

SEWAGE DISPOSAL

Title 7

SEWAGE DISPOSAL*

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SIDE SEWERS

Chapter 7.04

SIDE SEWERS—INSTALLATION AND USE

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7.04.010 Chapter purpose. This chapter is declared to be an exercise of the police power of the state of Washington and of the city of Seattle to promote the public health, safety and welfare, and its provisions shall be liberally construed for the accomplishment of that purpose. (Ord. 97016 § 1; August 27, 1968).

7.04.020 Definitions. Words and phrases used herein, unless the same shall be contrary to or inconsistent with the context, shall mean as follows:

“City engineer” includes employees of the city of Seattle, department of engineering.

“Comprehensive plans” mean plans which are large in scope and intended to provide for the ultimate development of the drainage basins served by the sewers, as determined by the city engineer at the time the plan was proposed.

“Cover” means the depth of material between the top of the sewer pipe or drain and the finished grade immediately above it.

“Director” means the director of public health or his employees.

“Downspout” means a pipe which conducts water from a roof of a building.

“Footing drain” means an open joint or perforated pipe located near the foundation of a building, intended to intercept and carry underground storm or drainage water.

“Garbage” means putrescible waste from the preparation, cooking and dispensing of food, and from the handling, storage and sale of produce.

“Garbage, properly shredded” means garbage that has been shredded to such a degree that it will be carried or suspended freely under the flow conditions normally prevailing in public sewers, with no particle larger than three-eighths inch in any dimension.

“Industrial waste” means a liquid, solid or gaseous substance, or combination thereof, resulting from any process of industry, manufacturing, food processing, business, trade or research, including the development, recovering or processing of natural resources and including garbage, but distinguished from sanitary sewage or storm drainage.

“Licensed side sewer contractor” means a person approved by the city engineer and licensed by the city of Seattle to do work incidental to the construction or repair of side sewers.

“Metro” means the municipality of metropolitan Seattle.

“Natural outlet” means a watercourse, pond, lake, sound, stream, river, ditch, or other body of surface water.

“pH” means the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.

“Permit card” means a card issued in conjunction with a permit, or a carbon copy of the permit which shall be posted on the premises of the work being accomplished.

“Person” means any individual, company, partnership, corporation, association, society or group and the singular term shall include the plural.

“Planting strip, inside” means that portion of the street area lying between a public sidewalk location and the property line or street margin.

“Planting strip, outside” means that portion of the street area lying between the public sidewalk location and the curb location.

“Plumbing outlet, sanitary” means a plumbing outlet from a stationary or floating building or structure which carries the waste water from sanitary facilities and plumbing fixtures, and which does not intentionally carry storm water or unpolluted water (defined as “building drain” in the city of Seattle Plumbing Code).

“Plumbing outlet, storm” means a plumbing outlet from a building or structure which carries surface water or unpolluted water.

“Pre-treatment” means the treatment of effluent from a sanitary plumbing outlet or of industrial waste prior to its introduction into a combined sewer, storm drain, sanitary sewer or natural outlet, to the extent required by the city engineer.

“Public place”, “public area” or “street area” means any space dedicated to or acquired by the city of Seattle for the use of the general public.

“Public sewer system” means the sewer or storm drainage facilities owned and maintained by the city of Seattle, Lake City sewer district, southwest suburban sewer district or metro, or any sewage facilities acquired or constructed by such agencies.

“Sewage treatment plant” means an arrangement of devices, structures and equipment for treating waste water.

“Sewage” means waste discharged from sanitary plumbing outlets of buildings and other polluted water.

“Sewer, combined” means a sewer which carries surface runoff water, polluted water, unpolluted water, industrial waste, effluent from storm plumbing outlets, effluent from sanitary plumbing outlets, and water from foundation drains.

“Sewer, sanitary” means a sewer which carries waste water, and does not intentionally carry storm water or unpolluted water.

“Side sewer” means a storm or sanitary sewer pipe leading from a plumbing outlet, drain or other facilities to the public sewer system.

“Storm drain” means a public or private drain which carries storm and surface waters or drainage, effluent from storm plumbing outlets, and other unpolluted water.

“Sidewalk” means the walkway in a public area lying parallel to or generally parallel to the roadway. If the walkway is not yet paved, then all measurements shall be based upon a location and elevation determined by the city engineer.

“Suspended solids” mean solids that either float on the surface of or are in suspension in water, sewage, or other liquids, and which are remova-

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ble by filtering the liquids, and includes matter which, upon dilution with water or sewage, results in the formation of suspended solids.

"Unpolluted water" means water in its natural state, or water which, after use for any purpose, is not substantially changed as to chemical or biochemical qualities. The director or the city engineer may determine which waters are unpolluted water.

"Waste water" is a comprehensive term including industrial waste, storm drainage and sewage.

"Watercourse" means a channel in which a natural flow of water occurs or has occurred either continuously or intermittently. (Ord. 97016 § 2; August 27, 1968).

7.04.030 Connection required—Accessibility determination. The owner or occupant of any lands, premises or habitable structures shall connect such lands and all buildings, habitable structures, ditches, watercourses and plumbing outlets located thereon with the nearest accessible sanitary sewer, combined sewer system or storm drain, whenever such a sewer or drain is located within three hundred feet of the closest point of the building site or premises to be served, as measured along any public place or any easement granted for sewer purposes. The city engineer shall determine when the sanitary sewer, combined sewer or storm drain is accessible. This requirement shall be based upon the following conditions:

(a) Sanitary plumbing outlets must be connected to combined or sanitary sewers.

(b) Residences, multiple residences, churches, schools, hotels, motels, industrial and commercial buildings, planned developments, hospitals and all similar installations and appurtenances thereto: Storm plumbing outlets, downspouts, parking lot drainage, footing drains, and unpolluted water must be connected to any storm drain existing on the same side of the centerline of the abutting street and within sixty feet of a side property line. In the event a natural outlet is available abutting the property, it may be used for storm water disposal. In the event neither of the two above outlets are available, storm water may be disposed of in dry wells or by draining the water to the street gutter, but storm water shall not be directed over the surface of a public sidewalk or walkway.

(c) Residences, multiple residences, churches, schools, hotels, motels, industrial and commercial buildings, planned developments, hospitals and all similar installations or appurtenances thereto which are being connected to a combined sewer when there is no accessible storm drain: Downspouts, storm plumbing outlets, parking lot drainage, unpolluted water and footing drains must be carried in a side sewer pipe separate from the sanitary side sewer pipe to the property line, as designated by the city engineer, and shall be joined with the sanitary side sewer at that point and then connected to the combined sewer, provided, that the city engineer may permit or require storm drainage to discharge upon the surface of a public place or

into a natural outlet or dry wells, even though a combined sewer is accessible, when it is planned to provide a storm relief sewer in the vicinity of said combined sewer. The storm side sewer pipe shall be laid as shallow as possible with no more than four foot depth beneath the curb elevation, whenever possible. Footing drains are designated as storm water drains and shall not be connected to a sanitary sewer.

