

SEWER USE ORDINANCE
FOR
TOWN OF MACHIAS, MAINE

March 25, 2000
June 13, 2012
Amended March 26, 2025

Sewer Use Ordinance
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The purpose of this Ordinance is to promote the health and general welfare of the citizens of the Town of Machias by regulating and restricting the construction and use of sewerage systems and the accumulation, transportation, treatment and disposal of sewage in such a manner that the creation of any sewerage system, whether public, private, or industrial, shall not result in pollution, health hazard, or other nuisance. Hereafter, any person owning any building or structure with in the town of Machias which is the source of sewage and/or industrial wastes, or who proposes to erect such building or structure, shall conform to the requirements of this Ordinance.

SECTION 100.0 – DEFINITIONS

“BOD” (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter in five (5) days at 20 degrees C, expressed in milligrams per liter, as determined by test methods defined in Standard Methods.

“Building Drain” shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning eight (8) feet outside the inner face of the building wall.

“Building Sewer” shall mean the extension from the building drain to the public sewer or other place of disposal.

“**Categorical User**” shall mean any user of the Town’s waste water treatment system whose dischargers are regulated under 40 CFR Part 403 and 40 CFR Parts 405-471, or who is otherwise subject to U.S. EPA pre-treatment requirements as a categorical user.

“**Chlorine Demand**” shall mean the amount of chlorine required to destroy all pathogenic organisms present and oxidize all organic, inorganic and ammonia-based compounds in a sewage stream.

“Town” shall mean the Town of Machias acting through its Selectmen, manager, superintendent, plant operator, employees, code enforcement officer, plumbing inspector, or other duly authorized agent.

“Selectmen” shall mean the duly elected Board of Selectmen of the Town of Machias.

“Combined Sewer” shall mean a sewer receiving both surface runoff and sewage.

SECTION 100.0 – DEFINITIONS – continued

“Developer” shall mean any person or persons who undertake to construct simultaneously, or in planned sequence, more than one housing unit on a given tract or land subdivision, or other land development which is to be connected to the Municipal Sewer System.

“**Engineer**” shall mean a Professional Engineer retained as Town Engineer or Consulting Engineer and retained or appointed by the Machias Town Manager.

“**Excessive**” shall mean masses or concentrations of a constituent in a Sanitary or industrial waste water which, in the judgment of the Town: (a) will cause damage to any facility, (b) will be harmful to any waste water treatment process, (c) cannot be properly removed in the Town’s treatment facilities, (d) may inhibit the final disposal or reuse of the treatment plant’s sludge residuals, (e) can otherwise endanger life or property, or (f) can constitute a nuisance.

“Garbage” shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.

“**Industrial user**” shall mean a person who discharges industrial waste to the POTW of the Town.

“Industrial Wastes” shall mean the liquid or solid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary waste water. Industrial wastes may or may not be discharged separately from sanitary waste waters. For a combined discharge, the Town shall determine if the discharge meets the definition of “industrial wastes”.

“**Interference**” shall mean a discharge, which alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the sewage works, its treatment processes or operations or its sludge processes, use or disposal; and therefore is a cause of a violation of the Town’s NPDES permit or of the prevention of sewage sludge use or disposal in compliance with any of the following statutory/regulatory provisions or permits issued there under, or any more stringent State or local regulations: Section 405 of the act; the Solid Waste Disposal Act, including Title II commonly referred to as RCRA; any State regulations contained in any State sludge management plan prepared pursuant to Subtitle D of the Solid Waste Disposal Act; the clean Air Act; the Toxics Substances Control Act; the Marine Protection, Research, and Sanctuaries Act; 40 CFR Part 503 Standards for Sewage Sludge Use and Disposal and RSA 485-A: 4, XVI-a.

SECTION 100.0 – DEFINITIONS – continued

“National Pollutant Discharge Elimination System Permit or NPDES Permit” shall mean a permit issued to the Town pursuant to Section 402 of the Act (33 U.S.C. 1342).

“Natural Outlet” shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.

“Objectionable Waste” shall mean waste that has the demonstrated potential to adversely affect public health or pollute ground and/or surface water.

“Owner” shall mean both the person who is the vested holder of title for any real estate and all tenants, lessees, or others in control or use of the property in question. Excluded from this definition is a mortgagee of the property in question unless the mortgagee exercises his mortgage rights and becomes an owner.

“Pass Through” shall mean a discharge that exits the sewage works into waters of the United States in quantities or concentrations that, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the Town’s NPDES permit, including an increase in the magnitude or duration of a violation.

“Person” shall mean any individual, firm, company, association, partnership, society, corporation, or group.

“PH” shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.

“Plant Operator” shall mean the Superintendent or operator of the Town facilities, or his authorized deputy, agent, or representative, all acting for the Town Selectmen.

“Plumbing Inspector” shall mean the Plumbing Inspector of the Town Of Machias, Maine.

“Pretreatment” shall be the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in waste water prior to, or in lieu of, introducing such pollutants into the sewage works. This reduction or alteration can be obtained by physical, chemical, or biological processes; by process changes; or by other means, except by diluting the concentration of pollutants unless allowed by the applicable pretreatment standard.

SECTION 100.0 – DEFINITIONS – continued

“Pretreatment Requirements” shall be any substantive or procedural requirement related to pretreatment imposed on the user, other than pretreatment standard.

“Pretreatment standard or standards” shall mean prohibited discharge standards, (categorical pretreatment standards), and local limits.

“Private Sewer Systems” shall mean any sewer that collects waste water from two or more building sewers, owned separately, and discharging to a public sanitary sewer. Private sewer systems are not permitted except by specific agreement with the Town.

“Properly Shredded Garbage” shall mean the wastes from the preparation, cooking, and dispensing of food that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch in any dimension.

“Public Sewer” shall mean a sewer in which all owners of abutting properties have equal rights, and is owned by the Town.

“Sanitary Sewer” shall mean a sewer which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.

“Septage” shall mean the mixture of liquids and solid matters removed from septic tanks during normal cleaning.

“Sanitary Waste Water” shall mean the liquid waste discharge from a building’s or structure’s sanitary fixtures, such as toilets, washrooms, urinals, sinks, showers, small laundries, and from kitchens and cafeterias essentially free of industrial wastes or toxic materials. Sanitary waste water may or may not be discharged separately from industrial waste water. For a combined discharge the Town shall determine if a waste water discharge meets the definition “sanitary waste water”.

“Sewage” (sometimes termed “Waste water” or “waste”) shall mean a combination of the water carried wastes from residences, business buildings, institutions and industrial establishments, together with such ground, surface, and storm water as may be present.

“Sewage Treatment Plant or Water Pollution Control Plant” shall mean any arrangement of devices and structures used for treating sewage and industrial waste.

SECTION 100.0 – DEFINITIONS – continued

“Sewage Works” shall mean all municipal facilities for collecting, pumping, treating and disposing of sewage.

“Sewer” shall mean a pipe or conduct for carrying sewage.

“Shall” is mandatory: “May” is permissive.

“**Significant Industrial User**” shall mean a user subject to categorical pretreatment standards; or a user that (a) discharges an average of 10,000 gpd or more of process waste water to the sewage works, excluding sanitary, non-contact cooling, and boiler blow down waste water; or (b) contributing a process waste stream which makes up two percent (2%) of more of the average dry weather hydraulic or organic capacity of the sewage works; or (c) is designated as such by the Town on the basis that it has a reasonable potential for adversely affecting the sewage works.

“**Significant Non-compliance or SNC**” shall mean that an industrial user is in significant non-compliance if its violation meets one or more of the following criteria:

- a.) Chronic Violations – A pattern of violating the same pretreatment standard daily maximum or average limit (any magnitude or limit) sixty six percent (66%) or more of the time in a 6 month period.
- b.) Technical Review Criteria (TRC violations) – Thirty three percent (33%) or more of the measurements exceed the same pretreatment standard daily maximum limit or average limit by more than the TRC factor in a six month period. The TRC factor is 1.4 for biochemical oxygen demand (BOD), total suspended solids (TSS), oil & grease and 1.2 for all other pollutants except pH;
- c.) Any other discharge violation that the Plant Operator believes has caused, alone or in combination with other discharges, interference or pass through, including endangering the health of sewage works personnel or the general public;
- d.) Any discharge of pollutants that has caused imminent endangerment to the public or to the environment, or has resulted in the Plant Operator’s exercise of its emergency authority to halt or prevent such a discharge;
- e.) Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in a waste water discharge permit or enforcement order for starting construction, completing construction, or attaining final compliance;

SECTION 100.0 – DEFINITIONS – continued

f.) Failure to provide within thirty (30) days after the date, any required reports, including baseline monitoring reports, Industrial Discharge Permit Applications, reports on compliance with categorical pretreatment standard deadlines, periodic self monitoring reports, and reports on compliance with compliance schedules;

g.) Failure to accurately report non-compliance; or

h.) Any other violation that the Plant Operator determines will adversely affect the operation or implementation of the local pretreatment standards.

