

**SEWER USE RULES AND REGULATIONS FOR
RICHMOND UTILITIES DISTRICT SEWER DIVISION
RICHMOND, MAINE**

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**RICHMOND UTILITIES DISTRICT
RICHMOND, MAINE**

RULES AND REGULATIONS

Rules and regulations concerning the use of public and private sewers and drains, the installation and the connection of building sewer, and the discharge of waters and wastes into the public sewer systems; and providing penalties for violations thereof; for the Richmond Utilities District, County of Sagadahoc, State of Maine.

ARTICLE I

DEFINITIONS

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

Section 1. "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 the most recent edition of Standard Methods.

Section 2. "Building Drain" shall mean that part of the lowest horizontal piping of a drain system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building or structure and conveys it to the building sewer. The physical limit of the building drain shall be a point eight (8) feet outside the exterior face of the structures wall.

Section 3. "Building Sewer" shall mean the pipe(s) extending from the structure's building drain to its connection to the public sanitary sewer.

Section 4. "Combined Sewer" shall mean a sewer receiving both natural surface runoff and sewage.

Section 5. "District" shall mean the Richmond Utilities District acting through its Board of Trustees, Superintendent, Plant Operator, employees or other duly authorized agent.

Section 6. "Sanitary Wastewaters" shall mean the liquid waste discharged from a building's or structure's sanitary conveniences, such as toilets, washrooms, urinals, sinks, showers, small laundries, and from kitchens and cafeterias essentially free of industrial wastes or toxic materials. Sanitary wastewater may or may not be discharged separately from industrial wastewater. For a combined discharge, the District shall determine if a wastewater discharge meets the definition of "sanitary wastewater".

Section 7. "Excessive" shall mean amounts or concentrations of a constituent of a sanitary or industrial wastewater which in the judgment of the District: [a] will cause damage to any facility, [b] will be harmful to a wastewater treatment process, [c] cannot be removed in the District's treatment facilities to the degree required in District's National Pollutant Discharge Elimination System/State of Maine (MEPDES) permit, [d] can otherwise endanger life or property, or [e] can constitute a nuisance.

Section 8. "District facilities" shall include District owned or leased structures, conduits, pump stations, wastewater collection, treatment and disposal facilities, and other appurtenances for the purpose of collecting, treating and disposal of domestic and/or industrial wastewater.

Section 9. "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.

Section 10. "Industrial Wastewaters" shall mean the liquid wastes, including any types of solids, from industrial or commercial manufacturing processes as distinct from sanitary wastewater. Industrial wastewaters may or may not be discharged separately from sanitary wastewaters. For combined discharge the District shall determine if the discharge meets the definition of "industrial wastewater".

Section 11. "Natural Outlet" shall mean any outlet into watercourse, pond, ditch, lake, or other body of surface water or groundwater.

Section 12. "Owner" shall mean both the person who is 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 mortgage of the property in question unless the mortgagee exercises his mortgage rights and becomes an owner.

Section 13. "Person" shall mean any individual, firm, company, association, society, corporation or group.

Section 14. "pH" shall mean the logarithm of the reciprocal of weight of hydrogen ions in grams per liter of solution. It is a method of expressing the acidic or basic strength of a solution and the tendency or ability of that solution to react with other acidic or basic solutions. The pH value may range from 1 (strong acid) to 14 (strong base). Pure water is neutral and has a pH of 7.

Section 15. "Plant Operator" shall mean the operator of the District facilities, or his authorized deputy, agent or representative all acting for the Board of Trustees, Richmond Sewer District.

Section 16. "Private Sewer Systems" shall mean any sewer that collects wastewater 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 District.

Section 17. "Properly Shredded Garbage" shall mean the wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewer, with no particle greater

than one-half (1/2) inch in any dimension.

Section 18. "Public Sewer" shall mean a common sanitary sewer serving the general public and owned and controlled by the District.

Section 19. "Sanitary Sewer" shall mean a sewer which carries domestic and/or industrial wastewater and to which natural storm, surface, and groundwaters are not intentionally admitted.

Section 20. "Septage" shall mean the mixture of liquids and solid matters removed from a septic tank during normal cleaning.

Section 21. "Septage Dumping Facility" shall mean the facility specifically designed to handle the septage.

Section 22. "Sewage" shall mean a combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such natural ground, surface, and stormwaters as may be present. This term shall be interchangeable with the word "wastewater".

Section 23. "Sewer" shall mean any pipe or conduit whether above or below ground for carrying sewage.

Section 24. "Shall" is mandatory; "May" is permissive.

Section 25. "Slug" shall mean any discharge of water or wastewater in which the concentration of any given constituent or the rate of flow exceeds, for any period of duration longer than fifteen (15) minutes, more than five (5) times the average twenty-four (24) hours concentration, or flow, during normal operation.

