

PRETREATMENT PERMIT

**issued to**

**Location Address:**

United States Coast Guard Academy  
15 Mohegan Avenue  
New London, CT 06320

United States Coast Guard Academy  
15 Mohegan Avenue  
New London, CT 06320

**Facility ID: 095-026**

**Permit ID: SP0002235**

**Permit Expires: October 26, 2020**

**SECTION 1: GENERAL PROVISIONS**

- (A) This permit is reissued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), and Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and a modified Memorandum of Agreement (MOA) dated June 3, 1981, by the Administrator of the United States Environmental Protection Agency which authorizes the State of Connecticut to administer a Pretreatment Program pursuant to 40 CFR Part 403.
- (B) United States Coast Guard Academy, ("Permittee"), shall comply with all conditions of this permit including the following sections of the RCSA which have been adopted pursuant to section 22a-430 of the CGS and are hereby incorporated into this permit. Your attention is especially drawn to the notification requirements of subsection (i)(2), (i)(3), (j)(1), (j)(6), (j)(8), (j)(9)(C), (j)(11)(C), (D), (E), and (F), (k)(3) and (4) and (l)(2) of section 22a-430-3.

Section 22a-430-3 General Conditions

- (a) Definitions
- (b) General
- (c) Inspection and Entry
- (d) Effect of a Permit
- (e) Duty
- (f) Proper Operation and Maintenance
- (g) Sludge Disposal
- (h) Duty to Mitigate
- (i) Facility Modifications; Notification
- (j) Monitoring, Records and Reporting Requirements
- (k) Bypass
- (l) Conditions Applicable to POTWs
- (m) Effluent Limitation Violations (Upsets)
- (n) Enforcement
- (o) Resource Conservation
- (p) Spill Prevention and Control
- (q) Instrumentation, Alarms, Flow Recorders
- (r) Equalization

Section 22a-430-4 Procedures and Criteria

- (a) Duty to Apply
- (b) Duty to Reapply
- (c) Application Requirements
- (d) Preliminary Review
- (e) Tentative Determination
- (f) Draft Permits, Fact Sheets
- (g) Public Notice, Notice of Hearing
- (h) Public Comments
- (i) Final Determination
- (j) Public Hearings
- (k) Submission of Plans and Specifications. Approval.

- (l) Establishing Effluent Limitations and Conditions
  - (m) Case by Case Determinations
  - (n) Permit issuance or renewal
  - (o) Permit Transfer
  - (p) Permit revocation, denial or modification
  - (q) Variances
  - (r) Secondary Treatment Requirements
  - (s) Treatment Requirements for Metals and Cyanide
  - (t) Discharges to POTWs - Prohibitions
- (C) Violations of any of the terms, conditions, or limitations contained in this permit may subject the Permittee to enforcement action, including but not limited to, seeking penalties, injunctions and/or forfeitures pursuant to applicable sections of the CGS and RCSA. Specifically, civil penalties of up to twenty-five thousand dollars may be assessed per violation per day.
- (D) Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under section 22a-438 or 22a-131a of the CGS or in accordance with section 22a-6, under section 53a-157b of the CGS.
- (E) The authorization to discharge under this permit may not be transferred without prior written approval of the Commissioner of Environmental Protection ("the Commissioner"). To request such approval, the Permittee and proposed transferee shall register such proposed transfer with the Commissioner at least 30 days prior to the transferee becoming legally responsible for creating or maintaining any discharge which is the subject of the permit transfer. Failure by the transferee to obtain the Commissioner's approval prior to commencing such discharge(s) may subject the transferee to enforcement action for discharging without a permit pursuant to applicable sections of the CGS and RCSA.
- (F) Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- (G) An annual fee shall be paid for each year this permit is in effect as set forth in section 22a-430-7 of the Regulations of Connecticut State Agencies.
- (H) This permitted discharge is consistent with the applicable goals and policies of the Connecticut Coastal Management Act (section 22a-92 of the Connecticut General Statutes).

