

REGULATIONS CONCERNING THE USE OF PUBLIC SEWERS, THE CONNECTIONS
 TO PUBLIC SEWERS AND THE DISCHARGE OF WATERS AND WASTES INTO
 PUBLIC SEWERS IN THE TOWN OF ORANGE

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In accordance with Section 7-247 of the Connecticut General Statutes, the Water Pollution Control Authority of the Town of Orange hereby adopts the following Regulations:

1.0

INTRODUCTION

These Regulations establish the procedures for making connections to the public sewer in the Town of Orange sanitary sewer system. They also establish specific limits for pollutant discharges which by their nature or by their interaction with sewage will be detrimental to the public health, cause damage to the public sewer or the water pollution control facilities, pollute the waters of the State, or otherwise create a public nuisance.

These Regulations are intended to:

- (a) inform the public as to the technical and administrative procedures to be followed in obtaining connection to the Town's sanitary sewer system;
- (b) prevent the introduction of pollutants into the sanitary sewer system which will interfere with the collection and/or treatment system;
- (c) prevent the introduction of pollutants into the treatment system which will pass through the system, inadequately treated, into the waters of the State, or the atmosphere, or otherwise be incompatible with the system;
- (d) improve the opportunity to recycle and reclaim wastewaters and sludges from the system.

These Regulations shall apply to the Town and to persons outside the Town who are users of the public sewer. Except as otherwise provided herein, the Orange Water Pollution Control Authority or its designated agent shall otherwise implement and enforce the provisions of these Regulations. These Regulations may be amended from time to time as shall be deemed necessary or desirable by the Orange Water Pollution Control Authority.

2.0 DEFINITIONS

2.1 Act or "the Act" The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 USC 1251, et. seq.

2.2 Biochemical Oxygen Demand (BOD) is the amount of oxygen required by bacteria while stabilizing decomposable organic matter under aerobic conditions for five days. The determination of BOD shall be performed in accordance with the procedures prescribed in the latest edition of "Standard Methods for the Examination of Water and Wastewater".

2.3 Building Drain means that part of the lowest horizontal piping of a building's plumbing 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 (5) feet (1.5 meters) outside the inner face of the building wall.

2.4 Building Sewer means the extension from the building drain to the public sewer or other place of disposal. It may also be called a house connection. The building sewer is not maintained by the Town. Pipe to be ductile iron or PVC ASTM 3034.

2.4a Building Connection Lateral shall mean the pipe laid incidental to the original construction of a public sewer from said public sewer up to some point at the side of the street, highway, or similar location, and there capped, having been provided and intended for extension and for use at some time thereafter as part of a building or house sewer connection. The building connection lateral shall become the maintenance responsibility of the property owner upon connection with the building sewer. Pipe to be ductile iron or PVC ASTM 3034.

2.5 Categorical Standards National Categorical Pretreatment Standards or Pretreatment Standards.

2.6 Combined Sewer means a sewer intended to receive both sewage and storm or surface water.

2.7 Commissioner means the Commissioner of the Department of Environmental Protection for the State of Connecticut.

2.8 Compatible Pollutant biochemical oxygen demand, suspended solids, pH and fecal coliform bacteria; plus any additional pollutants identified in the NPDES

permit of the water pollution control facility of the City of West Haven, where the water pollution control facility is designed to treat such pollutants and, in fact does treat such pollutants to the degree required by the NPDES permit.

2.9 Composite Sample means a mixture of aliquot samples obtained at regular intervals over a time period. The volume of each aliquot is proportional to the discharge flow rate for the sampling interval. The minimum time period for composite sampling shall be four (4) hours.

2.10 Cooling Water means process water in general use for cooling purposes to which the only pollutant added is heat and which has such characteristics that it may be discharged to a natural outlet in accordance with Federal and State laws and regulations.

2.11 Director means the Director of Public Works for the Town of Orange or his authorized agent.

2.12 Domestic Sewage means sewage that consists of water and human excretions or other waterborne wastes incidental to the occupancy of a residential building or non-residential building but not wastewater from water softening equipment, commercial laundry wastewater, and blowdown from heating and cooling equipment.

2.13 Drain Layer means any person who is licensed to install, alter or repair building sewers or building connection laterals into the public sewer.

2.14 Easement shall mean an acquired legal right for the specific use of land owned by others.

2.15 Floatable Oil is oil, fat or grease in a physical state such that it will separate by gravity from sewage by treatment in an approved pretreatment facility.

2.16 Garbage means the animal or vegetable waste resulting from the handling, preparation, cooking or serving of foods.

2.17 Grab Sample is a sample which is taken from a waste stream on a one-time basis with no regard to the flow in the waste stream and without consideration of time.

2.18 Holding Tank Waste Any waste from holding tanks such as vessels, chemical toilets, campers, trailers and septic hauling trucks.

2.19 Incompatible Pollutant all pollutants other than compatible pollutants as defined in Section 2.8.

2.20 Industrial Wastewater means all wastewater from industrial processes, trade, or business and is distinct from domestic sewage.

2.21 May is permissive (see "Shall").

2.22 National Pollutant Discharge Elimination System (NPDES) Permit is a permit issued pursuant to Section 402 of the Act (33 USC 1342).

2.23 pH means the logarithm of the reciprocal of the hydrogen-ion concentration. The concentration is the weight of hydrogen ions, in grams, per liter of solution.

2.24 Person is any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representatives, agents, or assigns. The masculine gender shall include the feminine, the singular shall include the plural where indicated by the context.

2.25 Properly Shredded Garbage shall mean garbage that is not from a food preparation establishment, and 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 1/2 inch (1.27 centimeters) in any dimension.

2.26 Pretreatment or Treatment the reduction of the amount of pollutants, the elimination of pollutants, or the alterations of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such pollutants into a water pollution control facility. The reduction or alteration can be obtained by physical, chemical or biological processes, except as prohibited by Title 40, Code of Federal Regulations, Section 403.6(d).

2.27 Public Sewer means a common sanitary sewer controlled by a governmental agency or public utility. It does not include the building sewer and the connection to a building connection lateral.

2.28 Septage means the liquids and solids which are removed from a tank used to treat domestic sewage.

2.29 Sewage or Wastewater shall mean the fluid discharge

from, but not limited to, residential, commercial, industrial, agricultural, or institutional appliances.

2.30 Sewage Collection System means the structures and equipment required to collect and convey sewage to the water pollution control facility (such as, but not limited to, manholes, pump stations, force mains and public sewers).

2.31 Shall is mandatory (See "May").

2.32 Slug means any sudden or excessive discharge which exceeds permitted levels either in terms of pollutant concentration or instantaneous flow rate in such a manner as to affect adversely the sewage collection system and/or the water pollution control facility.

2.33 Soluble Oil means oil which is of either mineral or vegetable origin and disperses in water or sewage at temperatures between 0 C and 65 C. For the purposes of these Regulations, emulsified oil shall be considered as soluble oil.

