

TOWN OF STONINGTON

WATER POLLUTION CONTROL AUTHORITY

RULES AND REGULATIONS

As Approved on

June 29, 1972

And Adopted on

July 20, 1972

Revisions: September 17, 1974
 February 20, 1975
 March 24, 1988
 November 1, 1992
 May 31, 1994
 July 3, 1995
 January 22, 1996
 May 23, 1997
 July 28, 2004
 March 26, 2008
 May 28, 2014
 February 27, 2018

Note: On October 19, 1978, the Stonington Sewer Authority was changed to the Stonington Water Pollution Control Authority.

TABLE OF CONTENTS

ARTICLE	TITLE	PAGE
I	INTENT	1
II	DEFINITIONS	1
III	USE OF PUBLIC SEWERS	4
IV	USE OF PUBLIC SEWERS REQUIRED	9
V	PRIVATE SEWAGE DISPOSAL	11
VI	BUILDING SEWERS AND CONNECTION	12
VII	PROTECTION FROM DAMAGE	17
VIII	POWERS AND AUTHORITY OF DIRECTOR	18
IX	PENALTIES	19
X	VALIDITY	19
XI	RULES AND REGULATIONS IN FORCE	20
XII	HOOKUPS	21
XIII	SEPTAGE DISPOSAL	26
XIV	MARINE BOAT PUMP SYSTEMS	27

ARTICLE I
INTENT

In order to insure the proper removal and disposal of sewage and waste waters within the Town of Stonington and environs discharging into the public sewer system of Stonington; to insure the proper operation and maintenance and the protection of the sewage works of the Town of Stonington; and to provide for the keeping of adequate records and for the reasonable and proper supervision of the use and operation of such sewage works of the Town of Stonington these rules and regulations are enacted, regulating and controlling the substances which may be discharged directly or indirectly into the public sewers and sewage works of the Town of Stonington and regulating and providing for the construction and maintenance of inspection, protective and treatment devices and facilities.

ARTICLE II
DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of terms used these rules and regulations shall be as follows:

- 2.01 “BOD” (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five days at 20°C, expressed in milligrams per liter (mg/l). The determination of BOD shall be in accordance with procedures set forth in “Standard Methods”.
- 2.02 “Building Drain” shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five feet from the inner face of the building wall.
- 2.03 “Building Sewer” shall mean the extension from the building drain to the public sewer or other place of disposal.

- 2.04 “COD” (denoting Chemical Oxygen Demand) shall mean the measure of the oxygen equivalent, expressed in milligrams per liter (mg/l) of that portion of the organic matter in a sample that is susceptible to oxidation in accordance with procedures set forth in “Standard Methods”.
- 2.05 “Chlorine Requirement” shall mean the amount of chlorine, in milligrams per liter, which must be added to produce a specified residual chlorine content, or to meet the requirements of some other objective, in accordance with procedures set forth in “Standard Methods”.
- 2.06 “Combined sewer” shall mean a sewer receiving both surface runoff and sewage.
- 2.07 “Contractor” shall mean an individual, partnership, or corporation to whom the State of Connecticut or its authorized agent shall have issued a license as such to install and repair sewers and building sewers during the period which such license is valid and the proper agents and representatives of such Contractor.
- 2.08 “Director” shall mean the Director of Water Pollution Control of the Town of Stonington or his authorized deputy, agent, or representative.
- 2.09 “Garbage” shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food and from the handling, storage, and sale of produce.
- 2.10 “Industrial Wastes” shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary sewage.
- 2.11 “Inspector” shall mean an agent or employee of the Town of Stonington assigned by the Water Pollution Control Authority to examine and test material and work furnished by a contractor, to observe the construction of a building sewer or any part thereof. Inspectors shall have no power to waive any part of these rules and regulations.
- 2.12 “Natural Outlet” shall mean any outlet into a watercourse, pond, ditch, lake or other body of surface or groundwater.
- 2.13 “Owner” shall mean the person or persons having title to the property to be served by a sewer.
- 2.14 “Person” shall mean any individual, firm, company, association, society, corporation or group.
- 2.15 “pH” shall mean the logarithm of the reciprocal of the weight of hydrogen ions in milligrams per liter of solution.

