine
Applicant:	Joe Kennedy					
20181260	2020-03-12	Issued	Oyster reef	Norfolk	Brad Reams	In Compliance
Applicant:	Matthew McKeon					
20161647	2020-03-12	Issued	Boathouse/Lift/Pier	Virginia Beach	Brad Reams	Not Constructed
Applicant:	Jim Conway					
20160728	2020-03-12	Issued	Multi-User Piers/Lifts	Virginia Beach	Brad Reams	Not Constructed
Applicant:	Ferebee Cove Condominium Corp.					
20160525	2020-03-13	Issued	Piers/Riprap/Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant:	Edward Walker					
20180007	2020-03-13	Issued	Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant:	Vaughan Howard, Jr.					
20161758	2020-03-13	Issued	Pier/Riprap/Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant:	Joseph Lineberry					
20161927	2020-03-13	Issued	Commercial Pier	Gloucester	Brad Reams	In Compliance
Applicant:	G C Tillage Inc.					
20170019	2020-03-13	Issued	Pier	Gloucester	Brad Reams	In Compliance
Applicant:	Larry Davis					
20161980	2020-03-13	Issued	Pier/2 Lifts/Boathouse	Gloucester	Brad Reams	In Compliance
Applicant:	Ron Whitley					
20181732	2020-03-13	Issued	Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant:	Lary Davis					
20130408	2020-05-19	Issued	Skiffes Creek Switching Station	Hampton	Brad Reams	In Compliance
Applicant:	Virginia Electric & Power Co.					
Comments:	surveyor Daniel Faggert, plotted the alignment and matched the permit drawings. 5/19/20 Ben Stagg, reviewed alignment and confirmed compliance.					
20180335	2020-06-04	Issued	Joint-use Pier	Accomack County	Hank Badger	In Compliance
Applicant:	James Tyler					
20200774	2020-07-07	Issued	Piling for Water Quality Instrumentation	Virginia Beach	Brad Reams	Moderate Compliance
Applicant:	Chesapeake Bay National Estuarine Research Reserve					
20170834	2020-07-14	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant:	Ron Kauffman					

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20161926	2020-07-14	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant:	Barry Spence					
20181263	2020-07-14	Issued	Pier/Riprap	Middlesex	Brad Reams	In Compliance
Applicant:	Barry Spence					
20161835	2020-07-14	Issued	Groins/Riprap	Middlesex	Brad Reams	Not Constructed
Applicant:	Stephanie Burton					
20162019	2020-07-14	Issued	Community Pier	Middlesex	Brad Reams	Out of Compliance
Applicant:	Coves At Wilton Creek Owners Association					
Comments:	Floating dock 8x14 not permitted.					
20180698	2020-07-14	Issued	Community Ramp	Middlesex	Brad Reams	In Compliance
Applicant:	Harbor House Association					
20161288	2020-07-14	Issued	Bulkhead/2 Jetties	Middlesex	Brad Reams	In Compliance
Applicant:	Garland Garrett					
20161892	2020-07-14	Issued	Pier/Lift/Riprap	Middlesex	Brad Reams	In Compliance
Applicant:	Michael Speeks					
20190257	2020-07-14	Issued	Community Pier	Middlesex	Brad Reams	In Compliance
Applicant:	Lucy Cove Property Owners Association					
20170417	2020-07-15	Issued	Pier	King and Queen	Brad Reams	Not Constructed
Applicant:	Claude Taylor					
20170748	2020-07-15	Issued	Extend Breakwater/Beach Nourishment	James City	Brad Reams	In Compliance
Applicant:	Jeffrey Moore					
20170363	2020-07-15	Issued	Pier Extension/Lift/ Covered Slip	King and Queen	Brad Reams	In Compliance
Applicant:	G. Guy, III					
Comments:	Modified > Pier shelter / gazebo 12x24					
20170483	2020-07-15	Issued	Pier Addition/Lift	New Kent	Brad Reams	Out of Compliance
Applicant:	Philip Stowell					
Comments:	Project modification to allow covered slip boathouse.					
20190518	2020-07-15	Issued	Pier/2 Lifts/PWC-Kayak Float	James City	Brad Reams	Not Constructed
Applicant:	Anne Mepham					
Comments:	reinspect 1 year. Not constructed Floating Dock & piers, BH complete.					