The city engineer may prescribe the manner in which connections shall be made, and require plans to be submitted for his approval prior to the issuance of a permit or the installation of any pipe. (Ord. 97016 § 3; August 27, 1968).

7.04.040 Service of connection notice—Refusal to connect. Whenever any land, buildings, or premises are required to be connected with the public sewer system as provided in Section 7.04.030, the direction, upon notice from the city engineer that a connection is accessible, shall serve upon the owner, agent, lessee, or occupant of said lands, buildings, premises or habitable structures, a notice in writing specifying the time within which such connection must be made, which time shall not be more than sixty days from the date of delivery of such notice.

If such owner, agent, lessee or occupant shall fail, neglect or refuse to connect said land, buildings, premises or habitable structures to the public sewer system within the time specified, the director shall notify the city engineer, whereupon the city engineer may make such connection and the cost plus fifteen percent thereof shall be charged to the owner, agent, lessee, or occupant and a bill showing the amount thereof mailed or delivered to him, or posted upon the premises, whereupon the amount shall immediately be paid to the city treasurer. (Ord. 97016 § 4; August 27, 1968).

7.04.050 Contractor's license—Certificate of insurance. It is unlawful for anyone to construct, reconstruct or repair any side sewer in a public place unless he is a licensed side sewer contractor holding a current license under the city license code, or is an employee of the city engineer performing assigned duties.

No side sewer contractor's license shall be issued until the applicant has appeared before the city engineer and has been examined by him, by oral and/or written examination as to the applicant's knowledge of side sewer construction work and the ordinances of the city of Seattle regarding side sewers. The city engineer shall deny the approval of any applicant whom he finds does not possess adequate experience or knowledge. Applicants for such examination by the city engineer shall pay to the city treasurer the sum of fifteen dollars before taking said examination, and the receipt number shall be noted upon the examination and filed in the city engineer's office.

Each side sewer contractor shall file with the city engineer a certificate of insurance from an insurance company licensed to do business in the state of Washington that the contractor carries public liability and proper-

ty damage insurance in the sum of at least fifty thousand dollars for any one person killed or injured in any one accident or occurrence, and one hundred thousand dollars for more than one person killed or injured in any one accident or occurrence, and at least twenty-five thousand dollars for all damage arising out of injury to or destruction of property. The policy shall contain an endorsement naming the city of Seattle as an additional insured and providing for not less than ten days notice to the city of Seattle of any change, cancellation or expiration of the policy.

A licensed side sewer contractor must secure his own permits, be responsible for all work accomplished under his permits, and connect all plumbing outlets or drainage facilities in a complete manner, as required by the city engineer. A property owner or his employee may construct, reconstruct or repair a side sewer on private property. (Ord. 97016 § 5; August 27, 1968).

7.04.060 Chapter compliance—Permit required. It is unlawful to make any connection to any public or private sewer system, drain or natural outlet without complying with all of the provisions of this chapter and other ordinances in relation thereto, and without having a permit to do so from the city engineer. A licensed side sewer contractor or a property owner or his agent shall not break, alter or tamper with any public sewer system or its appurtenances except to make a connection to an existing wye or tee under permit from the city engineer. (Ord. 97016 § 6; August 27, 1968).

7.04.070 Application for permit. Application for the permit required by this chapter shall be filed with the city engineer stating:

- (a) Name of the property owner;
- (b) Address of the property to be served;
- (c) Property owner's mailing address;
- (d) Side sewer contractor's name;
- (e) Legal description of the property to be served;
- (f) Dimensions of the buildings to be served, including insets or ellis;
- (g) Location of buildings on the property;
- (h) Purpose for which the building is to be used;
- (i) Full course of the proposed side sewer.

The city engineer may change or modify the application and designate the manner and place where the side sewer shall connect to the public sewer system, may specify the material, size and grade of the side sewer, and determine whether or not a permit shall be granted. The city engineer may require the applicant to furnish plans prepared and stamped by a professional engineer, licensed in the state of Washington. The city engineer shall keep such records as he deems necessary of all side sewer permits and inspection reports. (Ord. 97016 § 7; August 27, 1968).

7.04.080 Additional work permit—Posting. After approval of the application and issuance of the permit, it is unlawful to alter the permit or to do

any work other than that provided for in the permit. If the permittee wishes to perform additional work, the city engineer may require that he secure an additional permit. One copy of the permit, or an additional card bearing the permit number, according to directions of the city engineer, shall be posted upon the work site at a place readily and safely accessible to the city engineer, and in a conspicuous place near the work being performed under the permit. (Ord. 97016 § 8; August 27, 1968).

7.04.090 Checking permit possession. It shall be the duty of any police officer and of the director, finding any person breaking ground for the purpose of making connection with a public or private sewer system, to ascertain if such person has a permit therefor and if not to immediately report the fact to the city engineer. (Ord. 97016 § 9; August 27, 1968).

7.04.100 Temporary connection. The city engineer may, upon receiving an application containing such information as is required by him, issue a permit for a temporary connection to a combined sewer, sanitary sewer, side sewer, storm drain or natural outlet, and may include as a condition to the issuance of a permit a requirement to connect to another combined sewer, sanitary sewer, side sewer, storm drain or natural outlet at some later date. The permit may be revoked by the city engineer at any time upon sixty days' notice posted upon the premises and directed to the owner or occupant of the premises; and in event the side sewer or drains are not disconnected or reconstructed as required at the expiration of said sixty days the city engineer may disconnect the same and reconstruct it as he deems necessary, and charge the cost plus fifteen percent thereof to the owner or occupant. The cost plus fifteen percent shall be immediately payable to the city treasurer following a written notice of the amount thereof given to the owner or occupant or posted on the premises. The temporary permit shall be issued only upon the applicant recording with the county auditor an acceptable instrument agreeing to reconstruct the side sewer if required to do so, and to save the city of Seattle harmless from all damage resulting to the city by reason of the temporary connection or disconnection, and exhibiting to the city engineer the recording number of the instrument. (Ord. 97016 § 10; August 27, 1968).

7.04.110 Duration of permit. A permit issued under this chapter shall not be valid for a period of more than ninety days unless extended or renewed by the city engineer prior to the date of expiration. (Ord. 97016 § 11; August 27, 1968).