## SECTION 2: DEFINITIONS

- (A) The definitions of the terms used in this permit shall be the same as the definitions contained in section 22a-423 of the CGS and section 22a-430-3(a) and 22a-430-6 of the RCSA.
- (B) In addition to the above the following definitions shall apply to this permit:
- "----" in the limits column on the monitoring table means a limit is not specified but a value must be reported on the DMR.
- "Average Monthly Limit" means the maximum allowable "Average Monthly Concentration" as defined in section 22a-430-3(a) of the RCSA when expressed as a concentration (e.g. mg/l); otherwise, it means "Average Monthly Discharge Limitation" as defined in section 22a-430-3(a) of the RCSA.
- "BATCH" means a finite volume of wastewater discharged over a period of time.
- "Daily Concentration" means the concentration of a substance as measured in a daily composite sample, or the arithmetic average of all grab sample results defining a grab sample average.
- "Daily Quantity" means the quantity of waste generated during an operating day.
- "Instantaneous Limit" means the highest allowable concentration of a substance as measured by a grab sample, or the highest allowable measurement of a parameter as obtained through instantaneous monitoring.
- "Maximum Daily Limit" means the maximum allowable "Daily Concentration" (defined above) when expressed as a concentration (e.g. mg/l); otherwise, it means the maximum allowable "Daily Quantity" as defined above unless it is expressed as a flow quantity. If expressed as a flow quantity it means "Maximum Daily Flow" as defined in section 22a-430-3(a) of the RCSA.

"NA" as a Monitoring Table abbreviation means "not applicable".

"NR" as a Monitoring Table abbreviation means "not required".

"Quarterly", in the context of a sampling frequency, means sampling is required in the months of January, April, July and October.

"Range During Sampling" or "RDS", as a sample type, means the maximum and minimum of all values recorded as a result of analyzing each grab sample of; 1) a Composite Sample, or 2) a Grab Sample Average. For those permittees with continuous monitoring and recording pH meters, Range During Sampling shall mean the maximum and minimum readings recorded with the continuous monitoring device during the Composite or Grab Sample Average sample collection.

"Range During Month" or "RDM", as a sample type, means the lowest and the highest values of all of the monitoring data for the reporting month.

"Semi-Annual" in the context of a sampling frequency, means the sample must be collected in the months of April and October.

"ug/l" means micrograms per liter.

### **SECTION 3: COMMISSIONER'S DECISION**

- (A) The Commissioner has made a final determination and found that the continuance of the existing system to treat the discharges DSN 201 and DSN 207 and that the continuance of the existing discharges DSN 202, DSN 203, DSN 204, DSN 205 and DSN 206, DSN 208, DSN 209, DSN 210 and DSN 211 will protect the waters of the state from pollution. The Commissioner's decision is based on Application No.200700094 for permit reissuance received on April 14, 2008 and the administrative record established in the processing of that application.
- (B) The Commissioner hereby authorizes the Permittee to discharge in accordance with the provisions of this permit, the above referenced application, and all approvals issued by the Commissioner or the Commissioner's authorized agent for the discharges and/or activities authorized by, or associated with, this permit.
- (C) The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions that may be authorized under the Federal Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Federal Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

### **SECTION 4: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

- (A) The discharges shall not exceed and shall otherwise conform to specific terms and conditions listed below. The discharges are restricted by, and shall be monitored in accordance with, the tables below.

**Table A**

**Discharge Serial Number:** 201-1 **Monitoring Location:** 1

**Wastewater Description:** Cement laboratory wastewaters

**Monitoring Location Description:** Settling tank effluent located in McAllister Hall

**Discharge is to:** The City of New London Water Pollution Control Facility

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>2</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency <sup>2</sup>	Sample Type or measurement to be reported
Flow, Day of Sampling <sup>1</sup>	gpd	NA	150	quarterly	daily flow	NA	NR	NA
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.5	quarterly	RDS
Total Suspended Solids	mg/l	NA	NA	NR	NA	----	quarterly	grab

**Table Footnotes:**

<sup>1</sup> The permittee shall maintain at the facility a record of the total flow for each day of sampling and shall report on the discharge monitoring report the total flow for the day of sample collection.

<sup>2</sup> The first entry in this column is the ‘Sample Frequency’. If this entry is not followed by a ‘Reporting Frequency’ and the ‘Sample Frequency’ is more frequent than monthly then the ‘Reporting Frequency’ is monthly. If the ‘Sample frequency’ is specified as monthly, or less frequent, then the ‘Reporting Frequency’ is the same as the ‘Sample Frequency’.

