

UIC PERMIT

**issued to**

The Gunnery, Inc.  
99 Green Hill Road  
Washington, CT 06793

**Permit ID:** UI0000365

**Watershed:** Shepaug River

**Location Address:**

The Gunnery  
99 Green Hill Road  
Washington, CT 06793

**Permit Expires:**

**Basin Code:** 6700

**SECTION 1: GENERAL PROVISIONS**

- (A) This permit is reissued 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) The Gunnery, Inc. ("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) The Permittee shall comply with Section 22a-416-1 through Section 22a-416-10 of the RCSA concerning operator certification.
- (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.

"Average Monthly Limit" means the highest allowable average of all grab samples taken during any calendar month.

"Maximum Concentration" in the context of this permit is defined as the maximum concentration at any time as determined by a grab sample.

"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.

"Twice per month" when used as a sample frequency shall mean two samples per calendar month collected no less than 12 days apart.

### SECTION 3: COMMISSIONER'S DECISION

(A) The Commissioner has made a final determination and found that the continuance of the existing system to treat the discharge will protect the waters of the state from pollution. The Commissioner's decision is based on **Application No. 201200864** for permit reissuance received on February 24, 2012 and the administrative record established in the processing of that application.

(B) The Commissioner hereby authorizes the Permittee to discharge 30,000 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 as follows:

(1) From the issuance of this permit through and including the last day of the first calendar month of such issuance, the Commissioner hereby authorizes the Permittee to discharge in accordance with the terms and conditions of Permit No. UI0000365, issued by the Commissioner to the Permittee on August 22, 2002, the previous application submitted by the Permittee on April 20, 1995 and revisions received until January 11, 2001, and all modifications and approvals issued by the Commissioner or the Commissioner's authorized agent for the discharge and/or activities authorized by, or associated with, Permit No. UI0000365, issued by the Commissioner to the Permittee on August 22, 2002.

(2) Beginning on the first day of the month following the issuance of this permit, and continuing until this permit expires or is modified or revoked, the Commissioner hereby authorizes the Permittee to discharge in accordance with the terms and conditions of this permit, Application No. 201200864 received by the Department on February 24, 2012, and all modifications and approvals issued by the Commissioner or the Commissioner's authorized agent for the discharge 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 Permittee shall operate and maintain all processes as installed in accordance with the approved plans and specifications and as outlined in the associated operation and maintenance manual. This includes but is not limited to all or any other process equipment necessary for the optimal removal of pollutants. The Permittee shall not bypass or fail to operate any of the approved equipment or processes without the written approval of the Commissioner.
- (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 in accordance with the Tables A through C, which are incorporated into this permit as Attachment 1.
- (F) The pH of the discharge shall not be less than 6.0 nor greater than 9.0 Standard Units at any time and shall be monitored on a monthly basis. The Permittee shall report pH values, specifically maximum and minimum, for each day of sample collection.
- (G) 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 number of hours of discharge for the day of sample collection and the average daily flow for each sampling month.
- (H) 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.
- (I) 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.
- (J) The Permittee shall ensure that the wastewater treatment facility is operated by a person with a valid and effective certification in the State Of Connecticut, at a minimum, as a facility Class 3 operator pursuant to C.G.S. 22a-416(d) and the regulations adopted thereunder. The Permittee shall ensure that the wastewater treatment facility is operated by such an operator with such qualifications throughout the entire life of the wastewater treatment facility.
- (K) The Permittee shall monitor inspect and maintain the treatment facilities in accordance with Table D, which is incorporated into this permit as Attachment 2.

- (L) The Permittee shall perform ground water monitoring in accordance with Table E through F, which is incorporated into this permit as Attachment 3.
- (M) The monitoring and sampling required within this permit is a minimum for reporting purposes only. More frequent monitoring and sampling of the treatment system may be required to operate the facility to obtain acceptable results for the parameters being monitored as required by the Operation and Maintenance Manual approved by the Commissioner.

#### **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.
- (H) Copies of all hard-copy DMRs shall be submitted concurrently to the local Water Pollution Control Authority (hereinafter "WPCA").

**SECTION 6: COMPLIANCE SCHEDULE**

- (A) 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 Washington. 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 Washington.
- (B) Every two years, on or before the anniversary date of the issuance of this permit, the Permittee shall submit the results of a detailed permit compliance audit to the Commissioner. Such audits shall be performed within sixty (60) days prior to the anniversary date. The compliance audits shall be performed by a qualified professional engineer licensed to practice in Connecticut with the appropriate education, experience and training which is relevant to the work required.

Each audit shall evaluate compliance with all permit terms and conditions for the preceding two-year period. The evaluation shall review all pertinent records and documents as necessary, including Discharge Monitoring Reports (DMRs); laboratory reports; operations and maintenance plans and performance logs/records; equipment specifications and maintenance schedules; engineering drawings; and spare parts inventory.