20170751	2020-07-17	Issued	Boathouse/Pier	King and Queen	Brad Reams	In Compliance
Applicant:	Karen Campbell					
20161341	2020-07-17	Issued	Breakwater/Sill/Beach Nourishment	James City	Brad Reams	In Compliance
Applicant:	Steven Wolf					
20150564	2020-07-17	Issued	Lift/Pier/Riprap	New Kent	Brad Reams	Not Constructed
Applicant:	John Vosnick					

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20181531	2020-07-17	Issued	Bulkhead/3 Groins	King and Queen	Brad Reams	Unable to Determine
Applicant:	Gina Fetterolf					
20170157	2020-07-17	Issued	Pier/2 PWC Lifts	York	Brad Reams	In Compliance
Applicant:	Steven Hopson					
20170657	2020-07-17	Issued	Living Shoreline	York	Brad Reams	In Compliance
Applicant:	Lawrence Ritter					
20161829	2020-07-17	Issued	Boathouse/Pier	York	Brad Reams	In Compliance
Applicant:	John Pack					
20170782	2020-07-20	Issued	Living Shoreline	Prince George	Brad Reams	In Compliance
Applicant:	Craig Stariha					
20170441	2020-07-21	Issued	Breakwater	Mathews	Brad Reams	In Compliance
Applicant:	Robin Vest					
20170334	2020-07-21	Issued	3 Community Piers	Mathews	Brad Reams	Out of Compliance
Applicant:	Richard Lowder					
Comments:	1st pier 80' (with boat lift) NOT authorized 2nd pier 100' (NO finger piers constructed as permitted) 3rd pier 100' (shorter 10' than permit)					
20171951	2020-07-21	Issued	Living Shoreline	Mathews	Brad Reams	In Compliance
Applicant:	Eleanor Evans					
20190914	2020-07-21	Issued	Boathouse/Lift/Pier	Mathews	Brad Reams	In Compliance
Applicant:	Dan Solari					
20180045	2020-07-21	Issued	Living Shoreline	Mathews	Brad Reams	In Compliance
Applicant:	William Nelson					
20160961	2020-07-21	Issued	Extend 2 Groins/ Breakwater/Pier/Lift	Mathews	Brad Reams	In Compliance
Applicant:	Mark Motley					
Comments:	8/3/17 Mr. Motley says plans changed check winter 2018					
20161888	2020-07-21	Issued	Riprap/Marsh Sill	Mathews	Brad Reams	In Compliance
Applicant:	John Evans					
Comments:	75% complete					
20161467	2020-07-21	Issued	Breakwaters	Mathews	Brad Reams	Not Constructed
Applicant:	Dorothy Spiggle					
20191256	2020-07-21	Issued	Riprap	Mathews	Brad Reams	In Compliance
Applicant:	Allan Roy					
20200190	2020-07-22	Issued	Riprap	Gloucester	Brad Reams	In Compliance
Applicant:	Chris Rennix					
20170348	2020-07-22	Issued	Main Street Drainage Improvements	Newport News	Brad Reams	In Compliance

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Applicant: Newport News, City of						
20170367	2020-07-22	Issued	Riprap	Newport News	Brad Reams	In Compliance
Applicant: Louise Roberts						
20170161	2020-07-22	Issued	Beach Nourishment/ Breakwater	Gloucester	Brad Reams	Not Constructed
Applicant: Walter Zielenski						
Comments: extension request						
20170355	2020-07-22	Issued	Boathouse/Lift/Pier	Gloucester	Brad Reams	Moderate Compliance
Applicant: Richard Bass						
Comments: 10x20 covered dock attached to boathouse not in permit, but statutorily under 400 sqft						
20191774	2020-07-22	Issued	Pier	Mathews	Brad Reams	Not Constructed
Applicant: Richard Mulligan						
Comments: 50% complete						
20170248	2020-07-29	Issued	Rirprap	Lancaster	Brad Reams	In Compliance
Applicant: Todd Glickstein						
20200108	2020-07-29	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Joseph Franke						
20161783	2020-07-29	Issued	Rebuild Boathouse	Lancaster	Brad Reams	In Compliance
Applicant: Richard Fickling						
20140569	2020-07-29	Issued	Bulkhead	Lancaster	Brad Reams	In Compliance
Applicant: Dorger Family Limited Partnership						
Comments: couldnâ€™t find Wetlands permit for riprap						
20181902	2020-07-29	Issued	Bulkhead/Travel Lift	Lancaster	Brad Reams	In Compliance
Applicant: Yankee Point Sailboat Marina, Inc.						