Section 26. "Standard Methods" shall mean Standard Methods for the Examination of Water and Wastewater, latest edition, published by the American Public Health Association.

Section 27. "Storm Drain" (sometimes termed "storm sewer") shall mean a sewer which carries natural storm and surface waters and drainage, but not sewage and industrial wastes, other than unpolluted cooling water.

Section 28. "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 defined as Total Suspended Solids and are determined in accordance with Standard Methods.

Section 29. "Town" shall mean the Town of Richmond, Sagadahoc County, Maine.

Section 30. "Watercourse" shall mean a natural or improved channel in which a flow of water occurs, either continuously or intermittently. The terms "waterway" or "swale" shall be considered interchangeable.

Section 31. "Wastewater Treatment Facilities" shall mean any arrangement of devices and structures used for treating sewage.

ARTICLE II

USE OF PUBLIC SEWERS REQUIRED

Section 1. The owner(s) of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, and generate wastewater, situated within the District and abutting on any street, alley, or right-of-way which there is located a public sanitary sewer of the District, is hereby required at his expense to install building sewer(s) and to connect such sewer(s) directly with the public sewer in accordance with the provision of the sewer Rules and Regulations, within ninety (90) days after the date of official notice to do so, provided that said public sewer is within two hundred (200) feet of any existing or proposed buildings and/or private sewage or sewage disposal systems.

ARTICLE III

PRIVATE WASTEWATER DISPOSAL

Section 1. Where a public sanitary sewer is not available under the provisions of Article II, Section 1, the building sewer shall be connected to a private wastewater disposal system complying with the provisions of the State of Maine Plumbing Code, Part II, Subsurface Wastewater Disposal Regulations and the ordinances of the Town of Richmond.

Section 2. At such a time as a public sewer becomes available to a property served by a private wastewater disposal system, a direct connection from the building drain to the public sewer shall be made within 90 days and any private sewer systems, septic tanks, cesspools and similar private wastewater disposal facilities shall no longer be used and shall be taken out of service as outlined in Article IV, Section 2 or by some other method acceptable to the District and the Town of Richmond.

Section 3. The septage from private wastewater disposal systems and the contents of wastewater holding tanks from dwellings or recreational vehicles shall not be discharged to the public sewer system except by specific permission of the District.

Section 4. No statement contained in this Article shall be construed so as to interfere with any requirements that may be imposed by town ordinance or by authorized representatives of the Town.

ARTICLE IV

BUILDING SEWERS AND FUTURE CONNECTIONS

Section 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 District. All the work related to the installation of building sewers, and the connection to the public sewers shall be performed by persons approved by the Richmond Utilities District.

Any person proposing three or more new connections to the system shall make application to the District at least forty-five (45) days prior to the proposed connection(s), shall pay the required fees and shall comply with Maine Revised Statutes Annotated, (MRS) Title 38, Chapter 3, Subchapter 1, Section 361.

Section 2. For those persons hooking into a new sewer within ninety (90) days of its construction, the inspection fee only will be waived. For future connections an inspection fee shall be paid to the district at the time the application is filed.

There shall be two (2) classes of building sewer permits: (a) for residential and commercial sanitary wastewaters, and (b) for service to establishments producing industrial wastes. If the discharges are separate, a permit shall be required for each type. If the discharge is combined, the district shall determine which type of permit is required. In either case, the owner or his authorized agent shall make application on a form furnished by the District. The permit application shall be supplemented by plans, specifications, or other information considered pertinent in the judgment of the District.

An impact, entrance and inspection fee for each type of building sewer permit shall be paid to the District. The fees shall be established by the District. Payment must be made before connection to the public sewer can be done.

In the case of multiple building units or connections, connections involving sewer extensions, or industrial discharge or pretreatment applications, the District may require a monetary deposit sufficient to cover the cost of review of the application, including any expert advice deemed necessary by the District. The amount of deposit shall be estimated by the District and upon payment by the applicant, kept in a non-interest bearing account. Upon completion of 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 District, a second deposit shall be made, and handled in the same manner as the first.

Permits shall expire 180 days after the date of issuance if a written request is not made to the District for an extension, and three hundred sixty-five (365) days after the date of issuance if the District is not notified that building sewer is ready for final connection.

Section 3. All costs and expenses, incident to the application, review, installation, connection,

repair and maintenance of the building sewer shall be borne by the owner. The owner shall indemnify the District for loss or damage that may directly or indirectly be occasioned by the installation of a building sewer.

Section 4. A separate and independent "building sewer" shall be provided for every building, except where one building stands at the rear of another on an exterior 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 if approved by the District. Both buildings shall be considered as one service except for the purposes of inspection and impact fees established under Article IV, Section 2 and sewer service charges established under Article X, herein.