Each audit report shall include a description of all records and documents used in the evaluation, a summary of compliance with permit terms and conditions, and detailed descriptions of all remedial actions taken or proposed to address each violation or deficiency discovery.

- (C) A copy of each audit shall be submitted concurrently to the local WPCA and to the local Health Department.

This permit is hereby issued on

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Macky McCleary  
Deputy Commissioner  
Department of Energy and Environmental Protection

cc: Washington Health Dept.  
William Aston, Buck & Buck, LLC  
DMR

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ATTACHMENT 1



| <b>TABLE A</b>                                |                                 |                    |  |                         |
|---|---------------------------------|--------------------|--|-------------------------|
| Discharge Serial No. 301-2                    |                                 |                    | Monitoring Location: 1 (pretreated effluent) |                         |
| Wastewater Description: Domestic Sewage       |                                 |                    |  |                         |
| Monitoring Location Description: Pump Station |                                 |                    |  |                         |
| Average Daily Flow: 20,000 gallons per day    |                                 |                    | Maximum Daily Flow: 30,000 gallons per day   |                         |
| <b>PARAMETER</b>                              | <b>INSTANTANEOUS MONITORING</b> |                    |  |                         |
|   | <b>Average Monthly Limit</b>    | <b>Sample Type</b> | <b>Maximum Concentration</b>                 | <b>Sample Frequency</b> |
| Biochemical Oxygen Demand                     | 20mg/L                          | Grab               | 30mg/L                                       | Twice per month         |
| Total Suspended Solids                        | 20mg/L                          | Grab               | 30mg/L                                       | Twice per month         |
| Total Nitrogen                                |                                 | Grab               | 10mg/L                                       | Twice per month         |
| Fecal Coliform                                |                                 | Grab               |  | Weekly                  |
| Ethanol                                       |                                 | Grab               |  | Quarterly               |

| <b>TABLE B</b>                                 |                                 |  |
|--|---------------------------------|--|
| Discharge Serial No. 301-2                     |                                 | Monitoring Location: G (influent)          |
| Wastewater Description: Domestic Sewage        |                                 |  |
| Monitoring Location Description: Septic Outlet |                                 |  |
| Average Daily Flow: 20,000 gallons per day     |                                 | Maximum Daily Flow: 30,000 gallons per day |
| <b>PARAMETER</b>                               | <b>INSTANTANEOUS MONITORING</b> |  |
|  | <b>Sample Type</b>              | <b>Sample Frequency</b>                    |
| Biochemical Oxygen Demand                      | Grab                            | Monthly                                    |
| Total Suspended Solids                         | Grab                            | Monthly                                    |
| Total Kjeldahl Nitrogen                        | Grab                            | Monthly                                    |
| Ammonia Nitrogen                               | Grab                            | Monthly                                    |
| Total Dissolved Solids                         | Grab                            | Monthly                                    |

| <b>TABLE C</b>                             |                                 |  |
|--|---------------------------------|--|
| Discharge Serial No. 301-2                 |                                 | Monitoring Location: J (intermediate)      |
| Wastewater Description: Domestic Sewage    |                                 |  |
| Monitoring Location Description: FAST Tank |                                 |  |
| Average Daily Flow: 20,000 gallons per day |                                 | Maximum Daily Flow: 30,000 gallons per day |
| <b>PARAMETER</b>                           | <b>INSTANTANEOUS MONITORING</b> |  |
|  | <b>Sample Type</b>              | <b>Sample Frequency</b>                    |
| pH   | Grab                            | Weekly                                     |
| Temperature                                | Grab                            | Weekly                                     |
| Alkalinity                                 | Grab                            | Weekly                                     |

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ATTACHMENT 2

| <b>TABLE D</b>   |  |
|--|--|
| <b>INSPECTION, MONITORING OR MAINTENANCE REQUIREMENTS</b>  |  |
| Discharge Serial No. 301-2   |  |
| Wastewater Description: Domestic Sewage  |  |
| Average Daily Flow: 20,000 gallons per day   | Maximum Daily Flow: 30,000 gallons per day |
| <u><b>INSPECTION, MONITORING, or MAINTENANCE</b></u>   | <u><b>MINIMUM FREQUENCY</b></u>            |
| Depth of sludge in septic tanks  | During pump-out                            |
| Pump out septic tanks  | 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 stations   | Monthly                                    |
| Test run of emergency generator  | Monthly                                    |
| Water meter readings of water usage  | Monthly                                    |
| Visual inspection of FAST system   | Monthly                                    |
| Pump out FAST and Re-aeration tank   | Quarterly                                  |
| Mechanical inspection of ethanol   | Monthly                                    |
| Visual inspection of UV-disinfection system  | Monthly                                    |
| Visual inspection of distribution chambers   | Quarterly                                  |
| Visual inspection of surface condition of leaching field   | Quarterly                                  |
| Measurement of ground water level (MW No. 1, 2, 3, 4)  | Quarterly                                  |
| Depth of ponding in leaching field (MP No. 1, 2, 3, 4, 5, 6)   | Quarterly                                  |
| Mow grass over leaching field  | 3 times per year                           |
| <b>NOTE:</b><br>The Washington 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 Washington Director of Health. |  |