- 2.16 “Properly Shredded Garbage” shall mean the wastes from the preparation, cooking, and dispensing of food that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half inch in any dimension.
- 2.17 “Public Sewer” shall mean a sewer in which all owners of abutting properties have equal rights, and is controlled by public authority.
- 2.18 “Sanitary Sewer” shall mean a sewer which carries sewage and to which storm, surface, and groundwater are not intentionally admitted.
- 2.19 “Sewage” (also termed “Wastewater”) shall mean domestic sewage consisting of water and human excretions or other waterborne wastes incidental to the occupancy of a residential building or a non-residential, as may be detrimental to the public health or the environment, but not including manufacturing process water, cooling water, waste water from water softening equipment, blow down from heating and cooling equipment, water from cellar or floor drains or surface water from roofs, paved surface or yard drains.
- 2.20 “Sewage Works” (sometimes termed Collection System) shall mean all facilities for collecting, pumping, treating, and disposing of sewage.
- 2.21 “Sewer” shall mean a pipe or conduit for carrying sewage.
- 2.22 “Sewer Authority” or “Water Pollution Control Authority” shall mean the Water Pollution Control Authority of the Town of Stonington or their authorized agent or representative. (Also see note on cover.)
- 2.23 “Shall” is mandatory; “May” is permissive.
- 2.24 “Slug” shall mean any discharge of water, sewage or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than 15 minutes more than five times the average 24 hour concentration of flows during normal operation.
- 2.25 “Standard Methods” shall mean the examination and analytical procedures set forth in the most recent edition or “Standard Methods for the Examination of Water, and Wastewater”, published jointly by the American Public Health Association, the American Water Works Association and the Water Pollution Control Federation.

- 2.26 “Storm Drain” (sometimes termed “Storm Sewer”) shall mean a pipe or conduit which carries storm and surface waters and drainage, but excludes sewage and industrial wastes, other than unpolluted cooling water.
- 2.27 “Suspended Solids” shall mean solids that either float on the surface of, or are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering.
- 2.28 “Town” shall mean the Town of Stonington, County of New London, State of Connecticut.
- 2.29 “Uncontaminated Cooling Water” shall mean process water in general used for cooling purposes which has such characteristics that it may be discharged to natural receiving waters in accordance with all Town, State and Federal Regulations.
- 2.30 “Watercourse” shall mean a channel in which a flow of water occurs, either continuously or intermittently.
- 2.31 “Water Pollution Control Facility” shall mean any arrangement of devices and structures used for treating sewage.

ARTICLE III

USE OF THE PUBLIC SEWERS

- 3.01 No person shall discharge or cause to be discharged any storm water, surface water, ground water, cellar drainage, roof runoff, subsurface drainage, or uncontaminated cooling water, or grease from a commercial facility to any sanitary sewer.
- 3.02 Storm water, uncontaminated cooling water, and all other unpolluted drainage shall be discharged to such pipes or conduits as are specifically designated as storm drain, or to an approved natural outlet approved by the Superintendent of Highways.
- 3.03 No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewer:

- (a) Any gasoline, kerosene, alcohol, formaldehyde, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas, or any solid, liquid, or gas which by interaction with other substances may cause fire or explosion hazards.
- (b) Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity either single or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant.
- (c) Any waters or wastes having a pH lower than 6.0 or greater than 9.0 having any other corrosive property capable of causing damage or hazard to the sewage works, or personnel of the sewage works.
- (d) Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage works such as but not limited to sand, mud, straw, shavings, metal, glass, rags, feathers, ashes, cinders, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, grease, milk containers, etc., either whole or ground by garbage grinders.

3.04 No person shall discharge or cause to be discharged the following described substances, materials, water, or wastes if it appears likely, in the opinion of the Water Pollution Control Authority, that such wastes can harm either the sewers, sewage treatment process or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming an opinion as to the acceptability of these wastes, the Authority will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The substances prohibited are:

- (a) Any liquid or vapor having a temperature higher than 150° F.
- (b) Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of 100 mg/l or containing substances which may solidify or become viscous at temperatures between 32 ° and 150° F.
- (c) Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths horsepower or greater shall be subject to review and approval of the Authority.

- (d) Any waters or wastes containing strong acids, pickling wastes, concentrated plating solutions and/or subsequent plating rinses whether neutralized or not.
- (e) Any waters or wastes which are listed as hazardous materials by the Environmental Protection Agency.
- (f) Any waters or wastes containing phenols or other taste-or odor producing substances, in such concentrations exceeding limits which may be established by the Authority as necessary, after treatment of the composite sewage, to meet the requirements of the State, Federal, or other public agencies.
- (g) Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Authority in compliance with applicable State or Federal Regulations.
- (h) Materials which exert or cause:
 - (1) Concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride, and sodium sulfate) in excess of 350 mg/l.
 - (2) Excessive discoloration (such as but not limited to dye wastes and vegetable tanning solutions).
 - (3) A BOD in excess of 300 mg/l or a COD in excess of 600 mg/l or a chlorine requirement in excess of 15 mg/l or in such quantities as to constitute a significant load on the wastewater plant.
 - (4) Unusual volume of flow or concentration of wastes constituting “slugs” as defined herein, including backwash from swimming pools.
- (i) Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
- (j) Privy, septic tank or cesspool wastes. However the Authority shall require haulers to discharge at a designated facility if one is developed within the Town or region.

3.05 If any waters or wastes are discharged, or are proposed to be discharged to the public sewers which waters contain the substances or possess the characteristics enumerated in Section 3.04 of the Article, and which is the judgment of the Water Pollution Control

Authority may have a deleterious effect upon the treatment plant or collection system, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Water Pollution Control Authority may:

- (a) Reject the wastes.
- (b) Require pretreatment to an acceptable condition for discharge, to the public sewers.
- (c) Require control over the quantities and rates of discharge and/or
- (d) Require payment to cover the added cost of handling and treating the wastes not covered by existing taxes or sewer charges under the provisions of Section 3.10.