**Table B**

<b>Discharge Serial Number:</b> 202-1						<b>Monitoring Location:</b> 1		
<b>Wastewater Description:</b> Tow tank filter backwash (McAllister Hall)								
<b>Monitoring Location Description:</b> Tow tank filter effluent piping								
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>2</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency <sup>2</sup>	Sample Type or measurement to be reported
Flow, Day of Sampling <sup>1</sup>	gpd	NA	300	quarterly	daily flow	NA	NR	NA
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.5	quarterly	RDS
Total Residual Chlorine	mg/l	NA	NA	NR	NA	-----	quarterly	grab
Total Suspended Solids	mg/l	NA	NA	NR	NA	-----	quarterly	grab
Zinc, Total	mg/l	NA	NA	NR	NA	-----	quarterly	grab
<b>Table Footnotes:</b>								
<sup>1</sup> The permittee shall maintain at the facility a record of the total flow for each day of sampling and shall report on the discharge monitoring report the total flow for the day of sample collection.								
<sup>2</sup> The first entry in this column is the 'Sample Frequency'. If this entry is not followed by a 'Reporting Frequency' and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.								

**Table C**

<b>Discharge Serial Number:</b> 203-1	<b>Monitoring Location:</b> 1
<b>Wastewater Description:</b> Recirculation tank backwash (McAllister Hall)	
<b>Monitoring Location Description:</b> Tow tank filter effluent piping	
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility	

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>2</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency <sup>2</sup>	Sample Type or measurement to be reported
Flow, Day of Sampling <sup>1</sup>	gpd	NA	300	quarterly	daily flow	NA	NR	NA
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.5	quarterly	RDS
Total Residual Chlorine	mg/l	NA	NA	NR	NA	-----	quarterly	grab
Total Suspended Solids	mg/l	NA	NA	NR	NA	-----	quarterly	grab
Zinc, total	mg/l	NA	NA	NR	NA	-----	quarterly	grab

**Table Footnotes:**

<sup>1</sup> The permittee shall maintain at the facility a record of the total flow for each day of sampling and shall report on the discharge monitoring report the total flow for the day of sample collection.

<sup>2</sup> The first entry in this column is the 'Sample Frequency'. If this entry is not followed by a 'Reporting Frequency' and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

**Table D**

<b>Discharge Serial Number:</b> 204-1	<b>Monitoring Location:</b> 1
<b>Wastewater Description:</b> Recirculation tank draining wastewaters (McAllister Hall)	
<b>Monitoring Location Description:</b> Tow tank filter effluent piping	
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility	

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>2</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency <sup>2</sup>	Sample Type or measurement to be reported
Flow, Day of Sampling <sup>1</sup>	gpd	NA	15,000	Per Batch	daily flow	NA	NR	NA
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.5	Per Batch	RDS
Total Residual Chlorine	mg/l	NA	NA	NR	NA	3.0	Per Batch	grab
Total Suspended Solids	mg/l	NA	NA	NR	NA	-----	Per Batch	grab
Zinc, Total	mg/l	NA	NA	NR	NA	3.0	Per Batch	grab

**Table Footnotes:**

<sup>1</sup> The first entry in this column is the ‘Sample Frequency’. If this entry is not followed by a ‘Reporting Frequency’ and the ‘Sample Frequency’ is more frequent than monthly then the ‘Reporting Frequency’ is monthly. If the ‘Sample frequency’ is specified as monthly, or less frequent, then the ‘Reporting Frequency’ is the same as the ‘Sample Frequency’.

<sup>2</sup> The permittee shall maintain at the facility a record of the total flow, total residual chlorine concentration and pH for each day the Recirculation Tank is drained and shall report on the discharge monitoring report the total flow, total residual chlorine and pH for the day of sample collection.

**Table Remarks:**

<sup>3</sup> For Recirculation Tank Draining wastewater, the concentration of total residual chlorine in the discharge shall be determined by analysis of a representative grab sample utilizing a test kit capable of achieving a detection limit for TRC that is less than or equal to 0.1 mg/l.

<sup>4</sup> The permittee shall drain the Recirculation Tank at a constant rate for greater than or equal to twenty-four (24) hours.