2.34 Storm Sewer or Storm Drain means a sewer which collects and conveys storm water or groundwater.

2.35 Suspended Solids means the solids matter, measured in mg/liter, which may be in suspension, floatable, or settleable and is removable by laboratory filtering as prescribed in the latest edition of "Standard Methods for Examination of Water and Wastewater".

2.36 Town means the Town of Orange.

2.37 Toxic Pollutant is any pollutant or combination of pollutants listed as toxic in regulations promulgated by the Administrator of the Environmental Protection Agency under the provisions of Section 307(a) of the Act or other Acts.

2.38 User is any person who contributes, causes or permits the contribution of sewage into the Town sewer system.

2.39 Wastewater see "Sewage".

2.40 Water Pollution Control Facility (WPCF) means an arrangement of devices for the treatment for sewage and sludge.

2.41 Watercourse means a natural or artificial channel for the passage of water either continuously or intermittently.

2.42 Automatic and Passive Grease Recovery Unit shall mean an indoor, under the sink or counter, grease interceptor.

2.43 Food Preparation Establishment means a facility licensed to prepare and serve food, categorized as a Class III or Class IV food preparer as defined in the Connecticut Department of Environmental Protection F.O.G. Regulations.

2.44 F.O.G. shall mean fats, oil and grease.

3.0 USE OF PUBLIC SEWERS

3.1 The owner of all property upon which there is erected a house, building or other structure used for human occupancy, employment, recreation or other purpose, situated within the Town of Orange and abutting on any street, alley, or right-of-way, or located in the rear of other properties so abutting and having access to such street, alley or right-of-way (public or private), where is now located, or may in the future be located, public or sanitary sewage works of the Town of Orange, is hereby required at his own expense to connect all sanitary sewage facilities in such house, building or structure directly with the proper public sewer in accordance with the provisions of these Regulations and of the requirements of the Director provided that said public sewer is within one hundred (100') feet of the property line. Such connection to the public sewer shall be mandatory unless determined otherwise by the Orange Water Pollution Control Authority.

3.2 Such connection shall be made with the public sewer as described in Section 3.1 hereof. One Hundred Eighty (180) days will be allowed to obtain a permit as further described in Section 9 herein after notice to hook up has been given. An additional One Hundred Eighty (180) days will be allowed to hook up after permit has been obtained. The cost of said permit shall be as established by the Orange Water Pollution Control Authority. Failure to obtain said permit will make property owner subject to conditions of Section 12 herewith.

3.3 As public sewers become available to property presently being served by a private sewage disposal system, a direct connection shall be made to the public sewer pursuant to the terms of these regulations and any septic tank, cesspool and similar or private sewage disposal systems shall be abandoned. Concrete tanks shall be filled with suitable material approved by the Director. The septic tank lateral shall be broken between the septic tank and the house and suitable plug shall be inserted into the pipe.

3.4 All costs and expense incident to the installation, connection and abandonment of the building sewer and sewage disposal system shall be borne by the owner. The owner shall indemnify the Town of Orange from any loss or damage that may be directly or indirectly occasioned by the installation

of the building sewer. All building sewers shall be maintained in a sanitary manner by the owner of the property served.

3.5 A separate and independent building sewer shall be provided for every building lot upon which a building or buildings are or could be constructed.

3.6 It shall be unlawful for any person to construct or repair any privy, privy vault, septic tank, cesspool or other facility intended for the disposal of sewage if public sewers are available.

3.7 It shall be unlawful to discharge sewage to any body of water, watercourse or storm sewer within the Town, except where suitable treatment has been provided and a discharge permit has been issued by the Commissioner.

3.8Sewer Use Charge

3.8a Purpose The purpose of this regulation is to establish fair and effective charges for the use of the Town of Orange Sewer System so that the maintenance and operation of said sewer system shall be self-supporting. Maintenance and operation shall include all costs incurred in administrating the use charge.

3.8b Sewer Use charges for users served by the South Central Connecticut Regional Water Authority shall be based upon water usage as determined by the South Central Connecticut Regional Water Authority. Such Sewer Use charge may be reduced by a sum to be determined from a reading of a separate lawn sprinkler meter, which meter may be installed by and at the expense of the user.

3.8c Sewer Use charges for users serviced by a private or public well shall be determined by a meter installed and paid for by the user. Such Sewer Use charge may be reduced by a sum to be determined from a reading of a separate lawn sprinkler meter, which meter may be installed by and at the expense of the user.

3.8d Any high strength discharge into the sewer system by a user shall be subject to a sewer use surcharge.

[OR]

In any instance in which the Water Pollution Control Authority determines that pollutant concentrations from a user exceed the limitations of these pollutants in normal domestic sewage, the Authority shall increase the user charge computed in accordance with the formula:

$$C_s = P_c (P) V_u$$

C_s = The building's surcharge for the year (a surcharge for wastewaters of excessive strength)

P = The building's excess concentration of any pollutant (concentration of any pollutant from a user above a base level)

P_c = Operation and maintenance cost for treatment of a unit of any pollutant

V_u = The building's volume of discharge for the year (annual volume contribution from a user)

3.8e The minimum six (6) months sewer use charge for each user shall be Fifty Dollars (\$50.00) to cover administrative costs even where connection to sewer is for a period of less than six (6) months.

3.8f In any instance in which the Authority determines that the water consumption of any particular user is greatly disproportionate to the effluent actually discharged by said user into the sewerage system and thereby determines that if charges were computed solely in accordance with Paragraphs 3 and 4 hereof, then the user in question would actually bear more or less than its proportionate share of the operation and maintenance costs of the wastewater system, the Authority may make an adjustment in the user's water consumption figure. In no instance will the charge be less than the established minimum.

3.8g Dates Sewer use charges shall be for the fiscal year July 1 to June 30 and shall be due on September 1 in each and every year and payable on or before October 1 in each and every year. If, however, any bill exceeds Two Hundred Dollars (\$200.00), one half (1/2) of such bill shall be due on September 1 in each and every year and payable on or before October 1 in each and every year and the remaining one-half (1/2) shall be due on March 1 in each and every year and payable on April 1 in each and every year. In the case of a property referred to in Paragraph 4 herein, which property was not connected during the entire period,

the use charge shall be prorated for the actual number of months within the stated period that the property was connected. A period of less than fifteen (15) days shall be disregarded and a period in excess of fifteen (15) days shall be deemed a full month.

3.8h Liability of Owner The owner of the property on which a building is located shall be liable for and shall be billed for payment of sewer use charges.

3.8i Lien and Collection Sewer use charges, together with interest thereon, shall constitute a lien upon the property on which the building is located, and such a lien may be foreclosed and such charges may be collected in the manner provided in Section 7-258 of the General Statutes and other applicable statutes.

3.8j Collections Sewer use charges shall be collected by the WPCA or its designated agent and turned over periodically to the Town Treasurer and deposited in a special account, separate from other Town funds, designated the Sanitary Sewerage Operating Fund and used solely to operate and maintain the sewerage system and for any other use required by law.

3.8k South Central Connecticut Regional Water Authority
Wherever reference is made to the South Central Connecticut Regional Water Authority herein, it shall mean the South Central Connecticut Regional Water Authority, its successors or assigns.