If the Water Pollution Control Authority permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to review and approval of the Authority, and of the Department of Environmental Protection of the State of Connecticut, and subject to the requirements of all applicable codes, ordinances, and laws.

- 3.06 Grease, oil and sand interceptors shall be provided for all commercial establishments with cooking facilities or dishwashers, or any flammable wastes, sand, or other harmful ingredients; such interceptors may be required for private living quarters or dwelling units. All interceptors shall be located as to be readily and easily accessible for cleaning and inspection.
- 3.07 Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.
- 3.08 When required by the Authority, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole or manholes together with such necessary meters and other appurtenances in the control manholes to facilitate observation, sampling, and measurement of wastes. Control manholes shall be located and built in a manner acceptable to the Authority. If measuring devices, meters, and

other appurtenances are to be permanently installed they shall be of a type acceptable to the Authority. All sampling, measuring, and other procedures must be acceptable to and approved by the Authority. Control manholes, access facilities and all related equipment shall be installed by the person discharging the waste, at his expense, and shall be maintained by him at his expense so as to be in safe condition, accessible and in proper operating condition at all times. Plans for the installation of the control manholes, access facilities and related equipment shall be approved by the Authority prior to the beginning of construction.

- 3.09 All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in this article shall be determined in accordance with the latest edition of "Standard Methods" and shall be determined at control manhole provided, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards of life, limb and property. Suitable records shall be kept and reports made as required by the Authority. Such records shall be made available upon request by the Authority to other agencies having jurisdiction over discharges to the receiving waters.
- 3.10 No statement contained in this Article shall be construed as prohibiting any special agreement or arrangement between the Town and any person whereby a waste of unusual strength or character may be admitted to the sewage disposal works, either before or after pre-treatment provided that there is no impairment of the functioning of the sewage disposal works by reason of the admission of such wastes, and no extra costs are incurred by the Town without recompense by the person.
- 3.11 Any person proposing a new discharge into the system or a substantial change in the volume or character of pollutants that are being discharged into the system shall notify

the Director at least forty-five (45) days prior to such change or connection, by filing an application.

3.12 Applicants shall include the following:

- (a) Application form as provided by the Authority
- (b) Plan and profile sheet (scale 1" = 40' horizontal, 1" = 4' vertical), copy of site plan.
- (c) Copies of other Town, State or Federal applications required for the project.

3.13 Sewer extensions must comply with all Federal, State and local regulations, including but not limited to Plan of Development, Zoning, Coastal Area Management and Inland Wetlands regulations.

3.14 Where a property is divided by a sewer district line, the Authority, in its sole judgment, may adjust the sewer district line to include the property boundaries that were in existence on the date district lines were first created and drawn on that property. In adjusting the lines, the Authority will take into consideration, *inter alia*, the condition and extent of the sewers and the capacity for treatment, the amount of land being added, the condition of the existing sewer infrastructure, the intensity and type of development proposal and/or potential, and quality and quantity of the proposed or existing discharge. Where that portion of the property had not been assessed a benefit for the additional land, the property owner shall pay to the Authority such additional amount. The Authority may limit the district extension to a specific development proposal, and impose reasonable conditions on the development, including, but not limited to, flow quantity, quality and rate, off-site infrastructure improvements, on-site flow regulators such as holding tanks, traps, and pump stations.

A property owner may apply to the Authority to request such an adjustment. It shall be the property owner's burden to demonstrate to the Authority the first date on which the Authority created and drew the district line upon the property, and to demonstrate the location of the property boundaries as of that same date.

ARTICLE IV
USE OF PUBLIC SEWERS REQUIRED

- 4.01 It shall be unlawful to discharge to any natural outlet within the Town of Stonington, or any area under the jurisdiction of said Town, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of these regulations.
- 4.02 Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.
- 4.03 The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the Town and abutting on any street, alley or right-of-way in which there is now located or may in the future be located a public sewer of the Town, is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this regulation, within one hundred and eighty days (180) after date of official notice to do so, provided that said public sewer is within one hundred feet (100) of the property line.
- 4.04 Notwithstanding the provisions of section 4.03 requiring property owners to connect to the public sewer, such property owners may apply for and receive a three year extension of such connection upon compliance with the following:
- (a) The payment of a \$100.00 extension application fee; and
 - (b) Submission of written documentation that the existing subsurface disposal system has been pumped out and inspected within three years of the date of such application by an engineer, the health director, a septic pumping company, or

such agency as the WPCA deems appropriate, verifying that said system is in good working order; or