“**Slug**” shall mean any discharge of water or waste water in which the rate of discharge, or the mass or concentration of any given constituent exceeds, in the opinion of the Town, the ability of the sewage works to function efficiently or properly.

“Standard Methods” shall mean Standard Methods for the Examination of Water and Waste water, latest edition.

“Storm Drain” (sometimes termed “storm sewer”) shall mean a sewer which carries storm and surface waters and drainage, and/or non-contaminated cooling water, but excludes sewage and industrial wastes.

“Superintendent” shall mean the superintendent of public works and/or superintendent of the sewage works of the Town of Machias, or their authorized representative.

“Suspended Solids” (also called “Total Suspended Solids”) shall mean solids that either float on the surface of, or are in suspension in, water, sewage, or other liquids, and which are determined in accordance with Standard Methods.

“Watercourse” shall mean a channel in which flow of water occurs, either continuously or intermittently.

SECTION 200.0 – PROPER DISPOSAL OF SEWAGE REQUIRED

200.1 It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the Town of Machias, or in any area under jurisdiction of said Town, any human or animal excrement, greywater, garbage, sewage or other objectionable waste. The term “Unsanitary manner” shall not include reasonable spreading of animal excrement or other

SECTION 200.0 – PROPER DISPOSAL OF SEWAGE REQUIRED – continued

200.1 continued

Fertilizer in farming or animal husbandry operations or septage disposed of at a septage site licensed by the State of Maine Department of Environmental Protection and operated in compliance with all State of Maine Department of Environmental Protection site regulations.

200.2 It shall be unlawful to discharge to any natural outlet within the Town of Machias, or in any area under the jurisdiction of said Town, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this Ordinance and the requirements of the State of Maine.

200.3 It shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage, except where no public sewage facilities are available. **Said systems shall be in compliance with the State of Maine Subsurface Wastewater Disposal Rules.**

200.4 Except as herein provided, the owner of all houses, buildings, or properties us for human occupancy, employment, recreation, or other purposes requiring the disposal of sewage situated within the Town and abutting on any street, alley, or right of way in which there is located a public sanitary sewer of the Town is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with then provisions of this Ordinance, provided that said public sewer is within two hundred (200) feet of the structure containing internal plumbing.

SECTION 300.0 – PRIVATE SEWAGE DISPOSAL

300.1 Where a public sanitary sewer is not available the building sewer shall be connected to a private disposal system complying with the requirements of the State of Maine Plumbing Code, Part II, Subsurface Wastewater Disposal Rules and/or Town Ordinances as from time to time amended. An approved private subsurface wastewater disposal system may continue to operate and be utilized until said system fails or malfunctions.

300.2 Before commencement of construction of a private sewage disposal system, the owner shall first obtain a written permit signed by the Plumbing Inspector. The application for such permit shall be made on a form furnished by the Town, which the applicant shall supplement by any plans, specifications, and other information as are deemed necessary by the Plumbing Inspector. A permit and inspection fee shall be paid in advance at the time the application is filed. The amount of this fee shall be set by the Town Selectmen.

SECTION 300.0 – PRIVATE SEWAGE DISPOSAL – continued

- 300.3** A permit for a private sewage disposal system shall not become effective until the installation is completed to the satisfaction of the Plumbing Inspector. He shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the Plumbing Inspector when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within twenty four (24) hours of the receipt of notice by the Plumbing Inspector.
- 300.4** The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times in accordance with the State of Maine Subsurface Wastewater Disposal rules, regulations and laws.
- 300.5** No statement contained in this section shall be construed to interfere with any additional requirements that may be imposed by the Town.
- 300.6** When a public sewer becomes available, the building sewer may continue to utilize a private subsurface wastewater disposal system until **for a period of up to twelve (12) months after the date the public sewer is installed. After this time period, the building will be required to be connected** to said public sewer forthwith and the private septic tank and/or cess pool shall be cleaned of sludge and filled with clean bankrun gravel or dirt, or otherwise made to comply with State law, rules and regulations.
- 300.7** The contents from septic tanks of Machias properties may be discharged to the sewage treatment plant upon approval from the superintendent of the plant or agent. A fee shall be paid to the Town prior to discharge. The amount of the fee shall be set by the Town Selectmen.
- 300.8** There shall be no discharge of industrial waste to the Machias River or any water body unless the discharging party affirmatively proves to the Town's reasonable satisfaction that the proposed industrial waste discharge will, at all times, meet the State of Maine Department of Environmental Protection and United States Environmental Protection Agency discharge standards applicable to the Machias Wastewater Treatment facility as from time to time established.

SECTION 400.0 – BUILDING SEWERS AND CONNECTIONS

- 400.1** No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Town or authorized representative. All work related to the installation of building sewers and the connection to the public sewer shall be performed by persons qualified in this class of work and acceptable

SECTION 400.0 – BUILDING SEWERS AND CONNECTIONS – continued

400.1 –continued

to the Town of Machias. Said work shall be completed in compliance with all Municipal Ordinances and State of Maine Laws and Regulations with inspection by the Town for compliance. Failure to comply with inspection provisions may result in excavating the installation for inspection.

- 400.2** There shall be two (2) classes of building sewer permits: (a) for residential and commercial service, and (b) for service to establishments producing industrial wastes. In either case, the owner or his agent shall make application on a special form furnished by the Town. This permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the Town. A fee for a connection and inspection permit for a sewer entrance to the Town sewer shall be paid to the Town prior to connection to the Town sewer. The amount of said fee shall be as from time to time established by the Town of Machias Selectmen.

In the case of multiple building units or connections, connections involving sewer extensions, or industrial discharge or pretreatment applications, the Town may require a monetary deposit sufficient to cover the cost of review of the application, including any expert advice deemed necessary by the Town. The amount of deposit shall be estimated by the Town and upon payment by the applicant kept in an account. Upon completion the review process, the unused portion, if any, will be refunded. If the initial deposit is not sufficient to pay for the costs incurred by the Town, a second deposit shall be made and handled in the same manner as the first.

- 400.3** A separate and independent 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 be constructed to the rear building through an adjoining alley, courtyard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer except for the purposes of Section 1000 and if approved by the Town.
- 400.4** Old building sewers may be used in connection with new buildings only when they are demonstrated by the owner to the Town's reasonable satisfaction to be adequate to meet the requirements of this Ordinance.
- 400.5** Except as herein provided, the building sewer shall meet one of the following specifications: 1) PVC Sewer SDR 35 – ASTM D3034, 12 ½ foot or 20 foot lengths, neoprene ring lock in, maximum allowable deflection – 5.0 percent;

SECTION 400.0 – BUILDING SEWERS AND CONNECTIONS – continued

400.5 – continued

2) PVC water pipe Class 200, SDR-21, for maximum 2 inch diameter pressure service, 20 foot lengths ASTM-D2241 and D3139, neoprene ring in grooved bell, maximum allowable deflection – 5.0 percent; 3) Extra heavy cast iron soil pipe ASTM-A74, rubber ring in grooved bell, ASTM-C564; or 4) Ductile iron push on joint sewer pipe, Class 51, ASTM-A746, 18 foot or 20 foot lengths. For building sewers over 100 feet in length from the interior building wall to the connection point to the public sewer, the minimum inside pipe diameter shall be six (6) inches. In addition, a vertical pipe clean out to grade shall be installed every 100 feet, said clean out shall be the same size as the sewer line.

400.6 The diameter of the building sewer shall not be less than four (4) inches nor shall the slope of the pipe be less than one quarter (1/4) inch per foot.

400.7 The depth of new building sewers shall be sufficient to afford protection from frost as determined by the Town, but in no event shall be less than five (5) feet to the crown of the pipe unless properly insulated at shallower depths. The building sewer shall be laid at uniform grade and in straight alignment in so far as possible. Changes in direction shall be made only at a manhole or with properly curved pipe and fittings with a vertical clean out to grade. The ends of building sewers, which are not connected to the building drain of the structure for any reason, shall be sealed against infiltration by a suitable stopper, plug, or other approved means.

400.8 Backfill: Whenever insulation is required for frost protection, the sewer line shall be covered with a minimum of two (2) inches of compacted sand upon which the appropriate insulation (insulation appropriate to afford adequate frost protection) shall be placed, and said insulation shall be covered with a minimum six (6) inches of sand. The remaining backfill as required in Section 400.1.

400.9 In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sewage or industrial wastes carried by such drain shall be lifted by mechanical means, as approved by the Town, and discharged to the building sewer at owner's expense.

400.10 All excavation required for the installation of a building sewer shall be open trench work unless otherwise approved by the Town. The building sewer shall be laid on a mix inch bed of firm half (1/2) inch to one (1) inch crushed stone or gravel and back filled by hand with same crushed stone or gravel. The hand fill shall be placed around the pipe and over it to a compacted depth of at least six (6) inches over the pipe. Backfill up to six (6) inches over the pipe shall be tamped. The remainder of the trench may be back filled by machine with no stone greater than three (3) inches. Reconstruction of pavement surface, including gravel base

SECTION 400.0 – BUILDING SEWERS AND CONNECTIONS – continued

400.10 continued

courses, shall be in accordance with Maine Department of Transportation and Town of Machias specifications and Ordinances as appropriate. Pipe laying and backfill shall be performed in accordance with Section 3 through 6 of ASTM Specification C12. No backfill shall be placed until the work has been inspected.

