



STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



UIC PERMIT

issued to

The Kent Water Pollution Control Authority

Kent Water Pollution Control Authority  
P.O.Box 678  
Kent, Ct. 06757

Location Address:

Schaghticoke Road  
Kent, Ct. 06757

Facility ID: 068-001

Permit ID: UI0000311

Permit Expires: July 12, 2009

Watershed: Housatonic River

Design Flow Rate: 142,000 gallons per day

SECTION 1: GENERAL PROVISIONS

- (A) This permit is issued in accordance with Section 1421 of the Federal Safe Drinking Water Act 42 USC et. seq. and section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), and Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended.
- (B) Town of Kent Water Pollution Control Authority, ("Permittee"), shall comply with all conditions of this permit including the following sections of the RCSA which have been adopted pursuant to Section 22a-430 of the CGS and are hereby incorporated into this permit. Your attention is especially drawn to the notification requirements of subsection (i)(2), (i)(3), (i)(1), (i)(6), (i)(8), (i)(9)(C), (i)(11)(C), (D), (E), and (F), (k)(3) and (4) and (l)(2) of section 22a-430-3.

Section 22a-430-3 General Conditions

- (a) Definitions
- (b) General
- (c) Inspection and Entry
- (d) Effect of a Permit
- (e) Duty
- (f) Proper Operation and Maintenance
- (g) Sludge Disposal
- (h) Duty to Mitigate
- (i) Facility Modifications; Notification
- (j) Monitoring, Records and Reporting Requirements
- (k) Bypass
- (l) Conditions Applicable to POTWs
- (m) Effluent Limitation Violations (Upsets)
- (n) Enforcement
- (o) Resource Conservation
- (p) Spill Prevention and Control
- (q) Instrumentation, Alarms, Flow Recorders
- (r) Equalization



RAMS



PET



CPOCS



PERMIT

Permit # UI 0000311....Page1

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<http://dep.state.ct.us>

An Equal Opportunity Employer

22a-430-4 Procedures and Criteria

- (a) Duty to Apply
  - (b) Duty to Reapply
  - (c) Application Requirements
  - (d) Preliminary Review
  - (e) Tentative Determination
  - (f) Draft Permits, Fact Sheets
  - (g) Public Notice, Notice of Hearing
  - (h) Public Comments
  - (i) Final Determination
  - (j) Public Hearings
  - (k) Submission of Plans and Specifications. Approval.
  - (l) Establishing Effluent Limitations and Conditions
  - (m) Case by Case Determinations
  - (n) Permit issuance or renewal
  - (o) Permit Transfer
  - (p) Permit revocation, denial or modification
  - (q) Variances
  - (r) Secondary Treatment Requirements
  - (s) Treatment Requirements for Metals and Cyanide
  - (t) Discharges to POTWs - Prohibitions
- (C) Violations of any of the terms, conditions, or limitations contained in this permit may subject the permittee to enforcement action, including but not limited to, seeking penalties, injunctions and/or forfeitures pursuant to applicable sections of the CGS and RCSA.
- (D) Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under section 22a-438 or 22a-131a of the CGS or in accordance with section 22a-6, under section 53a-157 of the CGS.
- (E) No provision of this permit and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that the actions taken by the permittee pursuant to this permit will result in compliance or prevent or abate pollution.
- (F) The permittee shall comply with section 22a-416-1 through section 22a-416-10 of the RCSA concerning operator certification.
- (G) Nothing in this permit shall relieve the permittee of other obligations under applicable federal, state and local law.
- (H) An annual fee shall be paid for each year this permit is in effect as set forth in section 22a-430-7 of the Regulations of Connecticut State Agencies.

**SECTION 2: DEFINITIONS**

- (A) The definitions of the terms used in this permit shall be the same as the definitions contained in section 22a-423 of the CGS and section 22a-430-3(a) and 22a-430-6 of the RCSA.
- (B) In addition to the above, the following definitions shall apply to this permit:

"—" in the limits column on the monitoring table means a limit is not specified but a value must be reported on the DMR.

"Average Monthly Limit"; means the maximum allowable "Average Monthly Concentration" as defined in section 22a-430-3(a) of the RCSA when expressed as a concentration (e.g. mg/l); otherwise, it means "Average Monthly Discharge Limitation" as defined in section 22a-430-3(a) of the RCSA.