- (c) Submission of written documentation that said subsurface disposal system is an engineered system and that said system has not been in service more than seven years from the date of the issuance of the certificate of occupancy for the property;
- (d) Permanent exemptions from the hook-up obligation may be granted in those cases where the Authority finds that the property's unique characteristics would make it a hardship to connect to the system. The requirements for such permanent exemption would include the following:
 - 1. That the property comprise at least one acre in area;
 - 2. That the property's subsurface disposal system is proven to be in good working order and less than 15 years in age;
 - 3. That there may be subsurface impediments to connecting the property to the public sewer including such things as:
 - a. Large areas of ledge;
 - b. High water table;
 - c. Wetlands, streams; or
 - d. Excessive distances from the foundation of the house to the lateral.
- (e) In any of the above situations should the subsurface system fail at anytime after the approval of the exemption or extension, then connection to the sewer system must be made within 90 days of the official notice to do so;
- (f) Exemption to the connection requirement of section 4.03 may be granted if the structure on the subject property is uninhabitable. A structure shall be deemed

uninhabitable if it has no electrical power or such electrical power is disconnected on a permanent basis and it has no operable heating system and it does not have a water supply. If in the future such structure is occupied, then in that event, it will be required to be connected to the public sewer in accordance with section 4.03.

- 4.05 In granting new connections, new uses that significantly increase flow or alter the discharge type, in addition to a connection charge the Authority may condition a connection upon the Developer providing reasonable on and off-site conditions, including, but not limited to, infrastructure improvement, holding tanks, traps, pump station upgrades, and sewerage lining.

ARTICLE V
PRIVATE SEWAGE DISPOSAL

- 5.01 Where public sewer is not available under the provisions of Article IV, the building sewer shall be connected to a private sewage disposal system complying with the provisions of the Public Health Code of the State of Connecticut and approved by the Director of Health or his agent.

ARTICLE VI
BUILDING SEWERS AND CONNECTION

- 6.01 No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Director.
- 6.02 The owner or his agent shall make application on a special form furnished by the Authority. The permit application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the Director. A permit and inspection fee of \$150.00 for a building sewer permit shall be paid to the Town at the time the application is filed.
- 6.03 All costs and expense incidental to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the Town and the Water Pollution Control Authority from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.
- 6.04 A separate and independent building sewer shall be provided for every building; except where one building stands at the rear of another on any interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer if approved by the Water Pollution Control Authority. This section shall not preclude the Water Pollution Control Authority entering into agreements for community septic systems.
- 6.05 The contractor shall furnish the information requested herein by the Water Pollution Control Authority before installing or doing any work on building sewers and shall hold a valid license appropriate to the work being done as required by the State of Connecticut Occupational Licensing Boards. The Town filing fee shall be \$10.00 per year. The Contractor shall be protected by and shall pay the premium on policies of insurance

coverage for Public Liability insuring him against liability to persons outside of his employ, in the minimum amounts of \$250,000/\$500,000; Property Damage \$25,000/\$50,000, said policies to be issued by an insurance company licensed in the State of Connecticut. Special coverage for blasting shall be provided when needed. All insurance policies shall designate the Town of Stonington, Water Pollution Control Authority and its agents as assureds. The Contractor shall also carry Workmen's Compensation Insurance in the amount of statutory limits. Certificates of insurance shall be provided to the Water Pollution Control Authority.

- 6.06 All work performed under the provisions of these rules shall be subject to inspection by authorized representatives of the Water Pollution Control Authority. No work shall be backfilled or otherwise covered until inspected. The Contractor shall schedule his work so that inspections can be made during the hours of 8:30 a.m. to 4:00 p.m. weekdays, and shall notify the Director's Office staff 48 hours prior to commencement of work. Arrangements shall be made in advance with the Director when inspections are to be made outside the above hours and the Contractor shall pay for any overtime inspection costs. It is the responsibility of the Contractor to notify the Director when inspections are to be made. Inspections will be scheduled at the Contractor's convenience as far as possibly consistent with inspections of work or other contractors. The Water Pollution Control Authority may charge an inspection fee not to exceed \$1,000 – for large commercial and residential projects. The fee is to be paid prior to the start of on site work. The Authority may require the posting of a performance bond to insure all approved work in completed to specifications.
- 6.07 All applicable laws, regulations, Building Codes, Public Health Codes, safety requirements and other rules pertaining to any part of the work of construction connections to the Town sewer shall be observed.
- 6.08 If any excavation is to be made in a Town street, all required permits and bonds shall be obtained from the Superintendent of Highways.