Section 5. Old building sewers or portions thereof may be used in connection with new buildings or structures only when they are found, on examination and test by the District, to meet all requirements of the Sewer Rules and Regulations.

Section 6. 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;
 - 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 ting in grooved bell, ASTM-C564;
- or
- 4) Ductile Iron push-on joint sewer pipe, Class 51, ASTM-A746, 18-foot or 20-foot lengths.

The inside diameter of the building sewer shall not be less than four (4) inches nor shall the slope of the pipe beginning 8 feet outside any building or structure exterior wall be less than one-quarter (1/4) inch per foot unless approved by the District. For building sewers over 100 feet in length from the interior building wall to the connection point to the public sewer the minimum inside diameter shall be six (6) inches.

The depth of building sewer shall be sufficient to afford protection from frost. Any part of any building sewer line installed with less than three (3) feet ground cover shall be insulated as approved by the District.

The building sewer shall be laid at uniform grade and in straight alignment insofar as possible. Changes in direction shall be made only with properly curved fittings. The ends of building sewers shall be sealed against infiltration by a suitable stopper, plug, or other approved means. All joints, connections or plugs shall be made gas tight and water tight. The building sewer shall be laid on a firm bed (6-inch compacted depth) or ½-inch to 1-inch crushed stone or gravel, and back-filled by hand with the same crushed stone or gravel. The hand fill shall be placed around the pipe and over it to a compacted depth of at least 6 inches over the pipe. Backfill up to 6 inches over the pipe shall be tamped. The remainder of the trench may be backfilled by machine with no stone greater than 3 inches. Reconstruction of pavement surface, including gravel base

courses, shall be in accordance with ME-DOT or Town of Richmond specifications and ordinances as appropriate.

All excavations required for the installation of a building sewer shall be open trench work unless otherwise approved by the District. Excavation, pipe laying and backfill shall be performed in accordance with applicable portions of the Sewer Extension Design Specification, except that no backfill shall be placed until the pipe in place has been inspected by the District or its representative.

The transition joint between pipes of different materials shall be made with Fernco- type couplings or equal as approved by the District. One transition of different pipe materials shall be permitted beneath the road or street pavement or shoulder to allow connection of building sewer to the existing public sewer. For sewer extensions, the requirements of the Sewer Extension Design Specifications shall apply.

Pre-molded gasket joints shall be used and shall be neoprene compression type gaskets which provide a positive 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 recommendations using acceptable lubricant and special pipe coupling tools designed for that purpose.

Lead and oakum joints and solvent weld joints are not permitted except with written permission of the District. These joints, when permitted, shall be installed by licensed master plumbers.

Building sewer cleanouts shall be installed at intervals not to exceed 100 feet in straight lines and at all bends greater than 22 ½ degrees. The cleanouts shall consist of wyes and 45 degree elbows. Cleanouts shall be installed vertically to within 6 inches of the surface. A stainless steel strap shall be installed around the top of cleanouts constructed on non-metallic pipe.

Section 7. 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 means and discharged to the building sewer or service lateral. Plans and details of the proposed method shall be submitted to the District for review. In general, if the proposed method is a submersible pump station, the design shall follow the criteria outlined for submersible pump stations in Sewer Extension Design Specifications.

A clean septic tank in good condition as determined by the District may be used for a pump tank. The outlet to the disposal field shall be disconnected and plugged. If required by the District, the tank shall be tested for water-tightness.

Section 8. The fittings used and manner of connecting a building sewer to an existing public sewer shall conform to the requirements of the Richmond Utilities District Extension Design Specifications, and the procedures set forth in appropriate sections of the Water Pollution Control Federation - Manual of Practice No. 9. All such connections shall be made gas-tight and

water-tight. For sewer extensions the connection shall be made in accordance with approved drawings. Any deviation from the prescribed procedures and materials must be approved in writing by the district before installation. Where a building sewer is to be connected directly into an existing manhole (because no service connection is available) the hole in the manhole wall shall be cut in with a coring machine. Internal drop connections to connect house services directly into existing manholes are not permitted without submission of a sketch and written approval by the District.

Section 9. No person(s) 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.

Section 10. The applicant for the building sewer permit shall notify the District at least forty-eight (48) hours before beginning work and also when the building sewer is ready for inspection and connection to public sewer. The connection to the public sewer shall be witnessed by the District or its representative.

Section 11. Upon completion of the connection of the building sewer to the public sewer, all contents of the old septic tank(s) or other structures shall be pumped out, two or more holes punched in the bottom and the tank filled with sand, or the tank(s) removed.

Section 12. All excavation for a 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 and in conformance with the standards of the Town and District.

Section 13. No connection of any kind shall be made directly from any private property to the District sewer force main.