7.04.120 Fees. Fees for side sewer permits shall be as prescribed by separate ordinance. (Ord. 97016 § 12; August 27, 1968).

7.04.130 Inspection. Any person performing work pursuant to the provisions of this chapter shall notify the city engineer when the work will

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be ready for inspection, and shall specify in such notification the location of the premises by address and the file number of the permit.

On any call for inspection forty-eight hours' notice plus Saturday, Sunday and holidays may be required by the city engineer.

If the city engineer finds the work performed or materials used not in accordance with this chapter and rules and regulations and the city of Seattle "Standard Plans and Specifications" for side sewer construction, he shall notify the person doing the work and the owner or occupant of the premises by posting a notice on or near the permit card. Such posted notice shall be all the notice that is required to be given of the defects in the work or materials found in such inspection.

The inspection shall include a test to determine that the side sewer is of tight construction and does not allow infiltration or exfiltration of water. Specifications for such a test shall be included in the rules and regulations referred to in Section 7.04.350. If the city engineer finds that the work and materials used are in accord with this chapter and the side sewer tests satisfactory, he shall approve the same. Upon such approval the trench or sewer within street area shall be filled or covered in such a manner that no significant settlement shall occur for a period of one year. During that time the filled trench or sewer may be inspected by the city engineer who may order its refilling if at any time he finds that significant settlement has occurred, or that because of defective workmanship or material used, the work is otherwise unsatisfactory.

If the permittee is a licensed side sewer contractor, either the contractor or a competent representative shall be on the premises, whenever so directed to meet the inspector. A property owner shall also meet the inspector at a mutually convenient time during regular hours of business when requested. (Ord. 97016 § 13; August 27, 1968).

7.04.140 Trenches, excavations and barricades—Safety standards. No trench shall be filled nor any sewer or drain covered until the work shall have been inspected and approved by the city engineer, and his approval noted on the card posted on the job site.

All trenches or excavations within four feet of any public place and all obstructions or encroachments upon a public place shall be barricaded as required by the Street Use Ordinance (Title 19). It shall be unlawful to fail to maintain the lateral support of any public place while constructing, altering or repairing any side sewer or storm drain. All trenches or excavations shall be covered during hours of inactivity of work on the side sewer or storm drain.

Barricades posted upon arterial streets or highways must conform to the standards established by the Washington State Highway Commission, Department of Highways, and/or such addenda to such standards as the city of Seattle may establish.

All work performed under the authority of this chapter shall be ac-

completed within the minimum safety standards prescribed by the Washington State Department of Labor and Industries, Division of Safety. Evidence of failure to comply with the requirements of the Department of Labor and Industries shall be sufficient reason for the director or the city engineer to order stoppage of work until the required safety precautions are established on the job. (Ord. 97016 § 14; August 27, 1968).

7.04.150 Completion required. Work within the limits of any public area shall be prosecuted to completion with due diligence, and if any excavation is left open, whether covered or uncovered, beyond a time reasonably necessary to fill the same, the city engineer may cause the same to be backfilled and the public area restored forthwith. Cost incurred by the city engineer in such work shall be charged to the side sewer contractor in charge of the work and shall be immediately payable to the city treasurer by the contractor upon written notification of the amount thereof given to the contractor or posted at the location. (Ord. 97016 § 15; August 27, 1968).

7.04.160 Failure to complete or properly construct. If any work performed on a side sewer is not completed in accordance with the provisions of this chapter and the plans and specifications as approved by the city engineer, and if the contractor or person doing the work refuses to properly construct and complete the work, notice of such failure or refusal shall be posted on the premises where the work is being done, and the city engineer may cause the work to be completed and the sewer connected in the proper manner, and the cost of the work and any materials necessary therefor shall be charged to the owner or contractor and be payable by the owner or contractor immediately upon the city engineer giving written notice of the amount thereof or posting a notice thereof on the premises. (Ord. 97016 § 16; August 27, 1968).

7.04.170 Notice of damaged sewer, drain, ditch or natural watercourse. Where it is determined by the director or the city engineer that a side sewer, drain, ditch, or natural watercourse is obstructed, broken, inoperative or inadequate and is a menace to health, or is liable to cause damage to public or private property, the director shall give notice to the owner, agent or occupant of the property in which the condition exists. If the owner, agent or occupant refuses to reconstruct, relay, reconnect, repair or remove the obstruction of the side sewer, drain, ditch, or natural watercourse within the time specified in the notice, the director shall so notify the city engineer and the city engineer may perform such work as may be necessary to comply with this chapter. The cost of the work done by the city engineer shall be charged to the property owner or occupant and shall become immediately payable to the city treasurer upon written notice of the amount being given to the property owner or occupant or posted upon the premises. (Ord. 97016 § 17; August 27, 1968).

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7.04.180 Incidental costs and expense. Costs and expense incidental to the installation, connection and maintenance of a side sewer shall be borne by the owner or occupant of the premises served by the side sewer. (Ord. 97016 § 18; August 27, 1968).

7.04.190 Use of existing side sewer. Where a new or converted building or new installation replaces an old one, the use of an existing side sewer will be permitted when approved by the city engineer as conforming to all requirements of this chapter. (Ord. 97016 § 19; August 27, 1968).

7.04.200 Low drainage facilities—Danger of public sewer system backups. In any building, structure or premises in which the plumbing outlets or other drainage facilities are too low in elevation as determined by the city engineer to permit gravity flow to the public sewer system, waste water shall be lifted mechanically and discharged into the public sewer.

Whenever a situation exists involving danger of backups of sewage or drainage from the public sewer system, the city engineer may prescribe a minimum elevation at which the plumbing outlet or side sewer may be discharged to the public sewer system. Waste water from drains or side sewers below such minimum elevations shall be lifted mechanically to an elevation determined by the city engineer, or if approved by the city engineer, a backwater sewage valve may be installed provided the property owner shall record with the King County auditor an instrument as described in Section 7.04.250. The effective operation of the backwater sewage valve shall be the responsibility of the owner of the sewer or drain. (Ord. 97016 § 20; August 27, 1968).

7.04.210 Hard-surfaced or graded area drainage. Hard-surfaced or graded areas such as parking lots, service station yards and storage yards shall be drained in such manner as will protect adjacent public and private property from damage and the drainage shall enter the public sewer system or other outlet approved by the city engineer and as required by Section 7.04.030. Such storm drainage shall not be connected to or enter a sanitary sewer. (Ord. 97016 § 21; August 27, 1968).