- 6.09 Work on building sewers shall proceed from the sewer toward the structure involved.
- 6.10 Trenching shall proceed in accordance with good practice. The trench shall be of ample width at the bottom to accommodate the pipe to be placed.
- 6.11 When sheeting is necessary to insure proper installation and safety of personnel, the public, or property, the Contractor shall furnish and place such sheeting in accordance with good practice.
- 6.12 Where water is encountered in a trench sufficient sumps shall be constructed and adequate pumping equipment made available so that the installation of any building sewer or appurtenance shall be done in the dry. In no event shall water be allowed to enter the sewer or building sewer from the trench.
- 6.13 If at anytime during excavation the material being excavated is in the opinion of an Inspector not suitable for backfill, such material shall be removed from the site. Unsatisfactory material shall include, but not limited to, boulders, clay, muck, and frozen ground.
- 6.14 When the material at the base of a trench is unsuitable as a foundation for the sewer pipe such material shall be removed and replaced with crushed stone or gravel not containing pieces larger than one and one-half (1½) inches in diameter. If an excavation is deeper than the desired depth, the trench shall be brought to grade with crushed stone or gravel not containing pieces larger than one and one-half (1½) inches in diameter.
- 6.15 Pipe materials as specified below are acceptable for construction of sewers, subject to all requirements herein. Building sewers shall be not less than four inches in diameter, collector pipes shall be not less than 8 inches in diameter, force mains must be a minimum of 2 inches in diameter and shall be laid to the following grades:
- (a) 4 inch not less than ¼ inch per foot.
 - (b) 5 inch or greater not less than 1/8 inch per foot.

- 6.16 Sewers shall be laid in a straight line and to a uniform grade where possible.
- 6.17 Portion of sewers within 75 feet of a well shall be of extra heavy cast iron, but no portion of any such sewer shall be located within 25 feet of a well.
- 6.18 Each sewer shall be first connected to the Town sewer or the building sewer which has been constructed to the owner's curb line and then be extended toward the structure to be served.
- 6.19 All pipe must be cleaned before placing. Collector lines must be air tested and approved by the inspector prior to acceptance by the Water Pollution Control Authority.
- 6.20 Changes in alignment shall be made only with properly curved fittings. Fittings greater than 1/8 bends shall not be used.
- 6.21 Cleanouts or manholes shall be installed at no greater than one hundred foot intervals in long sewers. Manhole covers must conform to Water Pollution Control Authority specifications.
- 6.22 All joints shall be properly made in the manner recommended by the manufacturer of the pipe being used to eliminate all sources of leakage. The Water Pollution Control Authority may require licking and or water tight manhole covers. In addition the Authority may require sewer guards in areas with poor surface drainage.
- 6.23 When connecting pipes of dissimilar size and/or material, suitable adapters made for the purpose and approved by the inspector shall be used.
- 6.24 The Water Pollution Control Authority may require that ownership of privately built pump stations be conveyed to the Town.

- 6.25 Under no circumstances shall backfill be permitted around and over the building sewer pipe until the pipe, joints, alignment, elevations and workmanship have been inspected and approved by the Inspector.
- 6.26 Each installed building sewer shall be covered with hand-placed sand or gravel approved by the Inspector, to a depth of at least one foot over the pipe prior to backfilling the remainder of the trench.
- 6.27 The Contractor shall be responsible for the satisfactory compaction of the backfill material so as to avoid excessive future settlement.
- 6.28 All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, pathways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Town.
- 6.29 At the time of installing the building sewer it shall be the responsibility of the Contractor to investigate the existing plumbing and disconnect all unauthorized connections. Roof drains, yard drains, cellar drains, cooling water, and all other sources of water other than sanitary sewage and authorized industrial waste cannot be accepted into Town sanitary sewers and must be disposed of by other approved means. The Contractor shall be prepared to demonstrate to the Inspector that all such unauthorized connections have been properly diverted.
- 6.30 Within 10 days following connection of each house or other structure to the Town sewage system, the existing septic tank, cesspool and/or drywell shall be treated as herein provided. Contents of each tank shall be completely pumped out by a contractor licensed for septic tank pumping and disposed of in an approved manner. Each tank shall then be filled completely with soil which shall be compacted while being placed so as to prevent voids in the fill material.

- 6.31 When the building sewer will connect to a building having no provision for venting the plumbing system or to what in the opinion of the Inspector is an inadequately vented system, a house trap with cleanouts and an air vent shall be installed in accordance with the State of Connecticut Basic Building Code.
- 6.32 Failure of a Contractor to comply with any of the Rules and Regulations shall be cause for the Authority not issuing further permits to him for installing building sewers.

ARTICLE VII
PROTECTION FROM DAMAGE

- 7.01 No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy uncover, deface, or remove a manhole cover, tamper with any structure, appurtenance, or equipment which is a part of the sewage works. No person shall deposit in any sewer manhole or appurtenance refuse of any kind. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

ARTICLE VIII
POWERS AND AUTHORITY OF THE DIRECTOR

- 8.01 The Director and other duly authorized employees of the Town, bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of these regulations. The Director or his representatives shall have no authority to inquire into any process including metallurgical, chemical, oil, refining, ceramic, paper or other industries, beyond that point having a direct bearing on the kind of source of discharge to the sewers or waterways or facilities for waste treatment.