4.0

BUILDING SEWERS AND CONNECTIONS

4.1

No unauthorized person(s) shall uncover, make any connections with or opening into, use, alter, repair, or disturb any public sewer or appurtenance thereof, without first obtaining a written permit from the Orange Water Pollution Control Authority according to the requirements of Section 9 of these Regulations.

4.2

Any person proposing a new discharge into the public sewer system or a substantial change in the volume or character of pollutants that are being discharged into the public sewer system shall notify the Director at least forty-five (45) days prior to the proposed change or connection.

4.2a

A person intending to connect a building drain from his property to the public sewer shall first obtain a permit to connect from the Orange Water Pollution Control Authority. The application shall be made on forms provided by the Director, and it shall be accompanied by a plan showing the proposed installation in sufficient detail to enable the Orange Water Pollution Control Authority to determine that the proposed installation meets the requirements of this regulation and other applicable specifications, codes, and laws. The application shall be signed by the owner of the premises to be served or his authorized agent and by the qualified contractor (see Section 4.11) who has been chosen to perform the work of installing and connecting the building drain to the public sewer. Upon approval of the application and plan, a permit shall be issued to have the work performed by the stated contractor. In the event the premises changes ownership before the work is completed, or if another contractor is chosen to perform or finish the work, the original permit becomes void, and a new permit must be obtained by the new parties in interest. An "as-built" plan showing the completed installation shall be submitted to the Director on forms provided by the Director upon completion of work by the contractor.

4.2b

A connection to the public sewer will be made only after the building's plumbing has been approved by the Building Inspector in order to insure that minimum

standards are met for the installation. No trench containing a building drain or connection to the sanitary sewer shall be backfilled until the Director has completed an inspection of and approved the work. The water level in the trench shall be maintained at a level below the sewer connection before the cap is removed and while the connection is being made and until such time as it has been inspected, approved and backfilled. The contractor shall notify the Director 24 hours before starting any work authorized under this permit. If any person constructs, installs, alters or repairs any building sewer or connection with a public sewer in the Town of Orange in violation of any section of these Regulations or fails to give adequate notice to the Director for an inspection of the work, the Director may order all or any portion of said work to be - uncovered for inspection and approval.

4.2c Permits to connect to the public sewer may be revoked and annulled by the Orange Water Pollution Control Authority or the Director for such cause and at such time as it or he may deem sufficient. All other parties in interest shall be held to have waived the right to claim damages from the Town or its Agents on account of such revocation.

4.3 All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the owner(s). The owner(s) shall indemnify the Town from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer. All costs and expenses incidental to the maintenance and repair of the building sewer shall be borne by the owner(s).

4.4 A separate and independent building sewer shall be provided for every building; except where one building stands at the rear of another on an interior lot and no public sewer is available or can be constructed to the rear building through an adjoining alley, courtyard, or driveway, the building sewer that provides service for the building which fronts on the public sewer may be extended to the rear building and the whole considered as one building sewer; but the Town does not and will not assume any obligation or

responsibility for damage caused by or resulting from any such aforementioned connection.

4.5 Existing building sewers may be used in connection with new buildings only when they are found, on examination and test by the Director, to meet all requirements of these Regulations. The Director may require the uncovering of old building sewers for examination.

4.6 The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing, backfilling and connection of the building sewer to the public sewer shall conform to the requirements of the building and plumbing code or other applicable rules and regulations of the Town. In the absence of code provisions or in application thereof, the materials and procedures set forth in appropriate specifications of the ASCE and WPCF Manual of Practice No. 9 shall apply.

4.7 Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer. Duplex lift systems shall be provided for commercial and industrial buildings at the expense of the property owner.

"Duplex lift systems shall consist of two grinder pumps capable of shredding sewage to a slurry, enclosed in fiberglass basin. An electric probe in the oil chamber of each pump will activate an audible alarm if water enters the chamber. A high level audible alarm shall also be provided."

Two sets of plans and specifications for the lift station and its force main, prepared by a licensed professional engineer, shall be submitted to the Director for approval prior to construction.
(Optional, same as Section 11.4- The Director may require an emergency power supply source for the lift station. A maintenance bond for assured continuous

operation and maintenance of the left station shall be required).

4.8 No person(s) shall make connection of roof downspouts, foundation drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or building drain which in turn is connected directly or indirectly to a public sewer.

4.9 A person intending to alter or repair a building sewer shall first obtain a permit from the Director and shall be subject to all provisions of Section 4.0 "Building Sewers and Connections".

4.9a Emergency repairs to building sewers may be started without first obtaining a permit provided the Director is notified. If the Director cannot be notified during non-business hours, the person may engage the services of a qualified contractor (See Section 4.11) to make the required repairs. In such case the person shall notify the Director at the start of the next business day to give the required notification and obtain the required permit. All emergency repair work shall be performed in accordance with and shall be subject to all provisions of Section 4.0 "Building Sewers and Connections".

4.10 No building sewer shall be constructed within 25 feet of a water supply well. If a building sewer is constructed within 26-75 feet of a water supply well it shall be constructed in accordance with all applicable guidelines promulgated by the Commissioner.

4.11 All building sewers shall be installed, repaired and altered by a drain layer who possesses a valid license issued under Chapter 393 of the Connecticut General Statutes as amended.

4.12 The building sewer shall be ductile iron pipe, polyvinyl chloride or other suitable material approved by the Director. All pipe materials shall conform with the latest standard specifications of the American Society for Testing and Materials (ASTM) as approved by the Director. The minimum inside diameter of building sewer pipe shall be four (4) inches. Couplings for ductile iron pipe shall be 4 band

stainless steel ("Husky" or equal).

4.13 Water service and building sewer pipes shall be laid in separate trenches ten (10) feet apart. Where conditions require sharing the same trench, the water pipe shall be laid on a bench at least 18 inches above the top of the sewer pipe and at least 18 inches from the side of the sewer trench.

4.14 All excavations required for the installation of a building sewer shall be open trench work unless otherwise approved by the Director. No building sewer shall be laid parallel to or within three (3) feet of any bearing wall, which might thereby be weakened. The depth of the building sewer shall be sufficient to afford protection from frost and in general such depth shall not be less than three (3) feet below the finished ground surface at all points. All building sewers shall be laid at uniform grade of not less than two (2) feet per 100 feet and in straight alignment insofar as possible.

Changes in direction shall be made only with properly curved pipe and fittings. Any changes in direction exceeding a 45 degree angle shall require a cleanout brought to grade. Building sewers shall be laid upon a bedding of at least (6) six inches of crushed stone on firm undisturbed soil or a suitable foundation; the crushed stone bedding shall be carried at least up to the top of the PVC pipe; they shall be located at a sufficient distance from other parallel pipes to permit alterations or repairs to any such pipes or the building sewer pipe without disturbing the other; they shall be well cleaned inside after laying; and they shall conform to all reasonable requirements for good construction. Backfill placed over building sewers shall be done with hand tools to a depth of at least one (1) foot over the pipe, using fine sand free from stones and debris. Backfill shall be well and carefully tamped over the sewer. The open ends of building sewers, building drains and building connection laterals shall be kept closed and protected during construction and during periods when work is suspended in order to exclude from the public sewer all water or debris which might obstruct, damage or otherwise be detrimental to the public sewer or the

sewage collection system. Abandoned building sewers or drains shall be likewise promptly closed and sealed off from any public sewer at the expense of the owner of the property.

