

Town of West Boylston

Sewer Use Regulations



West Boylston Sewer Commissioners

1998

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SEWER USE REGULATIONS

REGULATIONS GOVERNING THE USE OF PUBLIC AND PRIVATE SEWERS AND DRAINS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER SYSTEM; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF; IN THE TOWN OF WEST BOYLSTON, WORCESTER COUNTY, COMMONWEALTH OF MASSACHUSETTS.

Be it ordained and enacted by the **Sewer Commission** of the Town of West Boylston, of the Commonwealth of Massachusetts, as follows:

ARTICLE 1 - DEFINITIONS

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

- 1.1 "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 (5) days at 20°C, expressed in milligrams per liter.
- 1.2 "Building Drain" shall mean that part of the lowest piping of a drainage system which receives the discharge of wastewater from inside the walls of the building and extends to ten (10) feet outside the inner face of the building wall.
- 1.3 "Building Sewer" shall mean the extension from the building drain to the public sewer or other place of disposal, also called house or building connection.
- 1.4 "City" shall mean the city of Worcester, Massachusetts.
- 1.5 "Commission" shall mean the **Sewer Commission** of the town of West Boylston or any agent or officer duly authorized to act in its place.
- 1.6 "DEP" shall mean the Department of Environmental Protection or any agent or officer duly authorized to act in its place.
- 1.7 "District" shall mean the Upper Blackstone Water Pollution Abatement District or any agent or officer duly authorized to act in its place.
- 1.8 "Easement" shall mean an acquired legal right for the specific use of land owned by others.
- 1.9 "Floatable Oil" is oil, fat, or grease in a physical state such that it will separate by gravity from wastewater by treatment in an approved pre-treatment facility. A wastewater shall be considered free of floatable oil if it is properly pretreated and the wastewater does not interfere with the collection system.
- 1.10 "Garbage" shall mean the animal and vegetable waste resulting from the handling, preparation, cooking, and serving of foods.
- 1.11 "Holden" shall mean the town of Holden or any agent or officer duly authorized to act in its place.
- 1.12 "Industrial Wastes" shall mean the wastewater from industrial processes, trade, or business as distinct from domestic (sanitary) wastes.
- 1.13 "Natural Outlet" shall mean any outlet, including storm sewers into a watercourse, pond, ditch, lake, or other body of surface or groundwater.
- 1.14 "May" is permissive (see "Shall", 1.25).
- 1.15 "MDC" shall mean the Metropolitan District Commission or any agent or officer duly authorized to act in its place.
- 1.16 "NPDES Permit" shall mean the discharge permit issued to a treatment works pursuant to the National Pollution Discharge Elimination System.

1.17 "Person" shall mean any individual, firm, company, association, society, corporation, partnership, group, or any political subdivision of the Commonwealth.

1.18 "pH" shall mean the negative logarithm of the hydrogen ion concentration. The concentration is the weight of hydrogen ions, in grams, per liter of solution. Neutral water, for example, has a pH value of 7 and a hydrogen ion concentration of 10^{-7} .

1.19 "Properly Shredded Garbage" shall mean the wastes from the preparation, cooking, and dispensing of food that have 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 in any dimension.

1.20 "Public Sewer" shall mean a common sewer controlled by a governmental agency or public entity.

1.21 "(Sanitary) Sewer" shall mean a pipe or conduit that carries liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions together with minor quantities of ground, storm, and surface waters that are not admitted intentionally.

1.22 "Septage" shall mean the wastes from holding tanks such as chemical toilets, campers, or trailers; and wastes from septic tanks and cesspools.

1.23 "Sewage" is the used water of a community. The preferred term is "wastewater", (see 1.32).

1.24 "Sewer" shall mean a pipe or conduit that carries wastewater.

1.25 "Shall" is mandatory (see "May", 1.14).

1.26 "Sludge" shall mean the waste solids from a wastewater treatment facility.

1.27 "Slug" shall mean: a) Any discharge of water or wastewater which, in concentration of any given constituent or in quantity of flow, exceeds five (5) times the average twenty-four (24) hour concentration or five (5) times the normal operating flow for more than fifteen (15) minutes and adversely affects the collection system and/or the performance of the wastewater treatment works. b) Any discharge at a flow rate or concentration which could cause a violation of the prohibited discharge standards in Article III Section 3 of the Upper Blackstone Water Pollution Abatement District's regulations or any discharge of a non-routine, episodic nature, including but not limited to, an accidental spill or a non-customary batch discharge.