- 8.02 While performing the necessary work on private properties referred to in Section 8.01, above, the Director or duly authorized employees of the Town shall observe all safety rules applicable to the premises established by the Company and the Company shall be held harmless for injury or death to the Town employees and the Town shall indemnify the company against loss or damage to its property by Town employees and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions as required in Article III, Section 3.08.
- 8.03 The Director and other duly authorized employees of the Town, bearing proper credentials and identification shall be permitted to enter all private properties through which the Town holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

ARTICLE IX

PENALTIES

- 9.01 Any person found to be violating any provision of these rules and regulations, except Article VII, shall be served by the Town with written notice stating the nature of the violation and providing a reasonable time limit, not to exceed ten days, for the satisfactory correction thereof. The offender shall within the period of time stated in such notice permanently cease all violations.
- 9.02 Any person who shall continue any violation beyond the time limit provided for in Section 9.01 or who violates the provisions of Article VII shall be guilty of a

misdemeanor, and on conviction, thereof, shall be fined in the amount not exceeding \$100 dollars for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

- 9.03 Any person violating any of the provisions of this Article shall become liable to the Town for any expense, loss, or damage occasioned the Town by reason of such violation.

ARTICLE X VALIDITY

- 10.01 All articles or parts of articles, if any, in conflict herewith are hereby repealed.
- 10.02 If any section, clause, sentence or provision of these rules and regulations shall be adjudged invalid or unenforceable, such adjudication shall not effect the validity of any other provisions shall be deemed valid and effective and shall remain in full force and effect.

ARTICLE XI RULES AND REGULATIONS IN FORCE

- 11.01 These rules and regulations shall be in full force and effect from and after the date adopted by the Water Pollution Control Authority.

ARTICLE XII
HOOKUPS

- 12.01 These rules shall apply to any sewer connection made following the sewer benefit assessment date of April 1, 1980, except that nothing herein shall apply to connections made to property receiving a sewer benefit assessment as of April 1, 1980 unless new buildings or structures have been, or are proposed to be, constructed on the property, or existing buildings expanded since that date; nor shall it apply to single dwellings constructed on property carrying a deferred assessment from April 1, 1980 sewer benefit assessment.
- 12.02 A request to the Director for a letter stating that any proposed development can be issued a permit for connection, shall be accompanied by a check in the amount required by the Director which amount shall be estimated cost of necessary engineering study required to answer the request. The applicant shall be refunded any excess of deposit over actual cost to the Authority and will be billed for any additional cost over the amount of the deposit.
- 12.03 No sewer construction work shall be started until complete plans and specifications have been approved by the Director. A submittal of plans and specifications shall be accompanied by a Water Pollution Control Authority application and check in the amount required by the Director, which amount shall be estimated cost of necessary engineering study required to answer the request. The applicant shall be refunded any excess of deposit over actual cost of the Authority and will be billed for any additional cost over the amount of deposit.
- 12.04 All sewer construction required to connect any proposed development shall be constructed in accordance with Town of Stonington sewer construction specifications which shall be determined and modified as necessary by the Director.

- 12.05 All work performed under the provisions of these rules shall be carried out only in the presence of the construction inspector designated by the Director.
- 12.06 Within 30 days following completion of construction, the owner shall furnish the Authority with a completed set of as-built drawings in the form of plan and profile 1" = 4' vertical and 1" = 40' horizontal. Sheets shall be no larger than 24" x 36". For this purpose the Director may require that marked up prints showing construction information be furnished periodically. If suitable drawings are not received within 45 days following completion of construction, the Authority may arrange to have such drawings prepared at the owner's expense.
- 12.07 The Authority may enter into an agreement to reimburse the owner for the original construction cost of sewers built by the owner or for the proportional cost of increased capacity sewers built at the request of the Authority to serve other existing or future areas. The basis and amount of the reimbursement cost will be determined by the Authority prior to the start of construction and any increased cost shall be only as approved by the Authority. The owner shall not receive reimbursement from the Authority unless all steps in bidding, contracting the construction are approved by the Authority.

Payment to the owner by the Authority will not be made until the Town indicates need for the sewer; has authorization for it; and has funds appropriated for it. The Authority will not pay interest or escalation on the original cost of the sewer construction and the amount of the reimbursement cannot be credited to any assessment or hook-up charge.

As part of the reimbursement agreement, the Authority will establish, in writing, a statement clearly defining any sewers to be accepted by the Authority and maintained by the Authority. All others constructed by the owner are to be maintained and operated by the owner and succeeding owners.

12.08 Prior to being issued a sewer construction permit, the owner shall enter into acceptable operating agreement with the Authority. As a minimum, the agreement is to provide the following:

That:

- (1) The owner shall maintain, at his expense, all sewers and appurtenances, other than those accepted by the Authority.
- (2) If the owner fails to do so and the Authority is put to any expense as a result, the Authority shall be reimbursed by the owner.
- (3) If required by the Authority, the owner shall establish a maintenance escrow account. Size and operation of any such fund to be as required by the Authority according to the length and size of sewers included.
- (4) The Authority shall have the right to enter the premises in order to carry out provisions outlined herein.
- (5) The agreement shall run with the land.