7.04.220 Grade, distance from foundation, cover specifications. Side sewers shall be laid on not less than two percent, nor more than one hundred percent grade; shall be not less than thirty inches from any foundation wall of any building, and if there be no foundation wall, not less than thirty inches from the outer lines of any footings, pilings or building supports. Side sewers shall not have less than sixty inches of cover at the curb line, or in a public alley thirty inches of cover at the property line, and eighteen inches of cover on the private property. Side sewers laid generally parallel to the curb or curb line shall have not less than forty-eight inches of cover between the curb or curb line and the sidewalk or sidewalk line nor less than thirty inches of cover between the sidewalk or sidewalk line and

the property line. All cover measurements shall be based on the established grade, or on existing improvements, or shall be determined by the city engineer. (Ord. 97016 § 22; August 27, 1968).

7.04.230 Special construction plans. If a side sewer is to be constructed at more than one hundred percent grade, or with less than the required minimum cover prescribed in this chapter, the city engineer may require special plans for the construction to be submitted for his approval, and he may require the use of cast iron pipe or asbestos-cement pipe or other material before approving the plan of construction. The wall thickness of the pipe to be used, and whether or not it should be encased in concrete or concrete with reinforcing steel shall be determined by the city engineer.

Six inches shall be the minimum diameter of pipe for gravity flow side sewers in street area.

Not more than one building shall be connected to a side sewer except by permission of, and in accordance with rules and regulations of, the city engineer.

Any one single family dwelling shall be connected with not less than four-inch diameter pipe on private property; provided that where a dual connection of two single family dwellings, or a multiple dwelling or commercial building with a single family dwelling, is permitted by the city engineer, such connection shall be made with not less than six-inch diameter pipe below the point of dual connection.

Any multiple dwelling, industrial or commercial building shall be connected with not less than six-inch diameter pipe on private property; provided, with the permission of the city engineer, three or less two-inch downspouts or one motel unit may be connected with four-inch diameter pipe on private property.

Cast iron pipe shall be used for all side sewers over watermains for a distance of at least five feet from the center of the watermain. Side sewer lines must be laid at least one-half foot below and one foot away from all water service line or water department main water line, unless cast iron pipe is used for the side sewer. (Ord. 97016 § 23; August 27, 1968).

7.04.240 Written easement. Before a side sewer may be located on a building site other than the site being served by the side sewer, and before the city engineer shall issue a permit authorizing the laying of such a side sewer, the owner of the side sewer shall secure a written easement from the owner of the building site to be crossed. The easement shall be duly acknowledged, and shall grant the right to occupy the property for side sewer or utility purposes. The easement shall be recorded in the office of the King County auditor, by the owner of the side sewer, and the recording number exhibited to the city engineer.

Where a side sewer is to be connected in a public area to a side sewer which is owned by another and does not involve an easement, written per-

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mission for such connection shall be obtained from the owner of such side sewer and shall be filed with the city engineer before a permit authorizing such connection is issued. (Ord. 97016 § 24; August 27, 1968).

7.04.250 Conditional permit issuance. If, in the opinion of the city engineer, physical conditions make compliance with the provisions of this chapter impracticable, the city engineer may issue a permit for installation of a side sewer requiring compliance with the provisions insofar as is reasonably possible, and the permit shall be issued only upon the condition that the property owner shall record with the King County auditor an instrument acceptable to the city engineer agreeing to save harmless and indemnify the city of Seattle from any damage or injury resulting from such installation. The instrument shall be upon a form approved by the city engineer. This section is not intended to be used to allow storm drainage connections to a sanitary sewer. (Ord. 97016 § 25; August 27, 1968).

7.04.260 Materials and workmanship. (1) Materials and workmanship in connection with the installation of any side sewer or drain shall be as required by the "Standard Plans and Specifications" of the city of Seattle, and modifications specified by the city engineer.

(2) Fittings, increasers, traps, etc., shall be of standard manufacture.

(3) Changes in line or grade shall be made with wyes or 45° bends, or for slight changes in line or grade, by setting each pipe out of line slightly, within the deflection angle allowed by the pipe manufacturer's specifications, or by using 10°, 22½° or 30° bends supplied by pipe manufacturers.

(4) No 90° bends, or consecutive bends or tees will be allowed in pipe other than cast iron pipe.

(5) When laying around a 90° corner, a wye and 45° bend combination shall be used with the end of the wye left as a cleanout.

(6) Increasers or wyes shall be used when changing the sizes of pipe. Pipe size may also be changed at a manhole.

(7) Grafts on four-inch, six-inch or eight-inch pipe shall not be allowed.

(8) Rubber-type gasket or flexible joint pipe must be used in side sewers constructed of concrete, clay or asbestos-cement pipe; cast iron pipe must have flexible joints or caulked lead joints. Copper pipe must have soldered joints, and plastic pipe must have solvent or flexible joints.

(9) Cast iron fittings must conform to the requirements of the Plumbing Code of the city of Seattle as to quality of materials and type of fitting or structure.

(10) A bend must not be used adjacent to a tee or wye at the main sewer but may be used a length of pipe or more away from the main sewer, unless the bend is manufactured as a part of the first length of pipe.

(11) Whenever it becomes necessary to disturb pavement in connection with any work authorized under this chapter, the opening shall be not

less than three feet square; provided the city engineer may specify a size of opening and additional cuts to be made when needed to insure a proper backfill.

(12) No excavation shall be made in any public area except at the times and in the manner prescribed by the city engineer.

(13) Backfill of excavation and tunnels under concrete or asphalt roadway surfacing and the restoration of these surfaces in public areas shall be accomplished by the city engineer, and the expense thereof charged to the side sewer contractor who shall, upon receiving written notice thereof or upon notice of the amount thereof being posted at the location of the excavation, immediately pay the same to the city treasurer.

(14) Tunnels or excavations under public sidewalks or under driveways in public places may be backfilled by a side sewer contractor, provided that the material has been approved by the city engineer, and provided it is tamped in place with a mechanical tamper, in layers of not more than twelve inches loose thickness; except that within two feet of finish grade the loose thickness layers shall not exceed six inches. The density of all such compaction shall be approved by the city engineer. (Ord. 97016 § 26; August 27, 1968).

7.04.270 Restoration of public areas. Streets, sidewalks, planting strips and other public areas except as mentioned in Section 7.04.260, disturbed or altered in the course of any side sewer or drainage work, shall be restored by the licensed sewer contractor to the original surface condition as approved by the city engineer; and in event of the failure of the contractor to so restore the area the city engineer may make such restoration and charge the cost thereof to the side sewer contractor who shall, upon receiving written notice of the amount thereof or upon posting of such notice at the area make immediate payment thereof to the city treasurer. (Ord. 97016 § 27; August 27, 1968).