1.28 "Storm Drain" (sometimes termed "storm sewer") shall mean a pipe or conduit for conveying stormwater, groundwater, subsurface water, or unpolluted water from any source.

1.29 "Superintendent" shall mean the **Superintendent** of the **Sewer Department** of the Town of West Boylston or his authorized deputy, agent, or representative.

1.30 "Suspended Solids" shall mean total suspended matter that either floats on the surface of, or is in suspension in, water, wastewater, or other liquids, and that is removable by laboratory filtering as prescribed in "Standard Methods for the Examination of Water and Wastewater" and referred to as nonfilterable residue.

1.31 "Town" shall mean the town of West Boylston, Massachusetts or any duly authorized officer, agent or representative of the town of West Boylston.

1.32 "Unpolluted Water" is water of quality equal to or better than the effluent criteria in effect or water that would not cause violation of receiving water quality standards and would not be benefitted by discharge to the sewers and wastewater treatment facilities provided.

1.33 "Wastewater" shall mean the used water of a community and may be a combination of the liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions together with any minor quantities of groundwater, surface water, and stormwater that are not admitted intentionally.

1.34 "Wastewater Facilities" shall mean the structures, equipment, and processes required to collect, transport, and treat domestic and industrial wastes and dispose of the effluent.

1.35 "Wastewater Treatment Facility" shall mean an arrangement of devices and structures for treating wastewater, industrial wastes, and sludge. Sometimes used as synonymous with "waste treatment plant" or "wastewater treatment plant" or "water pollution control plant".

1.36 "Watercourse" shall mean a natural or artificial channel for the passage of water either continuously or intermittently.

ARTICLE 2 - USE OF PUBLIC SEWERS REQUIRED

2.1 It shall be unlawful to discharge directly to any natural outlet within the town of West Boylston, or in any area under the jurisdiction of said Town, any wastewater or other polluted water, without the applicable state and federal discharge permits.

2.2 As stipulated by the Board of Health it shall be unlawful for property owners to construct or repair any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of wastewater where a public sewer is within one hundred (100) feet of the property line and where permission to enter such sewer can be obtained from the authority having jurisdiction over it.

2.3 The owners 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, are hereby required at their expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of these regulations within ninety (90) days after date of receipt of official notice from the Board of Health acting under the provisions of Title 5 of the "State Environmental Code for the Commonwealth of Massachusetts, Minimum Requirements for the Subsurface Disposal of Sanitary Sewage" or regulations relative

thereto, provided that the public sewer is within one hundred (100) feet of the property line. Said connections shall be made without exception, unless the requirement is waived in accordance with Board of Health Regulations.

ARTICLE 3 - PRIVATE SEWAGE DISPOSAL

3.1 Where a public sewer is not available under the provisions of Section 2.3, the building sewer shall be connected to a private wastewater disposal system complying with the requirements of the Board of Health and/or the Massachusetts Department of Environmental Protection.

ARTICLE 4 - BUILDING SEWERS AND INSTALLATION

4.1 No person(s) shall uncover (excavate), make any connections to, or opening into, use, alter, or disturb any public sewer or appurtenances thereof without first obtaining a written permit from the **Superintendent**. Any person proposing a new discharge into the public sewer or a change in the volume or character of pollutants that are being discharged into the public sewer shall notify the **Superintendent** and the District at least forty-five (45) days prior to the proposed change or connection.

4.2 There shall be two (2) classes of building sewer installation permits: (a) for residential and commercial service and (b) for service to establishments producing industrial waste flow (see "Industrial Waste," Section 1.12) or any flow greater than 25,000 gallons per day. In either case, the owner(s) or his agent shall make a permit application to the **Superintendent** and the District. The permit application shall be supplemented by plans, specifications, or other information considered pertinent in the judgement of the **Superintendent**. A permit application fee which shall include the routine costs associated with the inspection of the building sewer installation, by the **Superintendent**, shall be paid to the Town at the time the application is filed. Permit application fees shall be levied as follows:

- a. Residential & Commercial (less than or equal to 25,000 gpd): \$
- b. Industrial waste flow (or any flow greater than 25,000): \$

The **Superintendent** shall grant permits to applicants proposing to connect building sewers to the public sewers in accordance with the terms of these regulations.

The **Superintendent** shall keep a complete record, in books made for that purpose, of permits granted, giving the name of the street, the number of the estate if any, the name of the owner, the size, kind, and location of the building sewers and other private sewers connected to the public sewers, the name of the drainlayer making the connection, and of other such facts as may

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be relevant to the **Sewer Commission's** performance of its duties. Said records shall be open to inspection by the District and its duly authorized agents upon request.

