

UIC PERMIT

issued to

Town of Guilford
c/o Guilford Board of Education
P.O. Box 367
701 New England Road
Guilford, CT 06437

Location Address:
Baldwin Middle School
68 Bullard Drive
Guilford, CT 06437

Permit ID: UI0000221

Permit Expires

Watershed: West River

Basin Code: 5110

SECTION 1: GENERAL PROVISIONS

- (A) This permit is issued in accordance with section 1421 of the Federal Safe Drinking Water Act 42 USC 300h 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 Guilford, ("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), (j)(1), (j)(6), (j)(8), (j)(9)(C), (j)(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

Section 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 of Energy & Environmental Protection (“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 authorization to discharge under this permit may not be transferred without prior written approval of the Commissioner. To request such approval, the Permittee and proposed transferee shall register such proposed transfer with the Commissioner, at least 30 days prior to the transferee becoming legally responsible for creating or maintaining any discharge which is the subject of the permit transfer. Failure, by the transferee, to obtain the Commissioner's approval prior to commencing such discharge(s) may subject the transferee to enforcement action for discharging without a permit pursuant to applicable sections of the CGS and RCSA.
- (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 RCSA.
- (I) This permitted discharge is consistent with the applicable goals and policies of the Connecticut Coastal Management Act (section 22a-92 of the CGS).

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:

"Annual" in the context of a sampling frequency, shall mean the sample must be taken in the month of February.

"Quarterly", in the context of a sampling frequency, shall mean sampling is required in the months of February, May, August, and November.

"3 times per year", in the context of a maintenance frequency, shall mean the maintenance must be performed at least 3 times during the period of May to November.

SECTION 3: COMMISSIONER'S DECISION

- (A) The 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 No. 200303302** for permit issuance received on September 30, 2003 and the administrative record established in the processing of that application.
- (B) The Commissioner hereby authorizes the Permittee to discharge 7,235 gallons per day of domestic sewage in accordance with the provisions of this permit, the above referenced application, and all approvals issued by the Commissioner or the Commissioner's 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: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- (A) The use of sewage system additives, as defined in section 22a-460(g) of the CGS, are prohibited unless such additive is registered with the Commissioner in accordance with section 22a-462-3 of the RCSA. The Commissioner in no way certifies the safety or effectiveness of any registered additive.
- (B) Oils, greases, industrial or commercial wastes, toxic chemicals, wastes from water treatment systems, or other substances, that will adversely affect the operation of the subsurface sewage treatment and disposal system, or, which may pollute ground or surface water, shall not be discharged to the subsurface sewage treatment and disposal system.
- (C) The Permittee shall assure that groundwater affected by the subject discharge shall conform to the Connecticut Water Quality Standards.
- (D) This permit becomes effective on the date of signature.
- (E) The discharge shall not exceed and shall otherwise conform to specific terms and conditions listed in this permit. The discharge is restricted by, and shall be monitored and the treatment facilities shall be maintained in accordance with the Table A, which is incorporated into this permit as Attachment 1.
- (F) In cases where limits and sample type are specified but sampling is not required, the limits specified shall apply to all samples which may be collected and analyzed by the Department of Energy and Environmental Protection personnel, the Permittee, or other parties.

- (G) The Permittee shall perform ground water monitoring in accordance with Table B, which is incorporated into this permit as Attachment 2.