ARTICLE V

PERSONS APPROVED TO MAKE CONNECTIONS TO PUBLIC SANITARY SEWERS

Section 1. The District shall maintain a list of persons established by reputation and experience to install building sewers to the public sanitary sewer. The use of other persons for this work may be done only with the approval of the District.

ARTICLE VI

USE OF PUBLIC SEWERS

Section 1. No person(s) shall discharge or cause to be discharged any unpolluted waters such as stormwater, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated

cooling water, or unpolluted industrial process waters to any sanitary sewer. Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designed as storm sewer, or to a natural outlet approved by the District. Unpolluted industrial cooling water or unpolluted process waters may be discharged, on approval of the District, to a storm sewer, or natural outlet; and the discharge shall comply with Maine Revised Statutes Annotated Title 38, Chapter 3, Section 413. Any person who is found with any of the above connections may be subject to the fines and penalties in Article X, Section 9 of these Rules and Regulations.

Section 2. No person(s) shall discharge or cause to be discharged any of the following described waters or wastes to any public sewer:

- a) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas which will create a fire or explosive hazard in the District's facilities.
- b) Any waters or pollutants containing toxic or poisonous solids, liquids, or gases ~~not listed on Table I of Article VI, Section 3 herein~~ capable of causing either singly or by interaction with other wastes, ~~injury~~ pass-through or interference with any waste treatment process, a hazard to humans or animals, public nuisance, or any hazard in the District's facilities.
- c) Any waters or wastes having a pH lower than 5.5 or higher than ~~9.5~~10.0 or having any other corrosive property capable of causing damage or hazard to the District's facilities and personnel.
- d) Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers or other interference with the proper operation of the District's facilities such as, but not limited to, stone, mud, straw, sticks, plaster, cement, mortar, metal, rags, shavings, glass, feathers, tar, plastics, wood, improperly shredded garbage, whole blood, paunch manure, ~~shells, bones~~, fleshings, hair, entrails, paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
- e) Any waters or pollutants including oxygen demanding pollutants (BOD, etc.) which released in quantities of flow or concentration or both constitute a "slug" as defined herein.
- f) Any heated waters or pollutants in amounts which will inhibit or interfere with biological activity in the District's wastewater treatment facilities but in no case heated waters or pollutants in which quantities that the temperature at the wastewater treatment facilities influent exceeds 104 degrees Fahrenheit (40 degrees Celsius).

Section 3. The following described substances, materials, wastes or wastewaters, or pollutants discharged to the public which will not harm either the sewers, wastewater treatment process or other district facilities, will not have an adverse effect on the receiving stream, or will not otherwise endanger life, limb, public property, or constitute a nuisance. The District may set concentration limitations ~~lower~~ more restrictive than the limitations established in regulations below if in the opinion of the District more severe limitations are necessary to meet the above objectives. In forming their opinion as to the acceptability, the District will give consideration to such factors as the quantity of subject wastes in relation to flows and velocities in the sewers, the wastewater treatment process employed, capacity of the wastewater treatment process

employed, degree of treatability of the waste in wastewater treatment plant, and other pertinent factors.

- a) Liquids or vapors having a temperature higher than one hundred fifty (150) degrees Fahrenheit (65 degrees Celsius).
- b) Wastewater containing fats, wax, grease or oils, whether emulsified or not, in excess of a total of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) degrees Fahrenheit (0 and 65 degrees Celsius).
- c) Garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths (3/4) horsepower or greater shall be subject to review and approval of the District.
- d) Waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity to ~~injure~~ pass through or interfere with any sewage treatment process or the effluent of the District's sewage treatment facilities. Such toxic or otherwise problematic substances shall be ~~limited by quantity or concentration to the average concentrations as established in Table 1 or~~ as established on a facility-specific basis to meet the requirements of ~~the~~ State, Federal, local, or other public agencies ~~or~~ with jurisdiction ~~for~~ over such discharges to the receiving waters, whichever is most stringent ~~lower~~. ~~At no time shall the hourly concentration exceed three times the average concentration. If concentrations listed are exceeded~~ If there is a risk or a reasonable expectation of a risk of adverse impacts from the discharge of contaminants, individual establishments will be subject to monitoring and control provisions by the District. ~~in volume and concentration of wastes discharged provided in Section 8 of this Article.~~
- e) Any waters or pollutants containing odor-producing substances exceeding limits which may be established by the District,
- f) Radioactive wastes or isotopes of half-life or concentrations as may exceed limits established by the District in compliance with applicable State or Federal regulations.
- g) Quantities of flow or concentrations of any wastewater constituent or both which constitute a "slug" as defined herein.
- h) Materials which exert or cause:
 - 1) Unusual concentrations of inert suspended solids such as, but not limited to, fullers earth, lime slurries, lime residues, or of dissolved solids such as, but not limited to, sodium chloride and sodium sulfate.
 - 2) Excessive discoloration such as, but not limited to, dye wastes and vegetable trimming solutions.
 - 3) Unusual BOD, chemical oxygen demand, or chlorine requirement in such quantities as to constitute a significant load on the District's treatment facilities.
 - 4) Unusual volume of flow or concentration of wastes constituting organic wastes.