"Composite (C)" shall mean a sample consisting of a minimum of eight aliquot samples collected at equal intervals of no less than 30 minutes and no more than 60 minutes and combined proportionally to flow over the sampling period provided that during the sampling period the peak hourly flow is experienced.

"Daily Composite Sample (DC)" means a composite sample taken over a full operating day consisting of grab samples collected at equal intervals of no more than sixty (60) minutes and combined proportionally to flow; or, a composite sample continuously collected over a full operating day proportionally to flow.

"Daily Concentration" means the concentration of a substance as measured in a daily composite sample, or, arithmetic average of all grab sample results defining a grab sample average.

"Daily Quantity" means the quantity of waste generated during an operating day.

"Geometric Mean" is the "n"th root of the product of "n" observations.

"Infiltration" shall mean water other than wastewater that enters a sewer system (including sewer system and foundation drains) from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow.

"Inflow" shall mean water other than wastewater that enters a sewer system (including sewer service connections) from sources such as, but not limited to, roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage. Inflow does not include, and is distinguished from, infiltration.

"Instantaneous Limit" means the highest allowable concentration of a substance as measured by a grab sample, or the highest allowable measurement of a parameter as obtained through instantaneous monitoring.

"Maximum Daily Limit", means the maximum allowable "Daily Concentration" (defined above) when expressed as a concentration (e.g. mg/l), otherwise, it means the maximum allowable "Daily Quantity" as defined above, unless it is expressed as a flow quantity. If expressed as a flow quantity it means "Maximum Daily Flow" as defined in section 22a-430-3(a) of the RCSA.

"Monthly Minimum Removal Efficiency" means the minimum reduction in the pollutant parameter specified when the effluent average monthly concentration for that parameter is compared to the influent average monthly concentration.

"NA" as a Monitoring Table abbreviation means "not applicable".

"NR" as a Monitoring Table abbreviation means "not required".

"Quarterly" when used as a sample frequency shall mean a sample must be collected and analyzed in the months of February, May, August, and November.

"Range During Sampling" ("RDS"), as a sample type means the maximum and minimum of all values recorded as a result of analyzing each grab sample of; 1) a Composite Sample, or, 2) a Grab Sample Average. For those permittees with pH meters that provide continuous monitoring and recording, Range During Sampling means the maximum and minimum readings recorded with the continuous monitoring device during the Composite or Grab Sample Average sample collection.

"Range During Month" ("RDM"), as a sample type means the lowest and the highest values of all of the monitoring data for the reporting month.

"Work Day", when used as a sampling frequency shall mean Monday through Friday excluding holidays.

### SECTION 3: COMMISSIONER'S DECISION

- (A) The Commissioner of Environmental Protection ("Commissioner") has made a final determination and found that the system installed for the treatment of the discharge, will protect the waters of the state from pollution. The Commissioner's decision is based on application # 199500129 (199000301) (199900627) for permit issuance received on June 19, 1990 and the administrative record established in the processing of that application.
- (B) The Commissioner hereby authorizes the Permittee to discharge with the provisions of this permit, the above referenced application, and all approvals issued by the Commissioner or his authorized agent for the discharges and/or activities authorized by, or associated with, this permit.
- (C) The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be authorized under the Federal Safe Drinking Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Federal Safe Drinking Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

### SECTION 4: GENERAL CONDITIONS AND LIMITATIONS

- (A) No municipality shall allow a new discharge to its POTW of any process wastewaters or any cooling waters without verification from the Commissioner that a permit has been issued pursuant to section 22a-430 of the CGS.
- (B) No new discharge of domestic sewage from a single source to the POTW in excess of 7100 gallons per day may be authorized without the discharger first registering the discharge under the general permit for domestic sewage, issued by the Commissioner on June 11, 1992 pursuant to section 22a-430b of the CGS.
- (C) The permittee shall maintain a system of user charges sufficient to operate and maintain the POTW (including the collection system) and replace critical components.
- (D) The permittee shall maintain a sewer use ordinance which is consistent with the Model Sewer Ordinance for Connecticut Municipalities prepared by the Department of Environmental Protection. The Commissioner of Environmental Protection alone may authorize certain discharges which may not conform to the Model Sewer Ordinance.
- (E) An alternate power source adequate to provide full operation of all pump stations in the sewage collection system and to provide a minimum of primary treatment and disinfection at the water pollution control facility shall be maintained to insure that no discharge of untreated wastewater will occur during a failure of a primary power source.
- (F) New or increased levels of sanitary sewage discharge to the sewer system is prohibited where it will cause a dry weather overflow or exacerbate an existing dry weather overflow.
- (G) Sludge Conditions
  - (1) The permittee shall comply with all existing federal and state laws and regulations that apply to sewage sludge use and disposal practices and with the Clean Water Act Section 405(d) technical standards when promulgated.
  - (2) If an applicable management practice or numerical limitation for pollutants in sewage sludge more stringent than existing federal and state regulations is promulgated under Section 405(d) of the Clean Water Act (CWA), this permit shall be modified or revoked and reissued to conform to the promulgated regulations. The permittee shall comply with the limitations no later than the compliance date specified in the applicable regulations as required by Section 405(d) Clean Water Act.

