Connecticut Department of
Energy & Environmental Protection
Bureau of Materials Management & Compliance Assurance
Water Permitting & Enforcement Division

GENERAL PERMIT FOR THE DISCHARGE OF HYDROSTATIC PRESSURE TESTING WASTEWATER

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GENERAL PERMIT FOR THE DISCHARGE OF HYDROSTATIC PRESSURE TESTING WASTEWATERS

PART I. AUTHORITY

This general permit is issued under the authority of Section 22a-430b of the Connecticut General Statutes, as amended by Public Act 91-263.

PART II. DEFINITIONS

The definitions of terms used in this general permit shall be the same as the definitions contained in section 22a-423 of the Connecticut General Statutes and section 22a-430-3(a) of the Regulations of Connecticut State Agencies. In addition, the following definitions shall apply:

"Registrant" means a person who or municipality which submits a complete registration in accordance with Part V of this general permit.

"Permittee" means any person who or municipality which initiates, creates, originates or maintains a discharge to the waters of the state which discharge is covered under this general permit in accordance with Part IV of this general permit.

"Site" means the same or geographically contiguous property which may be divided by public or private right(s)-of-way, provided the entrance and exit between the properties is at a cross-roads intersection, and access is by crossing as opposed to going along, the right(s)-of-way. Non-contiguous properties owned by the same person but connected by a right-of-way which the person controls and to which the public does not have access, is also considered the same site.

"Hydrostatic pressure testing" means to till a pipeline or tank with water and to monitor the pipeline or tank for the purpose of testing structural integrity. Testing may be carried out with or without the application of external pressure to the water in the pipeline or tank.

"Hydrostatic pressure testing wastewater" means waters used to test the structural integrity of new tanks and pipelines, and tanks and pipelines which have been used to hold or transfer drinking water, sewage, or natural gas.

"Maximum Instantaneous Flow" means the maximum flow at any time as measured in gallons per minute.

PART III. FEES

A. The following fees shall be paid with the registration required by Part V of this general permit. Where registration by submission of a Notice of Coverage is required, the fee shall be $625.00 for any person and $312.50 for any municipality. Where registration by submission of a Notice of Intent is required, the fee shall be $1250.00 for any person and $625.00 for any municipality. On and after January 1, 1993, registration and annual fees shall be paid in accordance with applicable regulations, including but not limited to Sections 22a-430-6 and 22a-430-7 of the Regulations of Connecticut State Agencies.

B. The fee shall be nonrefundable and shall be paid by certified or bank check payable to the Department

of Energy and Environmental Protection. The check shall state on its face, "Water Management Permit Fee."

PART IV. COVERAGE UNDER THIS GENERAL PERMIT

A. Conditions for Eligibility

This general permit covers only discharges comprised solely of hydrostatic pressure testing wastewaters as defined above, provided that the following conditions are met prior to coverage under this general permit.

1. The discharge is not covered by a valid individual permit issued under section 22a-430 of the Connecticut General Statutes.

2. All discharges of hydrostatic pressure testing wastewaters used to test pipelines or tanks which have most recently been used to hold domestic sewage are discharged to a POTW.

3. Each permittee shall remove the maximum extent of all solid and liquid substances, including scale, soil and any residues from materials previously contained in the tank or pipeline, prior to any hydrostatic pressure testing, using the following practices at a minimum:

   a. for all pipelines: cleaning with either compressed air, high pressure water spray, or both;
   b. for natural gas pipelines: cleaning with compressed air and with cleaning pigs designed for such pipelines;
   c. for all used tanks: cleaning with compressed air, high pressure water spray, or both.

4. No chemicals are added after it enters the site, to any water used for hydrostatic pressure testing or to the tanks or pipelines which are being tested.

5. No effluent limitation, standard or guideline adopted by the U.S. Environmental Protection Agency under the Federal Clean Water Act is applicable to the discharge.