400.11 All joints and connections shall be made gas tight and water tight with approved gaskets, Fernco couplings or equal. The transition joint between pipes of different materials shall be made with adapters and joint materials approved by the Town. Pre-molded gasket joints shall be used and shall be neoprene compression type gaskets which provide positive double seal in the assembled joint. The gasket shall be a pre-molded one piece unit designed for joining the pipe material used. The assembled joint shall be sealed by compression of the gasket between the exterior surface of the spigot and the interior surface of the hub. The joint shall be assembled following the manufacturer's recommendation using acceptable lubricant and special pipe coupling tools designed for that purpose. Lubricant shall be a bland, flax base, non-toxic material, and shall not chemically attack the gasket material.

400.12 The connection of the building sewer into an existing public sewer shall be made at the existing public sewer. All costs and expense incidental to the installation and connection of the entire length of building sewer shall be borne by the owner. The owner shall indemnify the Town from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer. The method of connection of the building sewer to the public sewer will be dependent upon the type of pipe material used and in all cases shall be approved by the Town. The connection of the building sewer into the public sewer shall be made with a wye or tee branch. If none is available, a connection may be made by tapping the existing sewer with a saddle by a method approved by the Town.

400.13 The applicant for the building sewer permit shall notify the Town at least forty eight (48) hours prior to when the building sewer is ready for inspection, testing, and connection to the public sewer. The testing and connection shall be made under the supervision of the Town.

When trenches are opened for the laying of building sewer pipes, such trenches shall be inspected by the Town before the trenches are filled, and the person performing such work shall notify the Town when the installation of the building sewer is completed. If the trench is filled before inspection, the Town may require it to be re-excavated for inspection.

SECTION 400.0 – BUILDING SEWERS AND CONNECTIONS – continued

- 400.14** When any building sewer is to serve a school, hospital, or similar institution, or is to serve a complex of industrial or commercial buildings, or which, in the opinion of the Town, will receive sewage or industrial wastes of such rate, volume, or character that frequent maintenance of said building sewer is anticipated, then such building sewer shall be connected to the public sewer through a manhole. The Town shall determine if and where this type of connection to the public sewer is required. Connections to existing manhole shall be made as directed by the Town. If required, a new manhole shall be installed in the public sewer pursuant to Section 500 and 700 and the building sewer connection made there to as directed by the Town.
- 400.15** All excavations for building sewer installation shall be adequately guarded 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.
- 400.16** All parts of new building drains and sewers shall withstand, under test without observable leakage, a ten foot head of water for a minimum period of fifteen minutes at a temperature above the freezing point of water.
- 400.17** No persons shall make connections of roof drains, downspouts, foundation drains, areaway drains, basement drains, sump pumps, 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 sanitary sewer.
- 400.18** The covers of all building drains and building sewer manholes, inspection chambers, clean outs, and the like shall be watertight and shall be capable of withstanding, without damage or displacement, any traffic loads to which they may be subject.
- 400.19** The building drain system shall be so vented that under no circumstances will the seal of any appliance be subjected to a pressure differential in excess of one (1) inch of water. All appliances connected directly or indirectly to the building drain shall have traps with a liquid seal not less than two (2) inches in depth.
- 400.20** Whenever practical, the building sewer pipe shall be brought to the building drain 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, wastewater carried by such building drain shall be lifted by an approved mans and discharged to the building sewer or service lateral. Plans and details of the proposed method shall be submitted to the Town for review.

SECTION 400.0 – BUILDING SEWERS AND CONNECTIONS – continued

400.21 No connection of any kind shall be made directly from any private property to a Town pressurized force main sewer.

400.22 All connections made to the public sanitary sewer from a building utilizing a groundwater well water supply shall be required to install an in-line water meter supplied, installed, and maintained by the Town for the purposes of sewer billing. Cost of said installation shall be paid in advance to the Town, with maintenance costs to be billed with the sewer bill.

SECTION 500.0 – SEWER EXTENSIONS

500.1 Sewer extensions, including individual building sewers from the sewer to the property line, or the right of way bound road may be constructed by the Town under public contract if, in the opinion of the Selectmen, the number of properties to be served by such extension warrants its cost and/or this extension is deemed by the Selectmen to be in the public (versus private) interest and if the treatment plant has the capacity to handle said extension. Unless the Town agrees to pay, the property owner shall pay for and install the building sewer from the public sewer to his residence or place of business in accordance with the requirements of this ordinance including but not necessarily limited to Section 400.0. Property owners may propose sewer extensions within the Town by drafting a written petition, signed by a majority of the benefiting property owners, and filing it with the Town. The cost of such extensions may be assessed to the benefited property owners in accordance with State Statutes and/or local ordinance.

500.2 If the Town does not elect to construct a sewer extension at public expense, the property owner, builder or developer may construct the necessary sewer extension, if such extension is approved by the Selectmen in accordance with the requirements of this section. He or they must pay for entire extension, including all expenses incidental thereto. If the Selectmen determine it to be in the public's interest, a cost sharing agreement between property owner, builder, or developer and the Town may be mutually agreed upon. Each building sewer must be installed and inspected as previously required and the connection fee shall be paid. Design of sewers shall be as specified in this section. The installation of the sewer extension may be subject to such inspection as the Town deems necessary and the expenses for such inspections shall be paid for by the owner, builder or developer prior to connection to the Town sewer. The Town's decisions shall be final in the matters of quality and methods of construction. The sewer, as constructed, must pass all tests required in this section before it is to be used. Except in instances where mutual agreement for cost sharing as has been mentioned above, the cost of sewer extensions thus made shall be paid by the developers or the property owners, including the costs of all building sewers.

SECTION 500.0 – SEWER EXTENSIONS

500.3 All extensions to the sanitary sewer system shall be designed by a Professional Engineer registered in the State of Maine. Plans and specifications for sewer extensions shall be submitted to the Town forty five (45) days before the regularly scheduled Selectmen's meeting at which Town approval of the extension will be required. The expenses incurred by the Town in reviewing the plans and specifications shall be paid from a deposit made by the owner, builder, or developer at the time of application. The design of sewers and pump stations to be deeded to the Town shall anticipate and allow for flows from possible future system extensions or developments within the future drainage areas.

500.4 Sewer design shall be in accordance with the following:

500.4.1 Pipe material shall be PVC made from virgin plastic conforming to ASTM D 1784, Type 1, Grade 1, and manufactured in accordance with ASTM D 3034, SDR 35 or ASTM F 789, ductile iron conforming to ANSI Specification A 21.51, with iron Grade 60-42-10, and cement lining meeting ANSI Specification A 21.4, but twice the thickness specified; or other material approved by the Town.

500.4.1.1 All joints shall be prepared and installed in accordance with the manufacturer's recommendations, and shall be gastight and watertight. Joint materials shall be as follows:

1. PVC – ASTM D 3212
2. Ductile Iron – ANSI Specification A 21.11.

500.4.1.2 Minimum internal pipe diameter shall be eight (8) inches.

500.4.1.3 Branch fittings for house services shall be PVC wyes or tee-wyes, or ductile iron saddles with stainless steel straps and "O-ring" seal set in mastic to create a watertight connection.

500.4.1.4 Sanitary Sewers shall be laid at least 10 feet horizontally from any existing or proposed water main, per State of Maine Department of Human Services Regulations. The distance shall be measured edge of pipe to edge of pipe. At crossings, one full length of sewer pipe shall be located so both joints will be as far from the water pipe as possible. Special structural support for the water and sewer pipes may be required.

SECTION 500.0 – SEWER EXTENSIONS – continued

500.4.2 Minimum slope of sewer pipe shall be as follows:

<u>Pipe Diameter</u>	<u>Minimum Slope in Feet Per 100 Feet</u>
8 inch	0.40
10 inch	0.28
12 inch	0.22
14 inch	0.17
15 inch	0.15
16 inch	0.14

500.4.3 The pipe shall be bedded with crushed or screened stone from 6” below the pipe to 6” above the pipe. The trench shall be excavated to the required grade and 6” of bedding installed and compacted. The pipe shall be installed on the bedding and the joints assembled in accordance with the recommendations of the manufacturer. Bedding material shall then be installed to the mid point of the pipe. The bedding shall be worked and packed under the edges of the pipe with hand shovels and then it shall be compacted. Bedding material shall then be installed to 6” above the pipe and compacted.

All compacting of bedding material shall be done with a vibrating plate compactor for the full trench width. Care shall be taken to prevent movement of the pipe during bedding installation, compacting, and back filling.

Blocking (installation of the pipe prior to bedding and then support of the pipe while bedding is installed under it) shall not be allowed.