- i) Boiler blowoffs or sediment traps.
- j) Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment process employed, or are amenable to treatment only to such a degree that the sewage treatment facility effluent cannot meet the requirements of other agencies having jurisdiction over the discharge to receiving waters.
- k) Any water or pollutants which, by interaction with other water or pollutants in the public sewer system; release obnoxious gases, form suspended solids which interfere with, or create a condition deleterious to the District's facilities and operation.

Section 4. If any waters or wastes are discharged, or are proposed to be discharged to the public sanitary sewers, which waters have a daily flow greater than 2 percent of the average daily flow of the District's treatment facility, or which in the judgment of the district contain substances which have or may have a deleterious effect upon the facilities, processes, equipment or receiving waters, or which otherwise creates a hazard to life and constitutes a public nuisance, the District may:

- a) Reject the wastes.
- b) Require pretreatment to an acceptable condition prior to discharge to the public sanitary sewers.
- c) Require payment to cover the added cost of handling and treatment of wastes not covered by sewer charges under the provisions of Section 11 of this Article.

If the District requires the pretreatment or equalization of waste flows, the design and installation of the process structures and equipment shall be subject to review of the District and subject to the requirements of all applicable codes, ordinances, and laws. Plans, specifications and any other pertinent information relating to proposed pretreatment treatment facilities shall be submitted for review. No construction of such facilities shall be commenced until the review is completed and permission to proceed is obtained in writing.

~~Section 4. If any waters or wastes are discharged, or are proposed to be discharged to the public sanitary sewers, which waters have a daily flow greater than 2 percent of the average daily flow of the District's treatment facility, or which in the judgment of the district contain substances which have or may have a deleterious effect upon the facilities, processes, equipment or receiving waters, or which otherwise creates a hazard to life and constitutes a public nuisance, the District may:~~

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- ~~b) Require pretreatment to an acceptable condition prior to discharge to the public sanitary sewers.~~
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~~If the District requires the pretreatment or equalization of waste flows, the design and installation of the process structures and equipment shall be subject to review of the District and subject to the requirements of all applicable codes, ordinances, and laws. Plans, specifications and any other pertinent information relating to proposed pretreatment treatment facilities shall be~~

~~submitted for review. No construction of such facilities shall be commenced until the review is completed and permission to proceed is obtained in writing.~~

Section 5. No industrial septage from septic tanks, cesspools, or other receptacles storing organic wastes shall be discharged to the District facilities.

Section 6. Grease, oil, and sand interceptors shall be provided when, in the opinion of the District, they are necessary for the proper handling of liquid wastes containing floatable grease or food oils in excessive amounts, or any flammable wastes, sand or other harmful ingredients; except that such interceptors shall not be required on services functioning solely for private living quarters or private dwelling units. All interceptors shall be of a type and capacity approved by the District, and shall be located as to be readily and easily accessible for cleaning and inspection.

Any new commercial or institutional food preparation facility, such as a restaurant, cafeteria, or institutional kitchen, served by the Richmond Utilities District shall install an external grease interceptor. This also applies to any commercial or industrial user which the District feels has a high probability of impacting the wastewater collection and treatment facility with grease. Any converted or expanded facility requires an external grease interceptor except when not practical as determined by the local Plumbing Inspector; in which case an internal grease interceptor shall be used meeting the Maine Internal Plumbing Code. The external grease interceptor shall be located in a separate line serving that part of the plumbing system into which the external grease will be discharged. The external grease interceptor shall be located close to the source of the wastewater to keep the grease from solidifying. External grease interceptors shall be installed with an access cover to the surface and located, designed, and installed in a manner that will permit easy access for inspection, repair, and cleaning.

Sizing of External Grease Interceptors.

Equations 912.3 and 912.4 the Maine State Internal Plumbing Code shall be adhered to for the proper sizing of external grease interceptors. In no case may an external grease interceptor serving a restaurant, cafeteria, or institutional kitchen be smaller than 750 liquid gallons.

Construction.

The minimum requirements for construction, materials, and foundations of external grease interceptors are the same as those required for septic tanks. The installation shall be in accordance with Section 907.0 of the Maine State Plumbing Code.

Maintenance.

All external grease interceptors shall be routinely inspected by the owner to determine the volume present. All external grease interceptors shall be cleaned when the volume of the grease equals no more than 50% of the liquid capacity of the tank.

Internal Grease interceptors.

