



Department of Conservation & Recreation  
COMMONWEALTH OF VIRGINIA

VSMF GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER DISCHARGES  
FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS [VAR04]

(Please Type or Print All Information)

(The applicable fee specified in Form DCR 199-145 must additionally be submitted to the address given in that form to obtain coverage)

1. Regulated Small MS4

Name: VAR040052: MSA PHASE II SMALL MS4 GENERAL PERMIT

Type:  City  County  Incorporated Town  Unincorporated Town  College or University  
 Local School Board  Military Installation  Transport System  Federal or State Facility  Other

Location (County or City): Gloucester Point, VA

2. Regulated Small MS4 Operator

Name: Virginia Institute of Marine Science

Address: P.O. Box 1346, 1208 Greate Road

City: Gloucester Point State: VA Zip: 23062

3. Hydrologic Unit Code(s) as identified in the most recent version of Virginia's 6th Order National Watershed Boundary Dataset currently receiving discharges or that have potential to receive discharges from the regulated small MS4:

York River Y068 & Y069

4. Attach a description of the estimated drainage area, in acres, served by the regulated small MS4 discharging to any impaired receiving surface waters listed in the most recent Virginia 305(b)/303(d) Water Quality Assessment Integrated Report, and a description of the land use of each such drainage area.

5. Any TMDL waste loads allocated to the regulated small MS4 (this information may be found at <http://www.deq.state.va.us/tmdl/develop.html>):

N/A

6. The name(s) of any regulated physically interconnected MS4s to which the regulated small MS4 discharges.

N/A

7. A copy of the MS4 Program Plan that includes:

a. A list of BMPs that the operator proposes to implement for each of the stormwater minimum control measures and their associated measurable goals pursuant to 4VAC50-60-1240, Section II B; that includes:

i. A list of the existing policies, ordinances, schedules, inspection forms, written procedures, and other documents necessary for BMP implementation; and

ii. The individual, department, division, or unit responsible for implementing the BMP;

b. The objective and expected results of each BMP in meeting the measurable goals of the stormwater minimum control measures;

c. The implementation schedule including any interim milestones for the implementation of a proposed new BMP; and

d. The method that will be utilized to determine the effectiveness of each BMP and the program as a whole.

8. List all existing signed agreements between the operator and any applicable third parties where the operator has entered into an agreement in order to implement minimum control measures or portions of minimum control measures.

N/A

9. The name, address, telephone number and e-mail address of either the principal executive officer or ranking elected official as defined in 4VAC50-60-370.

Dr. John T. Wells, Dean/Director, Virginia Institute of Marine Science  
P.O. Box 1346, Route 1208 Great Rd., Gloucester Point, VA 23062  
(804) 684-7103, Wells@vims.edu

10. The name, position title, address, telephone number and e-mail address of any duly authorized representative as defined in 4VAC50-60-370.

N/A

11. **Certification:** "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."

Print Name: Dr. John T. Wells

Title: Dean/Director, VIMS

Signature: *John T. Wells*

Date: 2/19/09

For Department of Conservation and Recreation Use Only

Accepted/Not Accepted by: \_\_\_\_\_

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

Basin \_\_\_\_\_

Stream Class \_\_\_\_\_

Section \_\_\_\_\_

Special Standards \_\_\_\_\_

## Virginia Institute of Marine Science

### *Item 4: Description of Drainage Area*

The total drainage area is estimated as 40 acres divided into upper and lower areas.

The upper area drains into the York River (Y069) downstream of Gloucester Point. This area is approximately 32 acres and is approximately 38 percent impervious. It consists of office buildings, laboratories, and other infrastructures including roads and sidewalks along with grassy and lightly wooded areas. The topography is sloping towards the river with approximately 20 feet of relief. The soils are Psammments-Hapludults complex and are well drained with moderate permeability

The lower area drains into the York River (Y068) upstream of Gloucester Point. This area is approximately 8 acres is approximately 30 percent impervious. It consist of laboratories, repair shops, aquaculture operations, roadways, and marsh, beach, dunes, and a boat basin and canal. The topography is essentially flat with an elevation of 5 to 6 feet. The soils are Osier loamy fine sand and are poorly drained.