7.04.280 Liability for violation. Whoever violates any of the provisions of this chapter shall, in addition to any penalties provided for such violation, be liable for any expense, loss or damage occasioned thereby to the city of Seattle. (Ord. 97016 § 28; August 28, 1968).

7.04.290 Discharge of certain waste waters prohibited. Unless approved by the city engineer it is unlawful to discharge or cause to be discharged any of the following described waste waters in the public sewer system or any drain ditch or natural outlet:

(1) Liquid or vapor having temperature higher than one hundred fifty degrees Fahrenheit;

(2) Waste water which contains more than one hundred parts per million by weight of fat, oil or grease;

(3) Flammables capable of causing explosion or supporting combustion in the public sewer system, including but not limited to the following:

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gasoline, benzene, naphtha, cleaning solvent, kerosene, fuel oil, waste crankcase oil, and acetylene generation sludge;

(4) Garbage that has not been properly shredded;

(5) Ashes, cinders, sand, mud, straw, hair, shavings, metal, glass, rags, feathers, tar, plastics, sea shells, wood, paunch manure, or any other solid or viscous substance capable of causing obstruction to the flow of sewers or other interference with the proper operation of the public sewer system;

(6) Waste water having a pH lower than five and five-tenths or having the capacity to cause damages or hazards to structures, equipment or personnel of the public sewer system;

(7) Waste water containing a toxic or poisonous substance including chlorinated hydrocarbons in sufficient quantity to injure or interfere with any sewage treatment process, constitute a hazard to humans, animals, fish or fowl, or create any hazard in the receiving waters or in the sewage treatment plant;

(8) Waste water containing suspended solids of such character and quantity that unusual attention or expense is required to handle such materials at a sewage treatment plant, or a pumping station;

(9) Noxious or malodorous gas or substance capable of creating a public nuisance. (Ord. 97016 § 29; August 27, 1968).

7.04.300 Pretreatment facilities. Grease, oil, sand, liquid waste containing grease or flammable material or other harmful ingredients shall be intercepted prior to being discharged to the public sewer system by the installation and operation of pretreatment facilities which shall be of a type and capacity approved by the city engineer and shall be so located as to be readily accessible for maintenance and inspection.

When pretreatment facilities are installed for private use, they shall be maintained by the owner at his expense in continuously efficient operation at all times. The city engineer shall determine whether such equipment shall be allowed or required to be installed, and whether the effluent produced is satisfactory.

Plans, specifications and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for approval of the city engineer; and construction of the facilities shall not begin until such approval is noted on the plan. (Ord. 97016 § 30; August 27, 1968).

7.04.310 Manhole installation. In any property served by a side sewer carrying industrial wastes, the owner or occupant shall install a manhole in the side sewer to facilitate observation, sampling and measurement of the wastes, when required by the city engineer. The manhole shall be accessible, safely located and shall be constructed and installed in accordance with plans approved by the city engineer. The manhole shall be installed and maintained by the owner or occupant at his sole expense. (Ord. 97016 § 31; August 27, 1968).

7.04.320 Methods for examination of water and sewage. Measurements, tests and analyses of the characteristics of waters and waste to which reference is made in this chapter shall be determined in accordance with the standards prescribed by "Standard Methods for the Examination of Water and Sewage," filed in the city comptroller's office under File No. 260956. (Ord. 97016 § 32; August 27, 1968).

7.04.330 Planting restricted. It is unlawful to plant within thirty feet of any combined sewer, sanitary sewer, side sewer or storm drain any willow, poplar, cottonwood, soft maple, gum tree, or any other tree or shrub whose roots are likely to enter and obstruct the flow of the sewers. (Ord. 97016 § 33; August 27, 1968).

7.04.340 Right of entry. The city engineer or other city officials or employees of the city of Seattle, bearing proper credentials and identification, may with the consent of the occupant or with the consent of the owner of unoccupied premises or pursuant to a lawfully issued warrant enter upon any and all premises at all reasonable times for the purpose of inspection, observation, measurement, sampling and testing of sewers and sewage waste in accordance with the provisions of this chapter. (Ord. 97016 § 34; August 27, 1968).

7.04.350 Regulation authority. The city engineer may make rules and regulations and amend the same from time to time, not inconsistent with the provisions of this chapter, as he shall deem necessary and convenient to carry out the provisions of this chapter. (Ord. 97016 § 35; August 27, 1968).

7.04.360 Penalty for violation. Violation of or failure to comply with the provisions of this chapter, shall subject the offender to a fine of three hundred dollars or imprisonment for ninety days or both; and each day that any violation or failure to comply exists constitutes a separate offense. (Ord. 97016 § 36; August 27, 1968).

7.04.370 Notice of violation. The director of public health or the city engineer is authorized to post notice on private property at or abutting the scene of any violation of this chapter, calling for the terms of this chapter to be complied with, and the notice may require work to cease if necessary. (Ord. 97016 § 37; August 27, 1968).

7.04.380 Removal or destruction of notice prohibited. It is unlawful for anyone to remove, mutilate, destroy or conceal any notice issued or posted by the director of public health or the city engineer pursuant to the provisions of this chapter. (Ord. 97016 § 38; August 27, 1968).

7.04.390 Chapter construction. The requirements of this chapter are declared to be minimum standards and shall not be construed to prevent the enforcement of more stringent standards imposed by other ordinances, or by or under the authority of state law. (Ord. 97016 § 40; August 27, 1968).

Chapter 7.06

CONNECTIONS OUTSIDE CITY BY AGREEMENT

Sections:

- 7.06.010 Engineer may make agreements for connection to sewer system outside city.
- 7.06.020 Terms and conditions of agreements—Covenant running with land.
- 7.06.030 Computation fees.
- 7.06.040 Fee schedule.
- 7.06.050 Chapter does not preclude special agreements.

7.06.010 Engineer may make agreements for connection to sewer system outside city. Pursuant to authority granted by R.C.W. 36.67.310 the city engineer is hereby authorized to enter into agreements for and on behalf of the city with the owners of property beyond the city limits permitting connection of such property with the city's sewers upon the terms, conditions and subject to the payments hereinafter prescribed when, in the judgment of the city engineer, such connections will not overload or imperil the city's sewer system. (Ord. 85317 § 1; July 9, 1956).