4.15 All joints and connections for or between building sewers, building drains and building connection laterals already connected to the public sewer shall conform with the latest ASTM standard specification for type of building sewer pipe being installed, altered or repaired. All joints and connections shall be flexible and watertight to prevent infiltration and root intrusion. When connecting building sewer pipes of different types and/or sizes, elastomeric plastic "push on compression joint sealer (donuts)" or "couplings with stainless steel tightening bands" ("Fernco" or equal) shall be utilized. No rigid joints such as cement mortar are permitted.

4.16 No unauthorized person shall uncover, make any connection with or opening into, use, alter or disturb any public sewer or building connection lateral and appurtenances thereof. The sewer contractor retained by the Town of Orange, or such other official or department of the Town of Orange as may hereafter be designated by the Water Pollution Control Authority of the Town of Orange shall make all connections, alterations and repairs upon the public sewer. Said contractor shall install or replace all building connection laterals.

4.17 Maintenance of the public sewer shall be performed by the Town of Orange or a contractor selected by the Town of Orange or under the supervision of such other person or official department as may hereafter be designated by the Orange Water Pollution Control Authority. All building connection laterals and building sewers shall be maintained in a sanitary manner by the owner of the property served.

4.18 Where there is no building connection lateral available, the property owner shall, prior to the issuance of a Certificate of Occupancy, apply to the Orange Building Inspector to have a building connection lateral installed from the sewer main to the property line. In each such case, or in any instance where the connection to the public sewer

requires the performance of labor, or the furnishing of materials on the part of the Town of Orange, a charge, as determined annually by the Director, or such other official or department of the Town of Orange as may hereafter be designated by the Water Pollution Control Authority of the Town of Orange, shall be made.

4.19 Each contractor or other person performing work on public property for the purpose of installing building connection laterals shall post a bond or cash acceptable to the Orange Water Pollution Control Authority. All work shall be adequately guarded with barricades, lights, and other measures for protection of the public from hazard. Streets, sidewalks, parkways, curbs and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Director.

4.20 The connection of the building sewer into the public sewer shall be made at the building connection lateral if such branch is available at a suitable location. If the public sewer is twelve (12) inches in diameter or less and no properly located building connection lateral is available, the Town shall install at the owner's expense a building connection lateral in the public sewer at the location specified by the Director. The building connection lateral shall be connected into the public sewer with the appropriate sized elastomeric plastic coupling with four (4) stainless steel tightening bands. Where public sewers are asbestos-cement sewer pipe, the connection may be made with a cast iron saddle with rubber gaskets and stainless steel straps in the event that no branch is available on the public sewer. Where the public sewer is greater than twelve (12) inches in diameter and no properly located building connection lateral branch is available, a neat hole maybe cut in the public sewer to receive the building sewer with entry in the downstream direction at an angle of about forty-five (45) degrees. A forty-five (45) degree ell may be used to make such connection with the spigot end cut so as not to extend past the inner surface of the public sewer. The invert of the building sewer at the point of connection with public sewers greater than twelve (12) inches in diameter, shall be at an elevation

equal to the springline (sewer pipe centerline elevation) or higher. A smooth, neat joint shall be made, and the connection made secure and water-tight by encasement in concrete. Special fittings may be used for the connection only when approved by the Director. A manhole to be constructed at the connection to the public sewer may be required for building sewers greater than six (6) inches in diameter or when required by the Director.

- 4.21 The connection of a building sewer into the public sewer may be permitted at and into an existing manhole at the discretion of the Director. Manhole connections shall be made with watertight and flexible elastomeric plastic concrete manhole adaptors (waterstop) which shall be installed by coring a hole into the manhole wall and filling around the installed adaptor with cement mortar.
- 4.22 When it is necessary to cut an opening into any public sewer or manhole, the drain layer shall perform the job in a workmanlike manner using the proper cutting and coring tools. The drain layer shall use a proper saw to cut out sections of public sewer to install fittings or to cut lengths of building sewer pipe. The use of jackhammers, sledgehammers or other impact devices are not permitted for use on pipes.
- 4.23 If any person, after proper order or direction from the Director, fails to remedy any violation of this section or of any other section of these Regulations, the Director may disconnect the building sewer of the property where the violation exists from the public sewer and may collect the cost of making such disconnection from any person responsible for, or willfully concerned in, or who profited by such violation of the requirements of these Regulations.

5.0 DISCHARGE LIMITATIONS REGARDING THE USE OF PUBLIC SEWERS

5.1 No person shall discharge or cause to be discharged any unpolluted waters such as stormwater, groundwater, roof runoff, sub-surface drainage, or cooling water to any public sewer.

5.2 Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as combined sewers or storm sewers and discharged to a watercourse in accordance with all applicable State and Federal laws and regulations.

5.2a No person shall discharge or permit to be discharged from, property under his control into a storm sewer or watercourse any waste or water which is polluted with organic or other matter which can decay, which is odorous, oily or unsightly or for any other reason is likely to or does give offense or cause damage or injury to nearby persons or property when discharged into a watercourse. No waste water which is poisonous to persons, animals, or fish, when discharged into any watercourse shall be discharged into any storm sewer. No coarse rubbish, sticks, large solids, offal, feathers, straw, debris, cinders, ashes, scraps, leaves, fats, oil, grease, combustible substance or similar materials shall be permitted to enter any storm sewer. No material, the discharge of which into natural streams, ponds, or lakes is prohibited by State or Federal laws or regulations, shall be discharged into any storm sewer.

5.3 No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater which will interfere with the operation or performance of the WPCF (or any public sewer). These general prohibitions apply to all such users of a WPCF (or any public sewer) whether or not the user is subject to National Categorical Pretreatment Standards or any other Federal or State Pretreatment Standards or requirements. A user shall not contribute the following substances to the public sewer:

5.3a Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the WPCF or to the operation of the WPCF. At no time, shall two successive readings on an explosion hazard meter, at the point of discharge into the sewage collection system (or at any point in the system) be more than five percent (5%) nor any single reading

over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter.

5.3b Solids or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the WPCF, including substances such as, but not limited to, fats, oils, grease, garbage with particles greater than one-half inch (1/2") in any dimension, animal guts or tissues, paunch manure, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud or glass grinding or polishing wastes.

5.3c Any sewage having a pH lower than (5.5) or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the WPCF. The upper limit of pH for any industrial wastewater discharge shall be established under the discharger's State Discharge Permit.

5.3d Any sewage containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants, to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, or plant life, create a toxic effect in the receiving waters of the WPCF, or to exceed the limitation set forth in a "Categorical Pretreatment Standard". A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307(a) of the Act.

5.3e Any noxious or malodorous sewage, gases, or solids which either singly or by interaction with other sewage are sufficient to prevent entry into the public sewers for their maintenance and repair.

