

UIC PERMIT

**issued to**

Regional School District #16  
207 New Haven Road  
Prospect, CT 06712

**Location Address:**  
75 New Haven Road  
Prospect, CT 06712

**Permit ID:** UI0000502

**Permit Expires:**

**Watershed:** Beacon Hill Brook

**Basin Code:** 6918

**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) Regional School District #16, ("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 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.

**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: FINAL DETERMINATION OF THE COMMISSIONER**

- (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 final determination is based on **Application No. 201302076** for permit issuance received on April 29, 2013 and the administrative record established in the processing of that application.
- (B) The Commissioner hereby authorizes the Permittee to discharge a maximum flow of 7,150 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) The discharges shall not exceed and shall otherwise conform to specific terms and conditions listed in this permit. The discharges are restricted by, and the Permittee shall monitor inspect and maintain the treatment facilities in accordance with, the Table A which is incorporated into this permit as Attachment 1.
- (E) The Permittee shall maintain at the facility a record of the 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.

- (F) All samples shall be comprised of only those wastewaters described in this schedule, therefore, samples shall be taken prior to combination with wastewaters of any other type and after all approved treatment units, if applicable. All samples taken shall be representative of the discharge during standard operating conditions.
- (G) 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.
- (H) 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.ctdeponisitereporting.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 Chesprocott Health District.

**SECTION 6: COMPLIANCE SCHEDULE**

- (A) On or before seven (7) days after issuance of this permit, the Permittee shall record on the land records of the Town of Prospect a document indicating the location of the zone of influence created by the subject discharge, as reflected in the application and approved plans and specifications for this permit. On or before one (1) month after issuance of this permit, the Permittee shall submit written verification to the Commissioner that the approved document indicating the location of the zone of influence created by the subject discharge as reflected in the application for this permit has been recorded on the land records in the Town of Prospect.
- (B) 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 Prospect. 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 Prospect.

This permit is hereby issued on

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Macky McCleary  
Deputy Commissioner  
Department of Energy and Environmental Protection

cc: Chesprocott Health District  
DMR

DRAFT

ATTACHMENT 1

<b>TABLE A</b>	
Discharge Serial No. 301-2	Monitoring Location: 8
Wastewater Description: Domestic Sewage	
Monitoring Location Description: Subsurface Sewage Disposal System	
Average Daily Flow: 4,767 gallons per day	Maximum Daily Flow: 7,150 gallons per day
<u><b>INSPECTION, MONITORING, or MAINTENANCE</b></u>	<u><b>MINIMUM FREQUENCY</b></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 septic tank effluent filter	During pump-out
Clean septic tank effluent filter	During pump-out
Water meter readings of water usage	Monthly
Visual inspection of distribution boxes	Quarterly
Visual inspection of surface condition of leaching field	Quarterly
Measurement of ground water level	Quarterly
Depth of ponding in leaching field	Quarterly
Mow grass over leaching field	3 times per year
<p><b>NOTE:</b>            The Chesprocott 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 Chesprocott Health District Director of Health.</p>	



DRAFT

ATTACHMENT 2

<b>TABLE B GROUNDWATER MONITORING</b>			
<b>DISCHARGE SERIAL NO. 301 A, 301 B</b>		<b>MONITORING LOCATION:</b> W-downgradient	
<b>GROUND WATER MONITORING WELL NO:</b> as named on AS BUILT		<b>DESCRIPTION:</b> Downgradient monitoring wells	
<b>PARAMETER</b>	<b>UNITS</b>	<b>MINIMUM FREQUENCY OF SAMPLING</b>	<b>SAMPLE TYPE</b>
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 #:** UI0000502      **APPLICATION #:** 201302076

**DISCHARGER NAME AND ADDRESS DATA**

**Permittee:**

**Mailing Address:**

Street: 207 New Haven Road

City: Prospect      ST: CT Zip: 06712

**Location Address:**

Street: 75 New Haven Road

City: Prospect      St. CT Zip: 06712

**Contact Name:**      **Pamela Mangini**

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**PERMIT DURATION**

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

**DISCHARGE CATEGORIZATION**

POINT(  )      NON-POINT(  )      GIS # \_\_\_\_\_

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

MAJOR(  )      SIGNIFICANT MINOR(  )      MINOR(  )

**COMPLIANCE SCHEDULE**    YES   X      NO

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

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

OTHER(  )

**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  301-2  ANNUAL FEE \$ 555

**DEEP STAFF ENGINEER/ANALYST**

Antoanela Daha

**PERMIT TYPE**

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

**NATURE OF BUSINESS GENERATING DISCHARGE**

A new preK-5 Elementary School

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

DSN 301-2 represents the discharge from the proposed school activities. The proposed conventional subsurface sewage disposal system is comprised of a grease trap and a septic tank followed by a leaching system consisting of a lateral sand filter and native soils.