No work of laying or repairing building and other private sewers and appurtenances shall be commenced or allowed to continue unless the permit to do so is at the site of the work in the hands of the drainlayer or its employee. All work shall be completed within sixty (60) days from the issuance of the permit. If not so completed, a new permit or written extension of time shall be obtained to validate continuance of the work. No additional fee shall be charged for a request for such extension of time.

4.3 All costs and expenses incidental to the installation of the building sewer and connection of the building sewer to the public 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 or other private sewer.

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 private sewer is available or can in any way be constructed to the rear building. In this case, the front building sewer may be extended to the rear building and the whole considered as one building sewer. The Town does not and will not assume any obligation or responsibility for damage caused by or resulting from any such joint connection aforementioned.

4.5 Existing (old) building sewers may be used in connection with new building sewer construction only when they are found, on examination and test by the **Superintendent**, to meet all requirements of these regulations. The cost of any such tests required to confirm or disavow the acceptability of an existing building sewer shall be the responsibility of the building owner.

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 and backfilling the trench shall conform to the requirements of the **Sewer Commission** and the building and plumbing code or other applicable rules and regulations of the Town. In the absence of code provisions or in amplification thereof, the materials and procedures as set forth in appropriate specifications of the American Society of Testing Materials (ASTM), the Water Environment Federation (WEF) formerly Water Pollution Control Federation (WPCF) Manual of Practice No. 7 "Operation and Maintenance of Wastewater Collection Systems," WPCF Manual of Practice No. FD-5 and the American Society of Civil Engineers (ASCE) Manuals and Reports in Engineering Practice No. 60 "Gravity Sanitary Sewer Design and Construction" and WPCF Manual of Practice No. FD-4 "Design of Wastewater and Stormwater Pumping Stations" shall apply.

4.7 The **Superintendent** has the right to require, as a condition of a permit

issued to an industrial discharger at his discretion, the owner of any building, existing or proposed, to construct a metering/sampling manhole at every building sewer connection to the public sewer. This manhole, located adjacent to the public sewer, with frame and cover brought to grade, and just upon the owner's property, will be constructed for the purpose of allowing the **Superintendent** and the District the ability to enter upon said property to inspect the constituents in and quantity of flow being discharged to the public sewer. This metering/ sampling manhole must conform to the requirements and specifications of the **Sewer Commission** and the District and will be a mandatory requirement of the sewer installation permit, and will be subject to the inspection and approval of the **Superintendent** and the District. In the absence of code provisions or in amplification thereof, the materials and procedures as set forth in appropriate specifications of ASTM, the WPCF Manual of Practice No. 7, the WPCF Manual of Practice No. FD-5 and the ASCE Manuals and Reports on Engineering Practice No. 60 and WPCF Manual of Practice No. FD-4 shall apply.

4.8 Whenever possible, the building sewer shall be connected 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, the wastewater carried by such building drain shall be pumped by an approved means and discharged to the building sewer or public sewer. Shop drawings and design calculations of proposed pumping equipment must be submitted to the **Superintendent** for approval.

4.9 No person(s) shall make connection of non-contact cooling waters, 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 the public sewer.

4.10 Any person(s) found discharging non-contact cooling waters to the public sewer shall be subject to penalties as set forth in Article 8 of these Regulations.

4.11 The connection of the building sewer to the public sewer shall conform to the requirements of the **Sewer Commission** and the building and plumbing code and other applicable rules and regulations of the Town, or to procedures set forth in appropriate specifications of the ASTM, the WPCF Manual of Practice No. 7, the WPCF Manual of Practice No. FD-5 and the ASCE Manuals and Reports on Engineering Practice No. 60 and WPCF Manual of Practice No. FD-4 if no applicable local standard has been adopted. All such connections shall be made gastight and watertight and verified by proper testing. Any deviation from the prescribed procedures and materials must be approved by the **Superintendent** before installation. Non-approved materials will be required to be removed at the expense of the applicant.

4.12 The applicant for the building sewer permit shall notify the **Superintendent** when the building sewer is ready for inspection, testing and

connection to the public sewer. The connection and testing shall be made under the supervision of the **Superintendent** or his representative, and no backfilling is allowed until all appropriate inspections are made. If the pipe trench is backfilled before required inspection occurs, then the pipe shall be exposed for inspection.

4.13 All excavations for building sewer installation shall be guarded adequately with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Town.