- (3) The permittee shall give prior notice to the Commissioner of any change(s) planned in the permittee's sludge use or disposal practice. A change in the permittee's sludge use or disposal practice is a cause for modification of the permit.
- (H) The limits imposed on the discharges listed in this permit take effect on the issuance date of this permit, hence any sample taken after this date which, upon analysis, shows an exceedance of permit limits will be considered non-compliance.
- The monitoring requirements of this permit begin on the date of issuance of this permit if the issuance date is on or before the 12th day of a month. For permits issued on or after the 13th day of a month, monitoring requirements begin the 1st day of the following month.
- (I) Industrial or commercial wastes, toxic chemicals, or other substances, that will adversely affect the operation of the treatment and disposal system, or, which may pollute ground water, shall not be discharged.
- (J) The permittee shall assure that groundwater affected by the subject discharge shall conform to the Connecticut Water Quality Standards.

#### SECTION 5: SPECIFIC EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- (A) The discharges shall not exceed and shall otherwise conform to the specific terms and conditions listed in this permit. The discharges are restricted by, and shall be monitored in accordance with the tables A through D which are incorporated in this permit as Attachment 1.
- (B) The permittee shall perform the following ground water monitoring in accordance with Tables E and F in Attachment 1.

#### SECTION 6: SAMPLE COLLECTION, HANDLING and ANALYTICAL TECHNIQUES

- (A) Chemical Analysis
- (1) Chemical analyses to determine compliance with effluent limits and conditions established in this permit, shall be performed using the methods approved pursuant to the Code of Federal Regulations, Part 136 of title 40 (40 CFR 136) unless an alternative method has been approved in writing pursuant to 40 CFR 136.4 or as provided in section 22a-430-3-(j)(7) of the RCSA. Chemicals which do not have methods of analysis defined in 40 CFR 136 or the RCSA shall be analyzed in accordance with methods specified in this permit.
- (2) All metals analyses identified in this permit shall refer to analyses for Total Recoverable Metal, as defined in 40 CFR 136 unless otherwise specified.
- (3) Grab samples shall be taken during the period of the day when the peak hourly flow is normally experienced.
- (4) Samples collected for bacteriological examination shall be collected between the hours of 11 a.m. and 3 p.m. or at that time of day when the peak hourly flow is normally experienced.

#### SECTION 7: RECORDING AND REPORTING REQUIREMENTS

- (A) Discharge monitoring data as indicated on the "Discharge Monitoring Report" form, provided by this office, shall be compiled from monitoring required in Table A- F in Attachment 1. The information shall be reported on the Discharge Monitoring Report (DMR) and sent to the Bureau of Water Management at the following address. The DMR must be received by the last day of the month following the month in which samples are collected.

Bureau of Water Management (Attn: DMR Processing)  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

- (1) The permittee shall record, and maintain onsite, pH values on the influent and effluent for each day of sample collection and report on the DMR the maximum and minimum for each month. The pH range for each month is defined as the highest and lowest single pH reading during all operating days of the month including periods when sampling is not performed.
  - (2) The permittee shall record the minimum, maximum and total flow for each day of discharge and shall report, on the discharge monitoring report, the total flow and the average daily flow for each sampling month.
  - (3) For composite samples, from other than automatic samplers, the instantaneous flow and the time of each aliquot sample collection shall be recorded and maintained at the POTW.
- (B) Process monitoring data as indicated on the monthly operating report (MOR) form included herein as Attachment 2 shall be compiled from monitoring required in Tables A-D in Attachment 1. The information shall be reported on the MOR and be submitted to the Bureau of Water Management at the following address by the 15th of the month following the month in which the reporting is required.