12.09 Prior to being issued a sewer construction permit, the owner shall pay the Authority a hook-up charge. These charges will be determined based on the following:

RESIDENTIAL PROPERTY
Single residential unit table

<u>Variable</u>	<u>Quantity</u>	<u>Multiplier</u>	<u>Total</u>
Unit Charge	1	\$2,512.85	\$2,512.85
Front Footage		\$12.55	
Square Footage		\$.0538	
Assessed Value		\$.0923/\$1	

Multi-unit residential formula

<u>Variable</u>	<u>Quantity</u>	<u>Multiplier</u>	<u>Total</u>
Unit Charge			
minimum units		\$2,512.85	

excess units		\$942.32	
Front Footage		\$12.55	
Square Footage		\$.0538	
Assessed Value		\$.0923/\$1	

Total Unit Charge = Minimum units X \$2,512.85 plus excess units times \$942.32.

Minimum units is land area (sq.ft.) or 43,560 sq.ft. (whichever is greater) divided by 43,560.

Excess units are the total number of housing units proposed minus minimum units.

Senior Housing – multi-unit residential

Senior citizen housing connection charge is calculated the same as multi-unit residential. The charge is then reduced to 80% of the calculated total connection charge provided the project meets all of the following criteria:

1. Deed restricted for at least forty years to be used only as senior citizen housing.
2. That the project/complex be at least ten units.
3. The complex be income restricted per federal and/or state guidelines.
4. A minimum of 1 unit but not greater than 5% of units may be 2 bedrooms, all other units must be 1 bedroom or smaller.
5. That the project guidelines give preference to Town residents in conformity with State and Federal guidelines.

The residential unit charge is a per dwelling unit charge. For this purpose a dwelling is considered the basic housing element, either owned or rented, including house, rowhouse, condominium, apartment, townhouse or similar residential unit.

Single residential connections that flow into the Stonington sewer collection system via sewer main lines that are constructed at the owners expense are subject to a per unit charge only, provided that the property is a distance greater than 100 feet from existing Stonington sewer collection system lines.

COMMERCIAL PROPERTY

Commercial Property

<u>Variable</u>	<u>Quantity</u>	<u>Multiplier</u>	<u>Total</u>
Unit Charge	2	\$2,512.85	\$5,025.70
Front Footage		\$12.55	
Square Footage		\$.0538	
Assessed Value		\$.0923/\$1	

Motels, Hotels, Inns

<u>Variable</u>	<u>Quantity</u>	<u>Multiplier</u>	<u>Total</u>
Unit Charge			
minimum units		\$2,512.85	
excess units		\$942.32	
Front Footage		\$12.55	
Square Footage		\$.0538	
Assessed Value		\$.0923/\$1	

Minimum units is land area (sq.ft.) or 43,560 sq.ft. (whichever is greater) divided by 43,560.

Excess units are the total number of units proposed minus minimum units.

In a hotel, motel or inn, a unit is any accommodations space let for daily, weekly, or seasonal use.

INDUSTRIAL PROPERTY

<u>Variable</u>	<u>Quantity</u>	<u>Multiplier</u>	<u>Total</u>
Unit Charge	3	\$2,512.85	\$7,538.55
Front Footage		\$12.55	
Square Footage		\$.0538	
Assessed Value		\$.0923/\$1	

RESTAURANTS

<u>Variable</u>	<u>Quantity</u>	<u>Multiplier</u>	<u>Total</u>
Unit Charge	5	\$2,512.85	\$12,564.25
Front Footage		\$12.55	
Square Footage		\$.0538	
Assessed Value		\$.0923/\$1	

PUBLIC UTILITIES

Domestic Waste		
Up to 10 employees		\$5,000.00
Per employee in excess of 10		\$500.00
Non-Domestic Waste		
Per 1000 gal/day average daily flow		\$15,000.00

Should properties serviced by a line constructed at the owner's expense have a deferred sewer benefit assessment, the benefit assessment must be paid prior to any subdivision of the land and will not reduce the amount of the hookup charge.

A sewer benefit assessment on the property, including any deferred assessment which becomes due prior to a building permit being issued, will reduce the amount of the hook-up charge by the amount of said assessment, up to the amount of the hook-up charge, providing the assessment has been paid up to date. Nothing in these regulations shall eliminate or reduce the amount of any earlier assessment whether deferred or not.

12.10 Effective upon passage by the WPCA Board, property owners shall have the option to pay the sewer hook-up charges, as calculated per Article 12.09 of the Regulations, (a) in-full prior to issuance of a sewer construction permit or (b) through the owner's acceptance and strict compliance with an installment payment plan as prescribed in subparagraphs (a) – (d) below. Upon satisfying the below criteria to the satisfaction of the WPCA or its Director, and meeting all other criteria, the property owner shall be issued a sewer construction permit.

(a) The sewer hook-up charge shall be paid in seven (7) equal annual installments together with interest at Prime Rate plus 1% per annum on the unpaid balance, with the first such annual payment being due on or before July 1st of the Town's fiscal year next following the date the hook-up charge first came due, and each July 1 thereafter until paid in full. The Prime Rate shall be determined by the Director or the WPCA based upon the rate of interest charged by major commercial US Banks, as shown in indices published, from time to time. Nothing herein shall prevent the property owner from prepaying in whole or in part.