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ATTACHMENT 3

| <b>TABLE E<br/>GROUNDWATER MONITORING</b>                          |              |   |                    |
|--|--------------|---|--------------------|
| <b>DISCHARGE SERIAL NO. 301-A</b>                                  |              | <b>MONITORING LOCATION:</b><br>W-downgradient     |                    |
| <b>GROUND WATER MONITORING WELL NO.:</b><br>MW 1, MW 2, MW 3, MW 4 |              | <b>DESCRIPTION:</b> Downgradient monitoring wells |                    |
| <b>PARAMETER</b>   | <b>UNITS</b> | <b>MINIMUM FREQUENCY OF SAMPLING</b>              | <b>SAMPLE TYPE</b> |
| Groundwater Depth (Standard depth below grade)                     | Ft, in       | Quarterly   | Instantaneous      |

| <b>TABLE F<br/>GROUNDWATER MONITORING</b>                          |              |   |                    |
|--|--------------|---|--------------------|
| <b>DISCHARGE SERIAL NO. 301-A</b>                                  |              | <b>MONITORING LOCATION:</b><br>W-downgradient     |                    |
| <b>GROUND WATER MONITORING WELL NO.:</b><br>MW 5, MW 6, MW 7, MW 8 |              | <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 Phosphorus   | mg/l         | Quarterly   | Grab               |

**DATA TRACKING AND TECHNICAL FACT SHEET**

**PERMIT #:** UI0000365      **APPLICATION #:** 201200864

**DISCHARGER NAME AND ADDRESS DATA**

**Permittee:** The Gunnery, Inc.

**Mailing Address:**

Street: 99 Green Hill Road

City: Washington      ST: CT      Zip: 06793

**Contact Name:** Robert Ullram

**Location Address:**

Street: 99 Green Hill Road

City: Washington      St. CT      Zip: 06793

**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 X    NO

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

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

OTHER( )

**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 \$1,110.00

**DEEP STAFF ENGINEER/ANALYST**

Ramona Goode





compliance with the permit requirements and has not had an exceedance in total nitrogen limits over the past 12 months. The proposed permit will require biennial compliance audits to evaluate compliance with all permit terms and conditions.

**PROJECT HISTORY**

Application received on February 24, 2012.

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**NOTICE OF TENTATIVE DETERMINATION  
INTENT TO RENEW 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 renew a permit based on an application submitted by **The Gunnery, Inc.** ("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 continuance of the existing system to treat the discharge would protect the waters of the state from pollution and the Commissioner proposes to renew a permit for the discharge to the groundwaters in the Shepaug 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**

The Gunnery, Inc. presently discharges 30,000 gallons per day of domestic sewage to the groundwaters in the watershed of the Shepaug River from operations at a college preparatory boarding and day school.

The name and mailing address of the permit applicant are:

The Gunnery, Inc.  
99 Green Hill Road  
Washington, CT 06793

The activity takes place at:

The Gunnery  
99 Green Hill Road  
Washington, CT 06793

**REGULATORY CONDITIONS**

Type of Treatment

The college preparatory boarding and day school is served by a treatment process. The treatment process consists of a grease trap, septic tank, pump chamber, flow equalization tank and FAST wastewater treatment system. This system consists of denitrification treatment processes and ultraviolet disinfection.

Treated effluent is further renovated through a constructed lateral sand filter and discharged to a subsurface sewage disposal and treatment system.

#### Effluent Limitations

This permit contains effluent limitations consistent with case by case determination using criteria of best professional judgment and which will protect the waters of the state from pollution when all the conditions of this permit have been met.

#### Compliance Schedule

This permit contains an enforceable compliance schedule which requires the applicant to submit the results of a detailed permit compliance audit every two years.

### **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. 201200864                      PERMIT ID NO. UI0000365

Interested persons may obtain copies of the application from:

Buck & Buck, LLC  
Attn: William Aston  
98 Wadsworth Street  
Hartford, CT 06106  
(860) 527-2677

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, 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 and Equal Opportunity Employer that is committed to requirements of the Americans With Disabilities Act. To request an accommodation call 860-424-3194, or [deep.hrmed@ct.gov](mailto:deep.hrmed@ct.gov).

Oswald Inglese, Jr.  
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