6. A registration has been submitted in accordance with the provisions of Part V of this general permit and includes all information specified therein, and for all discharges resulting from the hydrostatic pressure testing of natural gas pipelines, the Commissioner has notified the registrant that coverage under this general permit has been approved.

7. All required fees have been paid to the Commissioner.

8. For discharges within the coastal boundary as defined in Section 22a-94 of the Connecticut General Statutes, the discharge does not involve construction that has not previously been determined by the Commissioner to be consistent with all applicable goals and policies in Section 22a-92 of the Connecticut General Statutes.

Any discharge of water, substance or material into the waters of the State other than one specified in the foregoing is not authorized by this general permit, and any person who or municipality which initiates, creates, originates or maintains such a discharge must apply for and obtain an individual permit under Section 22a-430 of the General Statutes.

B. Geographic Area.

This permit covers all areas of the State of Connecticut.

C. Effective Date and Expiration Date

This permit is effective March 30, 2016 and expires on March 29, 2017.

D. Effective Date of Coverage

For those persons and municipalities required to submit a Notice of Coverage under Part V of this general permit, the effective date of coverage for a particular registrant under this general permit is the date a registration which meets the requirements of Part V below is received by the Commissioner. For those required to submit a Notice of Intent to be Covered, the effective date of coverage for a particular registrant under this general permit is the date established by the Commissioner in any approval of the registration submitted under Part V below.

E. Effect of Disapproval of Registration

Any disapproval of a registration by Notice of Intent to be Covered submitted pursuant to this general permit shall constitute notice to the registrant that an individual permit must be applied for and obtained under Section 22a-430 of the General Statutes prior to the initiation, creation, origination or maintenance of the discharge which was the subject of the disapproval.

F. Issuance of an Individual Permit

Under Section 22a-430b of the General Statutes, when an individual permit is issued to a person or municipality otherwise covered by this permit, the applicability of this general permit as it applies to the individual permittee is automatically terminated on the effective date of the individual permit.

PART V. REGISTRATION REQUIREMENTS

A. Duty to Register

Any person who or municipality which initiates, creates, originates or maintains a discharge described in paragraph IV.A of this general permit shall register for coverage under this general permit by submitting a Notice of Coverage except for those discharging from hydrostatic pressure testing of natural gas pipelines, who shall submit a Notice of Intent to be Covered. If the facility or activity for which a registration is submitted under this general permit is owned by one person or municipality but is leased or in some other way the legal responsibility of another person or municipality (the operator), the operator is responsible for submitting the registration required by this general permit. The permittee is responsible for compliance with all conditions of this general permit.

Registrants under this general permit whose registration expired March 29, 2016 are not required to renew their registration for the one year extension to March 29, 2017.

B. Scope of Registration

A registrant may only include on a registration those discharges which are operated by such registrant on one site. A registrant may not submit more than one registration per site under this permit.

C. Contents of Registration

The Notice of Coverage and Notice of Intent to be Covered shall be submitted on forms prescribed by the Commissioner and shall include but not necessarily be limited to the following information.

1. Location address, if any, of the discharge(s) for which the registration is submitted.

2. Name, address, and telephone number of the person who or municipality which initiates, creates, originates or maintains the discharge and of the person or municipality which owns the facility. If such person(s) is a corporation transacting business in Connecticut, include the exact name as registered with the Connecticut Secretary of the State.

3. The name of the category of discharge for which the registration is submitted.

4. The total volume, maximum daily flow (gallons per day), maximum instantaneous flow (gallons per minute) and the duration of each discharge of hydrostatic pressure testing wastewaters to be discharged at the site addresses listed under paragraph C.1. above, or, if no site address is listed above, at the location identified under paragraph C.5. below.

5. For discharges to surface waters or to ground waters, an 8 1/2”xll” copy of the applicable section of the United States Geological Survey quadrangle map, with a scale of 1:24,000, showing the exact location of the discharge, and including the name of the USGS map.

6. The method of determining the receiving water’s ambient flow rate at the time of discharge, including but not limited to identification of the source(s) of all information used in such determination.

