DATA TRACKING AND TECHNICAL FACT SHEET

PERMITTEE: Round Hill Club, Inc

PERMIT, ADDRESS, AND FACILITY DATA

PERMIT #: <u>CT0100986</u> **APPLICATION** #: 201702954 **FACILITY ID.** <u>057-006</u>

Mailing Address:	Location Address:
Street: 33 Round Hill Club Road	Street: 33 Round Hill Club Road
City: Greenwich ST: CT Zip: 06831	City: Greenwich ST: CT Zip: 06831
Contact Name: Ian Critchley	Contact Name: Ian Critchley
Phone No.: (203)869-2350	Phone No.: (203)869-2350
	DMR Contact Ian Critchley ian@rhclub.org
	email address:
PERMIT INFORMATION DURATION 5 YEAR X 10 YEAR	30 YEAR
TYPE New _ Reissuance X Mod	lification
CATEGORIZATION POINT (X) NON-POINT	() GIS #
NPDES (X) PRETREAT () GROUND WA	ATER(UIC) () GROUND WATER (OTHER) ()
NPDES MAJOR(MA) NPDES SIGNIFICANT MINOR <u>or</u> PRETREA NPDES <u>or</u> PRETREATMENT MINOR (MI)	
COMPLIANCE SCHEDULE YES NO POLLUTION PREVENTION TREATMENT RECURRENE OTHER	QUIREMENT
OWNERSHIP CODE Private X Federal State Municipal (town of	only) Other public
DEEP STAFF ENGINEER Iliana Raffa DAT	ΓΕ DRAFTED: October 2020
PERMIT FEES	
Discharge Code DSN Number Annual Fee	
111000b 001 \$3,445.00	
APPLICATION FEE PAID [X] YES	
PROCESSING FEE PAID [X] YES □ NO	
ANNUAL FEE PAID [X] YES	
PUBLIC NOTICE	
Date of Public Notice:	
Date Permit Cleared Public Notice: Date Public Notice Fees Paid:	
Date Fublic Notice Fees Faid:	

FOR NPDES DISCHARGES Drainage Basin Code: 74 Water Quality Classification Goal: Class A Segment:NA River (The treated domestic wastewater is discharged into an irrigation pond in the Byram River Watershed)	
NATURE OF BUSINESS GENERATING DISCHARGE Private domestic sanitary sewage treatment with seasonal disinfection.	
PROCESS AND TREATMENT DESCRIPTION (by DSN) Advanced biological treatment with seasonal chlorine disinfection	
RESOURCES USED TO DRAFT PERMIT X_Federal Effluent Limitation Guideline 40CFR 133 Secondary Treatment Category	
Performance Standards	
Federal Development Document	
name of category X Department File Information	
X Connecticut Water Quality Standards	
X Anti-degradation Policy	
Coastal Management Consistency Review Form	
Other - Explain	
BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS X Secondary Treatment (Section 22a-430-4(r) of the Regulations of Connecticut State Agencies)	
Case-by-Case Determination (See Other Comments)	
In order to meet in-stream water quality (See General Comments)	
Anti-degradation policy	
GENERAL COMMENTS The Round Hill Club, Inc located at 33 Round Hill Club Road, Greenwich, CT, 06831. The facility is designed to treat and discharge up to 0.02 million (20,000) gallons a day of effluent into an irrigation pond in the Byram River watershed. The facility currently uses secondary treatment with chlorine disinfection to treat effluent before being discharged. Pursuant to Conn. Gen. Stat. § 22a-430, the Department of Energy and Environmental Protection has issued Permit No. CT0100986 for the discharge from this facility. The Round Hill Club, Inc has submitted an application to renew its permit. The Department has made a tentative determination to approve The Round Hill Club's application and has prepared a draft permit consistent with that determination.	
SUMMARY OF COMMENTS RECEIVED DURING THE PUBLIC NOTICE PERIOD AND THE DEPARTMENT'S RESPONSES	
☐ The Department has received no written comments on the proposed action. (REVIEW BY MANAGEMENT ONLY)	
☐ Staff has reviewed the written comments and responded to the comments, no significant permit changes have been made. (REVIEW BY SUPERVISOR AND MANAGEMENT ONLY)	
☐ The Department has received and Staff has reviewed written comments on the proposed action and made significant changes as follows: (ADD COMMENTS, RESPONSES AND PERMIT CHANGES) (REVIEW BY	

PERMIT STAFF, SUPERVISOR AND MANAGEMENT)

SPECIFIC REQUIREMENTS OR REVISIONS

The Department reviewed the application for consistency with Connecticut's Water Quality Standards and determined that with the limits in the draft permit, including those discussed below, that the draft permit is consistent with maintenance and protection of water quality in accordance with the Tier I Anti-degradation Evaluation and Implementation Review provisions of such Standards.

The need for inclusion of water quality based discharge limitations in this permit was evaluated consistent with Connecticut Water Quality Standards and criteria, pursuant to 40 CFR 122.44(d). Discharge monitoring data was evaluated for consistency with the available aquatic life criteria (acute and chronic) and human health (fish consumption only) criteria, considering the zone of influence allocated to the facility where appropriate. In addition to this review, the statistical procedures outlined in the EPA <u>Technical Support Document for Water Quality-based Toxics Control</u> (EPA/505/2-90-001) were employed to calculate the need for such limits. Comparison of the attached monitoring data and its inherent variability with the calculated water quality based limits indicates a low statistical probability of exceeding such limits. Therefore, no water quality based limits were included in the permit at this time.

WATER QUALITY LIMIT CALCULATIONS

The facility did not perform acute aquatic toxicity testing under the previous permit because this discharge does not routinely occur. A footnote has been added at the bottom of Table C stating: "Sampling in accordance with this Table shall only be performed IF there is a discharge from the irrigation ponds into the nearby receiving stream tributary within the Byram river watershed."