7.06.020 Terms and conditions of agreements—Covenant running with land. Such agreement shall specify the property to be connected with the city sewer system; shall grant permission for connection upon payment of prescribed fees and charges therefor; shall require the property owners to construct such connection in accordance with city plans and specifications and under the supervision of the city engineer, without cost or expense to the city; shall provide that the property owner shall not allow any additional property to be served by such connection until the owner of such additional property has executed a similar agreement, except that two or more property owners may join in one connection agreement; shall require such property owner to pay the sewer connection fees hereinafter fixed and in addition any sewerage utility charges fixed by ordinance and also an amount equivalent to side sewer permit fees fixed by ordinance for like property within the city; shall agree that the city in the event the terms and conditions of said agreement are not faithfully kept and performed may disconnect the sewer serving the property from the city's system and for that purpose shall authorize the city engineer to enter upon the premises of such property owner; and shall provide that in such event the payment made for such connection shall be forfeited to the city and no credit shall be allowed therefor if such property is later reconnected to the city sewer system upon approval of a new application therefor and shall further provide that such agreement shall be filed for record in the office of the auditor of King County, Washington, and shall constitute a covenant running with the land binding upon the property owner,

his heirs and assigns, and upon any parties subsequently acquiring any right, title or interest in said property. (Ord. 85317 § 2; July 9, 1956).

7.06.030 Computation of fees. The fees for such connection shall be based in part on the number of "units of property frontage" contained in the property to be connected with the city sewers, which shall be determined as follows:

The property shall be divided into zones from the margin of the street in which the sewer is located and to which connection is to be made, similar to the manner prescribed for local improvement assessments by RCW 35.44.030 and the areas of the property in each zone determined.

The products of the number of square feet in subdivisions first, second, third, fourth and fifth, respectively, for such property and the numbers 0.015000, 0.008333, 0.006666, 0.003333 and 0.001666 respectively, shall be ascertained. The sum of all such products shall be the number of "units of property frontage" on which that portion of the fee based on lateral sewer charge shall be computed. (Ord. 85317 § 3; July 9, 1956).

7.06.040 Fee schedule. The fees for such connection shall be as follows:

Fees for direct sewer connections:

Lateral sewer\$10.00 per unit of property frontage
 Trunk sewer2c per square foot of property area
 Plus a 50% surcharge of the total fee for lateral and trunk sewers, computed in accordance with the above formula.

Fee for extended sewer connections:

Lateral sewer.....\$1.00 per unit of property frontage
 Trunk sewer.....2c per square foot of property area
 Plus a 50% surcharge of the total fee for lateral and trunk sewers, computed in accordance with the above formula.

Provided, that in case where application of the foregoing formula to a particular property results in a fee which because of unusual conditions is in excess of the fees charged to similar properties, the City Engineer is authorized to reduce the connection fee to the amount charged to properties similarly situated. (Ord. 85317 § 4 as amended by Ord. 93837; April 28, 1965).

7.06.050 Chapter does not preclude special agreements. The terms of this chapter shall not preclude special agreements and fees authorized by separate ordinance. (Ord. 85317 § 5; July 9, 1956).

Chapter 7.08

SEWAGE DISPOSAL SYSTEMS

Sections:

- 7.08.010 Definitions.
- 7.08.020 Enforcement.

- 7.08.030 Chapter not retroactive.
- 7.08.040 Designer's certificate.
- 7.08.050 Installer's certificate.
- 7.08.060 Permits.
- 7.08.070 Where required.
- 7.08.080 Location.
- 7.08.090 Design.
- 7.08.100 Installation and alteration.
- 7.08.110 Inspection.
- 7.08.120 Approval or disapproval.
- 7.08.130 Maintenance.
- 7.08.140 Penalty for violations.
- 7.08.150 Severability.

7.08.010 Definitions. Certain words and phrases used in this chapter, unless otherwise clearly indicated by their context, shall mean as follows:

APPROVED: Approved in writing by the Director of Public Health.

SANITARY DRAINAGE SYSTEM: The piping which conveys sewage from plumbing fixtures to a public sewer or private sewage disposal system.

SEWAGE: Any liquid or liquid-borne waste from the ordinary living processes, or liquid or liquid-borne waste which contains animal or vegetable matter in suspension or solution, or liquid or liquid-borne waste which may contain chemicals in solution, and which may be lawfully discharged into a public sanitary sewer.

SEWAGE DISPOSAL SYSTEM: Sanitary drainage systems, septic tanks, leaching pits, surface and subsurface leaching filter beds, and appurtenances, or other approved facilities for the disposal of sewage by means other than through a public sewer. (Ord. 90181 § 7.08.010; April 18, 1961).

7.08.020 Enforcement. The Director of Public Health shall enforce this chapter; he may adopt rules and regulations consistent with this chapter, and he may enter any building or premises at any reasonable time to perform any of the duties imposed on him by this chapter. (Ord. 90181 § 7.08.020; April 18, 1961).

7.08.030 Chapter not retroactive. This chapter shall not apply to any work on a sewage disposal system for which a permit had been issued by the Director of Public Health, and which permit was valid and existing at the time of adoption of this chapter, but any such work shall be subject to applicable ordinances existing at the time such permit was issued. (Ord. 90181 § 7.08.030; April 18, 1961).

7.08.040 Designer's certificate. A. **REQUIRED.** It is unlawful to engage in business as a sewage disposal system designer with a sewage dis-

posal system designer's certificate of competency, as provided for in this chapter, or a State of Washington civil or sanitary engineer's license.

B. **FEE.** The fee for a sewage disposal system designer's certificate of competency shall be three dollars per year.

C. **APPLICATION.** Application for a sewage disposal system designer's certificate of competency shall be made to the Director of Public Health, who may examine the applicant, and may deny the application if in his judgment the applicant is not qualified to design sewage disposal systems.

D. **REVOCATION.** The Director of Public Health may suspend or revoke any sewage disposal system designer's certificate of competency if, after hearing, he shall find incompetence, negligence, misrepresentation, or failure to comply with this chapter or the rules and regulations of the Director of Public Health adopted pursuant to this chapter.

E. **EXPIRATION.** Sewage disposal system designers' certificates of competency shall expire December thirty-first of each year. (Ord. 90181 § 7.08.030; April 18, 1961).

7.08.050 Installer's certificate. A. **REQUIRED.** It is unlawful to engage in business as a "sewage disposal system installer" without a sewage disposal system installer's certificate of competency.

B. **FEE.** The fee for a sewage disposal system installer's certificate of competency shall be ten dollars per year.

C. **APPLICATION.** Application for a sewage disposal system installer's certificate of competency shall be made to the Director of Public Health, who may examine the applicant, and may deny the application if in his judgment the applicant is not qualified to install sewage disposal systems.

D. **REVOCATION.** The Director of Public Health may suspend or revoke any sewage disposal system installer's certificate of competency if, after hearing, he shall find incompetence, negligence, misrepresentation, or failure to comply with this chapter or the rules and regulations of the Director of Public Health adopted pursuant to this chapter.