SECTION 5: SAMPLE COLLECTION, HANDLING AND ANALYTICAL TECHNIQUES AND REPORTING REQUIREMENTS

- (A) Chemical analyses to determine compliance with effluent limits and conditions established in this permit shall employ methods approved by the Environmental Protection Agency pursuant to 40 CFR 136 unless an alternative method has been approved in writing in accordance with 40 CFR 136.4.
- (B) If any sample analysis indicates that an effluent limitation specified in Section 4 of this permit has been exceeded, a second sample of the effluent shall be collected and analyzed for the parameter(s) in question and the results reported to the Commissioner within 30 days of the exceedance. Resampling for permit violations is in addition to routine required sampling.
- (C) The Permittee shall enter the results of chemical analysis and treatment facilities monitoring and maintenance required by Section 4 on a Discharge Monitoring Report (DMR), provided by this office, and shall submit such DMR to the Bureau of Materials Management and Compliance Assurance by the end of the month following the month in which the samples are taken.
- (D) **Electronic Reporting:**
Unless otherwise approved in writing by the Commissioner, no later than one-hundred-twenty (120) days after the issuance of this permit, the Permittee shall report chemical analysis, monitoring and maintenance data using the Department's Onsite Wastewater Reporting System, a web-based tool that allows Permittees to electronically submit DMRs *and other required reports* through a secure internet connection. The Permittee shall subscribe to and submit such data using the Onsite Wastewater Reporting System in accordance with subsection 5(F) below.
- (E) **Subscription to the Onsite Wastewater Reporting System:**
On or before sixty (60) days after the issuance of this permit, the Permittee shall contact the Department and subscribe to the Onsite Wastewater Reporting System for electronic submission of DMR information *and other required reports*. Such subscription shall be by a person authorized to sign the Permittee's DMR and other reports as prescribed by RCSA Section 22a-430-3(b)(2) ("Signatory Authority"). To obtain a copy of the Subscriber Agreement form, please contact the Department at 860-424-3018.
- (F) **Submittal of Reports Using the Onsite Wastewater Reporting System:**
On or before one-hundred-twenty (120) days after issuance of this permit, the Permittee shall through its Signatory Authority electronically submit DMRs and reports required under this permit to the Department using the Onsite Wastewater Reporting System in satisfaction of the DMR submission requirement of subsection 5(C) above, except that the Permittee shall still be required, in response to a permit limitation violation, to submit to the Department a hard-copy report in accordance with subsection 5(H) below. Such report shall include a detailed explanation of such violation, corrective actions performed and a schedule for the completion of any corrective actions remaining. The Onsite Wastewater Reporting System is accessed from: <http://www.ctdeponitereporting.org>.
- (G) **Submittal of Onsite Wastewater Reporting System Opt-Out Requests:**
If the Permittee demonstrates in writing to the Department's satisfaction that use of the Onsite Wastewater Reporting System is not reasonably possible ("opt-out request") because of a factor such as technical or administrative infeasibility, the Commissioner may grant such request and approve the submission of DMRs and other required reports in hard-copy form. Opt-out requests must be submitted in writing to the Department for written approval on or before fifteen (15) days prior to the date the Permittee would be required under this permit to begin filing DMRs and other reports using the Onsite Wastewater Reporting System. This demonstration shall be valid for twelve (12) months from the date of the Department's

approval and shall thereupon expire. On or before one-hundred-twenty (120) days after such expiration, the Permittee shall electronically submit DMRs and other reports to the Department in accordance with subsections 5(E) and 5(F).

Unless otherwise indicated by the Department, all opt-out requests and subscriber requests for the Onsite Wastewater Reporting System shall be sent to the following address:

Attn: Onsite Wastewater Reporting System Coordinator
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

(H) **Non-Electronic or Hard-Copy Submission:**

The results of chemical analysis and treatment facilities monitoring that are not required to be submitted electronically under Section 5 shall be submitted in hard-copy form on a DMR provided by this office. Such DMRs and other reports not required to be submitted electronically shall be reported to the Bureau of Materials Management and Compliance Assurance, at the following address. The DMR shall also include a detailed explanation of any violations of the limitations specified and corrective actions performed, and a schedule for the completion of any corrective actions remaining.

Bureau of Materials Management and Compliance Assurance
Water Permitting and Enforcement Division (Attn: DMR Processing)
Connecticut Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

(I) Copies of all hard-copy DMRs shall be submitted concurrently to the local Health Department.

SECTION 6: COMPLIANCE SCHEDULE

(C) On or before seven (7) days after issuance of this permit, the Permittee shall record a copy thereof on the land records in the Town of Guilford. On or before one (1) month after issuance of this permit, the Permittee shall submit written verification to the Commissioner that this permit has been recorded in the land records in the Town of Guilford.

This permit is hereby issued on

Macky McCleary
Deputy Commissioner
Department of Energy and Environmental Protection

cc: Guilford Health Department
Lawrence Marcik Jr., P.E., Design Earth Technology
DMR