All field cutting and beveling of pipe shall comply with the manufacturer’s recommendations. Ends shall be cut square and perpendicular to the pipe axis. Ends shall be beveled, filed smooth and stop marked with a felt tip marker so that they are comparable to factory pipe spigots.

500.4.3.1 SCREENED STONE – Screened stone shall consist of clean, hard, durable stone particles. It shall be screened and contain uniformly graded stone particles ranging in size from 10 to 20mm unless otherwise specified. Screened stone shall be free of fine gravel, sand, dirt, vegetation, disintegrated or laminated soils, and other unsuitable material.

SECTION 500.0 – SEWER EXTENSIONS – continued

- 500.4.3.2 CRUSHED STONE** – Crushed stone shall consist of clean, hard, durable stone fragments. It shall be crushed and contain uniformly graded stone fragments ranging in size from 20 to 30mm unless otherwise specified. Crushed stone shall be free of fine gravel, sand, dirt, vegetation, disintegrated or laminated soils and other unsuitable material.
- 500.4.3.3** Crushed or screened stone shall be placed in lifts which will compact to a 6” maximum layer. Gravel and borrow shall be placed in 8” maximum lifts. All placement and compacting of borrow and bedding shall comply with Section 500.4.4 Backfilling.
- 500.4.4** Backfill material shall then be placed and compacted. Generally the excavated soil shall be suitable as backfill and shall be replaced in the excavation. Exceptions, include frozen fill, fill containing large stones, stumps or other rubble, and any material deemed unsuitable by the Town.
- 500.4.4.1** Backfilling shall proceed as soon as possible after underground construction has been completed. Backfill shall be extended to the grade indicated on the plans, compacted and graded.

Fill material shall be placed in layers not to exceed 8” and compacted to a density equal to at least 95% of the optimum density determined by the modified proctor test. Compacting may be done by vibrating compactor or roller.

The Contractor shall take care not to damage or disturb any structure, including his own, during backfilling and compacting. The Contractor shall be held liable for any such damage.

Excavations in paved areas shall be paved according to specifications as soon as possible. Other areas shall be loamed and seeded or otherwise restored to a condition equal to or better than that of adjacent areas as soon as possible.

The Contractor shall not withdraw any sheeting without the approval of the Town. All voids created by such removal shall be filled and compacted. Any backfilling which does not conform to these

SECTION 500.0 – SEWER EXTENSIONS – continued

500.4.4.1- continued

Specifications, or which settles differentially, shall be excavated to a depth sufficient to correct the problem and re-filled as required. Any pavement or structure which is damaged due to settlement of backfill shall be repaired by the Contractor at his expense.

500.4.4.2 All excavations required for the installation of sewer extensions shall be open trench work unless approved by the Town. No backfill shall be placed until the work has been inspected by the Town.

500.4.5 Manholes shall be constructed at the end of all lines, at all changes in slope or alignment or at intervals not exceeding 400 linear feet, unless acceptable to the Town and shall be pre-cast concrete.

500.4.5.1 All manholes shall be constructed of pre-cast concrete. Manholes shall be designed for H-20 loading. Concrete manholes shall have 4000 psi 28 day strength (for 4' dia and 5000 psi for any of larger dia.) and shall acquire 75% of their 28 day strength before being shipped to the project. Manholes shall have factory cast holes at the proper location and elevation as shown on the contract drawings. Manhole sections shall be joined with butyl rubber kent seal no. 2. Minimum thickness of the reinforced barrel sections and base shall be 5 inches. All manholes shall be eccentric cones. The tops of the cones shall be 8 inches wide to accommodate bricks. Two coats of bituminous waterproofing shall be applied to the outside of all manholes. Damaged manholes shall be rejected.

500.4.5.2 Mortar to be used in the construction of inverts and placement of frames shall be Type II Portland cement (1 Part), sand (2 parts) and hydrated lime (not over 10 lbs. per bag of cement). Bricks shall be solid red clay bricks, not concrete units.

500.4.5.3 Manhole steps shall be polypropylene plastic coated steel by M.A. Industries or approved equal. Steps shall be cast into the manhole sections and spaced a maximum of 12" on center vertically.

500.4.5.4 Covers shall be 24" diameter and shall be clearly marked "SEWER". Frames shall have a clear opening of 22". The castings shall be of good quality even grained gray cast iron (ASTM-A48 Grade 30) and shall be free of lumps, blisters, scales, and other defects. Manhole covers shall have two lift holes and shall be matched to the frames

SECTION 500.0 – SEWER EXTENSIONS – continued

500.4.5.4 – continued

with machined surfaces. The covers and frames shall be factory coated with a smooth non-brittle coat of coal tar epoxy. Frames and covers shall have an H-20 load rating.

500.4.5.5 Pipe sleeves shall be lock joint flexible sleeves which shall be cast or locked into the manhole base. These sleeves shall be capable to allowing substantial off center alignment. The sleeves shall be attached securely to the outside of the pipe with stainless steel bands to provide a water tight seal.

500.4.5.6 Manhole bases shall be installed before laying pipe to the manhole. The manhole base shall be set on a 12" compacted stone bed. Once the sewer pipe has been connected to the manhole, barrel sections shall be installed after installing kent seal at the joints. The pipe shall extend into the manhole so that it is flush with the inside wall. There shall be no pipe bells inside the manhole.

500.4.5.7 Manhole inverts shall be installed using bricks and mortar as shown on the Contract Drawings. The trough and table shall be lined with bricks. The trough depth shall be equal to the pipe diameter. The tables shall slope toward the trough at 1" per foot for drainage. The finished surface of the invert shall be smooth, free of any obstructions and shall have a uniform pitch from inlet to outlet. The finish surface for both inverts and tables shall be brick.

500.4.5.8 Install frames and covers as shown on the plans. The frames shall be brought to the proper grade with brick and mortar or cast-in-place concrete. All voids between bricks shall be filled with mortar and the bricks shall be coated with mortar on both the interior and exterior of the manhole. The mortar surface shall be smooth and even and shall slope inward on the exterior of the manhole to avoid lifting from frost. Frames shall not be backfilled until the mortar has set and acquired sufficient strength to avoid damage. When manholes are in paved areas, the frame and cover shall be adjusted to grade once the base pavement has been placed. The cost of adjusting the frame and cover to grade, including pavement cutting and replacement, is incidental to the manhole cost. In paved areas the frame and cover shall be set ¼" below final grade.

SECTION 500.0 – SEWER EXTENSIONS – continued

- 500.4.5.9** All manholes shall be vacuum tested immediately after assembly and prior to backfilling. All lift holes shall be plugged with an approved non-shrink grout. All pipes entering the manhole shall be plugged. The plugs shall be securely braced to prevent them from being sucked into the manholes. The test head shall be placed at the inside of the top of the cone section and seal inflated in accordance with the manufacturer's recommendations. A vacuum of 10 inches of mercury shall be drawn and the vacuum pump shut off. With the valves closed the time shall be measured for a vacuum to drop to 9 inches. The test shall pass if the time is greater than 60 seconds for 48" diameter, 75 seconds for 60" and 90 seconds for 72" diameter manholes. If the manhole fails the initial test, necessary repairs shall be made with a non-shrink grout while the vacuum is still being drawn. Re-testing shall proceed until a satisfactory test is obtained.
- 500.5** All sewer mains shall be tested prior to acceptance. All testing shall be done in the presence of the Town. The Contractor shall notify the Town at least 48 hours in advance of any testing.

- 500.5.1** The Contractor shall only use testing equipment, plugs and compressors specifically designed for low pressure sewer testing. Equipment shall include a pressure relief valve set no higher than 9 psig. The Contractor shall follow the manufacturer's recommendation for operation and safety. Equipment shall only be operated by personnel trained and experienced with its proper use.

For a sewer main test to be considered for acceptance, the sewer main segment must be part of a manhole to manhole reach of pipe that has been completed and backfilled to final grade. The manholes on each end of the reach of pipe shall be successfully tested prior to testing of the sewer main.

The maximum allowable infiltration limit for all pipes shall be 100gal/day/inch/mile of pipe installed. If there is evidence of poor workmanship, improper storage of pipe, or if test results are unsatisfactory, the Engineer may direct that additional tests be made on any and all of the pipe.

SECTION 500.0 – SEWER EXTENSIONS – continued

500.5 - continued

500.5.2 Test all gravity sewer lines for leakage by conducting a low pressure ex-filtration air test. All sewer lines shall be cleaned to remove all sediment and debris prior to testing.

Test plugs shall be properly installed and braced.

A minimum of 4 lbs/sq in air pressure shall be applied to the line being tested. The air compressor shall then be shut off. A pressure drop, from the applied pressure, of less than 1.0 psi during the period of time specified in the table below will constitute an acceptable air pressure test. If the pressure drop during the indicated time interval is exceeded, the test will be determined as failure and the Contractor shall locate and correct the leak associated with failure. Following correction of the leak the pipe shall be re-tested at the Contractor's expense.