4.14 No person shall lay any building sewer to other private sewer or make any connection into any public sewer unless such person is duly licensed to lay said sewer by the Town licensing authority.

4.15 No person duly licensed to construct building and other private sewers and make connections with public sewers shall incur the penalty stipulated in the licensing authority's regulations.

- Any drainlayer violating any provision of these Regulations shall incur the penalty stipulated in the licensing authority's regulations.
- Installation and use of any grinder pump unit shall conform with the attached Grinder Pump Use Regulations.

ARTICLE 5 - USE OF THE PUBLIC SEWERS

5.1 No person(s) shall discharge or cause to be discharged any unpolluted waters such as stormwater, surface water, groundwater, roof runoff, subsurface drainage or uncontaminated cooling water to any sanitary sewer.

5.2 No person(s) shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

5.2.1 Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas including but not limited to wastestreams with a closed cup flashpoint of less than 140°F or 60°C using the test methods specified in 40 CFR 261.21.

5.2.2 Any waters containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any waste treatment process, constitute a hazard to humans or animals, create a public nuisance, cause acute worker health and safety problems within the wastewater facilities or create any hazard in the receiving waters of the wastewater treatment plant.

5.2.3 Any water or wastes having a pH lower than 6.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the wastewater facilities.

5.2.4 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 wastewater facilities such as, but not limited to, ashes, bones, cinders, sand, shavings, shells, mud, straw, metal, glass, rags, feathers,

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tar, plastics, wood, garbage, whole blood, paunch manure, hair and fleshings, entrails, and paper products either whole or ground by garbage grinders or other similar products.

5.2.5 Any Septage.

5.2.6 Sludges or deposited solids resulting from a wastewater treatment, industrial process or pretreatment process.

5.2.7 Any substance with heat in amounts that may adversely affect biological activity and interfere, with the operation of the wastewater treatment facility but in no case may temperature at the point of entry to the sewers exceed 66°C, (150°F) or cause wastewater influent to the wastewater treatment facilities to exceed 40°C (104°F).

5.2.8 Any pollutant, including oxygen demanding pollutants, released at a discharge rate or concentration that may interfere or pass through.

5.2.9 Petroleum, oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.

5.2.10 Any trucked or hauled pollutants, except at discharge points designated by the **Superintendent** or District.

5.2.11 Waters or wastes containing substances which are not amenable to treatment or reduction by the sewerage treatment process employed, or are amenable to treatment only to such degree that the wastewater treatment facility effluent cannot meet the requirements of its permit or of standards set by other agencies having jurisdiction over discharge of effluent to the receiving waters.

5.3 No person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes. The substances prohibited are:

5.3.1 Any liquid or vapor having a temperature higher than one hundred fifty (150) °F (66°C).

5.3.2 Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) °F (0 and 66°C).

5.3.3 Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths (3/4) horsepower (0.76 hp metric) or greater shall be subject to the review and approval of the **Superintendent**.

5.3.4 Any waters or wastes containing strong acid, iron pickling wastes, or concentrated plating solutions whether neutralized or not.

5.3.5 Any waters or wastes containing iron, chromium, copper, zinc, antimony, arsenic, barium, beryllium, boron, cadmium, lead, manganese, mercury, nickel,

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selenium, silver, tin, and similar objectionable or toxic metal substances; or wastes exerting an excessive chlorine requirement.

5.3.6 Any waters or wastes containing phenols or other taste or odor producing substances, in such concentrations exceeding limits which may, after treatment of the composite sewage, fail to meet the requirements of the State, Federal, or other public agencies with jurisdiction for such discharge to the receiving waters.

5.3.7 Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the **Superintendent** in compliance with applicable State or Federal regulations.

5.3.8 Any waters or wastes having a pH in excess of 9.5.

5.3.9 Materials which exert or cause:

5.3.9.1 Unusual concentration 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, sodium sulfate, and ferrous ion compounds).

5.3.9.2 Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).

5.3.9.3 Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the wastewater treatment facility.

5.3.9.4 Unusual volume of flow or concentration of wastes constituting a slug.

5.3.10 Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment process employed, or are amenable to treatment only to such degree that the wastewater treatment facility effluent cannot meet the requirements of its permit or standards set by other agencies having jurisdiction over discharge to the receiving waters.