7. The following certification, signed by an independent professional engineer not in the regular employ of the registrant or permittee, licensed to practice in Connecticut:

   “I certify that in my professional judgement, proper operation and maintenance of any systems installed to treat the discharge(s) which are the subject of this registration will insure that all effluent limitations and other conditions in the general permit for hydrostatic pressure testing wastewaters issued on June 11, 1992 are met, or, if there is no treatment system for such discharge(s), that the discharges(s) will meet all effluent limitations and conditions of this general permit without treatment. This certification is based on my review of engineering reports and plans and specifications describing (1) the proposed activities and (2) any proposed treatment facilities for the wastewaters to be discharged. I am aware that there are significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements.”

For discharges to surface waters, the professional engineer shall also certify as follows: "I further certify that in my professional judgement, the erosion controls to be included on the project that is

the subject of this registration are adequate to prevent erosion and discoloration of the receiving water body in accordance with the provisions of this general permit."

D. Signature of Registrant

Any person who or municipality which submits a registration under this general permit shall sign the registration and shall make the following certification:

"I certify under penalty of law that I have read and understand all conditions of the general permit for hydrostatic pressure testing wastewater discharges issued on March 30, 2016, and that all conditions for eligibility for coverage under this general permit are met. This document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained in this registration is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements."

E. Where to submit a Registration

Persons who or municipalities which submit a registration under this general permit shall submit such registration to the Department of Energy and Environmental Protection at the following address:

Department of Energy and Environmental Protection
Central Permit Processing Unit
79 Elm Street, Hartford, CT 06106-5 127

For any discharge to a POTW, a copy of each registration shall be sent to the POTW which will receive the discharge.

F. Transfer of Coverage

Any coverage under this general permit shall be non-transferrable.

G. Failure to Register

Any person or municipality who fails to submit a registration, and who initiates, creates, originates or maintains a discharge of hydrostatic pressure testing wastewater to the waters of the State without coverage under this general permit, except those covered by an individual permit issued under Section 22a-430 of the Connecticut General Statutes, is in violation of the Connecticut General Statutes, and is subject to injunction and penalties of up to $25,000 per day per violation under Chapter 446k of the Connecticut General Statutes.

PART VI. TREATMENT AND CONTROL REQUIREMENTS; BMPs; OTHER SPECIAL CONDITIONS

A. Discharges to a Surface Water Body

1. All hydrostatic pressure testing wastewater discharging directly to a surface water body shall be provided with controls to prevent erosion and discoloration of the receiving water body and to dissipate energy prior to discharge.

2. In the case of flowing surface waters, the maximum instantaneous flow shall not exceed 10% of the surface water's ambient flow rate. For all other surface waters, the total volume of discharge of hydrostatic pressure testing wastewater to surface waters, shall not exceed 1% of the total volume of the receiving water body.

3. The discharge shall not cause visible discoloration or foaming in the receiving waters.

4. The discharge shall not contain a visible oil sheen or floating solids.

5. When surface waters are used for test water, the intake point of the pipe used to draw the test water from the surface water shall be located at a depth no greater than one-half the total depth of the water column.

B. Discharges to a POTW via a Sanitary Sewerage System.

All discharges of hydrostatic pressure testing wastewater to a POTW shall comply with the flow rate limitation established by the receiving municipality, and be discharged during the hours required of the discharger by the receiving municipality. In any case, the discharge shall not exceed one per cent of the design flow of the POTW.

PART VII. EFFLUENT LIMITATIONS

1. Pollutants in discharges of hydrostatic pressure testing wastewaters shall not exceed the maximum concentrations listed below except in the case of discharges into the same water body from which the test water is drawn, in which case the concentration in the source water shall not be increased by more than such values.