Table of Air Test Durations

Sewer Diameter (Inches)	4	6	8	10	12	15	18	21	24-30
Test Duration (Minutes)	2	3	4	5	6	8	9	10	11.5

All sewer lines not complying with the requirements for infiltration and/or air testing shall be repaired or replaced at the Contractor's expense. The Contractor shall repair and re-test the line at his expense until an acceptable test is achieved. No repairs will be made internally on the pipe unless specifically authorized by the Town in writing. All repairs shall be made externally to the sewer lines. If any pipe is defective, it shall be removed and replaced.

If during the process of repairing the new sewer main or during other operations not necessarily related to sewer construction (such as constructing roadways, cleanup, etc.), debris and sediment enters the new sewer or manholes, the sewer shall again be cleaned before final acceptance shall be made.

500.5.3 Prior to final acceptance of the sewer the Contract shall take deflection measurements of all PVC sewer mains by use of a mandrel assembly (7 ½%) pilled through the entire length of each sewer run. If a deflection in the diameter of the pipe equal to or greater than 7 ½% of the specified pipe diameter is measured, the defective pipe will be removed and replaced by the Contractor at the Contractor's expense. The pipe shall then be re-tested.

SECTION 500.0 – SEWER EXTENSIONS – continued

- 500.6** No builder or developer shall be issued a building permit for a new dwelling or structure requiring sanitary facility within the Town, unless a suitable and approved method of sewage disposal is proposed. No certificate of occupancy shall be issued until connection is made to an approved sewer and all fees owed to the Town have been paid.
- 500.7** Connection of the sewer extension to the Town's facilities shall not be permitted until: 1) the completed sewer has been tested and passed to the satisfaction of the Town; 2) all fees have been paid to the Town; and 3) re-producible, mylar record drawings of the completed sewer have been furnished to the Town. If developer desires to convey the sewer extension to the Town, he must give the Town a one year maintenance bond in an amount and form acceptable to the Town. In no event shall such bond be in an amount less than 10% of the cost of the extension. The Town shall in no event be required to accept an offer of conveyance of a sewer extension.
- 500.8** **On a case-by-case basis, the Town can consider permitting a potential out-of-town customer to connect into the existing sewer infrastructure upon approval of the Town Select Board and after all applications and other approvals as required in the town's sewer ordinance are completed. All costs to connect are the responsibility of the customer. All other applicable requirements in the town's sewer ordinance must also apply. The Town may choose to charge other fees for the connection where these out-of-town connections' sewer fees currently do not pay for capital investments of the wastewater sewer infrastructure as those fees are on taxation. This would be determined upfront in the application process on a case-by-case basis.**

SECTION 600 – USE OF PUBLIC SEWERS

- 600.1** No person shall cause a connection to be made to a town sanitary sewer which shall discharge, or cause to be discharged, any storm water, surface water, ground water, roof runoff, subsurface drainage, un-contaminated cooling water, or un-polluted industrial process waters to any sanitary sewer. No direct connection shall be made from a public or private water supply to a building drain discharging to any sanitary sewer.
- 600.2** Storm water and all other un-polluted drainage may be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet approved by the Town. Industrial cooling water or un-polluted process waters may be discharged, on approval of the Town, to a storm sewer, or natural outlet, if in accordance with regulations of the Department of Environmental Protection.

SECTION 600 – USE OF PUBLIC SEWERS - continued

600.3 Except as hereinafter provided, no person shall discharge or cause to be discharged, any of the following described waters or wastes to any public sewer:

600.3.1 Any liquid or vapor having a temperature higher than 150 degrees Fahrenheit (65 degrees Celsius).

600.3.2 Any waters or wastes which contain fats, grease or oil, or other substances in excess of 100mg/l, whether emulsified or not, that will solidify or become viscous at temperatures between 32 and 150 degrees Fahrenheit.

600.3.3 Any waters or wastes containing soluble fats, grease or oils, whether emulsified or not, exceeding an average 100 parts per million which, in the opinion of the Town, may overload or inhibit the Pollution Control Facility's processes.

600.3.4 Any gasoline, benzene, naphtha, fuel oil, mineral oil, or other flammable or explosive liquid, solid or gas.

600.3.5 Any noxious or malodorous gas such as hydrogen sulfide, sulfur dioxide or nitrous oxide or other substance, which either singly or by interaction with other wastes, are capable of creating public nuisance or hazard to life or of preventing entry into sewers for their maintenance and repair.

600.3.6 Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of $\frac{3}{4}$ horsepower or greater shall be subject to the review and approval of the Town.

600.3.7 Any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastic, cardboard, wood, paunch manure, hair and fleshings, entrails, lime slurry, lime residues, beer or distillery slops, whey, chemical residues, paint residues, cannery waste, bulk solids, or any other solid or viscous substance capable to causing obstruction to the flow of the sewers, or other interference with proper operation of the sewage works.

SECTION 600 – USE OF PUBLIC SEWERS - continued

600.3 – continued

- 600.3.8** Any waters or wastes, acid and alkaline in reaction, having corrosive properties capable of causing damage or hazard to structures, equipment and personnel of the sewage works. Free acids and alkalis must be neutralized at all times, within a permissible pH range of 6.0 to 9.5.
- 600.3.9** Radioactive wastes or isotopes of half-life or concentrations as may exceed limits established by the Town in compliance with applicable State or Federal regulations.
- 600.3.10** Quantities of flow, or concentrations of any wastewater constituent, or both, which would constitute a “slug” as defined in Section 100.
- 600.3.11** Any storm water, roof drains, spring water, cistern or tank overflow, footing drains, discharge from any vehicle wash rack or water motor, or the contents of any privy vault, septic tank or cesspool, or the discharge of effluent from any air conditioning machine or refrigeration unit.
- 600.3.12** No person shall discharge or cause to be discharged any waters or wastes containing a toxic or poisonous substance, a high chlorine or oxygen demand or suspended solids in sufficient quantity to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, or create any hazard or violation in the receiving waters or effluent of the Town’s sewage treatment plant, or contaminate or restrict the final end use of the treatment plant’s sludge residuals. Such toxic substances shall be limited to the average concentrations listed hereinafter in the sewage as it leaves the building sewer and at no time shall the hourly concentration at the sewage treatment plant exceed three times the average concentration. If concentrations listed are exceeded, individual establishments will be subject to control by the Town in volume and concentration of wastes discharged.

SECTION 600 – USE OF PUBLIC SEWERS - continued
600.3 – continued

600.3.12 - Continued

Limits of Toxic Substances in Sewage

Iron, as Fe	5.0 ppm
Chromium, as Cr (hexavalent)	1.0 ppm
Copper, as Cu	1.0 ppm
Chlorine Demand	15.0 ppm
Phenol	0.5 ppm
Cadmium, as Cd	0.5 ppm
Zinc, as Zn	0.5 ppm
Nickel	1.0 ppm
Mercury	0.2 ppm

The Town may periodically modify the above list of regulated toxic substances and allowable concentrations in accordance with EPA protocol for the development of technically based local limits. The Town will provide advanced written notice of new local limits to users prior to initiating enforcement actions.

- 600.3.13** Waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions, whether neutralized or not.
- 600.3.14** Waters or wastes containing phenols, or other taste or odor producing substances, in such concentrations exceeding limits which may be established by the Town as necessary, after treatment of the composite sewage, to meet the requirements of the State, Federal, or other public agencies of jurisdiction for such discharge to the receiving waters.
- 600.3.15** Waters or wastes containing substances which are not amenable to treatment or reduction by the waste treatment processes employed, which may inhibit treatment plant processes or sludge quality or disposal, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over the discharge to the receiving waters.

SECTION 600 – USE OF PUBLIC SEWERS - continued

- 600.3.16** Any heated waters or pollutants in amounts which will inhibit or interfere with biological activity in the Town's waste water treatment facilities, but in no case heated waters or pollutants in such quantities that the temperature at the Pollution Control Facility's influent exceeds 104 degrees Fahrenheit (40 degrees Celsius).
- 600.3.17** Any waters or wastes containing color, dissolved solids, or dye which would cause a visible discoloration of the treatment plant's effluent or receiving water.
- 600.3.18** Any waters or wastes containing suspended solids, whether inert or organic, which would cause visible turbidity of the treatment plant's effluent or receiving water.
- 600.3.19** Any waters, wastes or substance which would cause the treatment plant's effluent to exceed toxicity testing limits as may be required by applicable State or Federal Law.
- 600.3.20** Any boiler blow offs or sediment trap wastes.
- 600.3.21** Any septage or septic process discharge without the express written approval of the Town.
- 600.4** Any discharge of waters or wastes having a) a five (5) day Biochemical Oxygen Demand (BOD) greater than 300 parts per million; or b) containing more than 350 parts per million of suspended solids, or c) containing more than 15 parts per million of chlorine demand, or d) containing any quantity of substances having the characteristics described in this section or e) having an average daily flow or pollutant mass greater than two (2) percent of the average daily sewage flow of the Town, shall be subject to the review and approval of the Town. Where necessary, in the opinion of the Town, the owner shall provide, at his expense, such pre-treatment as may be necessary to, 1) reduce the Biochemical Oxygen Demand to 300 parts per million and the suspended solids to 350 parts per million by weight, or 2) reduce the chlorine demand to 15 parts per million, or 3) reduce objectionable characteristics or constituents to within the maximum limits provided for in this section, or 4) control the quantities and rates of discharge of such waters or wastes. Plans, specifications, and any other pertinent information relating to proposed pre-treatment facilities shall be submitted for the approval of the Town, and no construction of such facilities shall be commenced until said approvals are obtained in writing. Failure to comply with one or more of the remedial procedures as required by the Town will constitute a violation of this Ordinance.