20170268	2020-07-29	Issued	Osprey Nesting Pole	Lancaster	Brad Reams	In Compliance
Applicant: Ed Kurtz						
20170193	2020-07-30	Issued	Lift/Jetties/Concrete Ramp Extension	Richmond County	Brad Reams	Not Constructed
Applicant: Stuart Martin						
20170003	2020-07-30	Issued	Belle Isle State Park Kayak & Canoe Launch	Lancaster	Brad Reams	In Compliance
Applicant: Conservation and Recreation, Department of						
20170266	2020-07-30	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: William Smith						
20170912	2020-08-03	Issued	Community Pier	Newport News	Brad Reams	In Compliance
Applicant: Waters Ridge Home Owners Association						
20170676	2020-08-06	Issued	Outfall @ Little Bay Avenue	Norfolk	Brad Reams	In Compliance
Applicant: Norfolk, City of						
20161574	2020-08-06	Issued	Churchland Bridge Improvements	Portsmouth	Brad Reams	Not Constructed

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Applicant: Portsmouth, City of						
20171012	2020-08-06	Issued	Bulkhead/Pier	Virginia Beach	Brad Reams	In Compliance
Applicant: Doug Granger						
20170066	2020-08-06	Issued	Pier, Lift	Suffolk	Brad Reams	In Compliance
Applicant: George Eberwine, Jr.						
20170313	2020-08-06	Issued	Pier, L-head, Gazebo, finger pier, boathouse, dock	Portsmouth	Brad Reams	In Compliance
Applicant: Mark Hugel						
20170246	2020-08-06	Issued	Frederick Boulevard Drainage Improvements	Portsmouth	Brad Reams	Unable to Determine
Applicant: Portsmouth Department of Public Works, City of						
Comments: Unable to access						
20180437	2020-08-06	Issued	Living Shoreline	Norfolk	Brad Reams	Unable to Determine
Applicant: Susan Boatwright						
Comments: Gated						
20170670	2020-08-06	Issued	Riprap, beach nourishment	Lancaster	Brad Reams	Not Constructed
Applicant: Stephen Armstrong						
20170102	2020-08-07	Issued	Osprey Nesting Platform	Lancaster	Brad Reams	In Compliance
Applicant: Randall Eliason						
20170072	2020-08-07	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: M. Kevin Rogers						
20171016	2020-08-07	Issued	Riprap	Northumberland	Brad Reams	Not Constructed
Applicant: Brad Worsham						
Comments: No sill constructed						
20161655	2020-08-07	Issued	Jetty	Northumberland	Brad Reams	In Compliance
Applicant: Rivers Knoll HOA, Inc.						
20170155	2020-08-07	Issued	Riprap/Sill	Lancaster	Brad Reams	Not Constructed
Applicant: Leon Stepanian, Jr.						
Comments: Only existing BWâ€™s						
20170927	2020-08-07	Issued	Pier/Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Richard Shurtz						
20161993	2020-08-07	Issued	Riprap	Lancaster	Brad Reams	In Compliance
Applicant: Gregory Retzinger						
20171220	2020-08-07	Issued	Lift/Riprap	Lancaster	Brad Reams	Unable to Determine
Applicant: Christopher Boggs						
Comments: Hurricane damage						
20171465	2020-08-07	Issued	Jetty/Ramp/Pier Extension/ Dredge	Lancaster	Brad Reams	Not Constructed
Applicant: David George						

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Comments: No jetty/ramp						
20181056	2020-08-14	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Michael Murphy						
20180497	2020-08-14	Issued	Living Shoreline	Northumberland	Brad Reams	In Compliance
Applicant: Daniel Palicio						
20170009	2020-08-14	Issued	Concrete Quay/Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Ronald Bevans						
20181808	2020-08-14	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Michael Brauer						
20181783	2020-08-14	No Permit Nec	Marsh stabilization, beach nourishment	Northumberland	Brad Reams	In Compliance
Applicant: Charles Riley						
20181469	2020-08-14	No Permit Nec	Riprap	Northumberland	Brad Reams	Unable to Determine
Applicant: Jennings Family Limited Partnership						
Comments: Hurricane tree damage						
20180376	2020-08-14	No Permit Nec	Bulkhead/Pier	Northumberland	Brad Reams	In Compliance
Applicant: James Pavek						
20181750	2020-08-14	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Doug Young						
20170289	2020-08-14	Issued	Riprap	Northumberland	Brad Reams	Not Constructed
Applicant: Elizabeth Kahl						
20170437	2020-08-14	Issued	Remove & replace groin	Northumberland	Brad Reams	In Compliance
Applicant: Sheryl Loop						
20170076	2020-08-14	Issued	Bulkhead/Groins/Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Thomas Scott, Jr.						
