

# DATA TRACKING AND TECHNICAL FACT SHEET

Permittee: Greenwich American, Inc

## PERMIT, ADDRESS, AND FACILITY DATA

PERMIT #: CT0030295 APPLICATION #: 200501538 FACILITY ID. 057-020

<u>Mailing Address:</u> Street: One American Lane City: Greenwich ST: CT Zip: 06831 Contact Name: Peter Schmitt Phone No.: (203)861-4407	<u>Location Address:</u> Street: One American Lane City: Greenwich ST: CT Zip: 06831 Contact Name: Peter Schmitt Phone No.: (203)861-4407 DMR Contact email address:
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## PERMIT INFORMATION

DURATION 5 YEAR  10 YEAR  30 YEAR

TYPE New  Reissuance  Modification

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

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

NPDES MAJOR(MA)

NPDES SIGNIFICANT MINOR or PRETREAT SIU (SI)

NPDES or PRETREATMENT MINOR (MI)

COMPLIANCE SCHEDULE YES  NO

POLLUTION PREVENTION  TREATMENT REQUIREMENT

WATER QUALITY REQUIREMENT  OTHER  - **Electronic reporting compliance**

## OWNERSHIP CODE

Private  Federal  State  Municipal (town only)  Other public

DEP STAFF ENGINEER Iliana Raffa, EA3 Date: 7/1/16

## PERMIT FEES

Discharge Code	DSN Number	Annual Fee
111000b	001	\$3,445

## **FOR NPDES DISCHARGES**

Drainage Basin Code: 7411-00

Water Quality Classification Goal:B

Segment: Byram River

## **NATURE OF BUSINESS GENERATING DISCHARGE**

Sanitary Sewage

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

Secondary biological treatment with seasonal chlorine disinfection

## **RESOURCES USED TO DRAFT PERMIT**

Federal Effluent Limitation Guideline 40CFR 133  Secondary Treatment Category

- Performance Standards
- Federal Development Document  
name of category
- Department File Information
- Connecticut Water Quality Standards
- Anti-degradation Policy
- Coastal Management Consistency Review Form
- Other - Explain

**BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS**

- 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**

*Greenwich American Inc. operates a water pollution control facility ("the facility") located at One American Lane, Greenwich, CT 06830. The facility is designed to treat and discharge up to 0.07 million gallons a day of effluent into the Byram River. The facility currently uses secondary treatment and chlorine disinfection to treat effluent before being discharged. Pursuant to Conn. Gen. Stat. § 22a-430, the Department of Energy and Environmental Protection has issued Greenwich American Inc. a permit for the discharge from this facility. Greenwich American Inc. has submitted an application to renew its permit. The Department has made a tentative determination to approve Greenwich American Inc.'s application and has prepared a draft permit consistent with that determination.*

*The most significant changes from the current permit are the inclusion of Escherichia Coli, bacteria monitoring requirements, aluminum monitoring to be consistent with the most recent CT Water Quality Standards and iron monitoring to be consistent with EPA's National Recommended Water Quality Criteria.*

**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 Technical Support Document for Water Quality-based Toxics Control (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.*

**WATER QUALITY LIMIT CALCULATIONS**

*See attached*