SECTION 600 – USE OF PUBLIC SEWERS - continued

- 600.5** All measurements, tests, and analysis of the characteristics of waters and wastes to which reference is made in this Article shall be determined in accordance with the latest accepted edition of the “Standard Methods for the Examination of Water and Waste water”, upon suitable samples taken at a control manhole provided for in Section 700. In the event that no manhole has been required, the manhole shall be considered to be the nearest downstream manhole in the public sewer from the point at which the building sewer is connected.
- 600.6** 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 may be accepted by the Town for treatment, subject to payment thereof by the industrial concern.
- 600.7** All of the preceding standards are to apply at the point where the industrial wastes are discharged into the public sanitary sewerage system and any pre-treatment required must be accomplished to practical completion before the wastes reach that point. The laboratory methods used in the examination of all industrial wastes shall be those set forth in the latest accepted edition of “Standard Methods for the Examination of Water and Sewage”. However, alternate methods for the analysis of industrial wastes may be used subject to mutual agreement between the Town and the producer of such wastes. The frequency and duration of the sampling of any industrial waste shall not be less than once every three months for a twenty-four (24) hour period. However, more frequent and longer periods may be required at the discretion of the Town.
- 600.8** If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in this section and which, in the judgment of the Town, may have a deleterious effect upon the sewage works, processes, equipment or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Town may:
- 600.8.1 Reject the wastes and require separate treatment
 - 600.8.2 Require pre-treatment to an acceptable condition before discharge to the public sewers.
 - 600.8.3 Require control over the quantities and rates of discharge and/or
 - 600.8.4 Require payment under the provisions of this Ordinance to cover the added cost of handling and treating of such wastes.

If the Town permits the pre-treatment or equalization of waste flows, the design and installation of plants and equipment shall be subject to the review and approval of the Town, and subject to the requirements of all applicable codes, Ordinances and laws, including Federal EPA pre-treatment standards.

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES

700.1 The Town, at its sole discretion, may elect to allow an industrial or unusual waste producer to utilize the sewage works provided that it can be demonstrated by the producer to the Town reasonable satisfaction that acceptance of the waste will result in:

- 700.1.1** No violation of applicable Federal or State regulations, including EPA pre-treatment requirements.
- 700.1.2** No inhibition of, interference with, or damage to, the treatment plant's processes or equipment and no upsets of the plant's processes which lead to nuisance conditions, operational problems or discharge license non-compliance.
- 700.1.3** No pass through of any waste material not treatable in the Town's treatment plant to the receiving waters.
- 700.1.4** No contamination of the Town's sewage sludge with toxic or undesirable waste constituents and no impairment of the Town's ability to dispose of the treatment plant's sludge residuals.
- 700.1.5** No creation of hazardous or unsafe conditions in the sewer system or treatment plant which might jeopardize the health and welfare of the general public or the Town's staff.
- 700.1.6** Equitable allocation of sewer user fees such that the true cost of treating the industrial or unusual waste is fully borne by the sewer user that generated the wastes.

Prior to accepting the waste, the Town may require that appropriate industrial or unusual wastes undergo pre-treatment or flow equalization prior to its discharge into the Town's sewer system.

700.2 Where pre-treatment or flow equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner, at his expense.

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES

700.3 When required by the Town, the owner of any property served by a building sewer carrying industrial wastes shall install a suitable control structure in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessible and safely located and shall be constructed in accordance with plans approved by the Town. The manhole 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.

700.4 No discharge or user shall increase the use of potable or process water, in any way, for the purpose of diluting a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the standards set forth in this Ordinance. Pollutants, substances or waste water prohibited by this Ordinance shall not be processed or stored in a manner that would allow them to be discharged to the treatment plant.

700.5 Grease, oil, and sand interceptors shall be provided by the producer when the Ordinance limits for those substances are exceeded or when, in the opinion of the Town, they are necessary for the proper handling of wastes containing grease in excessive amounts, 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 required by the State of Maine Plumbing Code and as required for sub-surface waste water disposal systems and shall be approved by the Town prior to installation, and shall be located as to be readily and easily accessible for cleaning and inspection.

Grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperatures. They shall be of substantial construction, water tight, and equipped with easily removable covers which, when bolted in place, shall be gas tight and water tight.

700.6 Where installed, all grease, oil and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times and shall be readily accessible and open to inspection by the Town at any time. A maintenance record shall be maintained by the owner for the Town's periodic review.

700.7 The categorical pre-treatment standards found at 40 CFR Chapter I, Subchapter N, Parts 405-471 and as from time to time amended are incorporated herein by reference. These standards must be adhered to by dischargers to, or users of, the Town's sewage works.

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES – continued

700.8 Local limits for certain pollutants may be established by the Town to protect against pass through, interference, process inhibition and damage, safety concerns, and sludge residual contamination. No person shall discharge waste water containing in excess of the instantaneous maximum allowable discharge limits as identified in this Ordinance or on the user's waste water discharge permit. All discharge limits shall be technically based and approved by the appropriate regulatory agencies.

700.9 When requested by the Town, users must complete a waste water survey form, on a form, supplied by the Town, which contains information on the nature and characteristics of their wastes. This form must be submitted to the Town prior to the discharge of the user's waste water into the Town's sewage works. The Town is authorized to prepare a form for this purpose and may periodically require users to update the survey. Failure to complete this waste water survey form shall be reasonable grounds for terminating service to the user and shall be considered a violation of this Ordinance. Existing industrial dischargers shall file waste water survey forms within thirty (30) days after being notified by the Town, and proposed new dischargers shall file such forms at least ninety (90) days prior to connecting to the sewage works. The form shall include, but not be limited to, the following information:

700.9.1 The name, address, and location of the user and the number of employees.

700.9.2 The Standard Industrial Classification (SIC) Code of the user.

700.9.3 The known, or suspected to be present, waste water constituents and characteristics, including, but not limited to, those listed in this Ordinance. Any sampling and analysis that is required by the Town shall be performed in accordance with Standard Methods. The costs of all such sampling, analysis, and reporting shall be fully borne by the user.

700.9.4 The time and duration of discharges.

700.9.5 The average daily and instantaneous peak waste water flow rates, in gallons per day, including daily, monthly and seasonal variations, if any. All flows shall be as actually measured unless other verifiable measurement techniques are approved by the Town.

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES – continued

700.9 – continued

- 700.9.6** The site plans, floor plans, mechanical and plumbing plans and details to show all sewers, sewer connections, inspection manholes, sampling chambers and appurtenances by size, location, and elevation adjacent to, or at, the user's premises.
- 700.9.7** The activities, facilities, and plant processes on the premises, including all materials which are, or may be, discharged to the sewage works.
- 700.9.8** The nature and concentration of any known or suspected pollutants or materials prohibited by this Ordinance from being included in the discharge, together with a statement regarding whether or not compliance is being, or will be achieved with this Ordinance on a consistent basis and if not, whether additional operations and maintenance activities and/or additional pre-treatment is required for the user to comply with this Ordinance.
- 700.9.9** The identification of each product produced by the user by type, amount, process or processes, and rate of production.
- 700.9.10** The type and amount of raw materials utilized, average and maximum per day, by the user.
- 700.10** All disclosure forms and any periodic reports submitted by a user shall be signed by the principal executive officer of the user and shall contain the following certification: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES – continued

- 700.11** The Town will evaluate the completed waste water survey forms and material safety data furnished by the user and may require the user to furnish additional information. The user shall provide all requested additional information within fifteen (15) days after receiving notification from the Town that additional information is required. After full evaluation and acceptance of all submitted data, the Town shall make the determination as to whether the user is subject to pre-treatment requirements. If the Town determines that the user is subject to pre-treatment requirements, the Town shall require the user to apply for a Wastewater Discharge Permit as required by this Section 700. The user shall make application for a Wastewater Discharge Permit, on a form provided by the Town, within thirty (30) days after having received notification from the Town to do so. The user shall provide with the permit application, at the user's own expense, the results of all sampling and analysis of the user's waste water effluent as the Town may require to accompany the permit application. If so requested by the Town, the user shall collect all required samples in the presence of the Town.
- 700.12** Every new or existing user of the Town's sewage works who is determined to be a categorical user or significant industrial user as defined in Section 100 of this Ordinance is required to obtain a waste water discharge permit from the Town.
- 700.13** Wastewater discharge permits shall include such conditions as are reasonably deemed necessary by the Town to prevent waste pass through or interference, protect the quality of the water body receiving the Treatment Plant's effluent, protect worker health and safety, facilitate sludge management and disposal, and protect against damage to the sewage works. Waste water discharged permits may impose effluent restrictions or limits on the user if the Town determines that such limits are necessary to protect the quality of the Treatment Plant influent, effluent, or sludge, or to maintain compliance with any applicable Federal or State law, including requirements under the Town's NPDES permit and national categorical pre-treatment standards for new and existing sources set forth in 40 CFR Chapter I, Subchapter N Parts 401-471.
- 700.14** Wastewater discharge permits shall be issued for a specified time period, not to exceed five (5) years. A wastewater discharge permit may be issued for a period of less than five (5) years. Each wastewater discharge permit shall indicate a specific date upon which it will expire and no permit shall run beyond the expiration of the Town's NPDES permit. Such discharge permit may, after written notice and hearings be suspended or revoked by the Town Selectmen for violation of the permit or change of law applicable to the subject matter of the permit.