5.3f Any sewage which, by interaction with other sewage in the public sewer releases obnoxious gases, forms suspended solids which interfere with the collection system, or creates a condition which may be deleterious to structures and treatment processes or which may cause the effluent limitations of the WPCF's NPDES Permit to be exceeded.

5.3g Any substance which may cause the WPCF's effluent or any other product of the WPCF such as residues, sludges, or scums, to be unsuitable for reclamation

process where the WPCF is pursuing a reuse and reclamation program. In no case, shall a substance discharged to the WPCF cause the facility to be in noncompliance with sludge use or disposal criteria, guidelines, or regulations developed under Section 405 of the Act; any criteria, guidelines or regulations affecting sludge use or disposal -developed pursuant to the Resource Conservation and Recovery Act, the Clean Air Act, the Toxic Substances Control Act, or State criteria applicable to the sludge management method being used.

- 5.3h Any substance which will cause a WPCF to violate its NPDES Permit or the receiving water quality standards.
- 5.3i Sewage containing substances which are not amenable to treatment or reduction by the wastewater treatment process employed, or are amenable to treatment only to such degree that the water pollution control facility effluent cannot meet the limits stipulated in its NPDES Permit.
- 5.4 The following described substances, materials, waters, or waste shall be limited in discharges to public sewers to concentrations or quantities which will not harm either the sewers or the water pollution control facility, will not have an adverse effect on the receiving stream, or will not otherwise endanger public property or constitute a nuisance. The Commissioner may set lower limitations if more severe limitations are necessary to meet the water quality standards of the receiving stream. The following discharges to the public sewer are limited or restricted as set forth below:
 - 5.4a Sewage having a temperature higher than 150 F (65 C).
 - 5.4b Sewage containing fat, wax, grease, petroleum, or mineral oil, whether emulsified or not, in excess of one hundred (100) mg/l with floatable oil not to exceed twenty (20) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred-fifty (150) degrees F. (0 and 65 degrees C).
 - 5.4c Any garbage that has not been properly shredded (see Section 2.25). Garbage grinders may be connected to sanitary sewers, provided the garbage is not from a food preparation establishment as defined in Section 2.43 of these regulations.
 - 5.4d Any sewage containing odor-producing substances exceeding limits which may be established by the

Commissioner.

5.4e Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Commissioner in compliance with all applicable State and Federal regulations.

5.4f Materials which exert or cause:

5.4f-1 Unusual concentrations of inert solids (such as, but not limited to sodium, chloride and sodium sulfate).

5.4f-2 Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).

5.4f-3 Unusual BOD, chemical oxygen demand, or chlorine demand of nitrogen loads in such quantities as to constitute a significant load on the water pollution control facility.

5.4f-4 Unusual volume of flow or concentrations of wastes constituting a "slug" as defined in Section 2.32.

5.4g Overflow from holding tanks or other receptacles storing organic wastes.

5.4h Sewage with a concentration of pollutants in excess of the following limits:

<u>Pollutant</u>	<u>Concentration: parts/million (mg/l)</u>
Arsenic as AS	0.05
Barium as Ba	5.0
Boron as BO	5.0
Cyanides as CN (amenable)	0.1
Fluoride as F	20
Chromium (Total)	1.0
Chromium (Cr+6)	0.1
Magnesium as Mg	100
Manganese as Mn	5.0
Copper as Cu	1.0

Zinc as Zn	1.0
Cadmium	0.1
Lead	0.1
Tin	2.0
Silver	0.1
Mercury	0.01
Nickel	1.0

Note: All metals are to be measured as total metals.

5.5 In accordance with Section 25-54i of the Connecticut General Statutes as amended, a permit from the Commissioner of Environmental Protection is required prior to the initiation of a discharge of any of the following wastewaters to a public sewer:

- a) Industrial wastewater of any quantity.
- b) Domestic sewage in excess of 50,000 gallons per day through any building sewer to a public sewer.
- c) Domestic sewage discharge greater than 1% of sewage treatment plant design flow.

A potential discharger must submit a permit application to the Department of Environmental Protection not later than 90 days prior to the anticipated date of initiation of the proposed discharge.

5.6 If any sewage is discharged or is proposed to be discharged to the public sewers which contains the substances or possesses the characteristics enumerated in Section 5.4 of these Regulations, and which in the judgment of the Commissioner may have a deleterious effect upon the wastewater facilities, processes, equipment, or receiving waters, or which otherwise may create a hazard to life or constitute a public nuisance, the Commissioner may in accordance with Section 25-54i(b) of the Connecticut General Statutes as amended:

- a) Reject the discharge of 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.

If the Commissioner permits the pretreatment or equalization of waste flows, the design and installation of the equipment shall be subject to the review and approval of the Commissioner subject to the requirements of all applicable codes, ordinances, regulations and laws.

- 5.7 The Director shall have the right to reject the discharge of any wastes; or require more stringent effluent limitations than required by the user's Section 25-54i permit, the decisions of the Commissioner notwithstanding.
- 5.8 Grease, oil and gross particle separators shall be provided when, in the opinion of the Commissioner or Director they are necessary for the proper handling of sewage containing floatable grease in excessive amounts, as specified in Section 5.4b, or any flammable wastes, sand, or other harmful substances; except that such separators shall not be required for private living quarters or dwelling units. All separators shall be of a type and capacity approved by the Commissioner, and shall be located as to be readily and easily accessible for cleaning and inspection. The use of Automatic and/or passive indoor grease recovery units is prohibited. In the maintaining of these separators, the owner(s) shall be responsible for the proper removal and disposal by appropriate means of the captured material and shall maintain records of the dates, and means of disposal which are subject to review by the Commissioner. Any removal and hauling of the collected materials shall be performed by a waste disposal firm which possesses a valid permit from the Commissioner under Section 22a-429 of the Connecticut General Statutes, as amended.

Each User required to maintain a grease oil and gross particle separator and/or grease trap pursuant to this Section 5.8 shall maintain a pumping service agreement with a waste disposal firm licensed under section 22a-429 of the Connecticut General Statutes requiring not less than a semi-annual pumping of the grease trap or separator and up to a maximum of six pumpings per year if the Commissioner or Director determines that, based upon the volume or nature of the wastewater discharged

by such User, a greater number of pumpings is necessary for the protection of the Sewage Collection System. A copy of each User's currently effective pumping agreement shall be filed with the WPCA. The records required to be maintained pursuant to this Section 5.8 shall, upon request of the Commissioner, Director, the WPCA or his or its agents, be produced by the User for review, copying or inspection. No permit shall be issued to any User where a grease trap or separator is required until a valid and effective pumping agreement has been filed with the WPCA.