**RESOURCES USED TO DRAFT PERMIT**

   Federal Effluent Limitation Guideline  40CFR   
name of category

   Performance Standards

   Federal Development Document  
name of category

   Treatability Manual

 X  Department File Information

 X  Connecticut Water Quality Standards

- Anti-degradation Policy
- Coastal Management Consistency Review Form
- Other - Explain

**BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS**

Case by Case Determination (See Other Comments)

**OTHER COMMENTS**

The proposed activity is located in a public water supply watershed. The applicant has demonstrated that the leaching system, in particular the soils downgradient of the lateral sand filter, have sufficient hydraulic capacity to transmit the effluent without surface breakout.

**PROJECT HISTORY**

Application received on April 29, 2013

**NOTICE OF TENTATIVE DECISION  
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 DECISION**

The Commissioner of Energy and Environmental Protection hereby gives notice of a tentative decision to issue a permit based on an application submitted by **Regional School District #16** ("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 decision that the proposed system to treat the discharge will protect the waters of the state from pollution and the Commissioner proposes to require the applicant to submit plans and specifications of the proposed new treatment system and such additional information as the Commissioner deems necessary to ensure the protection of the waters of the state from pollution. If such plans are approved by the Commissioner and the treatment system is constructed in full compliance with the approval, the Commissioner proposes to issue a permit for this discharge to the groundwaters in the Beacon Hill Brook Watershed.

**APPLICANT'S PROPOSAL**

Regional School District #16 proposes to discharge 7,150 gallons per day of domestic sewage to groundwaters in the watershed of Beacon Hill Brook from operations at a new Elementary School.

The name and mailing address of the permit applicant are:

Regional School District #16  
207 New Haven Road  
Prospect, CT 06712

The proposed activity will take place at:

75 New Haven Road  
Prospect, CT 06712

The proposed activity is located within a drinking water supply watershed.

**REGULATORY CONDITIONS**

**Type of Treatment**

The proposed conventional subsurface sewage disposal system is comprised of a grease trap and a septic tank followed by a leaching system consisting of a lateral sand filter and native soils.

**COMMISSIONER'S AUTHORITY**

The Commissioner of Energy and Environmental Protection is authorized to approve or deny such permits pursuant to 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) and 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.: 201302076

PERMIT ID NO.: UI0000502

Interested persons may obtain copies of the application from:

Jeff LeBeau, P.E.

GM2 Associates, Inc.

115 Glastonbury Boulevard

Glastonbury, CT 06033

Telephone: (860) 659-1416

The application is available for inspection by contacting Antoanela Daha at 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 Antoanela Daha, 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, 3<sup>rd</sup> floor, Hartford, CT, 06106-5127. Petitions cannot be sent by fax or email. Additional information can be found at [www.ct.gov/deep/adjudications](http://www.ct.gov/deep/adjudications).

**The Connecticut Department of Energy and Environmental Protection is an Affirmative Action/Equal Opportunity Employer that is committed to complying with the requirements of the Americans with Disabilities Act. Any person with a disability who may need a communication aid or service may contact the agency's ADA Coordinator at 860-424-3194 or at [deep.hrmed@ct.gov](mailto:deep.hrmed@ct.gov). Any person with limited proficiency in English, who may need information in another language, may contact the agency's Title VI Coordinator at 860-424-3035 or at [deep.aaoffice@ct.gov](mailto:deep.aaoffice@ct.gov). ADA or Title VI discrimination complaints may be filed with DEEP's EEO Manager at (860) 424-3035 or at [deep.aaoffice@ct.gov](mailto:deep.aaoffice@ct.gov).**

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

Dated: 9/10/2013