Bureau of Water Management Planning and Standards Division  
Municipal Technical Assistance Group  
Connecticut Department of Environmental Protection  
79 Elm St.  
Hartford, Ct. 06106-5127

#### **SECTION 8: RECORDING AND REPORTING OF VIOLATIONS, ADDITIONAL TESTING REQUIREMENTS**

- (A) Section 22a-430-3(k) of the RCSA shall apply in all instances of bypass including a bypass of the treatment plant or a component of the sewage collection system planned during required maintenance. The Department of Environmental Protection, Bureau of Water Management, Planning and Standards Division (860) 424-3704, the Department of Public Health, Water Supply Section (860) 509-7352 and Recreation Section (860) 509-7333, and the local Director of Health shall be notified within 2 hours by telephone during normal business hours and a written report submitted to the Commissioner within 72 hours of each occurrence, or potential occurrence, of an emergency diversion or bypass of untreated or partially treated sewage.
- (B) In addition to the reporting requirements contained in section 22a-430-3(i), (j), and (k) of the Regulations of Connecticut State Agencies, the permittee shall notify in the same manner as above, the Department of Environmental Protection, Bureau of Water Management, Planning and Standards Division, Municipal Facilities Section (860) 424-3704 concerning the failure of any major component of the treatment facilities which the permittee may have reason to believe would result in an effluent violation.

If the diversion or bypass occurs outside normal working hours (8:30 a.m. to 4:30 p.m. Monday through Friday), immediate notification shall be made to the Emergency Response Unit at (860) 424-3338 and the Department of Public Health at (860) 509-8000.

The written report shall contain:

- (a) The nature and cause of the diversion or bypass or treatment component failure.
- (b) The time the incident occurred and the anticipated time which it is expected to continue or, if the

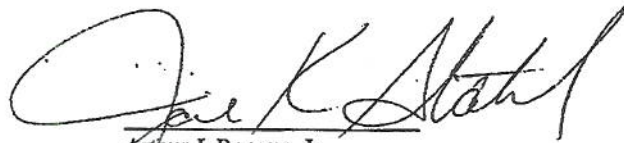
condition has been corrected, the duration.

- (c) The estimated volume of the bypass or discharge of partially treated sewage.
- (d) The steps being taken to reduce or minimize the effect on the receiving waters.
- (e) The steps that will be taken to prevent reoccurrence of the condition in the future.

#### SECTION 9: COMPLIANCE SCHEDULES

- (A) When the arithmetic mean of the average daily flow from the POTW for the previous 180 days exceeds 90% of the permitted capacity, the permittee shall develop, within 90 days, a plan to accommodate future increases in flow to the plant. This plan shall include a schedule for completing any recommended improvements and a plan for financing the improvements. Said plan shall be submitted to the DEP upon request.
- (B) On or before July 31st of each calendar year the main flow meter shall be calibrated in accordance with the manufacturers specifications. The permittee shall verify in writing to the Department of Environmental Protection, Water Management Bureau that the main flow meter has been calibrated and the actual record of the calibration shall be retained onsite.
- (C) On or before October 1, 1999 the Permittee shall complete the renovation of the sand beds by placing two feet of sand in sandfilter #4.
- (D) On or before September 1, 1999 the permittee shall hire a consultant to evaluate present sludge disposal practices at the Water Pollution Control Facility for conformance with 40 CFR 503 of the Federal Regulations and if necessary evaluate alternatives to present practices.
- (E) On or before May 1, 2000 submit for review and approval of the Commissioner a report on present sludge disposal practices and evaluation of alternatives or alterations to present practices necessary to comply with 40 CFR 503 of the Federal Regulations. Such report shall include a schedule for implementation of any proposed changes to present practices including submittal of plans and construction of physical facilities if necessary.

This permit is hereby issued on the 12th day of July, 1999.