All internal grease interceptors that are installed shall be of a type and size in accordance with the Maine State Plumbing Code. No internal grease interceptor shall be installed in

the same piping as a dishwasher or other disturbance that will keep grease from solidifying in the interceptor. If the District Board votes to accept an internal grease interceptor then it will have to meet the approval of the Local Plumbing Inspector.

Reporting.

All customers that own and maintain a grease interceptor at their business will be required to file a quarterly inspection and cleaning report for the interceptor with the District. The forms will be provided by the District and any facility that is found in non-compliance will face weekly penalties determined by the Board of Trustees, based on the severity of the violation.

In maintaining these interceptors the owner(s) shall be responsible for the proper removal and disposal by legal and environmentally safe methods of the captured material and shall maintain records of the date, name of the hauler, quantity hauled, and means of disposal. Signed copies of these records shall be submitted every 6 months to the District. Any removal and hauling of the collected materials not performed by the owner(s) personnel shall be performed by state-licensed waste disposal firms.

Section 7. Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

Section 8. When required by the District, the owner of any property serviced by a building sewer into which industrial wastewaters are discharged shall install a suitable control manhole together with such observation, sampling and measurement of the wastewaters in the building sewer. Such manholes and equipment, when required, shall be safely and accessibly located, and shall be constructed in accordance with plans reviewed by the District. 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. The owner shall, if required by the District, perform flow measurements and analyses of the wastewaters at his expense.

Section 9. The District may require a user of sewer services to provide information needed to determine compliance with the Rules and Regulations. The requirements may include:

- a) Wastewater discharge peak rate and volume over a specified period,
- b) Chemical analyses of wastewater performed by a laboratory that satisfactorily participates in the United States Environmental Protection Agency (USEPA) Water Pollution Series of Performance Evaluations,
- c) Information on raw materials, processes, and products affecting wastewater volume and quality,
- d) Quantity and disposition of specific liquid, sludge, oil, solvent, or other materials important to sewer use control,
- e) A plot plan of the user's property showing the locations of all structures, water lines, storm drainage, sewers and pre-treatment facility location, drawn to a scale determined by the District,
- f) Details of wastewater pre-treatment facilities design and construction, and
- g) Details of systems to prevent spills or control the losses of materials through spills to

the public sewer.

Section 10. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with Standard Methods or equivalent USEPA methods as outlined in 40 CFR, Parts 136 and 261, ~~October 26, 1984,~~ and shall be determined at the control manhole provided based on suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out as outlined in the USEPA Handbook for Sampling and Sample Preservation of Water and Wastewater to reflect the effect of constituents upon the District's facilities and to determine the existence of hazards to life, limb and property. ~~(The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken).~~ Normally, but not always, BOD and suspended solids (TSS) analyses are obtained from twenty-four (24) hour composites of all outfalls, whereas pH's are determined from periodic grab samples. The owner shall submit ~~on the first of the month~~ at a time specified by the District the results of any monitoring and testing required by the District. These records shall be available for review by local, state and federal agencies.

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

Section 11. The District will develop and enforce pre-treatment regulations for existing and new sources of pollution that are discharged or proposed to be discharged in to the municipally owned wastewater facilities as set forth in Title 40, Chapter 1, part 128 and Part 403 of the Final Rules of the United States Environmental Protection Agency, ~~and Maine CMR 06-096 Chapter 528, Pretreatment Program.~~

Section 12. The District shall require forty-five (45) days' notification of any new proposed discharge having a daily flow greater than 2 percent of the average daily flow, ~~or greater than 5 percent of the contaminant loading~~ of the District's facilities. In addition, changes in volume, concentration, loading, or character of an existing wastewater discharge greater than twenty (20) percent shall require said notification.

Section 13. No statement contained in this article shall be construed as preventing any special agreement or arrangements between the District and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the District for treatment, subject to payment thereof, by the industrial concern, provided that such agreements do not contravene any requirements of existing Federal or State laws and/or regulations promulgated thereunder, and are compatible with any user charge and industrial cost recovery system in effect.

ARTICLE VII

SEWER EXTENSIONS

Section 1. All extensions to the sanitary sewer system owned and maintained by the District be properly designed by an Engineer registered in the State of Maine. Plans and specifications for sewer extensions shall be submitted to the District forty-five (45) days before the regularly scheduled Sewer District meeting at which District approval of the extension will be requested. The expenses incurred by the District in reviewing the plans and specifications shall be paid from a deposit made by the owner, builder, or developer at the time of applications. The design of sewers and pump stations to be deeded to the District shall anticipate and allow for all possible future system extensions or developments within the future drainage areas.

Section 2. Sewer extensions, including individual building sewer from the public sewer to the property line, may be constructed by the District if, in the opinion of the Board of Trustees, the number of existing, improved properties to be served by such extension warrants its cost. Property owner(s), builder(s), or developer(s) may propose sewer extensions within the District by drafting a written petition, signed by a two-thirds majority of the benefiting property owners, and filing it with the District. All the costs associated with such extensions shall be assessed to the benefited property owners in a manner determined by the District to prevent any increase in the bonded indebtedness of the District.