- 5.9 Where pretreatment or flow-equalizing facilities are provided or required for any sewage, they shall be maintained continuously in satisfactory and effective operation by the owner(s) at his expense.
- 5.10 When required by the Commissioner or the Director, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable structure together with such necessary meters and other appurtenances in the building sewer to facilitate observations, sampling, and measurement of the wastes. Such structure, when required, shall be accessible and safely located and shall be constructed in accordance with plans approved by the Commissioner and/or the Director. The sampling structure shall be located at a point along the industrial waste stream where a representative sample of the industrial wastewater may be obtained prior to its being diluted by domestic sewage in the building sewer. The structure shall be installed by the owner at his expense and shall be maintained by him so as to be safe and accessible at all times.
- 5.11 All industries discharging into a public sewer shall perform such monitoring of their discharge as required by the Commissioner in any State Discharge Permit issued pursuant to Section 22a-430 of the Connecticut General Statutes, as amended, including, but not limited to, installation, use and maintenance of monitoring equipment, keeping records and reporting the results to the Commissioner. Such records shall be made available upon request of the Commissioner or the Director.
- 5.12 All measurements, tests, and analyses of the characteristics of sewage to which reference is made in these Regulations shall be determined in accordance with the latest edition of "Standard

Methods for Examination of Water and Wastewater", published by the American Public Health Association. Sampling methods, location, times, durations, and frequencies are to be determined on an individual basis subject to the stipulations and general conditions of the discharger's State Discharge Permit.

5.13 No statement contained in this section shall be construed as preventing any special agreement or arrangement between the Town and any industrial concern whereby an industrial waste of unusual strength or character maybe accepted by the Town for treatment, provided that such agreements do not contravene any requirements of existing State or Federal Regulations and are compatible with any User Charge System in effect. The Town may request a special fee payment to cover the costs of treating these aforementioned industrial wastewaters.

5.14 Upon the promulgation of the Federal Categorical Pretreatment Standard for a particular industrial subcategory, the Federal Standard, if more stringent than limitations imposed under these Regulations for sources in that subcategory, shall supersede the limitations imposed under these Regulations.

5.15 No user shall increase the use of process water in an attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the Federal Categorical Pretreatment Standards, or in any specific pollutant limitations which may be developed by the Commissioner.

5.16 Each user shall provide protection from accidental discharge of prohibited materials or other substances regulated by these Regulations. Facilities to prevent accidental discharge or prohibited materials shall be provided and maintained at the owner or user's own cost and expense. The Commissioner may require that plans showing facilities and operating procedures be submitted for review and approval prior to construction of the facilities.

5.16a Within five (5) days following an accidental discharge, the user shall submit to the Director and the Commissioner, a detailed written report describing the cause of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which may be incurred as a result to

damage to the WPCF, fish kills, aquatic plants, or any other damage to persons or property; nor shall such notification relieve the user of any fines, civil penalties, or other liability which may be imposed by these Regulations or other applicable law.

5.16b A notice shall be permanently posted on the user's bulletin board or other prominent place advising employees whom to call in the event of a dangerous discharge. Employers shall insure that all employees are advised of the emergency notification procedure.

6.0 PROTECTION FROM DAMAGES

6.1 No person shall break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is part of the Town sewer system. Any person violating this provision shall be subject to arrest for criminal mischief and upon conviction thereof may be subject to imprisonment for a term of not more than one year and/or a fine in an amount up to One Hundred Dollars (\$100.00) or the maximum amount as provided by the Connecticut General Statutes in effect at the time of the violation.

6.2 Any person who, by reason of the violation of the provisions of these Regulations or other improper use of the Town sewer system or any of its branches, appurtenances, or connections, shall cause damage to said Town sewer system shall become liable to the Town of Orange for all costs or expenses that may be incurred by the Town of Orange for the correction of any such damage. The Town of Orange shall have the right to recover such costs and expenses from any such person by appropriate action at law in a court of competent jurisdiction. The right of the Town of Orange to be reimbursed for any costs and expenses incurred by it by reason of such damage shall be an additional remedy and such person shall also be subject to the penalties contained in these Regulations for violation of its provisions.

7.0

JURISDICTION, POWER AND AUTHORITY

7.1

In the administration of these regulations the building sewer shall be supervised and administered by the Director and all other matters relating to sewers shall be within the jurisdiction of the Orange Water Pollution Control Authority or such other official or department of the Town as may hereafter be designated by the Water Pollution Control Authority of the Town of Orange.

7.2

The Director and other duly authorized employees of the Town of Orange and City of West Haven, bearing proper credentials and identification, shall be permitted to enter reasonably upon all properties for the purpose of inspection, observation, measurement, sampling, and testing in accordance with the provisions of these Regulations.

7.3

The Director or duly authorized employees are authorized to obtain information concerning industrial processes which have a direct bearing on the kind and source of discharge to the wastewater collection system. The industry may withhold information considered confidential, but the industry must establish that the revelation to the public of the information in question might result in an advantage to competitors.

7.4

While performing the necessary work in private properties referred to in Sections 7.2 and 7.3 above, the Director or duly authorized employees of the Town shall observe all safety rules applicable to the premises established by the user. The user shall be held harmless for injury or death to the Town employees and the Town shall indemnify the user against loss or damage to its property by said Town employees and against liability claims and demands for personal injury or property asserted against the user and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the user to maintain safe conditions as required in Section 5.10.

7.5

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 an easement for the purposes of 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

easement pertaining to the private property.

7.6 Decisions of the Director, the Orange Water Pollution Control Authority, or such other official or department of the Town of Orange as may be hereafter designated by the Orange Water Pollution Control Authority, in the interpretation and application of the provisions of these Regulations, shall be final and binding upon the property owner affected. The Orange Water Pollution Control Authority may waive strict compliance with the provisions of these Regulations where such compliance would cause great hardship. No action which shall be authorized by a permit from the Orange Water Pollution Control Authority or by the Director shall be deemed a violation of these Regulations, providing the action authorized is not injurious in any manner to the health, safety and welfare of the residents of the Town of Orange or the City of West Haven.

7.7 The issuance of any such permit by the Orange Water Pollution Control Authority shall be within its discretion and revocable at its pleasure; and upon such revocation, the provisions of these Regulations shall apply as though said permit had never been granted.

8.0

SEPTAGE AND HOLDING TANK WASTES

8.1

No persons shall discharge or cause to be discharged into any public sewer or part of the sewage collection system either directly or indirectly, any septage, holding tank wastes, overflow or effluent from a septic tank, cesspool, subsurface drainage trench, bed or filter, or other receptacle storing organic waste.

8.2

Septage and holding tank wastes may be delivered to and will be processed at the City of West Haven Water Pollution Control Facility provided:

- a) That such contents were accumulated and located on property within the Town of Orange;
- b) That such contents consist only of domestic or commercial wastes, excluding any industrial wastes or substances specified to be excluded from public sewers by these regulations;
- c) That such contents are transported in sanitary, watertight vehicles, equipped with a suitable valve outlet, and meeting such requirements as may be stipulated by local or State Health agencies;
- d) That a permit is issued by the City of West Haven for the discharge of such content. A permit fee may be set for each tank load of such wastes by the City of West Haven.
- e) That delivery of septage and holding tank wastes are made to the City of West Haven Water Pollution Control Facility site on weekdays between the hours of 8:00 A.M. and 3:30 P.M., Saturdays 8:00 A.M. to 11:30 A.M., except holidays; or such hours as the Orange Water Pollution Control Authority may designate;
- f) That one or more copies of the permit form for the discharge of such contents are surrendered to the sewage treatment plant operator or his agent and that said operator or his agent accepts the delivery as containing no substances or waste known to be harmful to the sewage treatment plant or its treatment processes.

