

DATA TRACKING AND TECHNICAL FACT SHEET

PERMIT #: UI0000290 **APPLICATION #:** 201815301

DISCHARGER NAME AND ADDRESS DATA

Permittee: T Westbrook Center, LLC, c/o Levin Management Corporation

Mailing Address:

Location Address:

Street: P.O. Box 326

Street: 314 Flat Rock Place, Suite F 165

City: Plainfield ST: NJ Zip: 07061

City: Westbrook St. CT Zip: 06498

Contact Name: Robert Carson

Contact Name: Melissa Cook

PERMIT DURATION

5 YEAR () 10 YEAR (X) 30 YEAR ()

DISCHARGE CATEGORIZATION

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

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

MAJOR() SIGNIFICANT MINOR() MINOR(X)

COMPLIANCE SCHEDULE YES X NO

POLLUTION PREVENTION() TREATMENT REQUIREMENT() WATER CONSERVATION()

PERMIT STEPS () WATER QUALITY REQUIREMENT() REMEDIATION() AUDIT LANGUAGE(X)

OTHER(X)

OWNERSHIP CODE

Private(X) Federal() State() Municipal(town only)() Other public()

UIC PERMIT INFORMATION

Total Wells 1

Well Type 5W12

PERMIT FEES

DISCHARGE CODE 312000a REPRESENTING DSN 301-2 ANNUAL FEE \$ 1,110

DEEP STAFF ENGINEER/ANALYST

Antoanela Daha

PERMIT TYPE

New() Reissuance() Modification() Subsection-e()

NATURE OF BUSINESS GENERATING DISCHARGE

T Westbrook Center, LLC presently treats 19,600 gallons per day and discharges 6,350 gallons per day of domestic sewage wastewaters to the groundwaters in the watershed of the South Central Shoreline from the operations at a retail outlet center and a movie theatre.

PROCESS AND TREATMENT DESCRIPTION (by DSN) AT(X) RECYCLE (X)

DSN 301-2 represents the domestic sewage discharge from the operations at a retail outlet center and a movie theatre to an existing treatment and disposal system comprised of a trash trap, an equalization tank, an anoxic tank, two aerobic mix tanks, ZENON membrane filtration, UV disinfection, storage tanks, final effluent tank and a pump chamber followed by a pressure dosed leaching bed.

RESOURCES USED TO DRAFT PERMIT

- Federal Effluent Limitation Guideline 40CFR
name of category
- Performance Standards
- Federal Development Document
name of category
- Treatability Manual
- Department File Information
- Connecticut Water Quality Standards
- Anti-degradation Policy
- Coastal Management Consistency Review Form
- Other - Explain

BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS

x Case by Case Determination (See Other Comments)

OTHER COMMENTS

The subsurface sewage treatment and disposal system treats the discharge from the retail outlets and a movie theatre through a ZENON membrane filtration system followed by UV Disinfection. The treatment plant is designed to treat 19,600 gallons per day of domestic sewage and most of the treated wastewater is reused as flush water at the retail stores and movie theatre and the excess is discharged to a pressure dosed leaching bed designed to disperse a maximum of 6,350 gallons per day.

For aesthetic reasons, the initial design of the treatment plant included carbon filtration of the final effluent to remove the faint yellow tinge of the treated wastewater. These filters become unnecessary when, in order to avoid cross contamination, a decision was made to color the wastewater reused as flush water blue. Therefore, the request for the carbon filtration removal is acceptable.

Zone of influence created by the discharge has been previously recorded on the land records in the Town of Westbrook.

PROJECT HISTORY

Application received December 3, 2018.

Tentative Determination signed *****, published *****.

Final Determination signed *****.

Approval(s) to construct issued on *****.