DRAFT

ATTACHMENT 1

| TABLE A | |
|--|--|
| Discharge Serial No. 301-2 | Monitoring Location: 8 |
| Wastewater Description: Domestic Sewage | |
| Monitoring Location Description: Subsurface sewage treatment and disposal system | |
| Average Daily Flow: 4,823 gallons per day | Maximum Daily Flow: 7, 235 gallons per day |
| INSPECTION, MONITORING OR MAINTENANCE REQUIREMENTS | |
| <u>INSPECTION, MONITORING, or MAINTENANCE</u> | <u>MINIMUM FREQUENCY</u> |
| Depth of sludge in septic tank | During pump-out |
| Pump out septic tank | Annually |
| Pump out grease trap | Quarterly |
| Mechanical inspection of septic tank baffles | During pump-out |
| Mechanical inspection of grease trap baffles | During pump-out |
| Mechanical inspection of pump station | Quarterly |
| Pump out pump chamber | Every 2 years |
| Water meter readings of water usage | Weekly |
| Visual inspection of distribution chambers | Quarterly |
| Visual inspection of surface condition of leaching field | Quarterly |
| Depth of ponding in leaching field | Quarterly |
| Mow grass over leaching field | 3 times per year |
| NOTE: The Guilford Health Department Sanitarian shall be notified at least one week prior to pumping of septic tanks and grease traps. Verification of all pump outs shall be attached to the monitoring report and a copy of the report shall be sent to the Guilford Health Department Director of Health. | |

ATTACHMENT 2

DRAFT

| TABLE B GROUNDWATER MONITORING | | | |
|---|--------------|---|------------------------|
| DISCHARGE SERIAL NO. 301-A, 301-B, 301-C | | MONITORING LOCATION: W | |
| GROUND WATER MONITORING WELL NO.: MW-1, MW-2, MW-3 | | DESCRIPTION: Downgradient monitoring wells | |
| PARAMETER | UNITS | MINIMUM FREQUENCY OF SAMPLING | SAMPLE TYPE |
| Fecal Coliform | col/100ml | Quarterly | Grab |
| Groundwater Depth (Standard depth below grade) | Ft, in | Quarterly | Instantaneous |
| Ammonia Nitrogen | mg/l | Quarterly | Grab |
| Nitrate Nitrogen | mg/l | Quarterly | Grab |
| Nitrite Nitrogen | mg/l | Quarterly | Grab |
| Total Kjeldahl Nitrogen | mg/l | Quarterly | Grab |
| Total Nitrogen | mg/l | Quarterly | Grab |
| pH | S.U. | Quarterly | Instantaneous |
| Total Dissolved Phosphorous | mg/l | Quarterly | Grab |

DATA TRACKING AND TECHNICAL FACT SHEET

PERMIT #: UI0000221 **APPLICATION #:** 200303302

DISCHARGER NAME AND ADDRESS DATA

Permittee: Town of Guilford

Mailing Address: c/o Guilford Board of Ed.

Location Address:

Street: P.O. Box 367, 701 New England Road

Street: 68 Bullard Drive

City: Guilford ST: CT Zip: 06437

City: Guilford St. CT Zip: 06437

Contact Name: Cliff Gurnham

Contact Name:

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 ___ NO X

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

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

OTHER()

OWNERSHIP CODE

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

UIC PERMIT INFORMATION

Total Wells 1 Well Type 5W11

PERMIT FEES

DISCHARGE CODE 312000a REPRESENTING DSN 301-2 ANNUAL FEE \$555.00

DEEP STAFF ENGINEER/ANALYST

Ramona Goode

PERMIT TYPE

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

NATURE OF BUSINESS GENERATING DISCHARGE

A middle school

PROCESS AND TREATMENT DESCRIPTION (by DSN)

DSN 301-2 represents the subsurface sewage treatment and disposal system serving the Baldwin Middle School. The system consists of a septic tank, grease trap, and pump chamber that discharges to a lateral sand filter and an infiltration trench.

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

OTHER COMMENTS

The original permit expired on February 14, 2002. An application for renewal was received September 20, 2003. Therefore, the permit is being issued as a new permit rather than a renewal.

The lateral sand filter was constructed as a repair to a failing system located at the Middle School. Because the discharge from the lateral sand filter remains dispersed in the downgradient soils, there is no toe of the slope discharge and; therefore, does not require an NPDES permit under the Clean Water Act

PROJECT HISTORY

Application received on September 30, 2003.

**NOTICE OF TENTATIVE DETERMINATION
INTENT TO ISSUE A STATE PERMIT AND
AN UNDERGROUND INJECTION CONTROL PERMIT
FOR THE FOLLOWING DISCHARGE
INTO THE WATERS OF THE STATE OF CONNECTICUT**

TENTATIVE DETERMINATION

The Commissioner of Energy and Environmental Protection hereby gives notice of a tentative determination to issue a permit based on an application submitted by **Town of Guilford** ("the applicant") under section 22a-430 of the Connecticut General Statutes for a permit to discharge into the waters of the state.