8.3

Permits issued under this section shall be void after 30 days from date of issuance. All permits are subject

to cancellation, revocation or suspension by the City of West Haven when such action is deemed necessary to safeguard the Water Pollution Control Facility.

9.0 PERMIT SYSTEM FOR CONNECTIONS TO THE PUBLIC SEWER

9.1 The owner or his agent shall make application for a sewer permit on a special form furnished by the Town of Orange. The Orange Water Pollution Control Authority has sole authority to issue sewer permits.

9.2 For new installations of building sewers, a permit and inspection fee of Two Hundred Dollars (\$200) shall be paid to the Town of Orange at the time the application is filed.

9.2a For repairs of existing building sewers, a permit and inspection fee of Two Hundred Dollars (\$200) shall be paid to the Town of Orange at the time the application is filed.

9.2b A refundable Record Drawing ("As-Built") fee shall also be required in addition to the permit fees designated in Sections 9.2 and 9.2a. This fee shall be Five Hundred Dollars (\$500). This fee shall be refunded to the owner or agent upon submission of a completed record drawing of the installation, alteration or repair of the building sewer and the connection to the public sewer. The record drawing shall be submitted on forms furnished by the Director and shall include all required information. Incomplete or inaccurate record drawings may be considered informal and not eligible for fee refund.

9.2c Before any drain layer may receive a permit to do work governed by these Regulations he shall file-with the Department of Public Works a satisfactory bond and protective liability insurance policy in the name of the Town of Orange together with satisfactory insurance policies or certificates to the effect that he is properly insured against claims by employees or the public and against liabilities to be assumed under the terms of the Drain Layer's Permit. Said bond and said certificate shall be on forms satisfactory to the Department of Public Works. The surety bond shall be in the sum of not less than Twenty-Five Thousand Dollars (\$25,000). The insurance shall be not less than \$1,000,000 for each accident, and property insurance shall be not less than \$100,000. Changes in insurance limits may be made by the Town. The bond and insurance, in combination, shall provide that the Town of Orange and its agents shall be indemnified and saved harmless from all suits and actions of every name and description brought against the said public body or its agents, for or on account of any injuries or damages received or sustained by any person or property in consequence

of or resulting from any work performed by the drain layer, his agents or servants, or from any act or omission of the drain layer, his servants or agents, while operating under the permit issued or from any negligence regarding said work; that the drain layer shall reimburse the Town of Orange for any expense to said Town or its agents arising from any injury or damage to any sewer or drain or other property of said Town or by reason of any violation of the drain layer or his agents or employees of any requirement of these Regulations; that the drain layer shall faithfully execute in all respects all work performed under the Permit issued; that the drain layer shall restore the portion of any street or public place in which the drain layer may have made an excavation incidental to work under said Permit to as good condition as it was prior to said work and also shall keep said street or public place in like good condition to the satisfaction of the proper officer in charge thereof for a period of not less than one year after said restoration; that the drain layer shall reimburse the Town for the expense of repairs to such street or public place made necessary by reason of the excavation made by the drain layer; and that the drain layer shall comply in all respects with the rules, regulations, laws, ordinances, etc., relative to work in such streets or public places and with the terms of the permits which may be issued to the drain layer by any public agency and shall pay all fines imposed on the drain layer for violation of these Regulations or of such rules, laws or ordinances.

9.3 All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the owner. All building sewers shall be maintained by the owner of the property served.

9.4 No person, other than those working for and under the direction of the Director shall excavate, construct, install, lay, repair, alter or remove any building sewer, or any appurtenance thereof, within the Town if such sewer is connected or discharged or is intended at some future time to be connected or discharged, directly or indirectly, into the public sewer, until said person has a permit secured by the owner (or his agent) of the property in question for doing such work.

9.5 Any permit may be suspended or terminated by the Orange Water Pollution Control Authority or the Director on written notice to the permittee for violation of the conditions thereof or for any

violation of the requirements of these regulations, or for other reasons in the public interest.

9.6 No statement contained in this Section shall be construed as preventing the Orange Water Pollution Control Authority from assessing "tap-in charges" or other "connection charges" to the person connecting to the public sewer. The Orange Water Pollution Control Authority shall have all the powers and duties conferred and imposed by the General Statutes of the State of Connecticut on the Water Pollution Control Authority of a municipality.

10.0 AUTHORIZED CONTRACTORS

10.1 Only the following person or persons shall construct, repair, alter, or remove building sewers or make connections therefrom to a public sewer:

10.1a Regular forces of or a contractor employed by the Director or the Town.

10.1b A drain layer who has been issued a Sewer Permit by the Orange Water Pollution Control Authority to perform the work specified in the Sewer Permit.

10.2 Drain layers as defined in Section 2.13 shall conform to the requirements of Section 4.11.

10.3 It is not the intent of these Regulations to restrict the usual work of plumbers or others working in accordance with any plumbing and building codes. No connection to a public sewer shall be made by such persons without a permit from the Orange Water Pollution Control Authority. All drains and fixtures within structures shall be connected in conformity with the requirements of these regulations as to what may or what may not be discharged into the public sewers.

11.0

EXTENSIONS OF THE SEWAGE COLLECTION SYSTEM

Any person who shall desire to extend the Town sewage collection system at his own cost shall first obtain the required approval of the Director and the Orange Water Pollution Control Authority.

11.2

Two (2) sets of plans and specifications of the proposed extension prepared by a licensed Professional Engineer are to be submitted to the Director for his review.

11.3

All proposed extensions of the sewage collection system shall be reviewed and approved by the Director prior to construction.

11.4

In cases where a person proposes the construction of a sewage pumping station, the plans and specifications for the pumping station and its force main shall be submitted to the Director and the Commissioner for approval prior to construction. The Director and/or the Commissioner may require an emergency power supply source for any pumping station. A maintenance bond for assured continuous operation and maintenance of the pumping station shall be required.

11.5

All construction methods and materials employed for extending the sewage collection system shall conform to town standards. The Director shall be notified a minimum of 24 hours before any construction authorized under Section 11.0 begins. If any person fails to give adequate notice to the Director for inspection of the work, the Director may order all or any portion of said work to be uncovered for inspection and approval.

11.6

The Town will accept the ownership and maintenance of extensions of the sewage collection system only upon the satisfactory completion of construction, submission of record drawings and the satisfactory testing of the new facilities which may be required by the Director. The cost and expenses incidental to any testing required by the Director shall be borne by the person extending the sewage collection system.

11.7

The person extending the sewage collection system shall submit to the Director a record drawing ("as-built") of the new facilities on a reproducible mylar sheet. The record drawings shall include but not be limited to: the plan and profile showing invert elevations, wyes and building connection laterals and pipe material. The Record Drawings and

proposed plans submitted to the Director for construction approval shall be designed (stamped) by a Professional Engineer registered in the State of Connecticut.

