

DATA TRACKING AND TECHNICAL FACT SHEET

Permittee: Town of North Haven

PERMIT, ADDRESS, AND FACILITY DATA

PERMIT #: CT0100404 APPLICATION #: 201101726 FACILITY ID.: 101-001

Mailing Address: Street: Memorial Town Hall 18 Church Street City: North Haven ST: CT Zip: 06473 <hr/> Contact Name: Lynn Sadosky Phone No.: (203) 239-5321 ext. 750	Location Address: Street: 1122 Universal Drive City: North Haven ST: CT Zip: 06473 <hr/> Contact Name: Mark Barrows Phone No.: (203) 234-2190 DMR Contact email address: mark.barrows@veolia.com
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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

OWNERSHIP CODE

Private Federal State Municipal (town only) Other public

DEP STAFF ENGINEER Ivonne Hall **DATE DRAFTED:** 12/16/14, 2/22/16

PERMIT FEES

Discharge Code	DSN Number	Annual Fee
111000d	001-1	\$2367.50

FOR NPDES DISCHARGES

Drainage Basin Code: 5200 Water Quality Classification Goal: SB
 Segment: CT5200-00_01, Quinnipiac River (North Haven/Wallingford)-01

NATURE OF BUSINESS GENERATING DISCHARGE

Municipal Sanitary Sewage Treatment

PROCESS AND TREATMENT DESCRIPTION (by DSN)

Secondary biological treatment with nitrogen removal and seasonal UV 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

The Town of North Haven (“Permittee”) operates a municipal water pollution control facility (“the facility”) located at 1122 Universal Drive, North Haven. The facility is designed to treat and discharge up to 4.5 million gallons a day of effluent into the Quinnipiac River. The facility currently uses advanced secondary treatment with denitrification and UV disinfection to treat effluent before being discharged. Pursuant to Conn. Gen. Stat. § 22a-430, the Department of Energy and Environmental Protection has issued the Permittee a permit for the discharge from this facility. The Permittee has submitted an application to renew its permit. The Department has made a tentative determination to approve the Permittee’s application and has prepared a draft permit consistent with that determination.

The most significant changes from the current permit are the inclusion of revised bacteria monitoring requirements (e.g. enterococci), 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 indicate 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

See attached

Comparison of the attached monitoring data and its inherent variability with the calculated water quality based limits indicate a low statistical probability of exceeding the copper limits. Therefore, the daily maximum and monthly average mass limits for copper were removed in this permit and replaced with monthly monitoring.

DRAFT