<b>Table E</b>	
<b>Discharge Serial Number:</b> 205-1	<b>Monitoring Location:</b> 1
<b>Wastewater Description:</b> Chemistry laboratory wastewaters (Smith Hall)	
<b>Monitoring Location Description:</b> NO MONITORING IS REQUIRED	
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility	
<p><b>Table Remarks:</b>            Only secondary rinses are allowed to discharge via the drains. Concentrated solutions and first rinses shall not be disposed of through sinks but hauled away by a waste hauler permitted under Section 22a-454(a) of the Connecticut General Statutes.</p>	

<b>Table F</b>	
<b>Discharge Serial Number:</b> 206-1	<b>Monitoring Location:</b> 1
<b>Wastewater Description:</b> Latex paint equipment and brush rinsing wastewater	
<b>Monitoring Location Description:</b> NO MONITORING IS REQUIRED	
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility	
<p><b>Table Remarks:</b>            Only secondary rinses are allowed to discharge via the drains. Concentrated solutions and first rinses shall not be disposed of through sinks but hauled away by a waste hauler permitted under Section 22a-454(a) of the Connecticut General Statutes.</p>	



**Table G**

**Discharge Serial Number:** 207-1 **Monitoring Location:** 1

**Wastewater Description:** Treated boat wash wastewater

**Monitoring Location Description:** Effluent line immediately after filtration

**Discharge is to:** The City of New London Water Pollution Control Facility

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>2</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency <sup>2</sup>	Sample Type or measurement to be reported
Copper, Total	mg/l	NA	NA	NR	NA	3.0	semi-annual	grab
Flow, Maximum Daily <sup>1</sup>	gpd	NA	1,500	daily/semi-annual	daily flow	NA	NR	NA
Flow, Day of Sampling <sup>1</sup>	gpd	NA	1,500	daily/semi-annual	daily flow	NA	NR	NA
Lead, Total	mg/l	NA	NA	NR	NA	0.75	semi-annual	grab
Oil & Grease, Petroleum Total Recoverable	mg/l	NA	NA	NR	NA	100.0	semi-annual	grab
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.5	semi-annual	RDS
Zinc, Total	mg/l	NA	NA	NR	NA	3.0	semi-annual	grab

**Table Footnotes:**

<sup>1</sup> For this parameter the Permittee shall maintain at the facility a record of the total daily flow for each day of discharge and shall report the Maximum Daily Flow for each sampling month (April and October).

<sup>2</sup> The first entry in this column is the ‘Sample Frequency’. If this entry is not followed by a ‘Reporting Frequency’ and the ‘Sample Frequency’ is more frequent than monthly then the ‘Reporting Frequency’ is monthly. If the ‘Sample frequency’ is specified as monthly, or less frequent, then the ‘Reporting Frequency’ is the same as the ‘Sample Frequency’.

<b>Table H</b>	
<b>Discharge Serial Number:</b> 208-1	<b>Monitoring Location:</b> 1
<b>Wastewater Description:</b> Boiler room floor drains, steam generation condensate, draining of boiler systems in case of emergency, pump seal and flange gasket leakage, floor wash wastewater, hot water leaks	
<b>Monitoring Location Description:</b> NO MONITORING REQUIRED	
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility	
<b>Table Footnotes:</b> Floor drains located directly in front of boilers shall remain covered at all times and are to be removed only in an emergency.	

<b>Table I</b>	
<b>Discharge Serial Number:</b> 209-1	<b>Monitoring Location:</b> 1
<b>Wastewater Description:</b> Cadet Mobile Damage Control Simulator	
<b>Monitoring Location Description:</b> NO MONITORING REQUIRED	
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility	

**Table J**

<b>Discharge Serial Number:</b> 210-1						<b>Monitoring Location:</b> 1		
<b>Wastewater Description:</b> Tow Tank Draining Wastewaters (McAllister Hall)								
<b>Monitoring Location Description:</b> Tow Tank Effluent								
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>2</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency <sup>2</sup>	Sample Type or measurement to be reported
Flow, Day of Sampling <sup>1</sup>	gpd	NA	50,000	Per Batch	Daily Flow	NA	NR	NA
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 9.0	Per Batch	Grab
Total Residual Chlorine	mg/l	NA	NA	NR	NA	----	Per Batch	Grab
Total Suspended Solids	mg/l	NA	NA	NR	NA	----	Per Batch	Grab
Zinc-Total	mg/l	NA	NA	NR	NA	----	Per Batch	Grab
<b>Table Footnotes:</b>								
<sup>1</sup> For this parameter the permittee shall maintain at the facility a record of the total flow, total residual chlorine and pH for each day the Tow Tank Draining wastewaters are drained and shall report the total flow, pH, total residual chlorine and total zinc for the day of sample collection.								
<sup>2</sup> The first entry in this column is the ‘Sample Frequency’. If this entry is not followed by a ‘Reporting Frequency’ and the ‘Sample Frequency’ is more frequent than monthly then the ‘Reporting Frequency’ is monthly. If the ‘Sample frequency’ is specified as monthly, or less frequent, then the ‘Reporting Frequency’ is the same as the ‘Sample Frequency’.								
<sup>3</sup> The permittee shall obtain a representative sample of the wastewater for analysis of pH, zinc and total residual chlorine and total suspended solids immediately prior to draining Tow Tank Effluent.								