Section 3. If the District does not elect to construct a sewer extension under public contract, the property owner(s), builder(s) or developer(s) may construct the necessary sewer extension, if such extension is approved by the District in accordance with the requirements of Section 1. He or they shall pay for the entire installation, including sewers, pump stations, service connections, impact fees and all expenses incidental thereof. Each building sewer installed must be installed and inspected as required under Article IV and the inspection fees shall be paid. Design of sewers shall be as specified in Section 4. The construction of the sewer extension shall be subject to continuous, full-time inspection by the District, or its representative, and the estimated expenses for this inspection shall be deposited with the District and paid by the owner(s), builder(s), or developer(s) at the time the application is approved and before construction begins. The District's decisions shall be final in matters of quality and methods of construction.

Section 4. Sewer extension design and construction shall be in accordance with the Richmond Utilities District – Sewer Extension Design Specifications.

Section 5. Connection of the sewer extension to the District's facilities shall not be permitted until:

- 1) the completed sewer has been tested and passed;
- 2) all fees have been paid for the approved lots to be connected;
- 3) reproducible; 2 printed copies and 1 digital copy provided on a USB or external hard drive of the completed sewer have been furnished;
- 4) a one-year maintenance guarantee bond in a form acceptable to the District for an amount equal to 30 percent of the cost of construction of the sewer and appurtenances as estimated by the District, and;

5) an offer is made from the owner(s), builder(s) or developer(s) in a form acceptable to the District to transfer ownership and maintenance responsibilities and property and easement rights to the District.

ARTICLE VIII

PROTECTION FROM DAMAGE

Section 1. No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance or equipment which is part of the wastewater treatment facility or collection system. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

Section 2. A contractor must present a certificate of insurance showing minimum liability coverage of \$100,000/\$300,000 for bodily injury and a \$50,000 limit for property damage including collapse underground and completed operations covered with the District listed as an additional insured before a permit will be issued for building sewers or sewer extensions. Sewer extensions may require higher coverage if required by the District.

ARTICLE IX

POWERS AND AUTHORITY OF INSPECTION

Section 1. The District and other duly authorized representatives of the District bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, measurement, sampling, and testing pertinent to discharge to the public sewer system in accordance with provisions of this ordinance but only at reasonable times and upon reasonable notice. The District and its representatives shall have no authority to inquire into any processes including metallurgical, chemical, oil refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the District's facilities or waterways. Any information so obtained and considered as proprietary shall be held so by the District.

Section 2. While performing the necessary work on private properties referred to in Article IX, Section 1 above, the District or duly authorized representative of the District shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the District's employees or representatives and the District shall indemnify the company against loss or damage to its property by District employees or representatives and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions as required in Article VI, Section 7.

Section 3. All users, public or private, that discharge to the District's Publicly Owned Treatment Works (POTW) shall allow unrestricted access by District, State and EPA personnel ("Inspector(s)") for the purpose of determining whether the user is complying with all

requirements of these rules and regulations, and Industrial Discharge Permit or order issued hereunder. All users shall allow the Inspector(s) ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties. Customers will be given at least 24 hours prior notice for all non-emergency inspections.

- a) If a user has security measures in force that require proper identification and clearance before entry into its premises, the user shall make necessary arrangements with its security guards so that, upon presentation of suitable identification, the Inspector(s) will be permitted to enter without delay for the purposes of performing specific responsibilities.
- b) The Inspector(s) shall have the right 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 operations.
- c) The Inspector(s) may require the user to install monitoring equipment as necessary. The facility'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 annually to ensure accuracy.
- d) Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the user at the written or verbal request of the Inspector(s) and shall not be replaced. The costs of clearing such access shall be born by the user.
- e) Unreasonable delays in allowing the Inspector(s) access to the user's premises shall be a violation of these rules and regulations. If we are denied access to the premises, the District will send a certified letter to the customer giving said customer three (3) business days from the date of the letter to allow the District to check the property for possible violations or legal action will be taken.
- f) The Inspector(s) is/are authorized to obtain information concerning industrial processes that have a bearing on the kind or source of discharge to the public sewer. The industrial user may request that the information in question not be disclosed to the public. The information in question shall be made available upon written request to governmental agencies for uses related to these rules and regulations, the MEPDES and NPDES permits, or the pretreatment program. The burden of proof that information should be held confidential rests with the user. However, information regarding wastewater discharge by the user (flow, constituents, concentrations, and characteristics) shall be available to the public without restriction.
- g) While performing the necessary work on private properties referred to in this Section, the Inspector(s) shall observe all safety rules applicable to the premises established by the user. The user shall be held harmless for injury or death to the Inspector(s) and the District shall indemnify the user against loss or damage to its property by the District employees and against liability claims and demands for personal injury or property damage asserted against the user and growing out of the monitoring activities, except as such may be caused by negligence or failure of the user to maintain safe conditions.
- h) The Inspector(s) shall be permitted to enter all private properties through which the District holds a duly negotiated easement for the purposes of, but not limited to,