11.8 The Director shall approve the contractor or drain layer who will construct the extension of the sewage collection system.

12.0 Duty to Mitigate; Local Enforcement Remedies

12.1.1 GENERAL

12.1.1.a Upon learning of a violation of any provision of this regulation, the person or persons responsible for such violation shall immediately take all reasonable action to determine the cause of such violation, correct such violation, mitigate its results and prevent further violation.

12.1.1.b. Any person found to be violating any provision of this regulation may be served by the WPCA with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof.

12.1.1.c. The offender shall, within the period of time stated in such notice, permanently cease all violations.

12.1.1.d. Any person violating any of the provisions of this regulation shall become liable to the Town of Orange and the WPCA for any expense, loss, or damage occasioned by reason of such violation.

12.1.2 Consent Orders

The WPCA may enter into Consent Orders, assurances of voluntary compliance, or other similar documents establishing an agreement with any user responsible for noncompliance. Such documents will include specific action to be taken by the user to correct the noncompliance within a time period specified by the document. Such documents shall have the same force and effect as administrative orders and shall be judicially enforceable.

12.1.3 Show Cause Administrative Hearing

The WPCA may order a user that has violated, or continues to violate, any provision of these Regulations, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or requirement, to appear before the WPCA and show cause why the proposed enforcement action should not be taken. A show cause hearing shall not be a bar against, or prerequisite for, taking any other action against the user.

12.1.4 Compliance Orders When the WPCA finds that a user has violated, or continues to violate, any provision of these

Regulations, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or requirement, the WPCA or its agent may issue an order to the user responsible for the discharge directing the user come into compliance within a specified time. If the user does not come into compliance with these Regulations within the time provided, sewer service may be discontinued.

12.1.5 Cease and Desist Orders

12.1.5.a When the WPCS or its agent finds that a user has violated, or continues to violate, any provision of these Regulations, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or requirement, or that the user's past violations are likely to recur, the WPCA may issue an order to the user directing it to cease and desist all such violations and directing the user to:

Immediately comply with all requirements; and

Take such appropriate remedial or preventive action as may be needed to properly address a continuing or threatened violation, including halting operations and/or terminating the discharge.

12.1.5.b Issuance of a cease and desist order shall not be a bar against, or a prerequisite for, taking any other action against the user.

12.1.6 Administrative Fines

12.1.6.a When the WPCA finds that a user has violated, or continues to violate, any provision of these Regulations, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or requirement, the WPCA may fine such user. Such fines shall be assessed on a per violation, per day basis. In the case of monthly or other long-term average discharge limits, fines shall be assessed for each day during the period of violation.

12.1.6.b. Any person that has violated any of the provisions of these Regulations shall become liable to the Town of Orange, acting through the WPCA, for any expenses, loss, or damage occasioned, by reason of such violation.

12.1.6.c. Any user found to be in violation of Section 22a-430 of the Connecticut General Statutes, as amended, shall be subject to a monetary penalty or forfeiture under Section 22a-

438 of the Statutes. If the Town is found to be in violation of Section 22a-430 and is fined, and if the violation and fine result from the violation of Section 22a-430 or these Regulations by any user subject to these Regulations, then the Town may require that user to indemnify the Town for said fine.

12.1.6.d. Issuance of an administrative fine shall not be a bar against, or a prerequisite for, taking any other action against the user.

12.1.7 Emergency Suspensions

12.1.7.a. The WPCA may immediately suspend a user's discharge, after notice to the user, whenever such suspension is necessary to stop an actual or threatened discharge, which that reasonably appears to present, or cause an imminent or substantial endangerment to the health or welfare of persons. The WPCA may also immediately suspend a user's discharge, after notice and opportunity to respond, that threatens to interfere with the operation of the sewer system, or that presents, or may present, an endangerment to the environment.

12.1.7.b. Any user notified of a suspension of its discharge shall immediately stop or eliminate its discharge. In the event of a user's failure to immediately comply voluntarily with the suspension order, the WPCA may take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the sewer system, its receiving stream, or endangerment to any individuals.

3. Nothing in this section shall be interpreted as requiring a hearing prior to any emergency suspension under this section. However, a hearing shall be held as soon as practicable to allow the user to show cause why the suspension should not remain in effect.

12.1.8 Termination of Discharge

12.1.8.a. Any user who violates the following conditions may be subject to discharge termination:

Violation of wastewater discharge permit conditions;

Failure to accurately report the wastewater constituents and characteristics of its discharge;

Failure to report significant changes in operations or wastewater volume, constituents, and characteristics prior to discharge; or,

Refusal of reasonable access to the user's premises for the purpose of inspection, monitoring, or sampling.

12.1.8.b. Such user will be notified of the proposed termination of its discharge and be offered an opportunity to show cause why the proposed action should not be taken. Exercise of this option by the WPCA shall not be a bar to, or a prerequisite for, taking any other action against the user.

12.2 Penalties

12.2.1. Any person found to be in violation of any provisions of these Regulations, may be served by the Town with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof, except that an order to connect to the sewerage system shall be pursuant to Section 7-257 of the Connecticut General Statutes, as amended. The offender shall, within the period of time stated in such notice, permanently cease all violations.

12.2.2. Any person who continues any violation beyond the specified time limit, shall be guilty of a misdemeanor, and on conviction thereof shall be fined in the amount not exceeding one hundred fifty dollars (\$150.00) for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

12.2.3. Any person who is found to be in violation of any of the provisions of these Regulations shall become liable to the Town for any expense, loss or damage occasioned the Town by reason of such violation.

12.2.4. Any person who is found to be in violation of Section 25-54i of the Connecticut General Statutes as amended shall be subject to a monetary penalty or forfeiture under Section 25-54q of the statutes.

12.3 Appeals

12.3.1. The person or persons served a written notice pursuant to Section 12.2.1 above may appeal the issuance of such notice to the WPCA's Administrator within 15 days of receipt. The

appeal shall be in writing and shall contain a short and plain statement of the facts asserted. The WPCA's Administrator may elect to meet with the appellant prior to responding to it.

12.3.2. The person or persons who received a written notice of violation and who appealed to the WPCA's Administrator pursuant to Section 12.3.1 may seek further consideration of the WPCA's decision. The appellant may request and present an appeal to the WPCA at an upcoming Regularly Scheduled Meeting within 60 days from the date of the appeal to the WPCA's Administrator. The decision of the Orange Water Pollution Control Authority shall be final.

13.0 SEVERABILITY

13.1 If any article, section, paragraph, subdivision, clause or provision of these Regulations shall be adjudged to be invalid by a Court of Competent Jurisdiction, such adjudication shall only apply to the article, section, paragraph, subdivision, clause or provision so adjudged and the remainder of these Regulations shall remain valid and effective provided effect can be given thereto without such invalid part or parts.

14.0 EFFECTIVE DATE

14.1 These Regulations shall take effect upon the effective date of the Ordinance Pertaining to Orange Water Pollution Control Authority adopted by the Orange Board of Selectmen.

ORANGE WATER POLLUTION
CONTROL AUTHORITY

By _____

Raymond O'Connor
Chairman