20180226	2020-08-14	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Kenneth Henson						
20170791	2020-08-14	Issued	Reconfigure 2 Slips w/Lifts	Northumberland	Brad Reams	In Compliance
Applicant: Tangier-Rappahannock, LLC						
20181300	2020-08-14	Issued	Pier/Boathouse	Northumberland	Brad Reams	Moderate Compliance
Applicant: John Temple, et al						
Comments: 22x33 measurements						
20170495	2020-08-21	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: David Quillen						
20170056	2020-08-21	Issued	Community Pier	Accomack County	Brad Reams	In Compliance
Applicant: Onancock, Town of						
20170187	2020-08-21	Issued	Community Pier Extension	Accomack County	Brad Reams	Moderate Compliance

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Applicant: Seatag Lodge Condo Assoc.						
Comments: 7â€™ wide						
20181031	2020-08-21	No Permit Nec	Riprap	Northampton	Brad Reams	In Compliance
Applicant: Walkley Johnson, Jr.						
20170212	2020-08-21	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Cedar View Beach Association						
20180625	2020-08-21	No Permit Nec	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Bruce Ricci						
20181156	2020-08-21	No Permit Nec	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Sharon Hayden						
20181515	2020-08-21	No Permit Nec	Bulkhead/Pier	Accomack County	Brad Reams	In Compliance
Applicant: MWM Chincoteague Minnow Harbor, LLC						
20170536	2020-08-21	Issued	Community Pier (30A2-A-132)	Accomack County	Brad Reams	In Compliance
Applicant: Racing Moon LLC						
20181776	2020-08-21	No Permit Nec	Pier/Riprap	Accomack County	Brad Reams	In Compliance
Applicant: Eric Tatman						
20181397	2020-08-21	No Permit Nec	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Ryan Fleagle						
20171102	2020-08-21	Issued	Bulkhead	Accomack County	Brad Reams	In Compliance
Applicant: Cheryl Downs						
20161788	2020-08-21	Issued	Bulkhead/Marginal Wharf/Pier	Accomack County	Brad Reams	Not Constructed
Applicant: Vernon McIntosh, Jr.						
20170316	2020-08-21	Issued	Bulkhead Repair	Accomack County	Brad Reams	In Compliance
Applicant: Sunset Bay, LLC Condo Association						
20161386	2020-08-21	Issued	Community Pier/Living Shoreline	Accomack County	Brad Reams	In Compliance
Applicant: Oceanside Resort LLC						
20170223	2020-08-25	Issued	Boathouse/Bulkhead/Pier	Northumberland	Brad Reams	Unable to Determine
Applicant: Alan Anderson						
Comments: Gated						
20161707	2020-08-25	Issued	30 Biogenic Oyster Reef Structures	Lancaster	Brad Reams	Unable to Determine
Applicant: Albert Pollard						
Comments: Reef depth-6 feet						
20180064	2020-08-25	No Permit Nec	Pier/Bulkhead	Northumberland	Brad Reams	In Compliance
Applicant: Oscar Reyes						
20181904	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant: Joseph Evans						

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20180743	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	H. Ames, III					
20180588	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	James Dise					
20180749	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Qingzhong Hao					
20180527	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Robert Manke					
20181758	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Toan Duong					
20180565	2020-08-25	No Permit Nec	Shoreline stabilization	Northumberland	Brad Reams	In Compliance
Applicant:	Gary Campbell					
20181634	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	William Holmes					
20181095	2020-08-25	No Permit Nec	Riprap	Northumberland	Brad Reams	In Compliance
Applicant:	Paul Griger					
20170349	2020-08-28	Issued	Riprap	Gloucester	Brad Reams	Not Constructed
Applicant:	Aaron Ames					
Comments:	extension 5/5/20					
20181797	2020-08-28	No Permit Nec	Vinyl Seawall	Middlesex	Brad Reams	In Compliance
Applicant:	Dale Lewis					
20181035	2020-08-28	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant:	Robert Handley					
20181867	2020-08-28	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant:	David Howell					
20181600	2020-08-28	No Permit Nec	Access Road/Bulkhead/ Riprap	Middlesex	Brad Reams	In Compliance
Applicant:	Delaware Corporation					
20181760	2020-08-28	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant:	Locust Grove Farm, Inc.					