**Table K**

<b>Discharge Serial Number:</b> 211-1						<b>Monitoring Location:</b> 1		
<b>Wastewater Description:</b> Firing Range Dehumidifier Water								
<b>Monitoring Location Description:</b>								
<b>Discharge is to:</b> The City of New London Water Pollution Control Facility								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>1</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency <sup>1</sup>	Sample Type or measurement to be reported
Lead-Total	mg/l	NA	NA	NR	NA	0.75	Annual	Grab
<b>Table Footnotes:</b>								
<sup>1</sup> The first entry in this column is the 'Sample Frequency'. If this entry is not followed by a 'Reporting Frequency' and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.								

- B) All samples shall be comprised of only those wastewaters described in this schedule; therefore, samples shall be taken prior to combination with wastewaters of any other type and after all approved treatment units, if applicable. All samples taken shall be representative of the discharge during standard operating conditions.
- (C) In cases where limits and sample type are specified but sampling is not required, the limits specified shall apply to all samples which may be collected and analyzed by, the Department of Environmental Protection personnel, the Permittee, or other parties.
- (D) The limits imposed on the discharges listed in this permit take effect on the issuance date of this permit, hence any sample taken after this date which, upon analysis, shows an exceedance of permit limits will be considered non-compliance.

The monitoring requirements of this permit begin on the date of issuance of this permit if the issuance date is on or before the 12th day of a month. For permits issued on or after the 13th day of a month, monitoring requirements begin the 1st day of the following month.

**SECTION 5: SAMPLE COLLECTION, HANDLING AND ANALYTICAL TECHNIQUES AND REPORTING REQUIREMENTS**

- (A) Chemical analyses to determine compliance with effluent limits and conditions established in this permit shall employ methods approved by the Environmental Protection Agency pursuant to 40 CFR 136 unless an alternative method has been approved in writing in accordance with 40 CFR 136.4.
- (B) All metals analyses identified in this permit shall refer to analyses for Total Recoverable Metal as defined in 40 CFR 136 unless otherwise specified.
- (C) The results of chemical analysis required above shall be entered on the Discharge Monitoring Report (DMR), provided by this office, and reported to the Bureau of Materials Management and Compliance Assurance at the following address. The report shall also include a detailed explanation of any violations of the limitations specified. The DMR shall be received at this address by the last day of the month following the month in which samples are taken.

Bureau of Materials Management and Compliance Assurance  
 Water Permitting and Enforcement Division (Attn: DMR Processing)  
 Connecticut Department of Environmental Protection  
 79 Elm Street  
 Hartford, CT 06106-5127

- (D) If this permit requires monitoring of a discharge on a calendar basis (e.g. Monthly, quarterly, etc.) but a discharge has not occurred within the frequency of sampling specified in the permit, the Permittee must submit the DMR as scheduled, indicating "NO DISCHARGE". For those permittees whose required monitoring is discharge dependent (e.g. per batch), the minimum reporting frequency is monthly. Therefore, if there is no discharge during a calendar month for a batch discharge, a DMR must be submitted indicating such by the end of the following month.
- (E) Copies of all DMRs shall be submitted concurrently to the local Water Pollution Control Authority ("WPCA") involved in the treatment and collection of the permitted discharge.

**SECTION 6: RECORDING AND REPORTING OF VIOLATIONS, ADDITIONAL TESTING REQUIREMENTS**

- (A) If any sample analysis indicates that an effluent limitation specified in Section 4 of this permit has been exceeded, a second sample of the effluent shall be collected and analyzed for the parameter(s) in question and the results reported to the Bureau of Materials Management and Compliance Assurance (Attn: DMR Processing) within 30 days of the exceedance.
- (B) The Permittee shall immediately notify the Bureau of Materials Management and Compliance Assurance and the local WPCA of all discharges that could cause problems to the Publicly Owned Treatment Works ("POTW"), including but not limited to slug loadings of pollutants which may cause a violation of the POTW's NPDES permit, or which may inhibit or disrupt the POTW, its treatment processes or operations, or its sludge processes, use or disposal.