5.4 If any waters or wastes are discharged or are proposed to be discharged by industrial waste dischargers to the public sewers, which contain the substances or possess the characteristics enumerated in Sections 5.2 and 5.3, or which, in the judgment of the **Superintendent** or District, may have a deleterious effect upon the wastewater facilities, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the **Superintendent** or District may:

5.4.1 Reject the wastes,

5.4.2 Require pretreatment to an acceptable condition for discharge to the public sewers,

5.4.3 Require control over the quantities and rates of discharge,

5.4.4 Deny or condition new or increased contributions of pollutants or changes in the nature of pollutants to the wastewater treatment facility by industrial users where such contributions do not meet applicable pretreatment standards or requirements or where such contributions would cause the wastewater treatment facility to violate its permit.

5.4.5 Require payment to cover added cost of handling and treating the wastes not covered by existing taxes or sewer user charges under the provisions of Section 5.9.

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

5.5 Grease, oil, and sand interceptors shall be provided when, in the opinion of the **Superintendent**, they are necessary for the proper handling of liquid wastes containing floatable oil in excessive amounts, as specified in Section 5.3.2, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the **Superintendent**, and shall be located as to be readily and easily accessible for cleaning and inspection. In the maintaining of these interceptors, 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 **Superintendent**. Any removal and handling of the collected materials not performed by owner(s)' personnel must be performed by currently licensed waste disposal firms.

5.6 Where pretreatment or flow-equalizing facilities are provided or required for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner(s) at his expense.

5.7 When required by the **Superintendent** or the District, 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 observation, sampling, and measurement of the wastes. Such structure, when required, shall be accessibly and safely located and shall be constructed in accordance with plans approved

by the **Superintendent** and the District. 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.

The location of control manholes for purposes of sampling industrial waste subject to Federal Categorical Pretreatment Standards shall be at the end of the process. All non-categorical limitations imposed by these regulations are applied at the end-of-pipe connection to the publicly owned sewer system. These regulations apply to process wastewater as defined in 40 CFR 401.11 (q). boiler blowdown, non-contact cooling water and sanitary waste are classified as dilution wastestreams.

5.8 All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in these regulations shall be determined in accordance with the procedures in 40 CFR 136, and shall be determined at the control structure provided, or upon suitable samples taken at said control structure. In the event that no special structure has been required, the control structure 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 to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a property is appropriate or whether a grab sample or grab samples may be taken. Normally, but not always, BOD and suspended solids analyses are obtained from 24-hour composites of all outfalls, whereas pH is determined from periodic grab samples.

5.8.1 All industries discharging into a public sewer shall perform such monitoring of their discharges as the **Superintendent**, the District and/or other duly authorized employees of the Town may reasonably require, including installation, use, and maintenance of monitoring equipment, keeping records and reporting the results of such monitoring to the **Superintendent** and the District. Such records shall be made available, upon request by the **Superintendent** and the District, to other agencies having jurisdiction over discharges to the receiving waters.

5.9 No statement contained in this Article shall be construed as preventing any special agreement or arrangement between the Commission and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the **Superintendent** or District for treatment subject to payment therefore, by the industrial concern. Any agreement with an industrial or commercial concern shall require compliance with Federal Pretreatment Regulations and Local Pretreatment Regulations.

ARTICLE 6 - INDUSTRIAL PRETREATMENT AND DISCHARGE PERMITS

6.1 The attached Article IV of the District Revised Sewer and Pretreatment Regulations shall govern industrial pretreatment and discharge permit requirements for the town of West Boylston.

ARTICLE 7 - PROTECTION FROM DAMAGE

7.1 No person(s) shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance or equipment which is a part of the wastewater facilities of the Commission or the District. Any person(s) violating this provision shall be subject to all civil or criminal penalties as provided by Massachusetts General Laws or these regulations.

7.2 No unauthorized person shall enter or remain in or upon any land or structure used for wastewater facilities of the Commission or District. Any person violating this provision shall be subject to immediate arrest under charge to trespass.

ARTICLE 8 - POWERS AND AUTHORITY OF INSPECTORS

8.1 The **Superintendent** and other duly authorized employees or agents of the Commission or District bearing proper credentials and identification shall be permitted to enter, at reasonable times, all private properties connected with public sewers for the purposes of inspection, observation, measurement, sampling, and testing pertinent to discharge to the wastewater facilities in accordance with the provisions of these regulations. They may inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, plating, or other industrial activity that contribute waters or wastes to the public sewers, and to inspect and copy records.

8.2 The **Superintendent** or other duly authorized employees or agents of the Commission or District are authorized to obtain information concerning industrial processes which have a direct bearing on the kind and source of discharge to the wastewater facilities. The industry may withhold information considered confidential. However, the industry must establish that disclosure of the information in question to the public might result in an advantage to competitors.