20181841	2020-08-28	No Permit Nec	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant:	Bernie Glenn					
20161667	2020-08-28	Issued	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant:	Margaret Scruggs					
20181431	2020-08-28	No Permit Nec	Riprap/Jetty Repair	Middlesex	Brad Reams	In Compliance
Applicant:	Tucker Paxton					
20181665	2020-08-28	Issued	Bulkhead/Jetties	Middlesex	Brad Reams	In Compliance

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Applicant: Robert Whittemore						
20170667	2020-08-28	Issued	Pier/Lift/Osprey Nesting Platform	Gloucester	Brad Reams	In Compliance
Applicant: George Nottingham						
20170350	2020-08-28	Issued	Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant: Thomas Boyd						
20170162	2020-08-28	Issued	Living Shoreline, Pier, Boathouse, Lifts	Gloucester	Brad Reams	Not Constructed
Applicant: James Stevens, III						
20170034	2020-08-28	Issued	Living Shoreline	Gloucester	Brad Reams	In Compliance
Applicant: Andrew Kittler						
20170473	2020-08-28	Issued	Boathouse/Pier/2 Lifts	Gloucester	Brad Reams	Not Constructed
Applicant: Keith Barrack						
Comments: No roof						
20170890	2020-09-03	Issued	Hoskins Creek Boat Ramp Renovation	Essex	Brad Reams	Moderate Compliance
Applicant: Game and Inland Fisheries, Department of						
Comments: Ramp 17â€™ wide & pier 7â€™8â€• wide						
20171505	2020-09-03	Issued	Cover existing Lift	Essex	Brad Reams	In Compliance
Applicant: John Shurm, Sr.						
20180107	2020-09-03	No Permit Nec	Bulkhead	Middlesex	Brad Reams	In Compliance
Applicant: Thomas Williams						
20180239	2020-09-03	Issued	Osprey Nesting Platform	Essex	Brad Reams	In Compliance
Applicant: Malcolm Hilton						
20181524	2020-09-03	Issued	Pier/Lift/PWC Lift	Essex	Brad Reams	Not Constructed
Applicant: Blakely Smith						
20181481	2020-09-03	Issued	Bulkhead/Groin/Pier	Essex	Brad Reams	In Compliance
Applicant: Timothy Dolan						
20181404	2020-09-03	Issued	2 Osprey Nesting Poles	Essex	Brad Reams	In Compliance
Applicant: William Washington						
20171101	2020-09-03	Issued	Bulkhead	Essex	Brad Reams	In Compliance
Applicant: Beth Harvey						
20180255	2020-09-03	Issued	Pier	Essex	Brad Reams	In Compliance
Applicant: Tappahannock Warsaw Moose Lodge						
20181886	2020-09-03	Issued	Groins	Essex	Brad Reams	In Compliance
Applicant: Christopher Perry						
20181891	2020-09-03	Issued	Groins	Essex	Brad Reams	In Compliance
Applicant: Spott Krause						
20181389	2020-09-03	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance

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Applicant: Ida Hill						
20181950	2020-09-03	No Permit Nec	Riprap	Middlesex	Brad Reams	In Compliance
Applicant: Danny Salmon						
20180827	2020-09-05	No Permit Nec	Community Pier/Kayak Launch	Norfolk	Brad Reams	In Compliance
Applicant: Collins Recap V LLC						
20180443	2020-09-11	Issued	Jetty	Isle of Wight	Brad Reams	In Compliance
Applicant: R. Ellis						
20180750	2020-09-11	No Permit Nec	Driveway Xing	Gloucester	Brad Reams	In Compliance
Applicant: Sean Hancock						
20180773	2020-09-11	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant: Michael Mills						
20181745	2020-09-11	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant: John Marinke						
20181746	2020-09-11	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant: Robert Leigh						
20180158	2020-09-11	Pending	Living Shoreline	Gloucester	Brad Reams	Not Constructed
Applicant: John Gillespie, Jr.						