E. **EXPIRATION.** Sewage disposal system installers' certificates of competency shall expire December thirty-first of each year. (Ord. 90181 § 7.08.050; April 18, 1961).

7.08.060 Permits. A. **REQUIRED.** It is unlawful to construct, install or alter a sewage disposal system without a sewage disposal system permit. Such permit shall be posted on the building or premises where the work permitted is being done, and, unless revoked, shall not be removed until such work has been finally approved by the Director of Public Health.

B. **FEE.** The fee for a sewage disposal system permit shall be six

dollars for such system serving a single family residence, or twelve dollars for any other such system.

C. **APPLICATION.** Application for a sewage disposal system permit shall be made to the Director of Public Health, who may deny the application if in his judgment the physical features of property on which it is proposed to locate the sewage disposal system, or the design of the proposed sewage disposal system, are not adequate for safe operation of such system.

D. **INFORMATION REQUIRED.** Application for a sewage disposal system permit shall be supported by the following:

1. A completely dimensioned plot plan, drawn to scale, showing direction of surface drainage, approximate slope, and other topographical features relevant to the design and installation of an adequate and efficient sewage disposal system.
2. Construction plans and specifications.
3. A log of soil formation and ground water level, as determined by test holes in the proposed disposal field.
4. A statement of absorption characteristics of the soil as determined by percolation tests made in the proposed disposal field.
5. Such other information as the Director of Public Health may require.

E. **EXPIRATION.** Sewage disposal system permits shall expire one year from date of issue. (Ord. 90181 § 7.08.060; April 18, 1961).

7.08.070 Where required. Every plumbing fixture and every sanitary drainage system not connected to a public sewer, or not required by law to be connected to a public sewer, shall be connected to a private sewage disposal system. (Ord. 90181 § 7.08.070; April 18, 1961).

7.08.080 Location. Sewage disposal systems shall be located on the same lot as the buildings they are designed to serve, or, if an easement therefor is obtained and recorded, on adjoining property if approved by the Director of Public Health. (Ord. 90181 § 7.08.080; April 18, 1961).

7.08.090 Design. A. **WHO AUTHORIZED.** Sewage disposal systems shall be designed by a sewage disposal system designer, certificated as provided in this chapter, or a sanitary or civil engineer licensed by the State of Washington, except that a resident, or intended resident, owner may personally design a system for his own single family residence.

B. **STANDARDS.** Design of sewage disposal systems shall be such as to accommodate all sewage from the buildings and premises to be served, and in accordance with this chapter and the rules and regulations of the Director of Public Health adopted pursuant to this chapter. The type of system shall be determined by location, soil porosity, ground

water level and other relevant conditions. (Ord. 90181 § 7.08.090; April 18, 1961).

7.08.100 Installation and alteration. A. WHO AUTHORIZED. Sewage disposal systems shall be constructed, installed or altered by a sewage disposal system installer, certificated as provided in this chapter, except that a resident, or intended resident, owner may personally construct, install or alter a system for his own single family residence.

B. STANDARDS. Construction, installation or alteration of sewage disposal systems shall be such as to accommodate all sewage from the buildings and premises to be served, and in accordance with this chapter and the rules and regulations of the director of public health adopted pursuant to this chapter. No downspout or footing drain shall be directly or indirectly connected to sewage disposal system, and sewage disposal systems shall be so constructed and installed that surface water or ground water will not interfere with the operation of such systems. (Ord. 90181 § 7.08.100; April 18, 1961).

7.08.110 Inspection. A. AUTHORITY. Any work done on a sewage disposal system, and any material used, may be inspected by the director of public health at any reasonable time, and if he shall find that any work done, or material used, is not in accordance with this chapter or with the rules and regulations of the director of public health adopted pursuant to this chapter, he may revoke the permit for the work, or he may notify the owner or installer to make such changes in the work as he shall specify, and if such changes are not made within a reasonable time, the director of public health shall then revoke the permit and it shall be unlawful to use such sewage disposal system.

B. NOTICE. When the work of constructing, installing or altering a sewage disposal system has been otherwise completed, it shall be left open and uncovered, and the owner shall be notified and he shall cause an inspection of such work and such system to be made by a designer.

C. CORRECTIONS. If upon inspection by him following work on a sewage disposal system, a designer shall find that such work or system is not in accordance with this chapter and the rules and regulations of the director of public health adopted pursuant to this chapter, he shall so notify the owner who shall cause such changes in the work as are specified by the designer, and shall then again notify a designer that such work is ready for inspection.

D. CERTIFICATION. When upon inspection by him following work on a sewage disposal system, a designer shall find that such work and system are in accordance with this chapter and the rules and regulations of the director of public health adopted pursuant to this chapter, he shall so certify to the director of public health, and shall submit to the

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director of public health with such certification a detailed "as-built" drawing of such system. (Ord. 90181 § 7.08.110; April 18, 1961).

7.08.120 Approval or disapproval. A. **DUTIES.** Within a reasonable time after receipt of certification by a designer that work done on a private sewage disposal system, and such system, are in accordance with this chapter and the rules and regulations of the director of public health adopted pursuant to this chapter, the director of public health shall approve or disapprove thereof.

B. **NOTICE OF DISAPPROVAL.** If the director of public health shall disapprove such work or system, he shall so notify the owner, stating his reasons for such disapproval, and it shall then be unlawful to use such system.

C. **FINAL APPROVAL.** If the director of public health shall finally approve such work and such system, he shall so notify the owner, and then such work shall be covered, and such system may be used. (Ord. 90181 § 7.08.120; April 18, 1961).

7.08.130 Maintenance. Sewage disposal systems shall be maintained in accordance with this chapter and the rules and regulations of the director of public health adopted pursuant to this chapter, and no sewage disposal system shall be used which directly or indirectly discharges upon the surface of the ground or into any waters within or adjacent to the city unless the contents of such system have been subjected to approved purification and bactericidal treatment. (Ord. 90181 § 7.08.130; April 18, 1961).

7.08.140 Penalty for violations. Anyone violating or failing to comply with this chapter, or any lawful rule of the director of public health pursuant thereto, upon conviction thereof, shall be punished by a fine of not more than three hundred dollars or by imprisonment for not more than ninety days, or by both such fine and imprisonment, and each day that anyone shall continue to violate or fail to comply with this chapter shall be a separate offense. (Ord. 90181 § 7.08.140; April 18, 1961).

7.08.150 Severability. Should any part of this chapter be declared unconstitutional or invalid for any reason, such declaration shall not affect the validity of the remainder. (Ord. 90181 § 7.08.150; April 18, 1961).