8.3 While performing the necessary work on private properties referred to in Section 8.1, the **Superintendent** or duly authorized employees or agents of the Commission or District shall observe all safety rules applicable to the premises.

8.4 The **Superintendent** and other duly authorized employees or agents of the Commission or District bearing proper credentials and identification shall be

permitted to enter all private properties through which the Town holds an easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the wastewater facilities 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 involved.

ARTICLE 9 - PENALTIES

9.1 Whenever on the basis of information available to it, the Commission or District finds any person to be violating any provision of these regulations, the Commission or District may take any or all of the following actions:

9.1.1 Issue an order to cease and desist any such violation;

9.1.2 Issue an implementation schedule ordering specific actions to be taken and time schedule;

9.1.3 Fine said person up to \$5,000.00 per day for each violation pursuant to M.G.L. Chapter 83, Section 10;

9.1.4 Bring a civil or criminal action as provided by law;

9.1.5 Take any other action available to it under federal, state, or local laws or regulations.

9.2 Any person violating the provisions of these regulations shall become liable to the Commission or District and/or District for any expense, loss, or damage incurred by the Commission or District and/or District by reasons of such violation, including but not limited to any fines, charges, or assessments made or imposed on the Town by federal, state, or local agency.

ARTICLE 10 - VALIDITY

10.1 The invalidity of any section, clause, sentence, or provisions of these regulations shall not affect the validity of any other part of these regulations which can be given effect without such invalid part or parts.

10.2 These regulations do not supersede regulations of the District.

ARTICLE 11 - APPEALS

11.1 Sewer users shall submit a written application to the District for arbitration of differences between the **Superintendent** and/or District and sewer users on matters concerning interpretation and execution of the provisions of these regulations. The District Hearing board proceedings as outlined in the attached Article VIII of the District Revised Sewer and Pretreatment Regulations shall be followed.

ARTICLE 12 - ASSESSMENTS

12.1 The **Sewer Commission** shall determine the method of assessment of the cost of public sewers to sewer users.

ARTICLE 13 - CHANGES IN THESE REGULATIONS

13.1 These regulations may be rescinded or modified or added to by the **Sewer Commission** at any time when, in their opinion, such action is in the best interests of the Town of West Boylston, provided all provisions of the Massachusetts General Laws, as amended, have been complied with.

ARTICLE 14 - REGULATIONS IN FORCE

14.1 In addition to the rules and regulations set forth herein, all persons shall comply, in full, with the rules and regulations governing the use of MDC sewers, Holden sewers, city of Worcester sewers and the Upper Blackstone Water Pollution Abatement District Sewer and Pretreatment Regulations.

14.2 These regulations shall be in full force and effect from and after passage, approval or publication as provided by law.

14.3 Passed and adopted by the **Sewer Commission** of the Town of West Boylston, State of Massachusetts, on the day of , 19..

Attest:

(Town Clerk)

**APPLICATION FOR A RESIDENTIAL OR COMMERCIAL BUILDING SEWER
INSTALLATION PERMIT**

Wastewater flow equal to or less than 25,000 gallons per day (gpd)

To the Town of West Boylston **Sewer Commission**

The undersigned, being the of

(Owner, Owner's Agent)

the property located at,

(Number) (Street)

does hereby request a permit to install and connect a 6-inch building sewer to serve the

(Residence, Commercial Building, etc.)

at said location.

The undersigned is hereby to arrange for a plumbing inspection of the premises by the Town of West Boylston Office of the Building Inspector prior to the issuance of this sewer installation permit. This permit will not be granted until the **Sewer Commission** receives a copy of the plumbing inspection form.

WEST BOYLSTON PLUMBING INSPECTION/SEWER INSTALLATION

NO.

DATE

1. The following indicated fixtures will be connected to the proposed building sewer:

Number Fixture Number Fixture

Kitchen sinks Water closets

Lavatories Bath tubs

Laundry tubs Showers

Urinals Garbage grinders - HP

Specify other fixtures:

2. The maximum number of persons who will use the above fixtures is .

3. The name and address of the person or firm who will perform the proposed work covered by this permit is .

4. Plans and specifications for the proposed building sewer are attached hereunto as Exhibit "A".

In consideration of the granting of this permit, the undersigned agrees:

1. To accept and abide by all provisions of the Sewer Use Regulations of the town of West Boylston, and of all other pertinent ordinances or regulations that may be adopted in the future.

2. To maintain the 6-inch building sewer at no expense to the Town.

3. To notify the **Superintendent** of the **Sewer Department** when the 6-inch building sewer is ready for inspection and connection to the public sewer, but before any portion of the excavation is backfilled and buried.