20181778	2020-09-11	No Permit Nec	Bulkhead replacement	Gloucester	Brad Reams	In Compliance
Applicant: Bryan Schempf						
20180032	2020-09-11	No Permit Nec	Breakwater, revetment, sand nourishment	Gloucester	Brad Reams	In Compliance
Applicant: Mary Hamilton						
20181878	2020-09-11	No Permit Nec	Riprap	Gloucester	Brad Reams	Unable to Determine
Applicant: Harry Borbe						
Comments: Gated						
20181771	2020-09-11	No Permit Nec	Bulkhead	York	Brad Reams	Unable to Determine
Applicant: George Wargo						
Comments: Gated						
20181304	2020-09-11	No Permit Nec	Bulkhead/Riprap	York	Brad Reams	Unable to Determine
Applicant: Stephanie Thompson						
Comments: Gated						
20180433	2020-09-11	No Permit Nec	Pier/Bulkhead	York	Brad Reams	In Compliance
Applicant: Dan Shipley						
20181358	2020-09-11	No Permit Nec	Riprap	Poquoson	Brad Reams	In Compliance
Applicant: Billy Wooley						
20181149	2020-09-11	No Permit Nec	Culvert pipe extension	Poquoson	Brad Reams	Not Constructed
Applicant: Karen Krieger						

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20180311	2020-09-11	No Permit Nec	Pier/Lift/PWC Lift/Riprap	Newport News	Brad Reams	In Compliance
Applicant:	Elton Roller					
20180039	2020-09-11	No Permit Nec	Riprap	Isle of Wight	Brad Reams	In Compliance
Applicant:	John Knox					
20180662	2020-09-16	Issued	Breakwater	Northampton	Brad Reams	In Compliance
Applicant:	John Kolos					
20190106	2020-09-16	Issued	Piers/Mooring Dolphins	Norfolk	Brad Reams	In Compliance
Applicant:	C & M Industries Inc.					
20161948	2020-09-16	Issued	Bulkhead/Riprap	Northampton	Brad Reams	In Compliance
Applicant:	William Thomas					
20171769	2020-09-16	Issued	Rock Sill	Northampton	Brad Reams	In Compliance
Applicant:	Melinda Blanchard					
20181755	2020-09-16	No Permit Nec	Riprap/ Erosion Blanket	Northampton	Brad Reams	In Compliance
Applicant:	Richard Burroughs					
20181607	2020-09-16	No Permit Nec	Bulkhead	Northampton	Brad Reams	In Compliance
Applicant:	Kenneth Bone					
20171376	2020-09-16	Issued	Commercial Pier	Northampton	Brad Reams	In Compliance
Applicant:	H. M. Terry Company					
20172119	2020-09-16	Issued	Bulkhead/Piers @ Morleys Wharf	Northampton	Brad Reams	In Compliance
Applicant:	Northampton, County of					
20161428	2020-09-16	Issued	Riprap	Northampton	Brad Reams	In Compliance
Applicant:	Jonathan Sidway					
20181855	2020-09-22	Issued	Bulkhead	Stafford	Brad Reams	In Compliance
Applicant:	Austin Hott					
Comments:	upload lost, database error, IT confirmed 11/6/20					
20181970	2020-09-22	Issued	Walkway/Canoe/Kayak Launch @ Widewater State Park	Stafford	Brad Reams	In Compliance
Applicant:	Conservation and Recreation, Department of					
Comments:	upload lost, database error, IT confirmed 11/6/20					
20160701	2020-09-22	Issued	Groins/Shoreline Stabilization	King George	Brad Reams	In Compliance
Applicant:	Mark Adrian					
Comments:	upload lost, database error, IT confirmed 11/6/20					
20170780	2020-09-22	Issued	Bulkhead/Lift/Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant:	Kat Ligon					
20181553	2020-09-22	Issued	Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant:	Frederick Haycox, III					
20181969	2020-09-22	Issued	Bulkhead	Stafford	Brad Reams	In Compliance

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Applicant: Peggy Pratt						
Comments: upload lost, database error, IT confirmed 11/6/20						
20181262	2020-09-22	Issued	Groin/Riprap	King George	Brad Reams	In Compliance
Applicant: Ryan Jenkins						
Comments: upload lost, database error, IT confirmed 11/6/20						
20190635	2020-09-22	Issued	Floating Pier/Gangway	Stafford	Brad Reams	In Compliance
Applicant: Potomac Homeowners Association						
Comments: upload error lost in database IT confirmed						
20180399	2020-09-22	Issued	Pier/Lift/Riprap	King George	Brad Reams	In Compliance
Applicant: Michael Wardman						
Comments: upload lost, database error, IT confirmed 11/6/20						
20161671	2020-09-22	Issued	Pier Extension/Lift/PWC Lifts	Virginia Beach	Brad Reams	In Compliance
Applicant: Larry Hill						
20181978	2020-09-22	Issued	Community Pier Repair	Stafford	Brad Reams	In Compliance
Applicant: Belle Plain Boat Club						
Comments: upload lost, database error, IT confirmed 11/6/20						
20180452	2020-09-22	No Permit Nec	Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Ronald Holt						
20180003	2020-09-22	No Permit Nec	Riprap	Virginia Beach	Brad Reams	Unable to Determine
Applicant: Charles Barker, Jr.						
