



MINOR NPDES PERMIT MODIFICATION

issued to

Permittee:

Convent of Sacred Heart (School) Greenwich, Inc
1177 King Street
Greenwich, CT 06831

Location Address:

Convent of Sacred Heart
1177 King Street
Greenwich, CT 06831

Facility ID: 057-187

Permit ID: CT0101818

Permit Expires: October 8, 2017

Receiving Stream: Byram River Watershed

Design Flow rate: 14,000 GPD

This minor permit modification is issued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes (CGS), section 22a-430-4(p)(5) of the Regulations of Connecticut State Agencies (RCSA) adopted thereunder, as amended, and Section 402(b) of the Clean Water Act, as amended 33 USC 1251, *et. Sec.*, and pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer a N.P.D.E.S. permit program.

The Permittee, shall comply with all conditions of Permit No. CT0101818 issued on October 9, 2012 with the following modifications:

Modification # 1

Section 4(F) included in page 5 of the above-mentioned permit is modified to read as follows: "The average monthly effluent concentration shall not exceed 10% of the average monthly influent concentration for BOD₅ and Total Suspended Solids for all daily composite samples taken in any calendar month."

Modification # 2

The Maximum Daily flow limit of 14,000 GPD is deleted from Table A included in attachment 1 of the above-mentioned permit. See revised Table A attached.

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 which may be authorized under the 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 Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

All other terms and conditions of Permit No. CT0101818 issued on October 9, 2012 shall remain in full force and effect.

This minor modification is hereby issued on the:

June 17, 2013

Sincerely,



Betsey Wingfield
Bureau Chief
Bureau of Water Protection and Land Reuse

BW/ce

Tony Costa, Convent of Sacred Heart (School) Greenwich, Inc. Business Manager
Mark Lancor, P.E. DYMAR

TABLE A

Discharge Serial Number (DSN): 001-1		Monitoring Location: 1							
Wastewater Description: Sanitary Sewage									
Monitoring Location Description: Final Effluent									
Allocated Zone of Influence (ZOI): The discharge pipe of this facility enters the inlet of the beginning of a pond system on the Fairview Country Club (FCC). The FCC utilizes the series of ponds on the property for irrigation of the golf course.									
PARAMETER	Units	FLOW/TIME BASED MONITORING			INSTANTANEOUS MONITORING			REPORT FORM	Minimum Level Analysis See Section 6
		Average Monthly Limit	Maximum Daily Limit	Sample Freq.	Sample type	Instantaneous Limit or Required Range ³	Sample Freq.		
Alkalinity	mg/l	NA	NA	NR	NA	-----	Monthly	Grab	MOR
Biochemical Oxygen Demand (5 day), See remark D below	mg/l	10	20	Monthly	Daily Composite	NA	NR	NA	DMR/MOR
Escherichia coli (May 1 st through September 30 th) remark B	Colonies per 100 ml	NA	NA	NR	NA	see remark B and C below	Monthly	Grab	DMR/MOR
Flow	GPD	-----	-----	Continuous ¹	Daily flow	NA	NR	NA	DMR/MOR
Nitrogen, Ammonia (total as N) (May 1 st through September 30 th)	mg/l	2.0	-----	Monthly	Daily Composite	NA	NR	NA	DMR/MOR
Nitrogen, Nitrate (total as N)	mg/l	NA	-----	Monthly	Daily Composite	NA	NR	NA	MOR
Nitrogen, Nitrite (total as N)	mg/l	NA	-----	Monthly	Daily Composite	NA	NR	NA	MOR
Nitrogen, Total Kjeldahl	mg/l	NA	-----	Monthly	Daily Composite	NA	NR	NA	MOR
Nitrogen, Total	mg/l	NA	-----	Monthly	Daily Composite	NA	NR	NA	DMR/MOR
Oxygen, Dissolved	mg/l	NA	NA	NR	NA	-----	Work Day	Grab	DMR/MOR
pH	S.U.	NA	NA	NR	NA	6 - 9	Weekly	Grab	DMR/MOR
Phosphorus, Total (May 1 st through September 30 th)	mg/l	1.0	-----	Monthly	Daily Composite	NA	NR	NA	DMR
Phosphorus, Total (October 1 st through April 30 th)	mg/l	NA	-----	Monthly	Daily Composite	NA	NR	NA	MOR
Solids, Settleable	ml/l	NA	NA	NR	NA	-----	Work Day	Grab	MOR

Solids, Total Suspended, See remark C below	mg/l	10	20	Monthly	Daily Composite	NA	NR	NR	DMR/MOR
Temperature	°F	NA	NA	NR	NA	-----	Work Day	Grab	MOR
Turbidity	NTU	NA	NA	NR	NA	-----	Work Day	Grab	MOR
UV Intensity (May 1 st through September 30 th), See ³ & 4 & remark A	mW/cm ³	NA	NA	NR	NA	≥6.10	Work Day	Grab	MOR

TABLE A - CONDITIONS

Footnotes:

- ¹ The permittee shall record and report on the monthly operating report the minimum, maximum and total flow for each day of discharge and the average daily flow for each sampling month. The permittee shall report, on the discharge monitoring report, the average daily flow and maximum daily flow for each sampling month.
- ² The instantaneous limits in this column are maximum limits except UV Dose Intensity which is a minimum limit.
- ³ If the UV system is incapable of operation during the designated months of disinfection, then chlorine shall be utilized for disinfection. The chlorine shall be administered in accordance with the approved operation and maintenance manual guidelines. The corresponding Chlorine Residual shall meet an instantaneous grab sample limit of 0.2-1.5 mg/l and monitored 2/workday when in use.

Remarks:

- (A) Ultraviolet disinfection shall be utilized from May 1st through September 30th
- (B) The geometric mean of the Escherichia coli bacteria values for the effluent samples collected during the period from May 1st through September 30th shall not exceed 126 per 100 milliliters.
- (C) The Escherichia coli bacteria values for any single effluent sample collected during the period from May 1st through September 30th shall not exceed 410 per 100 milliliters.
- (D) The Average Weekly discharge Limitation for BOD5 and Total Suspended Solids shall be 1.5 times the Average Monthly Limit listed above