4. To submit to the **Superintendent** a record plan (as-built) on 8-1/2-inch by 11-inch paper showing the location, depth and measurements (ties) of the building sewer.

Date: Signed

(Applicant)

(Address of Applicant)

\$_permit fee* paid.

Application approved and permit issued:

Date: Signed

(Sewer Commission)

*Permit fee includes inspection fee.

APPLICATION FOR A INDUSTRIAL BUILDING
SEWER INSTALLATION PERMIT

Wastewater flow containing industrial
wastes and/or flow greater than
25,000 gallons per day (gpd)

To the Town of West Boylston **Sewer Commission:**

The undersigned being the
(Owner, Lessee, Tenant, etc.)

of the property located at

does hereby request a permit to
(Install, Use)

a -inch industrial building sewer serving the
(Name of Company)

which company is engaged in

at said location.

The undersigned is hereby to arrange for a plumbing inspection of the premises by the Town of West Boylston Plumbing Inspector prior to the issuance of this sewer installation permit. This permit will not be granted until the **Sewer Commission** receives a copy of the plumbing inspection form.

WEST BOYLSTON PLUMBING INSPECTION/SEWER INSTALLATION

NO.

DATE

1. A plot of the property showing all sewers and drains now existing is attached hereunto as Exhibit "A".
2. Plans and specifications covering any work proposed to be performed under this permit is attached hereunto as Exhibit "B".
3. A complete schedule of all process waters and industrial wastes produced or expected to be produced at said property, including a description of the character of each waste, the daily volume and maximum rates of discharge, and representative analyses, is attached hereunto as Exhibit "C".
4. The name and address of the person or firm who will perform the work covered by this permit is .

In consideration of the granting of this permit, the undersigned agrees:

1. To furnish any additional information relating to the installation or use of the industrial building sewer for which this permit is sought as may be requested by the **Superintendent** of the **Sewer Department**.
2. To accept and abide by all provisions of the Sewer Use Regulations of the Town of West Boylston, Massachusetts, and of all other pertinent ordinances or regulations that may be adopted in the future.
3. To operate and maintain the building sewer and any industrial waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the Town.
4. To cooperate at all times with the **Superintendent** of the **Sewer Department** and his representatives in their inspecting, sampling, and study of the industrial wastes, and any facilities provided for pretreatment.
5. To notify the **Superintendent** of the **Sewer Department**, immediately, in the event of any accident, negligence, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.
6. To notify the **Superintendent** of the **Sewer Department** when the -inch building sewer is ready for inspection and connection to the public sewer, but before any portion of the excavation is backfilled and buried.
7. To submit to the **Superintendent** a record plan (as-built) on 8-1/2-inch by

11-inch paper showing the location, depth and measurement (ties) of the building sewer.

Date: Signed

(Applicant)

(Address of Applicant)

\$_Permit fee* paid.

Application approved and permit issued:

Date: Signed

(Sewer Commission)

*Permit fee includes inspection fee.

APPLICATION FOR DRY BUILDING SEWER INSTALLATION PERMIT

To the Town of West Boylston **Sewer Commission**

The undersigned, being the of

(Owner, Owner's Agent)

the property located at

(Number) (Street)

does hereby request a permit to install and connect a 6-inch building sewer to serve the

(Residence, Commercial Building, etc.)

at said location.

The undersigned is hereby to arrange for a plumbing inspection of the premises by the Town of West Boylston Office of the Building Inspector prior to the issuance of this sewer installation permit. This permit will not be granted until the **Sewer Commission** receives a copy of the plumbing inspection form.

The undersigned hereby acknowledges that this permit for construction of a sewer service is being approved for the convenience of the property owner. The Town of West Boylston Sewer Commission recommends The owner does not install said building sewer until after the sewer construction is complete

There is no way to guarantee the building sewer shall be at the correct elevation to allow connection to the sewer main until the main is fully installed. The elevation of the main will not be dictated by any single service and the property owner must understand that the construction of a dry service is being conducted at the risk of the property owner.

At this time the Town of West Boylston is not collecting connection inspection fees. This fee shall be paid at the time the actual connection is made to the Town's system.

The undersigned is accepting full liability for all work. And indemnifies the

Town of West Boylston, and all it's agents and agrees to hold them harmless for wok permitted and inspected under this permit.