- (C) In addition to the notification requirements specified in Section 1B of this permit, if any sampling and analysis of the discharge performed by the Permittee indicates a violation of limits specified in Section 4 of this permit, the Permittee shall notify the Bureau of Materials Management and Compliance Assurance within 24 hours of becoming aware of the violation.

#### SECTION 7: COMPLIANCE CONDITIONS

The Commissioner may provide public notification, in a newspaper of general circulation in the area of the respective POTW, of permittees that at any time in the previous twelve months were in significant noncompliance with the provisions of this permit. For the purposes of this provision, a permittee is in significant noncompliance if its violation(s) meet(s) one or more of the following criteria:

- **Chronic violations:** Those in which sixty-six percent or more of all measurements taken during a six-month period exceed the Average Monthly or Maximum Daily Limit(s) for the same pollutant parameter.
- **Technical Review Criteria violations:** Those in which 33% or more of all of the measurements for each pollutant parameter taken during a six-month period equal or exceed the average or maximum daily limits multiplied by (1.4 for BOD, TSS, oil and grease) or (1.2 for all other pollutants except pH).
- **Compliance Schedule:** Failure to meet within 90 days after the schedule date, a compliance schedule milestone contained in or linked to a respective permit.
- **Noncompliance Reporting:** Failure to accurately report noncompliance in accordance with provisions identified in Section 6 of this permit.
- **Discretionary:** Any other violation of an effluent limit that the Department determines has caused, alone or in combination with other discharges, a violation of the POTW's NPDES permit, inhibition or disruption of the POTW, its treatment processes or operations, or its sludge processes, use or disposal.
- **Imminent Endangerment:** Any discharge of pollutant(s) that has caused imminent endangerment to human health, welfare or to the environment.

This permit is hereby issued on October 27, 2010

/s/AMEY W. MARRELLA  
Amey W. Marrella  
Commissioner

AM/OB

cc: The City of New London Water Pollution Control Facility

# DATA TRACKING AND TECHNICAL FACT SHEET

Permittee: United States Coast Guard Academy

## PERMIT, ADDRESS, AND FACILITY DATA

PERMIT #: SP0002235

APPLICATION #: 200700094

FACILITY ID. 095-026

<u>Mailing Address:</u> Street: <u>15 Mohegan Avenue</u> City: <u>New London</u> ST: <u>CT</u> Zip: <u>06320</u>	<u>Location Address:</u> Street: <u>same</u> City: _____ ST CT Zip: :
Contact Name: <u>Mark Buck</u> Phone No.: <u>(860) 701-6165</u>	<b>DMR Contact</b> Phone No.: _____

## PERMIT INFORMATION

**DURATION** 5 YEAR \_\_\_ 10 YEAR X 30 YEAR

**TYPE** New \_\_\_ Reissuance X Modification

**CATEGORIZATION** POINT ( ) NON-POINT ( ) GIS #

NPDES ( ) PRETREAT (X) GROUND WATER(UIC) ( ) GROUND WATER (OTHER) ( )

NPDES MAJOR(MA) \_\_\_  
NPDES SIGNIFICANT MINOR or PRETREAT SIU (SI)  
NPDES or PRETREATMENT MINOR (MI) X

PRETREAT SIGNIFICANT INDUS USER(SIU)  
PRETREAT CATEGORICAL (CIU)  
**Note: If it's a CIU then check off SIU**

POLLUTION PREVENTION MANDATE \_\_\_ ENVIRONMENTAL EQUITY ISSUE

## COMPLIANCE ISSUES

COMPLIANCE SCHEDULE YES NO X (If yes check off what it is in relation to.)