Parameter	**Discharge to a Sanitary Sewer**	**Discharge to a Surface Water Body**
Chlorine, Total Residual	no limit	0.05 mg/l
Oil and Grease, Total	50.0 mg/l	10.0 mg/l
Suspended Solids, Total	100.0 mg/l	45.0 mg/l

2. The pH of the discharge shall not be less than 6.0 or greater than 9.0 at any time, unless the discharge is into the same water body from which the test water is drawn, and the pH of the source water is less

than 6.0 or greater than 9.0, in which case the pH of the discharge shall be no more than 0.5 standard pH units greater or less than the source water.

PART VIII. MONITORING AND REPORTING REQUIREMENTS

A. Monitoring Parameters

Hydrostatic pressure testing wastewaters shall be analyzed for Chemical Oxygen Demand, total daily flow, maximum instantaneous flow, total iron, and all parameters listed under Part VII above, including pH. In addition, discharges of hydrostatic pressure testing wastewaters from pipelines and tanks which have been used to transport or hold natural gas shall be analyzed for polynuclear aromatic hydrocarbons.

B. Monitoring Location

All wastewater samples shall be comprised only of hydrostatic pressure testing wastewater, and shall be taken prior to combination with wastewaters of any other type. All samples taken shall be representative of the discharge during standard operating conditions.

C. Monitoring Frequency

1. Each time hydrostatic pressure testing wastewaters are discharged, at least two grab samples shall be taken. One grab sample shall be taken during the first 10% of the time the discharge is expected to continue, and one grab sample shall be taken during the last 10% of the time the discharge is expected to continue.

2. Each time hydrostatic pressure testing wastewaters are discharged, a grab sample for the purpose of monitoring pH shall be taken when the discharge commences and every four hours thereafter until the discharge ends.

D. Record Retention

Except as provided below, or as otherwise specified by the Commissioner, all analytical results required under this general permit shall not be required to be submitted to the Commissioner but instead shall be retained at the facility as required by Regulations of Connecticut State Agencies Section 22a-430-(j)(9)(B), and shall be made available to the Commissioner immediately upon request.

PART IX. RECORDING AND REPORTING OF VIOLATIONS

A. If any analytical results or monitoring data collected under this general permit, or any other information, indicate that a violation of an effluent limitation or any other condition of this general permit has occurred, such violation shall be recorded within twenty-four hours in a log which contains at least the following information:

   1. the condition(s) or effluent limitation(s) violated;

2. the analytical results and information demonstrating such violation(s);

3. the cause of the violation(s);

4. period of noncompliance including exact dates and times;

5. if the noncompliance has not been corrected, the anticipated time it is expected to continue, and, upon correction, the date and time of correction;

6. steps taken and planned to reduce, eliminate and prevent a recurrence of the noncompliance, and the dates such steps are executed;

7. the name and title of the person recording the information and the date and time of such recording.

B. The permittee shall comply with both of the following requirements if analytical results, monitoring data or other information indicate (1) three simultaneous or consecutive violations of the same or different conditions of this general permit (e.g. three effluent limitation violations involving the same or different effluent limitations, or one effluent limitation violation, one flow violation, and one recording violation), (2) four violations of the same or different conditions of this general permit in any consecutive twelve month period, or (3) the exceedance of any effluent limitation, other than that for pH, by more than one standard unit:

1. Within 20 days after the third simultaneous or consecutive, or fourth annual violation, as applicable, or within 20 days after the exceedance of any effluent limitation, other than that for pH, by more than two hundred per cent, and for pH by more than one standard unit, the permittee shall submit to the Commissioner a report prepared by an independent professional engineer not in the regular employ of the registrant or permittee, licensed to practice in Connecticut. Such report shall contain at least the information required to be recorded under paragraph A of this Part for each of the violations which led to the requirement for such report, and for each subsequent violation which occurred prior to the date the report was completed.