Signature

Name (Please Print)

WEST BOYLSTON PLUMBING INSPECTION/SEWER INSTALLATION

NO

DATE

1. The following indicated fixtures will be connected to the proposed building sewer:

Number Fixture Number Fixture

Kitchen sinks Water closets

Lavatories Bath tubs

Laundry tubs Showers

Urinals Garbage grinders - HP

Specify other fixtures:

2. The maximum number of persons who will use the above fixtures is

3. The name and address of the person or firm who will perform the proposed work covered by

this permit is

4. Plans and specifications for the proposed building sewer are attached hereunto as Exhibit "A".

In consideration of the granting of this permit, the undersigned agrees:

1. To accept and abide by all provisions of the Sewer Use Regulations of the town of West Boylston, and of all other pertinent ordinances or regulations that may be adopted in the future.
2. To maintain the 6-inch building sewer at no expense to the Town.
3. To notify the **Superintendent** of the **Sewer Department** when the 6-inch building sewer is ready for inspection and connection to the public sewer, but before any portion of the excavation is backfilled and buried.
4. To submit to the **Superintendent** a record plan (as-built) on 8-1/2-inch by 11-inch paper showing the location, depth and measurements (ties) of the building sewer.

Date: Signed

(Applicant)

(Address of Applicant)

\$_permit fee* paid.

Application approved and permit issued:

Date: Signed

(Sewer Commission)

*Permit fee includes inspection fee.

CONSTRUCTION REQUIREMENTS FOR SANITARY BUILDING SERVICES

WEST BOYLSTON SEWER COMMISSION

Purpose

This document has been drafted by the West Boylston Sewer Commission to define the minimum requirements for construction of sanitary sewer services. The materials and methods of construction detailed in this document are defined to promote consistency of construction, reduce infiltration and eliminate the use of poor quality

materials and methods.

This document will be used as a guide by the Board of Sewer Commissioners and the Superintendent of Sewers for matters concerning the physical construction of building connections.

Specifications

Pipe

Shall be bell and spigot type, with a minimum inside diameter of 6 inches

PVC SDR35 meeting ASTM D3034-sdr 35 4" -15", "Specification for Type PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings"

All cutting of pipe shall be done with a machine suitable for cutting PVC pipe. Cut ends shall be beveled when recommended by the pipe manufacturer.

All services shall be installed at a minimum slope of ¼" per foot.

All services shall be installed at a maximum slope of 8 %. In no case should the velocity of the flow in the service exceed 12 feet per second.

The pipe shall have a Manning's "n" coefficient of 0.009.

Joints

The design of the joints shall meet ASTM D3212.

Joints shall have flexible elastomeric seals meeting ASTM F 477.

Bedding

Service connections shall be surrounded by 6 inches of ¾ inch crushed stone, meeting Massachusetts Highway Department Standard Specifications for Highways and Bridges, section M2.01.4. no other material may be within 6 inches of the pipe.

Installation

All construction methods shall comply with ASTM 2321, "Recommended Practice for Underground Installation of Flexible Thermoplastic Sewer Pipe"

Clean-outs shall be provided at all changes in line and grade.

At the time of inspection and at all times during the installation, the contractor shall have suitable equipment for the installation of the service connection, including equipment for the determination of grade and elevation available for use by the Town's inspector.

No work will take place in the right of way without first securing a Road Opening Permit from the West Boylston Streets and Parks Department.

All permits shall be maintained on site for the entire duration of the work.

All service connections must connect to sewer laterals or mains by way of wye or tee. If no wye or tee is available, the superintendent may allow the main be cut with proper equipment and a tee saddle or tee insert attached.

Services should enter the main above the mid-point of the sewer.

At the completion of construction, the contractor shall return the trench to the original condition and elevation unless directed otherwise by the property owner in writing.

The Town reserves the right to require pressure testing of building services.

Sanitary Sewer lines must be kept 10' from all water supply lines. In the event Sewer and Water lines need to cross, they should cross perpendicularly and maintain at least 18" of separation.

As-Built Drawing

The contractor shall provide an as-built drawing to the Sewer Department at the time of request for inspection. This drawing shall be neat, legible and fit onto an 8 1/2" by 11" piece of paper. More than one sheet may be used if necessary. The drawing shall show all lengths of pipe, connections, elevations, diameters and slopes. Three ties to permanent fixtures and depth below surface shall be shown for each change in line or grade, the beginning and the end of each service connection. Location and elevation of all bench mark information shall be provided.

The provided as-built drawing will be checked by the inspector. Inconsistencies between field measurements and as-built measurements will be noted and put in the drain layer's file for Board of Sewer Commissioners review and action.