

AUTHORIZATION TO DISCHARGE UNDER THE
RHODE ISLAND POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of Chapter 46-12 of the Rhode Island General Laws, as amended,

Greenwich Club, Inc.
P.O. Box 411
East Greenwich, RI 02818

is authorized to discharge from a facility located at

Greenwich Club, Inc.
5426 Post Road
East Greenwich, RI 02818

to ultimate receiving waters named

Nelson Brook

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.


This permit shall become effective on July 1, 2012.

This permit and the authorization to discharge expire at midnight, five (5) years from the effective date.

This permit supercedes the permit issued on December 12, 2006.

This permit consists of 4 pages in Part I including effluent limitations, monitoring requirements, etc. and 10 pages in Part II, General Conditions.

Signed this 21st day of March, 2012.


Angelo S. Liberti, P.E., Chief of Surface Water Protection
Office of Water Resources
Rhode Island Department of Environmental Management
Providence, Rhode Island

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date and lasting through expiration, the permittee is authorized to discharge from outfall serial number 001A (Dechlorinated Main and Youth swimming pool discharges and filter backwash discharges prior to entering the DOT stormdrain). Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>					<u>Monitoring Requirement</u>	
	<u>Quantity</u>		<u>Concentration</u>			<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Average Monthly</u>	<u>Maximum Daily</u>	<u>Average Monthly</u>	<u>Average Weekly</u>	<u>Maximum Daily</u>		
Flow		415.5 gpm				1/Discharge ³	estimate
Chlorine Residual ¹					11 µg/l ²	1/Discharge ³	grab
Enterococci					54 colonies/100 ml	1/Discharge ³	grab

1. Total Residual Chlorine (TRC) shall be tested using Low Level Amperometric Titration or the DPD Spectrophotometric method. The EPA approved methods are found in Standard Methods for the Examination of Water and Wastewater, 18th Edition, Method 4500-Cl E and Method 4500-Cl G or U.S.E.P.A. Manual of Methods of Analysis of Water and Wastes, Method 330.5.
2. The limit at which compliance/ non-compliance determinations shall be based is the Minimum Level (ML). For this permit, the ML for residual chlorine is defined as 20 µg/l. This value may be reduced by permit modification as more sensitive test methods are approved by the EPA and the State.
3. Samples shall be taken within the first thirty (30) minutes of any discharges of either dechlorinated main pool water, dechlorinated youth pool water, or dechlorinated pool backwash water.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: outfall 001A. (Dechlorinated Main and Youth swimming pool discharges and filter backwash discharges prior to entering the DOT stormdrain).

2.
 - a. The discharge shall not cause visible discoloration of the receiving waters.
 - b. The effluent shall contain neither a visible oil sheen, foam, nor floating solids at any time. Immediately prior to commencement of the discharge, the permittee shall skim the pool(s).
 - c. The permittee shall follow all terms and conditions of the dechlorination and discharge plan as received and approved by this Office on May 18, 2000. The plan shall not be modified without written approval of the Office of Water Resources. Should the permittee demonstrate to this Office that concentration limits for chlorine residual can be met at the point of discharge without prior dechlorination of the effluent, TRC monitoring requirements may be eliminated. TRC monitoring shall continue until a request to eliminate monitoring is approved in writing by DEM.
 - d. This permit authorizes discharge from the 220,000 gallon main pool and the 12,500 gallon toddler pool, during dry weather only. This permit also authorizes discharge of filter backwash as described in the plan received on May 18, 2000. This permit does not authorize any other discharges, including but not limited to pool cleaning water.
3. All existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:
 - a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (1) One hundred micrograms per liter (100 ug/l);
 - (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitro-phenol; and one milligram per liter (1 mg/l) for antimony;
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 C.F.R. s122.21(g) (7); or
 - (4) Any other notification level established by the Director in accordance with 40 C.F.R. s122.44(f) and Rhode Island Regulations.
 - b. That any activity has occurred or will occur which would result in the discharge, on a non-routine or infrequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (1) Five hundred micrograms per liter (500 ug/l);
 - (2) One milligram per liter (1 mg/l) for antimony;

- (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 C.F.R. s122.21(g)(7); or
 - (4) Any other notification level established by the Director in accordance with 40 C.F.R. s122.44(f) and Rhode Island Regulations.
- c. That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product any toxic pollutant which was not reported in the permit application.
- 4. This permit serves as the State's Water Quality Certificate for the discharges described herein.

B. MONITORING AND REPORTING

1. Monitoring

All monitoring required by this permit shall be done in accordance with sampling and analytical testing procedures specified in Federal Regulations (40 CFR Part 136).

2. Reporting

Monitoring results obtained during the previous calendar year shall be summarized and reported on Discharge Monitoring Report Form(s) postmarked no later than the 15th day of January following the completed reporting period.

Signed copies of these, and all other reports required herein, shall be submitted to:

RIPDES Program
Office of Water Resources
Rhode Island Department of Environmental Management
235 Promenade Street
Providence, Rhode Island 02908-5767.

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
235 PROMENADE STREET
PROVIDENCE, RHODE ISLAND 02908

STATEMENT OF BASIS

RHODE ISLAND POLLUTANT DISCHARGE ELIMINATION SYSTEM (RIPDES) PERMIT TO
DISCHARGE TO WATERS OF THE STATE

RIPDES PERMIT NO. **RI0023434**

NAME AND ADDRESS OF APPLICANT:

Greenwich Club, Inc.
P.O. Box 411
East Greenwich, RI 02818

NAME AND ADDRESS OF FACILITY WHERE DISCHARGE OCCURS:

Greenwich Club, Inc.
5426 Post Road
East Greenwich, RI 02818

RECEIVING WATER:

Nelson Brook

CLASSIFICATION: B

I. Proposed Action, Type of Facility, and Discharge Location

The above-named applicant has reapplied to the Rhode Island Department of Environmental Management for a RIPDES Permit to discharge pool effluent into a Rhode Island Department of Transportation (RIDOT) storm drain system that discharges into the designated receiving water. The discharge will occur during summer months only, and is prohibited during storm events.