2. Within 60 days after the deadline for submitting the report specified in the preceding paragraph, the permittee shall submit to the Commissioner the following certification signed by an independent professional engineer not in the regular employ of the registrant or permittee, licensed to practice in Connecticut:

   "I certify that in my professional judgement all discharge(s) which are maintained at the facility referenced herein and which are covered under the general permit for hydrostatic pressure testing wastewaters issued on June 11, 1992 comply with all conditions of said general permit, including but not limited to all effluent limitations in Part VII of said general permit, and proper operation and maintenance of any systems installed to treat such discharge(s) will insure that all effluent limitations and other conditions in said general permit are met, or if there is no treatment system for such discharge(s), that the discharge(s) will meet all effluent limitations and conditions of said general permit without treatment. This certification is based in part on my review of analyses of a minimum of three effluent samples collected, preserved, handled and analyzed in accordance with 40 CFR Part 136, which samples were representative of the discharge during standard operating conditions, were taken in the previous year, at least one week apart, and were of the type(s) specified in Part VIII.C. of said general permit, and were analyzed for the parameters specified in

Part VIII.A. of said general permit. I am aware that there are significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statement."

3. For any discharge to a POTW, a copy of any report required to be submitted under this section, shall also be sent to the POTW which receives the discharge.

PART X. GENERAL CONDITIONS

A. The permittee shall comply with the following Regulations of Connecticut State Agencies which are hereby incorporated into this general permit, as if fully set forth herein:

1. Section 22a-430-3:

   Subsection (b) General - subparagraph (l)(D) and subdivisions (2), (3), (4) and (5)
   Subsection (c) Inspection and Entry.
   Subsection (d) Effect of a Permit - subdivisions (1) and (4)
   Subsection (e) Duty to Comply
   Subsection (f) Proper Operation and Maintenance
   Subsection (g) Sludge Disposal
   Subsection (h) Duty to Mitigate.
   Subsection (i) Facility Modifications, Notification - subdivisions (1) and (4)
   Subsection (j) Monitoring, Records and Reporting Requirements - subdivisions (l), (6), (7), (8), (9) and (11) [except subparagraphs (9)(A)(2)) and (9)(C)]
   Subsection (k) Bypass
   Subsection (m) Effluent Limitation Violations
   Subsection (n) Enforcement.
   Subsection (o) Resource conservation
   Subsection (p) Spill prevention and control
   Subsection (q) Instrumentation, Alarms, Flow Recorders
   Subsection (r) Equalization

2. Section 22a-430-4

   Subsection (t) - Prohibitions
   Subsection (p) - Revocation, Denial, Modification
   Appendices

B. The permittee shall comply with the following additional terms and conditions:

1. The general permittee is authorized to discharge (A) pollutants in quantities and concentrations as specified in this general permit; and (B) any substances resulting from the processes or activities covered by this general permit in concentrations and quantities which the commissioner determines cannot reasonably be expected to cause pollution and will not adversely affect the operation of a POTW. However, the commissioner may seek an injunction or issue an order to prevent or abate pollution, and may seek criminal penalties against a general permittee who willfully or with criminal negligence causes or threatens pollution.

2. Discharge of any substance which does not result from the processes or activities covered by this general permit shall be considered a violation of this general permit unless it is authorized by an individual permit issued under Section 22a-430 of the General Statutes.

C. The permittee shall at all times continue to meet the conditions for eligibility set forth in Part IV of this general permit.

D. Within fifteen days after the date the registrant or permittee becomes aware of a change in any information submitted to the Commissioner in a registration or pursuant to this general permit, or that any such information was inaccurate or misleading or that any relevant information was omitted, the registrant or permittee shall submit the correct or omitted information in writing to the Commissioner.

E. Nothing in this general permit shall relieve the registrant or permittee of other obligations under applicable federal, state and local law.

F. Any document, including but not limited to any notice, which is submitted to the commissioner under this general permit shall be signed by, as applicable, the registrant or the permittee in accordance with section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies, and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows:

   "I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute."

G. Any false statement in any information submitted pursuant to this general permit may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

Issued Date: _____ _____

Michael Sullivan
Deputy Commissioner