In accordance with applicable federal and state law, the Commissioner has made a tentative determination that the proposed system to treat the discharge will protect the waters of the state from pollution and the Commissioner proposes to issue a permit for the discharge to the groundwaters in the West River watershed.

The proposed permit, if issued by the Commissioner, will require periodic monitoring to demonstrate that the discharge will not cause pollution.

APPLICANT'S PROPOSAL

Town of Guilford proposes to discharge 7,235 gallons per day of domestic sewage wastewaters to the groundwaters in the watershed of the West River from operations at a middle school.

The name and mailing address of the permit applicant are:

Town of Guilford
c/o Guilford Board of Education
P.O. Box 367
701 New England Road
Guilford, CT 06437

The proposed activity will take place at:

Baldwin Middle School
68 Bullard Drive
Guilford, CT 06437

The proposed activity is within the coastal area as defined in C.G.S. Section 22a-94. Pursuant to C.G.S. Section 22a-98, the applicant must demonstrate that the activities are consistent with all applicable goals and policies in C.G.S. Section 22a-92, and that such activities incorporate all reasonable measures mitigating any adverse impacts on coastal resources and future water-dependent development activities.

REGULATORY CONDITIONS

Type of Treatment

The middle school is served by a subsurface sewage treatment and disposal system which consists of a septic tank, grease trap, and pump chamber that discharges to a lateral sand filter and an infiltration trench.

COMMISSIONER'S AUTHORITY

The Commissioner of Energy and Environmental Protection is authorized to approve or deny such permits pursuant to (1) section 22a-430 of the Connecticut General Statutes and the Water Discharge Permit Regulations (section 22a-430-3 and 4 of the Regulations of Connecticut State Agencies) (2) section 1421 of the Federal Safe Drinking Water Act 42 USC et. seq.

INFORMATION REQUESTS

The application has been assigned the following numbers by the Department of Energy and Environmental Protection. Please use these numbers when corresponding with this office regarding this application.

APPLICATION NO. 200303302

PERMIT ID NO. UI0000221

Interested persons may obtain copies of the application from:

Design Earth Technology
P.O. Box 187
Guilford, CT 06437
Attn: Lawrence Marcik, Jr., P.E.
(203) 458-9806

The application is available for inspection by contacting Ramona Goode, (860) 424-3018, at the Department of Energy and Environmental Protection, Bureau of Materials Management and Compliance Assurance, 79 Elm Street, Hartford, CT 06106-5127 from 8:30 - 4:30, Monday through Friday.

Any interested person may request in writing that his or her name be put on a mailing list to receive notice of intent to issue any permit to discharge to the surface waters of the state. Such request may be for the entire state or any geographic area of the state and shall clearly state in writing the name and mailing address of the interested person and the area for which notices are requested.

PUBLIC COMMENT

Prior to making a final decision to approve or deny any application, the Commissioner shall consider written comments on the application from interested persons that are received within 30 days of this public notice. Written comments should be directed to Ramona Goode, Bureau of Materials Management and Compliance Assurance, Department of Energy and Environmental Protection, 79 Elm Street, Hartford, CT 06106-5127. The Commissioner may hold a public hearing prior to approving or denying an application if in the Commissioner's discretion the public interest will be best served thereby, and shall hold a hearing upon receipt of a petition signed by at least twenty-five persons. Notice of any public hearing shall be published at least 30 days prior to the hearing.

Petitions for a hearing should include the application number noted above and also identify a contact person to receive notifications. Petitions may also identify a person who is authorized to engage in discussions regarding the application and, if resolution is reached, withdraw the petition. Original petitions must be *mailed or delivered* to: DEEP Office of Adjudications, 79 Elm Street, 3rd floor, Hartford, CT, 06106-5127. Petitions cannot be sent by fax or email. Additional information can be found at www.ct.gov/deep/adjudications.

The Department of Energy and Environmental Protection is an Affirmative Action/Equal Opportunity Employer. Persons with a disability who may need information in an alternative format should contact the ADA Coordinator at

860-424-3194 or at DEEP.HRmed@CT.Gov. Persons who are limited English proficient who may need information in another language should contact the Title VI Coordinator at (860) 424-3035 or at DEEP.aaoffice@ct.gov. Persons who are hearing impaired should call the State of Connecticut relay number 711. Discrimination complaints should be filed with the Title VI Coordinator.

Oswald Inglese, Jr.
Director
Water Permitting and Enforcement Division
Bureau of Materials Management and Compliance Assurance

Dated: 11/30/2012