Comments: Gated						
20180875	2020-09-22	No Permit Nec	Bulkhead/Pier/2 Lifts/ Riprap	Virginia Beach	Brad Reams	Unable to Determine
Applicant: Robert Marchetti						
Comments: Construction						
20171210	2020-09-22	Issued	Living Shoreline	Virginia Beach	Brad Reams	In Compliance
Applicant: Greg Battaglia						
20161935	2020-09-22	Issued	Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Robert Remick						
20181227	2020-09-22	No Permit Nec	Lift/3 Piers/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Jeramy Biggie						
20180155	2020-09-22	No Permit Nec	Bulkhead/Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant: Jorge Dabul						
20140203	2020-09-22	Issued	Living Shoreline	Virginia Beach	Brad Reams	Not Constructed
Applicant: Eric Olson						
20180340	2020-09-22	No Permit Nec	Bulkhead/Lift/Pier/Safety Fence	Virginia Beach	Brad Reams	Not Constructed
Applicant: Celebi Ozic						

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20181721	2020-09-22	No Permit Nec	Pier/Lift/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant:	Russell Smith					
20181396	2020-09-22	No Permit Nec	Boathouse/Bulkhead/Lift/ Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant:	Bryan Garnett					
20181428	2020-09-22	Issued	Boathouse/Pier Expansion/ Riprap/Flex-a-Mat	Virginia Beach	Brad Reams	In Compliance
Applicant:	James Conway					
20190603	2020-09-22	Issued	Covered slip	King George	Brad Reams	In Compliance
Applicant:	Sylvia Rollins					
Comments:	upload lost, database error, IT confirmed 11/6/20					
20190742	2020-09-23	Issued	Pier/2 Lifts/Riprap	Virginia Beach	Justin Worrell	Out of Compliance
Applicant:	Joe Rhodes, Jr.					
20150196	2020-09-25	Issued	Living Shoreline	Norfolk	Brad Reams	In Compliance
Applicant:	Norfolk Southern Corp.					
Comments:	as-built drawings submitted, with ongoing monitoring 5 year progress reports					
20190144	2020-09-25	Issued	Trail/Boardwalk (Gloucester State Park, Timberneck	Gloucester	Brad Reams	In Compliance
Applicant:	Conservation Fund, The					
20180514	2020-09-25	No Permit Nec	Bulkhead/Lift/Pier	Gloucester	Brad Reams	In Compliance
Applicant:	Joseph Call, IV					
20180513	2020-09-25	No Permit Nec	Shoreline stabilization	Gloucester	Brad Reams	In Compliance
Applicant:	Stephen Killiany					
20181964	2020-09-25	No Permit Nec	Riprap	Gloucester	Brad Reams	In Compliance
Applicant:	Debra Dennis					
20200173	2020-09-25	Issued	Pier	Gloucester	Brad Reams	In Compliance
Applicant:	Conservation Fund, The					
20180978	2020-09-28	No Permit Nec	Pier/Riprap	King George	Brad Reams	In Compliance
Applicant:	Jayson Goff					
20180560	2020-09-29	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Robert Sutton					
20181195	2020-09-29	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Sandra Timmins					
20180075	2020-09-29	No Permit Nec	Pier/Lift/Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Kevin MacNair					
20181965	2020-09-29	Issued	Riprap/3 Groins	Lancaster	Brad Reams	In Compliance
Applicant:	Shirley Brown					
20181663	2020-09-29	Issued	Jetty Repair	Richmond County	Brad Reams	Not Constructed
Applicant:	Charles Spivey					

Virginia Marine Resources Commission
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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20181485	2020-09-29	Issued	Bulkhead/Groins	Richmond County	Brad Reams	In Compliance
Applicant:	Lynwood Pierson, et al					
20180145	2020-09-29	Issued	Pier/2 Groins	Richmond County	Brad Reams	In Compliance
Applicant:	Jerry Mayers					