II. Permit Limitations and Conditions

The effluent limitations of the permit, the monitoring requirements, and any implementation schedule (if required) may be found in the draft permit.

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III. Permit Basis and Explanation of Effluent Limitation Derivation

The Greenwich Club is a social and recreational facility. The discharge consists of chlorinated water from a 220,000 gallon pool and a 12,500 gallon pool. The main pool (220,000 gallons) will be emptied once per season (Memorial Day through Labor Day), and the youth pool (12,500 gallons) will be emptied as necessary depending on weather and pool use. Discharge of filter backwash may occur six to seven times per season, as required. Pool effluent and filter backwash will be directed to a RIDOT catchbasin, and will pass through a 70,000 gallon wet retention basin before reaching Nelson Brook. RIDOT has authorized connection to the storm drainage system provided water is drained during off-peak times (in non-storm events).

The flow limit is based on data supplied by the facility. The limit for Enterococci is as specified for Class B waters in the RI Water Quality Regulations for Water Pollution Control. The Enterococci limit was set equal to the Water Quality Criteria for non-designated bathing beach waters. The limit for chlorine residual is derived from the Water Quality Regulations with no dilution. Because chlorine is a non-conservative pollutant, the permit limit calculation assumes zero background concentration instream; and 100% of the assimilative capacity of the receiving water for chlorine was allocated to the discharge.

Based on the nature of the discharge and of the receiving water, the Department has determined that there is no reasonable potential for the discharge to cause or contribute to the additional degradation of the quality of the receiving waters or waters downstream.

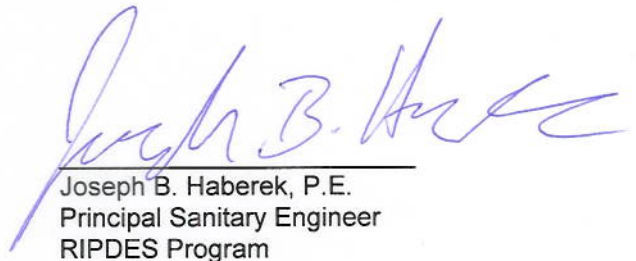
IV. DEM Contact

Additional information concerning the permit may be obtained between the hours of 8:30 a.m. and 4:00 p.m., Monday through Friday, excluding holidays, from:

Samuel Kaplan, P.E.
Office of Water Resources, RIPDES Program
Department of Environmental Management
235 Promenade Street
Providence, Rhode Island 02908
Telephone: (401) 222-4700 x 7046
email: samuel.kaplan@dem.ri.gov

3/21/12

Date



Joseph B. Haberek, P.E.
Principal Sanitary Engineer
RIPDES Program



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

March 21, 2012

CERTIFIED MAIL

Mr. Paul Donnelly
Manager
Greenwich Club, Inc.
P.O. Box 411
East Greenwich, RI 02818

**RE: Final RIPDES Permit for Greenwich Club, Inc.
RIPDES Application No. RI0023434**

Dear Mr. Donnelly,

Enclosed is your final Rhode Island Pollutant Discharge Elimination System (RIPDES) Permit issued pursuant to the referenced application. State regulations, promulgated under Chapter 46-12 of the Rhode Island General Laws of 1956, as amended, require this permit to become effective on the date specified in the permit.

Also enclosed is information relative to hearing requests and stays of RIPDES Permits.

We appreciate your cooperation throughout the development of this permit. Should you have any questions concerning this permit, feel free to contact Samuel Kaplan of the State Permits Staff at (401) 222-4700, extension 7046.

Sincerely,

Joseph B. Haberek, P.E.
Principal Sanitary Engineer

JBH:sk

Enclosures

cc: David Turin, EPA
Eric Beck, DEM
Traci Pena, DEM
Annie McFarland, DEM

Office of Water Resources/Telephone: 401.222.4700/Fax: 401.222.6177

Greenwich Club final letter 032112

Mr. Paul Donnelly
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RESPONSE TO COMMENTS

NO SIGNIFICANT COMMENTS WERE RECEIVED ON THE DRAFT PERMIT FOR THIS FACILITY; THEREFORE, NO RESPONSE WAS PREPARED.

HEARING REQUESTS

If you wish to contest any of the provisions of this permit, you may request a formal hearing within thirty (30) days of receipt of this letter. The request should be submitted to the Administrative Adjudication Division at the following address:

Bonnie Stewart, Clerk
Department of Environmental Management
Office of Administrative Adjudication
One Capitol Hill
Second Floor
Providence, RI 02903

Any request for a formal hearing must conform to the requirements of Rule 49 of the State Regulations.

STAYS OF RIPDES PERMITS

Should the Department receive and grant a request for a formal hearing, the contested conditions of the permit will not automatically be stayed. However, the permittee, in accordance with Rule 50, may request a temporary stay for the duration of adjudicatory hearing proceedings. Requests for stays of permit conditions should be submitted to the Office of Water Resources at the following address:

Angelo S. Liberti, P.E.
Chief of Surface Water Protection
Office of Water Resources
235 Promenade Street
Providence, Rhode Island 02908

All uncontested conditions of the permit will be effective and enforceable in accordance with the provisions of Rule 49.