Arthur J. Rocque, Jr.  
Commissioner

cc: DMR Staff

# ATTACHMENT 1

Tables A thru F

TABLE A

Discharge Serial Number (DSN): 301-1		Monitoring Location: 1						
Wastewater Description: Sanitary Sewage								
Monitoring Location Description: Final Effluent prior to discharge to sandfilters								
PARAMETER	FLOW/TIME BASED MONITORING					INSTANTANEOUS MONITORING		Recording MOR/ DMR
	Average Monthly Limit	Average Weekly Limit	Maximum Daily Limit	Sample Freq.	Sample type	Limit or Required Range	Grab Sample Frequency	
Biochemical Oxygen Demand (5 day)	20 mg/l and 10% of influent(l)	30 mg/l	40 mg/l	Weekly	DC	NA	NR	DMR/MOR
Flow, Average	142,000 gpd	NA	NA	Daily	Meter	NA	NR	DMR/MOR
Nitrogen, Ammonia	mg/l	NA	mg/l	Weekly	DC	NA	NR	MOR
Nitrogen, Nitrate (total as N)	mg/l	NA	mg/l	Weekly	DC	NA	NR	MOR
Nitrogen, Nitrite (total as N)	mg/l	NA	mg/l	Weekly	DC	NA	NR	MOR
Nitrogen, Organic	mg/l	NA	mg/l	Weekly	DC	NA	NR	MOR
Oxygen, Dissolved	NA	NA	NA	NR	NA	NA	Workday	MOR
pH	NA	NA	NA	NR	NA	6 - 9 s.u.	Workday	DMR/MOR
Phosphorus, Total	mg/l	NA	mg/l	Weekly	DC	NA	NR	MOR
Solids, Settleable	ml/l	NA	ml/l	Weekly	DC	NA	NR	MOR
Solids, Total Suspended	20 mg/l and 10% of influent(l)	30 mg/l	40 mg/l	Weekly	DC	NA	NR	DMR/MOR
Temperature	NA	NA	NA	NR	NA	---	workday	MOR
Remarks: (1) The discharge shall meet the more stringent of 20 mg/l or 10% of the average monthly influent BOD5 and Suspended Solids (Table B, Monitoring Location G)								

**TABLE B**

Discharge Serial Number: 301-1		Monitoring Location: G				
Wastewater Description:		Sanitary Sewage				
Monitoring Location Description:		Influent				
PARAMETER	UNITS	FLOW/TIME BASED MONITORING		INSTANTANEOUS MONITORING		
		Sample Frequency	Sample Type	Sample Frequency	Sample Type	Reporting Form
Biochemical Oxygen Demand	mg/l	Weekly	DC	NR	NA	DMR/MOR
pH	s.u.	NR	NA	work day	instantaneous	MOR
Solids, Total Suspended	mg/l	Weekly	DC	NR	NA	DMR/MOR
Temperature	°F	NR	NA	work day	instantaneous	MOR

**TABLE C**

Discharge Serial Number: 301-1		Monitoring Location: N	
Wastewater Description:		Secondary treatment	
Monitoring Location Description:		Each Aeration Unit	
PARAMETER	INSTANTANEOUS MONITORING		
	Sample Frequency	Sample Type	Reporting Form
	WorkDay	Instantaneous	MOR
	WorkDay	Calculated	MOR
	WorkDay	Grab	MOR
	WorkDay	Calculated	MOR

**TABLE D**

Discharge Serial Number: 301-1		Monitoring Location: S	
Wastewater Description: Dewatered sludge			
Monitoring Location Description: Off filter press			
PARAMETER	UNITS	INSTANTANEOUS MONITORING	
		Grab Sample Freq.	Reporting Form
Arsenic, Total	mg/l	Quarterly	DMR
Beryllium, Total	mg/l	Quarterly	DMR
Cadmium, Total	mg/l	Quarterly	DMR
Chromium, Total	mg/l	Quarterly	DMR
Copper, Total	mg/l	Quarterly	DMR
Hydrocarbons, Total	mg/l	Quarterly	DMR
Lead, Total	mg/l	Quarterly	DMR
Mercury, Total	mg/l	Quarterly	DMR
Nickel, Total	mg/l	Quarterly	DMR
Nitrogen, Ammonia	mg/l	Quarterly	DMR
Nitrogen, Nitrate (total as N)	mg/l	Quarterly	DMR
Nitrogen, Organic	mg/l	Quarterly	DMR
Nitrogen, Nitrite (total as N)	mg/l	Quarterly	DMR
Nitrogen, Total	mg/l	Quarterly	DMR
pH	s.u.	Quarterly	DMR
Polychlorinated Biphenyls	mg/l	Quarterly	DMR
Solids, Fixed	%	Quarterly	DMR
Solids, Total	%	Quarterly	DMR
Solids, Volatile	%	Quarterly	DMR
Zinc, Total	mg/l	Quarterly	DMR