20181631	2020-09-29	No Permit Nec	Riprap	Mathews	Brad Reams	In Compliance
Applicant:	Dennis McShane					
20180040	2020-09-29	No Permit Nec	Sill/Living Shoreline	Mathews	Brad Reams	In Compliance
Applicant:	Morris Bay Properties LLC					
20181870	2020-09-29	No Permit Nec	Riprap	Mathews	Brad Reams	In Compliance
Applicant:	William Leitner					
20180465	2020-09-29	No Permit Nec	Pier/Lift/Riprap	Mathews	Brad Reams	In Compliance
Applicant:	Keith Walls					
20181331	2020-09-29	No Permit Nec	Groins, Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Robert Hunter					
20180462	2020-09-29	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	Charles Carter					
20182022	2020-09-29	No Permit Nec	Revetment addition	Lancaster	Brad Reams	In Compliance
Applicant:	Nicolas Cotanis					
20180957	2020-09-29	No Permit Nec	Riprap	Lancaster	Brad Reams	In Compliance
Applicant:	G.A. Park, LLC					
20181734	2020-09-29	No Permit Nec	Riprap	Lancaster	Brad Reams	Not Constructed
Applicant:	William Howard, Jr.					
20180246	2020-09-29	No Permit Nec	Pier/Bulkhead/Riprap	Lancaster	Brad Reams	Not Constructed
Applicant:	John Franklin					
20180358	2020-09-30	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant:	Joseph Zovak, et al					
20181887	2020-09-30	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant:	James Hill					
20181894	2020-09-30	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant:	Pamela Turner					
20180769	2020-09-30	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant:	David vanDaalen					
20181883	2020-09-30	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant:	Casey Robinson					
20181180	2020-09-30	No Permit Nec	Pier/Bulkhead	Virginia Beach	Brad Reams	Not Constructed
Applicant:	Merri Tyrrel					

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Application	Inspected	Status	Description	Locality	Inspector	Degree of Compliance
20181430	2020-09-30	No Permit Nec	Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant:	Loretta Duncan					
20180483	2020-09-30	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant:	Tom Laidlaw					
20180005	2020-09-30	No Permit Nec	Pier/Riprap	Virginia Beach	Brad Reams	Unable to Determine
Applicant:	Joseph LaMontague					
Comments:	Gated					
20180675	2020-09-30	No Permit Nec	Bulkhead	Virginia Beach	Brad Reams	In Compliance
Applicant:	Bradley Durfey					
20180084	2020-09-30	No Permit Nec	Riprap/Outfall (Marriott Residence Inn)	Virginia Beach	Brad Reams	In Compliance
Applicant:	Linkhorn Associates, LLC					
20180490	2020-09-30	No Permit Nec	Pier/Riprap	Virginia Beach	Brad Reams	In Compliance
Applicant:	Karen Haynes					
20180342	2020-09-30	No Permit Nec	Riprap	Norfolk	Brad Reams	In Compliance
Applicant:	Oren Wood					
20180111	2020-09-30	No Permit Nec	Living Shoreline	Norfolk	Brad Reams	In Compliance
Applicant:	Benjamin Ivey, Jr.					
20181803	2020-09-30	No Permit Nec	Riprap/Stabilization Mats	Norfolk	Brad Reams	Unable to Determine
Applicant:	Gary Rosso					
Comments:	Gated					
20181935	2020-09-30	No Permit Nec	Coir Logs/Bulkhead	Norfolk	Brad Reams	In Compliance
Applicant:	Gerald Massie					
20181957	2020-09-30	No Permit Nec	Riprap	Norfolk	Brad Reams	Unable to Determine
Applicant:	Patricia Counselman					
Comments:	Gated					
20180349	2020-09-30	No Permit Nec	Oyster Castles	Norfolk	Brad Reams	Unable to Determine
Applicant:	James Izard					
Comments:	High tide					
20181695	2020-09-30	No Permit Nec	Riprap	Mathews	Brad Reams	In Compliance
Applicant:	Doris Clarke					