

Fact Sheet
Permit Modification No. 1

1. Facility Name and Address: Washington Navy Yard
1014 N. Street, SE Suite 320
Washington, DC 20374

2. NPDES No. DC0000141

3. Receiving Stream: Lower Anacostia River

4. Receiving Stream Classification:

According to the District of Columbia Water Quality Standards §1101.2, the Anacostia River is designated for the following beneficial water uses:

- Class A - Primary Contact Recreation
- Class B - Secondary Contact Recreation and Aesthetic Enjoyment
- Class C - Protection and propagation fish, shellfish and wildlife
- Class D - Protection of human health related to consumption of fish and shellfish
- Class E - Navigation

The current water beneficial uses for this stream are:

- Class B - Secondary Contact Recreation and Aesthetic Enjoyment
- Class C - Protection and propagation fish, shellfish and wildlife
- Class D - Protection of human health related to consumption of fish and shellfish
- Class E - Navigation

5. SIC Code: 8744 - Facility Support Management Services

6. Description

The Naval District Washington, formerly the Washington Navy Yard (WNY), was established on October 2, 1799, and served as a major shipbuilding facility during the first part of the 19th century. During the latter part of the 19th century, shipbuilding operations ceased and the WNY became the Naval Gun Factory in 1886. During World War II the Naval Gun Factory employed 25,000 people and was the largest gun factory in the world. In 1961 gun production ceased and the facility was converted to administrative and supply use. The facility occupies 63 acres on the banks of the Lower Anacostia River and borders the eastern boundary of the Southeast Federal Center.

Storm water that accumulates at the site is collected in a subsurface storm water drainage system which discharges directly into the Lower Anacostia River, the District of Columbia Combined Sewer System and to the District Separate Storm Sewer System (MS4). The WNY has use permeable pavers at various sites of its facility. This facility has

rehabilitated and cleaned its entire storm sewer system. As of 2005, 21,040 linear feet of storm sewer system were cleaned, 9,100 linear feet has been lined using cure-in-place liner, and 11,400 linear feet was replaced or newly installed.

On November 10, 2010, the Naval Support Activity Washington (NSAW) submitted a permit modification request to revise the compliance schedule for the fecal coliform study specified in Part III, Special Condition Section B, Compliance Schedule, of the final NPDES permit effective January 22, 2010. The NSAW issued a contract to AH Environmental Consultants, Contract No. N40080-09-D-0499, to update and verify the storm system maps, identify illicit discharges, and develop a fecal coliform source tracking study to determine the sources of fecal coliform in the WNY storm water discharges. The fecal coliform source tracking study requires at a minimum of 13 rain events with magnitude ranging from 0.3 to 0.5 inches. Since the NSAW could not collect the fecal coliform source tracking samples in compliance with the specifications of the study, it is requesting a permit modification to complete the study.

The NSAW will implement the following compliance schedule milestones to complete the fecal coliform source tracking study.

- Within 60 days of the effective day of the Permit Modification No. 1, the Naval Support Activity Washington (NSAW) shall submit a copy of the Fecal Coliform Source Study plan specified in Task 9 of the work assignment for the NSAW Contract No. N40080-09-D-0499. The plan shall include a description of the assessment methodology and the sampling plan. As specified in the work assignment the sampling plan shall include sampling locations, analytes required, field procedures, and laboratory procedures, information about blank and duplicate samples as well as external samples of the Anacostia River at the discharge points, upstream of the discharge points and downstream points for comparisons. Also, the sampling shall be conducted during rain events with magnitude ranging from 0.3 and 0.5 inches.
- The permittee shall submit with its Discharge Monitoring Reports the number of samples that were collected in compliance with the study specifications.
- Six months after the completion of the 13 sampling events, the permittee shall submit a report identifying the sources of fecal coliform at the Washington Navy Yard. If the sources of fecal coliform are anthropogenic, the permittee shall submit an action plan with a detailed schedule to address the identified sources.

6. Public Notice Date: From December 17, 2010 to January 16, 2011

7. District of Columbia Certification:

8. Contact: Francisco Cruz
Environmental Engineer
215/814-573