inspection, observation, measurement, sampling, repair, and maintenance of any portion of the POTW lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

i) The Superintendent and other duly employees of the District bearing proper credentials and identification shall inspect the premises of any consumer for leakage or other wastes of metered water upon the request of the consumer. Such a request may be required in writing by the District. The District shall not be held liable for any condition that may prevail or exist that is discovered by inspection of the District.

Section 4. If the Superintendent, any other duly authorized representative of the District, has been refused access to the building, structure, or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of these rules and regulations or any permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, then the District may seek issuance of a search warrant from the Sagadahoc District Court. All fees incurred in obtaining a search warrant will be billed to the customer.

ARTICLE X

SEWER SERVICE CHARGES

Section 1. The District shall establish a user charge system in accordance with appropriate Federal and State laws, rules and regulations.

Section 2. Sewer service charges totaling 100 percent of the revenues needed for retiring debt services, necessary capital expenditures and for operation and maintenance (including replacement) of the District's facilities shall be collected from all users and abutters of the public system.

Section 3. The sewer service charge to any residential or commercial user, except as noted in this Section, shall be based on the uniform rate charged to all residential users. The charge rate will be determined at least annually by the District. This charge will be billed on a quarterly basis throughout each calendar year. All users who generate wastewater within the legally-required connection distance of a District sewer shall be assessed the full rate. There shall be no reduction in the rate for an unused or unoccupied structure.

Section 4. A fixed rate sewer service charge shall be established for any user(s) who by virtue of the strength or other unusual characteristics of the wastewater entering the public sewer, or whose waste disposal situation, is such that it would be in the public interest to waive the basic requirements. The District, after appropriate study and advice, shall establish a special agreement with said firm.

Section 5. A special charge, known as a Sewer System Development Charge, shall be determined and established for all user connections to the District's facilities.

Section 6. The District reserves the right, from time to time, to change sewer service charges originally or previously assigned to any property owner.

Section 7. All sewer charges billed by the District are due and payable upon receipt. A late penalty will be added to any bill not paid 90 days after billing.

Section 8. There shall be a lien on real estate served or benefited by a public sewer to secure the payment of sewer charges duly established hereunder which shall take precedence over all other claims on such real estate, excepting only claims for taxes as provided for in M.R.S.A. Title 38, Chapter 11, Subchapter 111, Section 1208. In addition, the District, acting through its Treasurer, may bring civil action against the party so charged for the amount of said sewer service charges in any court competent to try the same, and in such action may recover the amount of such charges with legal interest on the same from the date of said charge, plus costs.

***Section 9.* All homes found with an illegal connection to the sewer system will be fined \$300 per quarter. An illegal connection would be the introduction of anything other than "Sanitary Wastewater", as defined in Article I, Section 6. If the District discovers an illegal connection on private property, the owner of the premises will receive a certified letter from the District stating the discovery of the illegal connection(s). The property owner will be fined \$300 per quarter until the illegal connection has been repaired or removed permanently. All repairs must be inspected by District personnel and must adhere to these rules and regulations.**

ARTICLE XI

VALIDITY AND PENALTIES

Section 1. All District Rules and Regulations or parts thereof in conflict herewith are hereby repealed.

Section 2. The invalidity of any section, clause, sentence or provision of the Sewer Rules and Regulations shall not affect the validity of any other part of these rules and regulations which shall remain in effect without such invalid part or parts.

Section 3. Any person violating any provision of these rules and regulations shall be served by the District with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.

Section 4. Any person who shall continue any violation beyond the time limit provided for in written notice, may be subject to court action. Each day in which any such violation shall continue shall be deemed a separate offense.

Section 5. Any person violating any of the provisions of these rules and regulations shall become liable to the District for any expense, loss or damage occasioned the District by reason

of such violation.

Section 6. No representative, employee or agent of the District has the right to alter or waive any of these rules, regulations or conditions of services without the specific consent or approval of the District's Trustees.

ARTICLE XII

ORDINANCE IN FORCE

Section 1. This ordinance shall be in full force and effect from and after its passage, approval, recording and publication as provided by law.

Section 2. Passed and adopted by the Board of Trustees of the Richmond Utilities District, County of Sagadahoc, State of Maine on the XX day of Month, 2025.

Approved this XX day of Month, 2025.

Nate Bodge

Chairman

Dana Tuttle

Treasurer

Jeremy Bechard

Clerk