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES – continued

700.15 Wastewater discharge permits shall be issued to a specific operation. A wastewater discharge permit shall not be re-assigned or transferred or sold to a new owner or a new user, different premises, or a new or changed operation. To facilitate the issuance of new, separate permits, the Town may allow new owners or individuals to operate under an existing wastewater discharge permit for a period not to exceed ninety (90) days.

700.16 Wastewater discharge permits may contain requirements and compliance schedules for the installation of pre-treatment technology, pollution control, or construction of appropriate containment devices, any of which would be designed to reduce, eliminate, or prevent the introduction of pollutants into the Town's sewage works.

700.17 Wastewater discharge permits may contain requirements for the development and implementation of spill control plans or other special conditions including management practices necessary to adequately prevent accidental, unanticipated, or routine discharges to the Town's sewage works.

700.18 Wastewater discharge permits may contain requirements for the installation and maintenance of inspection and sampling facilities and equipment and for the reporting of all results to the Town.

700.19 The Town, for good cause, may at any time, modify any wastewater discharge permit so long as the public health and safety are maintained.

700.20 Seven days advance written notice of intent to revoke and an opportunity for hearing before the Town Selectmen shall be provided before revocation of any permit for a violation of any condition thereof or of this Ordinance, significant non-compliance, or any applicable State or Federal Statutes, rules, or regulations.

700.21 The Town may require any user to develop and implement an accidental hazardous waste discharge/slug control plan. At least once every two (2) years, the Town shall evaluate whether each significant industrial user needs such a plan. Any user required to develop and implement an accidental hazardous waste discharge/slug control plan shall submit a plan which addresses, at a minimum, the following:

700.21.1 Description of discharge practices, including non-routine batch discharges;

700.21.2 Description of stored chemicals;

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES – continued

- 700.21.3** Procedures for immediately notifying the Town of any accidental or slug discharge. Such notification must also be given for any accidental or slug discharge. Such notification must also be given for any discharge which would violate any of the prohibited discharges in this Ordinance; and
- 700.21.4** Procedures to prevent adverse sewage works impacts from any accidental or slug discharge. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response.
- 700.21.5** Procedures for notifying the Plant Operator of Hazardous waste discharges.
- 700.22** Where additional pre-treatment and/or operations or maintenance activities will be required to comply with this Ordinance, the user shall provide a declaration of the shortest schedule by which the user will provide such additional pre-treatment and/or implementation of additional operations and maintenance activities. The Town reserves the right to determine the reasonableness of the proposed schedule, to modify the proposed schedule, or to reject the schedule. The schedule shall contain milestone dates for the commencement and completion of major events leading to the construction and operation of additional treatment required for the user to comply with the requirements of this Ordinance, including, but not limited to, dates relating to hiring an engineer, completing preliminary plans, completing final plans, executing contracts for major components, commencing construction, completing construction, and all other acts necessary to achieve compliance with this Ordinance. No later than fourteen (14) days following each milestone date in the schedule and the final date for compliance, the user shall submit a progress report to the Town including, at a minimum, a statement as to whether or not it complied with the increment of progress represented by that milestone date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps being taken by the user to return to the approved schedule.

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES – continued

700.23 All significant industrial user(s) shall, at a frequency stated in their wastewater permit or as determined by the Town, but in no case less than twice per year, submit a report to the Town indicating the nature and Concentration of pollutants in the discharge which are limited by pre-treatment permit criteria or Ordinance standards and the measured or estimated average and maximum daily flows and loadings for the reporting period. All periodic compliance reports must be signed and certified in accordance with this Ordinance. All wastewater samples collected must be representative of the user's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean and maintained in good working order at all times. The failure of a user to keep its monitoring facility in good working order shall not be grounds for the user to claim that sample results are unrepresentative of its discharge. If a user subject to the reporting requirement in this Ordinance or its permit monitors any pollutant more frequently than required, the results of this additional monitoring shall be included in the report.

700.24 Each user must notify the Town in writing of any planned significant changes to its operations or process systems which might alter the nature, quality or volume of its wastewater at least sixty (60) days before the change. No user shall implement the planned changed condition(s) until and unless the Town has responded in writing to the user's notice. Significant changes include, but are not limited to, flow or pollutant load increases of ten percent (10%) or greater, and the discharge of any previously unreported pollutants.

700.25 If sampling performed by a user indicates a violation of their permit or this Ordinance, the user must notify the Town within twenty-four (24) hours of becoming aware of the violation. The user shall also within five (5) calendar days repeat the sampling and analysis and submit the results of the repeat analysis to the Superintendent within five (5) calendar days of such repeat sampling and analysis. In the case of any discharge, including, but not limited to, hazardous waste discharges, accidental discharges, discharges of a non-routine or episodic nature, a non-customary batch discharge, or a slug load that may cause potential problems for the sewage works, the user shall immediately telephone and notify the Town of the incident. This notification shall include the location of the discharge, type of waste, concentration and volume, if known, and corrective actions taken by the user. Within five (5) Days following such a discharge, the user shall submit a detailed written report describing the cause(s) 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 of damage to the sewage works, natural resources or

SECTION 700.0 – PRE-TREATMENT AND PERMITTING OF INDUSTRIAL AND UNUSUAL WASTES – continued

700.25 – continued

Other damage to person or property; nor shall such notification relieve the user of any fines, penalties or other liability which may be imposed pursuant to this Ordinance. 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 discharge described above. Employers shall ensure that all employees, who may cause such a discharge to occur, are advised of the emergency notification procedure.

SECTION 800.0 – ORDINANCE COMPLIANCE MONITORING

800.1 In accordance with 30-A M.R.S.A., Section 4213, the Machias Plumbing Inspector may enter any property at reasonable hours for the purpose of inspecting the property for compliance with applicable rules or to investigate alleged conditions which do not comply with the rules. This Right of Entry extends to the right to enter any building with the consent of the property owner, occupant or agent. Upon the request of the occupant of the premises, the Plumbing Inspector shall present proper credentials before entering the premises.

If entry is denied, before attempting entry, the Plumbing Inspector must obtain an Administrative Inspection Warrant from the District Court, pursuant to the procedures set out in detail in Rule 80E, Maine Rules of Civil Procedure.

800.2 The Town 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, but not limited to, inspection, observation, measurement, sampling, repair and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the easement pertaining to the private property involved.

800.3 The Town shall have authority to set up, on the user's property, or require installation of, such devices as are necessary to conduct sampling and/or metering of the user's waste discharges. The user shall bear the costs of such setup or installation.

SECTION 800.0 – ORDINANCE COMPLIANCE MONITORING – continued

- 800.4** The Town shall require the user to install monitoring equipment as the Town deems necessary. The user's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the user at its own expense. All devices used to measure wastewater flow and quality shall be calibrated at least quarterly to ensure their accuracy.
- 800.5** Users subject to the reporting requirements of this Ordinance shall retain, and make available for inspection and copying, all records or information obtained pursuant to any monitoring activities required by Ordinance and any additional records or information obtained pursuant to monitoring activities undertaken by the user independent of such requirements. Records shall include, but not be limited to the date, exact place, method, and time of sampling and the name of the person(s) taking the samples; the dates analysis were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses. These records shall be retained by the user for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the user or the Town, or where the user has been specifically notified of a longer retention period by the Town.
- 800.6** Information and data on a user obtained from reports, surveys, wastewater discharge permits and monitoring programs, and monitoring programs, and from the Town's inspection and sampling activities, shall be available to the public without restriction, unless the user specifically requests, and is able to demonstrate to the satisfaction of the Town, that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets or proprietary information on the user which under applicable State law is not subject to public inspection. When requested and demonstrated by the user furnishing a report that such information must be held confidential under State law, the portions of a report which might disclose such confidential information shall not be made available for inspection by the public, but shall be made available immediately, upon request, to State and Federal governmental agencies for uses related to the NPDES program or pre-treatment program, and in enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics and other "effluent data" as defined by 40 CFR Part 2.032 will not be recognized as confidential information and will be available to the public without restriction.