POLLUTION PREVENTION \_\_\_ TREATMENT REQUIREMENT \_\_\_ WATER CONSERVATION

WATER QUALITY REQUIREMENT \_\_\_ REMEDIATION \_\_\_ OTHER \_\_\_\_\_

IS THE PERMITTEE SUBJECT TO A PENDING ENFORCEMENT ACTION? NO X YES \_\_\_

## OWNERSHIP CODE

Private \_\_\_ Federal X State \_\_\_ Municipal (town only) \_\_\_ Other public

**PERMIT FEES**

Discharge Code	DSN	Annual Fee
501032X	201, 205	\$660.00
5060000	202, 203, 204, 208, 209, 210, 211	\$660.00
5150090	206, 207	\$660.00

**FOR SEWER DISCHARGES**

Discharge is to the City of New London Water Pollution Control Facility via its collection system. The facility ID. of the POTW is 095-001.

**NATURE OF BUSINESS GENERATING DISCHARGE**

Training school for cadets.

**PROCESS AND TREATMENT DESCRIPTION (by DSN)**

DSN 201-1 - Cement laboratory wastewaters are treated by solids settling, pH adjust. Wastewater is treated as necessary with sodium bisulfate to bring pH within limits. Solids are allowed to settle in tank prior to discharge.

DSN 202-1 - Tow tank filter backwash. Treatment not required.

DSN 203-1 - Recirculation tank backwash. Treatment not required.

DSN 204-1 - Recirculation tank draining is treated by chlorine tablets containing trichloro-s-triazinetrione on an as-needed basis to control algal growth.

DSN 205-1 - Chemistry laboratory wastewaters. Treatment not required.

DSN 206-1 - Latex paint equipment and brush rinsing wastewater. Treatment not required.

DSN 207-1 - Treated boat wash wastewater is treated with filtration.

DSN 208-1 - Boiler room floor drains, steam generation condensate, draining of boiler systems in case of emergency, pump seal and flange gasket leakage, floor wash wastewater, hot water leaks. The discharge ranges for 50 gpd to a maximum of 7,500 gpd. According to the contact, discharges to floor drains primarily result from steam generation condensate but have the potential to include wastewaters from the draining of boiler systems in the case of an emergency. All open floor drains have concrete collars or spill covers over them to prevent any unauthorized discharges or leaks from occurring. Daily blowdowns for the boilers are piped directly to sanitary sewer and are covered under the General Permit for the Discharge of Minor Boiler Blowdown Wastewater. Samples of each of the operating boilers are collected once per year and analyzed for copper and lead as required under that permit. Treatment not required.

DSN 209-1 - Cadet Mobile Damage Control Simulator. A training device used to simulate leaks from piping systems. Water is pumped into the tank from a nearby fire hydrant, passes through the steel tank and is discharged through the faulty pipes. Contact indicated that it's used two weeks out of the year, approximately 800-1,000 gpd, usually the first or second week of April. Some years will go by where it's not used at all. Treatment not required.

DSN 210-1 - Tow Tank Draining Wastewaters. Treatment not required.

DSN 211-1 - Firing Range Dehumidifier Water. Water in dehumidifiers is currently placed in drums and shipped off site for disposal. The Academy plans to redirect the discharge to sanitary floor drains located adjacent to the ranges once the discharge is properly authorized and permitted. Sample results of lead were reported to be at <0.5 mg/l at < 50 gpd flow. Treatment not required.



**RESOURCES USED TO DRAFT PERMIT**

- Federal Effluent Limitation Guideline 40 CFR  
name of category
- Performance Standards
- Federal Development Document  
name of category
- Treatability Manual
- Department File Information
- Connecticut Water Quality Standards
- Anti-degradation Policy
- Coastal Management Consistency Review Form  
The review form is not required to be submitted. No new construction associated with this application.

**BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS**

- Best Professional Judgment
  - DSN 201-1: pH, Total Suspended Solids
  - DSN 202-1: pH, Total Residual Chlorine, Total Suspended Solids, Zinc, Total
  - DSN 203-1: pH, Total Residual Chlorine, Total Suspended Solids, Zinc, Total
  - DSN 204-1: pH, Total Residual Chlorine, Total Suspended Solids, Zinc
  - DSN 205-1: No Monitoring
  - DSN 206-1: No Monitoring
  - DSN 207-1: pH, Copper-Total, Lead-Total, Oil & Grease, Petroleum Total Recoverable, Zinc-Total
  - DSN 208-1: No Monitoring
  - DSN 209-1: No Monitoring
  - DSN 210-1: pH, Total Residual Chlorine, Total Suspended Solids, Zinc-Total
  - DSN 211-1: Lead-Total