**TABLE E**

(GROUNDWATER MONITORING)				
DISCHARGE SERIAL NO. 301A, 301B, 301C, 301D			MONITORING LOCATION: W	
GROUNDWATER MONITORING WELL NO.: PZ1, PZ2, PZ3, PZ4			DESCRIPTION: wells in sand beds #1-4	
PARAMETER	UNITS	MINIMUM FREQUENCY OF SAMPLING	SAMPLE TYPE	Reporting Form
Groundwater Depth	ft.	Quarterly	Instantaneous	DMR
Nitrogen, Ammonia	mg/l	Quarterly	Grab	DMR
Nitrogen, Nitrate	mg/l	Quarterly	Grab	DMR
Nitrogen, Nitrite	mg/l	Quarterly	Grab	DMR
Nitrogen, Total Kjeldahl	mg/l	Quarterly	Grab	DMR
Nitrogen, Total	mg/l	Quarterly	Grab	DMR
Phosphorus, Total	mg/l	Quarterly	Grab	DMR

**TABLE F**

(GROUNDWATER MONITORING)				
DISCHARGE SERIAL NO. 301E, 301F			MONITORING LOCATION: W	
GROUNDWATER MONITORING WELL NO.: MW4, MW5			DESCRIPTION: wells downgradient of sand beds	
PARAMETER	UNITS	MINIMUM FREQUENCY OF SAMPLING	SAMPLE TYPE	Reporting Form
Coliform, Fecal	col/100ml	Quarterly	Grab	DMR
Groundwater Depth	ft.	Quarterly	Instantaneous	DMR
Nitrogen, Ammonia	mg/l	Quarterly	Grab	DMR
Nitrogen, Nitrate	mg/l	Quarterly	Grab	DMR
Nitrogen, Nitrite	mg/l	Quarterly	Grab	DMR
Nitrogen, Total Kjeldahl	mg/l	Quarterly	Grab	DMR
Nitrogen, Total	mg/l	Quarterly	Grab	DMR
Phosphorus, Total	mg/l	Quarterly	Grab	DMR

## DATA TRACKING AND TECHNICAL FACT SHEET

### DISCHARGER NAME AND ADDRESS DATA

Facility ID: 068-001

Pams Company ID:104226

Application # 199900627

Permit Duration: 10 Year

199000301

199500129

Permittee: Kent Water Pollution Control Authority

#### Mailing Address:

Street: 22 South Main St.  
P.O.Box 678

#### Location Address:

Street: Schaghticoke Road

City: Kent ST: Ct Zip: 06757

City: Kent St. CT Zip: 06757

Contact Name: Robert Bauer

Contact Name: Art Seabury

### DISCHARGE CATEGORIZATION

POINT(☒) NON-POINT(☐) GIS # 4097

NPDES(☐) PRETREAT(☐) GROUND WATER(UIC)(☒) GROUND WATER (OTHER)(☐)

MAJOR(☐) SIGNIFICANT MINOR(☐) MINOR(☒)

EPA SIGNIFICANT INDUS USER(☐) EPA CATEGORICAL(☐) NON CATEGORICAL(☐)

POLLUTION PREVENTION MANDATE(☐) ENVIRONMENTAL EQUITY ISSUE(☐)

### OWNERSHIP CODE

Private(☐) Federal(☐) State(☐) Municipal(town only)(☒) Other public(☐)

### UIC PERMIT INFORMATION

Total Wells 1

Well Type 5W11

### PERMIT FEES

DISCHARGE CODE 312000a REPRESENTING DSN 001 ANNUAL FEE \$ 590.00

**DEP STAFF ENGINEER/ANALYST** Gary L. Leavitt

**PERMIT TYPE**

New ☒ (X)

Reissuance ☐ ( )

Modification ☐ ( )

**NATURE OF BUSINESS GENERATING DISCHARGE**

Municipal Sewage Treatment Plant

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

DSN 001 Extended Aeration Plant followed by Sand Filtration

**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

**BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS**

- ☒ Secondary Treatment
- ☒ Case by Case Determination (See Other Comments)

**GENERAL COMMENTS**

This discharge is redirected from a surface discharge to the Housatonic River to a ground discharge through the sand beds on the site. To do this we issued a new UIC permit (UIC 0000311).