SECTION 800.0 – ORDINANCE COMPLIANCE MONITORING – continued

800.7 If the Town has been refused access to any building, structure or property, or any part thereof, for the purpose of inspecting, sampling or otherwise monitoring compliance with this Ordinance, the Town shall seek to secure an Administrative Inspection Warrant pursuant to M.R. Civ.P. 80E. The warrant, if issued by the District Court, shall be executed pursuant to M.R.Civ.P. 80E and the Town shall be accompanied by a uniformed Town police officer during said execution.

SECTION 900.0 – PROTECTION FROM DAMAGE

900.1 No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenances or equipment which is a part of the sewage works. Any person violating this provision shall be subject to prosecution criminally or civilly or both.

900.2 Before a permit will be issued for construction of building sewers, or sewer, or sewer extensions, pump stations and/or treatment structures (except on private property), the construction contractor must present a certificate of insurance showing minimum liability coverage of \$1,000,000/\$2,000,000 for bodily injury and a \$100,000 limit for property damage including collapse and underground coverage.

SECTION 1000.0 – SEWER CHARGES

1000.1 The source of a portion of the revenues for retiring debt services and for capital expenditures, operation and maintenance of the sewage works shall be a Sewer Service Charge. That portion of the Sewer Service Charge related to capital expenditures and retirement of debt service shall be made against all properties within the Sewage Works service area having or required to have sanitary facilities, whether actually connected to the public sewer system or not. The Sewage Works service area and the nature of buildings required to have sanitary facilities shall be as defined as Section 200.4 hereof. In the case of a building not connected to the Sewage Works, such charge shall be deemed by “ready to serve” charge levied to aid in defraying expense incurred in making service available to the property. In the case of a connected building not in active use or occupancy and having no discharge during a given billing period, the portion related to capital expenditures and retirement of debt services shall be regarded as a minimum charge. In the case of a connected building actively discharging to the Sewage Works for all or part of any given billing period, the charge shall be increased to include the cost of operations and maintenance of the Sewage Works.

SECTION 1000.0 – SEWER CHARGES – continued

1000.2 The Board of Selectmen shall establish sewage charges for the connection to and use of public sewerage facilities to be paid by every owner (of an establishment) whose building sewer connects directly or indirectly into public sewers. Such sewage charges shall be in proportion to the quantity of water supplied to every such premise, subject to just and equitable discounts and abatements in exceptional cases.

1000.3 A special sewage service charge shall be established by the Town for any industrial firm or organization who, by virtue of the volume, strength or unusual characteristic of their waste alone, would overload or upset the capacity of efficiency of the sewerage works or any part thereof if such waste entered the public sewer, or whose waste disposal situation is such that it would be in the public interest to waive the basic requirements. The Board of Selectmen, after appropriate study, may from time to time establish a Special Sewer Service Charge to such industrial firm by separate agreement with said firm. The applicable portions of the proceeding Sections, as well as the equitable rights of the public shall be the basis for such an arrangement. No such special sewer charge shall extend for more than two (2) years and such charges may be modified due to material changes of law, charges of operating costs, or other reasonable circumstances which make the initial sewer charge unfair or inequitable in the view of the Machias Board of Selectmen.

1000.4 An interest charge at the same rate as established by the Board of Selectmen for uncollected taxes will be made on all bills not paid prior to the due date of invoice.

SECTION 1100.0 – ENFORCEMENT

1100.1 Nuisances and violation of this ordinance shall be deemed to be a nuisance and a land use violation under rule 80K and 30-A MRSA, Section 4452.

1100.2 Enforcement: If the Town shall find that any provision of this Ordinance is being violated, notification in writing will be sent to the person responsible for such violation, indicating the nature of the violation and ordering the action necessary to correct it, including discontinuance of illegal use of the Municipal Sewer System, and abatement of nuisance condition. A copy of such notices shall be maintained as a permanent record.

SECTION 1100.0 – ENFORCEMENT – continued

1100.3 Legal Action: When the above action does not result in the correction or abatement of the violation or nuisance condition, the Selectmen, after notice from the appropriate Town official, is hereby authorized to direct the Town Attorney to institute any and all actions and proceedings, either legal or equitable, including actions seeking injunctions of violations and the imposing of fines, that may be available or necessary to enforce the provisions of this ordinance in the name of the Town.

1100.4 Penalty: Any person, including, but not limited to a landowner, a landowner's agent or a contractor, who violates any provision of this Ordinance shall be penalized in accordance with 30-A, MRSA Section 4452 as now existing or subsequently amended.

In addition, the Town Of Machias shall be entitled to all of the relief, including its costs and legal fees as allowed by said Section 4452. Notwithstanding any provision to the contrary, including the Provision of 30-A M.R.S.A. Section 4452, as now existing or amended in the future, the Town Of Machias shall be entitled to judgment against any violator for its costs, expert witness fees, code enforcement expenses and attorneys' fees incurred in enforcing this Ordinance. The Town Of Machias shall also have the right to enforce this Ordinance through civil action, either at law or equity. The enforcement provisions herein contained shall exist in addition to those which may exist under Maine Statutory law or Maine Rule or Civil Procedure 80K, or any other court rule or statutory provision.

Each and every day of violation shall constitute a new and separate offenses for which a minimum penalty of \$100.00 shall be assessed.

SECTION 1200.0 – CONFLICT WITH OTHER ORDINANCES AND DOCUMENTS

1200.0 Unless specified herein, this Ordinance does not repeal any other law, ordinance, regulation, rule, code or otherwise lawful deed restriction or covenant. Whenever the requirements of this ordinance are at variance with the regulations or restrictions of any other lawfully adopted law, ordinance, rule or regulation imposed by any governmental authority or any deed restriction or covenant, that which is more restrictive or imposes the higher standards or requirements shall govern. Notwithstanding any other provisions of this Ordinance no premises shall be used or maintained in violation of any State or Federal pollution control or environmental protection law or regulation.

SECTION 1300.0 – SEVERABILITY

1300.0 In the event that any section, subsection or any portion of this Ordinance shall be declared by any Court of competent jurisdiction to be invalid for any reason, such decision shall not be deemed to affect the validity of any other section, subsection or other portion of this Ordinance. To this end, the provisions of the Ordinance are hereby declared to be several.

This Ordinance received its final reading on _____ and was passed by Unanimous vote at that time and shall be in full force and effect upon being published in full force and effect upon being published in full within ten days after its final passage.

Attest: _____
Town Clerk

Example

TOWN OF MACHIAS WWTF

Technical Based Limits for Industrial Discharges in the Town of Machias

METHOD – Allowable Headworks Loadings Based on Prevention of Pollutant Pass Through for BOD and TSS.

**(8.34) (30mg/l average permitted NPDES discharge limit at Sewage Works) (0.37MGD)
15 percent of pollutants left in discharge**

= 617 pounds of BOD and TSS that Sewage Works can technically treat daily

Domestic and commercial contributions = BOD – 500 pounds/day; TSS – 400 pounds/day

**Allowable Industrial contributions = BOD – 617 allowable – 500 actual = 117 pounds/day
TSS – 617 allowable – 400 actual = 217 pounds/day**

Machias Wastewater Sewer Connection and Dumping Fees

The Machias Board of Selectmen hereby establishes the following rates to be charged for The Machias Wastewater Sewer Connection Fees and Dumping Fees in accordance with the Machias Sewer Ordinance. Said fees will become effective on January 15, 2015 and become a part of said Ordinance.

*Changes made to Resident and Non-resident Dumping Fees as of January 15, 2015.

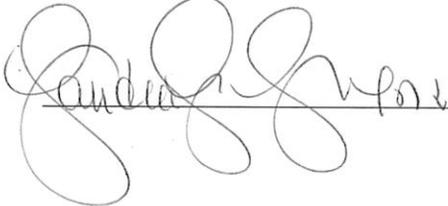
Sewer Line Reconnection Fee:	\$ 10.00 Per Unit For Residential
Sewer Line Reconnection Fee:	\$ 50.00 Per Unit For Commercial
New Sewer Line Connection Fee:	\$ 50.00 Per Unit For Residential
New Sewer Line Connection Fee:	\$300.00 Per Unit For Commercial
R. V. Dumping Fee:	\$ 10.00 Per R.V.
Resident Dumping Fee:	\$ 50.00 Per Thousand Gallons*
Non-Resident Dumping Fee:	\$ 50.00 Per Thousand Gallons*

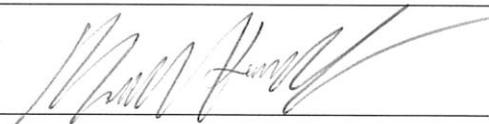
All connections to the Machias Wastewater Sewer System shall require an approved permit be obtained and the submission of required fees in advance of any work being performed. Please review the Machias Sewer Ordinance for additional information and requirements.

MACHIAS SELECT BOARD



Carol Poucher





Dated: _____