(b) A certificate of notice of installment payments of the facility connection charge shall be recorded by the WPCA on the Town of Stonington Land Records under the names of the then record title holders of the real estate on which the connection was located. Failure to record such lien shall not bar or prevent the Town from seeking collection of any sewer

connection charges due from subsequent owners or occupiers of the real estate upon which the connection was located. The Certificate shall incorporate all provisions of these Regulations without their having to be set forth in the Certificate. The Certificate shall be a lien and shall have priority in accordance with Section 7-258 of the Connecticut General Statutes.

(c) If payment of any annual installment is not made in full within 31 days following the due date, then, in addition to all remedies available to the WPCA including foreclosure, all unpaid amounts shall bear interest thereafter at the rate of eighteen percent (18%) per annum. The default interest rate shall be suspended and restored to the ordinary rate upon the curing of all defaults, going forward, unless the WPCA or the Director has taken action to commence foreclosure. Upon default, the WPCA or the Director may elect to accelerate all amounts due.

(d) All hook-up charges shall be the personal legal obligation of the record owner(s) of the real estate upon which the connection is located at time of issuance of sewer connection permit or change in use of the property. In the event an applicant is other than a record title holder, then the legal obligation to pay the connection charge shall be joint and several as to the applicant and the record title holder(s). (AMENDED 5/28/14)

12.11 In the event that rules under Article XII conflict with any other rules of the Stonington Water Pollution Control Authority the rules under Article XII shall apply to connections done under this article.

ARTICLE XIII

SEPTAGE DISPOSAL & TIPPING FEES

13.01 Only septage generated within the Town of Stonington will be received at the Stonington Water Pollution Control facilities. Origin of any septage brought to the Water Pollution Control Authority facility will be verified by plant staff. Septage will be accepted on a first come first serve basis.

- 13.02 All disposals will be between Monday and Friday during the hours of 7:15 a.m. and 3:00 p.m.. There will be no disposals on Saturday or Sunday or celebrated holidays.
- 13.03 Samples of septage may be taken prior to disposal of load. These samples will be subject to laboratory analysis by WPCA personnel or by a private certified lab.
- 13.04 No septage will be accepted with a ph value below 6.0 or above 9.0. No industrial wastes, visible oil wastes, or grease trap wastes will be accepted.
- 13.05 All disposals will be cleared by WPCA employees. The Water Pollution Control Authority reserves the right to refuse disposal of a particular load if it is felt that such disposal will cause detrimental harm to the biological process at the facility.
- 13.06 Any person, firm, or corporation which will be disposing of septic wastes at the Pawcatuck Treatment Facility will carry at least:
- \$250,000/500,000 in liability insurance
 - \$25,000/\$50,000 in property damage insurance
- 13.07 Any person, firm, or corporation will face, after a hearing, a one year suspension of disposal rights for violation of any of the above regulations or falsification of supplied information.
- 13.08 Tipping Fees.
- \$50.00 per residential tank pumped.
 - If a load contains multiple residential tank pumpings, multiple fees will be charged. It is assumed that a residential tank is 1000 gallons or less.
 - \$50.00 per 1000 gallons for domestic septage generated at commercial or industrial sites.

ARTICLE XIV
MARINE BOAT PUMP SYSTEMS

In accordance with Section 3.10 of these Rules and Regulations marine boat pump out systems are allowed by the Water Pollution Control Authority (WPCA) by permit and as prescribed by the regulations contained herein. Permits will be issued by the WPCA upon application on the form provided and shall be issued for the period specified on the permit.

1. The marine boat pump out system shall consist of an appropriate design and fabrication specifically intended for marine installations and must be approved by the Director.
2. It shall be the permit holder's responsibility to insure that the pump out system and apparatus is properly maintained and in good working order.
3. The WPCA will conduct periodic, unannounced visits to the facility for the purpose of obtaining a sample of material for analysis. The Director shall be allowed access to the facility at any time during normal business hours for the purpose of sample collection or to enforce any section of this permit.
4. The discharge from the pump out facility shall contain only sewage from individual boats and shall not be commingled with any other discharge.
5. An approved sampling port shall be incorporated into the system prior to discharge.
6. Any violation of this section is subject to penalties as prescribed in Article IX, notwithstanding provisions of Article IX, the WPCA reserves the right to order an immediate disconnect if the discharge is determined to have, or to potentially have, an adverse effect on the operation of the Water Pollution Control facility.

7. No waste will be accepted with a pH value below 6.0 or above 9.0. No visible oil wastes, chemical solvents, paints, thinners, or other harmful materials will be accepted. Samples found or suspected to contain these substances will be subject to additional laboratory testing at the permittee's expense.

8. Permit fee: \$125.00 annually per facility.

EFFECTIVE DATE: MAY 23RD, 1997