Chapter 7.16
SEPTIC TANK CLEANING

Sections:

- 7.16.010 Permit to dispose of cleanings.
- 7.16.020 Rules and regulations.
- 7.16.030 Penalty for violations.

7.16.010 Permit to dispose of cleanings. It is unlawful for anyone to deposit or dispose of the cleanings of septic tanks, cesspools, grease traps and seepage pits within the city without a proper permit issued by the city engineer authorizing the disposal of such cleanings at points to be specified by said city engineer. The fee for such permit, which shall be issued only to the holder of a proper registration and inspection certificate to carry on or engage in the business of cleaning septic tanks, cesspools, grease traps and seepage pits issued by the Seattle King County Health Department pursuant to law for carrying on such business, shall be thirty dollars per month, payable in advance on the first day of each and every month to defray the cost of supervision of such waste disposal and in addition, such permit holder shall deposit with the city treasurer in the guaranty deposit fund the sum of one hundred fifty dollars to guarantee compliance with the terms of Section 7.16.020. (Ord. 84055 § 1; April 25, 1955).

7.16.020 Rules and regulations. The city engineer is authorized to promulgate rules and regulations governing the issuance of such permits, the dumping of such cleanings under the terms of this chapter, fixing the locations and times at which dumping of such cleanings shall be made. (Ord. 84055 § 2; April 25, 1955).

7.16.030 Penalty for violations. Any violation of or failure to comply with any of the provisions of this chapter or of the rules and regulations referred to in Section 7.16.020 hereof shall subject the offender on conviction thereof to a fine in any sum not exceeding three hundred dollars or to imprisonment in the city jail for a term not exceeding ninety days or by both such fine and imprisonment and each day on which violation or failure to comply occurs shall constitute a separate offense. (Ord. 84055 § 3; April 25, 1955).

Chapter 7.20
PERMIT FEES

Sections:

- 7.20.010 Permit and fee required.
- 7.20.020 Fee schedule.
- 7.20.024 Special connection charge.
- 7.20.025 Computing special connection charge.
- 7.20.026 Ratification of prior special connection charges.
- 7.20.027 Crediting special connection charge against local improvement assessment.
- 7.20.030 Computing fee based on area.
- 7.20.040 Payment of fee—Records.
- 7.20.050 Refund of fee.
- 7.20.060 Severability.
- 7.20.070 Penalty for violations.

7.20.010 Permit and fee required. It is unlawful to connect any property or premises with a public sewer, as defined by the ordinances of the city of Seattle, pertaining to sewers and drains, or to make repairs, alterations or additions to any side sewer or drain connecting thereto, without first applying for and securing a permit therefor from the city engineer and without paying the fee hereinafter prescribed therefor. This requirement shall apply to all property, including that of the United States of America, the state of Washington, and any political subdivisions thereof. (Ord. 82583 § 1; December 14, 1953).

7.20.020 Fee schedule. The permit application for a sewer or drain connection, repair, alteration or addition shall be made by the owner of such property or premises or by a duly licensed side sewer contractor representing the owner, and the city engineer shall determine whether the permit application conforms to the requirements of this and other ordinances of the city regulating side sewers and compute the amount of the fee in accordance with the following schedule:

(A) Single family dwelling houses.\$35.00

(B) Multiple family dwelling structures, including duplex houses, bungalow courts, apartment buildings, trailer and auto courts, motels, and similar structures or additions thereto:

\$35.00 for the first dwelling unit and \$10.00 each for each additional dwelling unit.

(C) All other structures, including hotels, apartment hotels, office buildings, stores, churches, schools, universities, boarding or rooming houses, hospitals, and buildings accessory thereto, and industrial or commercial structures of every kind and additions thereto:

One cent per square foot of ground area occupied by such structure

and its foundations for the first 100,000 square feet—exclusive of areas devoted to single family dwelling houses or multiple dwelling structures—and one-half cent per square foot for the remainder in excess thereof, and in addition, \$10.00 for each single family or multiple dwelling unit combined therewith, with a minimum fee of \$35.00 and a maximum fee of \$1,500.00.

(D) Alterations or repairs to an existing side sewer installed and accepted under a previous permit, other than normal cleanout or root cutting for which no permit is required:

- (1) Any repair except to cap side sewer\$25.00
- (2) To cap side sewer\$20.00

(E) Additional direct connections to a public sewer:

One-half the rate for an initial connection, but not less than \$35.00.

(F) Reconnection to a public sewer of structures moved from another location shall be the same as for an initial connection, but not be less than \$35.00.

(G) Installation of catch basins or similar interceptors (each) : \$20.00.

In all cases of dispute regarding fees, permits or other matters relating to this chapter, the decision of the city engineer shall be final and conclusive.

(H) When side sewer or drainage work, as regulated by Ordinance 97016, is started without the required permit, the fee shall be double the fee fixed by this ordinance, except that the double fee charge shall not apply in cases where in the discretion of the city engineer an emergency has arisen at a time other than business hours and a permit is secured before noon of the first business day following the emergency. (Ord. 82583 § 2 as amended by Ord. 91436 and Ord. 101532 § 1; October 26, 1972).

7.20.024 Special connection charge. In addition to sewer connection permit fees required by ordinance, there is imposed upon, and the owners of properties which have not been assessed or charged or borne an equitable share of the cost of the city's sewerage system shall pay prior to connection to a city sewer, a special connection charge in an amount to be computed under Section 7.20.025.

The special connection charge shall be paid in cash or under installment contract with interest at six percent per year computed annually on unpaid balances. Such contract shall provide for a down payment of five percent of the total connection charge, payable upon execution of such contract and for payment of the balance in four quarterly installments payable on each January 1st, April 1st, July 1st and October 1st. Such installment contract shall provide that any unpaid balance may be paid in full in any year at the time the first quarterly payment of such year is due and payable, shall describe the property served by the sewer, shall be acknowledged by the property owner and shall be recorded by the city engineer in the office of the county auditor at the expense of the property

7.20.025 SEWAGE DISPOSAL

owner. Delinquent payments under such installment contract shall be a lien upon the described property as provided in RCW 35.67.200, enforceable in accordance with RCW 35.67.220 through 35.67.280; and as an additional and concurrent method of enforcing the lien, the water service to such property may be cut off in accordance with RCW 35.67.290 until the delinquent installments are paid. Upon full payment of the contract, the city engineer on behalf of the city of Seattle shall execute and deliver to the property owner a release of such lien. (Ord. 82583 § 2A added by Ord. 89902 and amended by Ord. 90233, Ord. 94213, and Ord. 99444 § 1; November 19, 1970).

7.20.025 Computing special connection charge. The special connection charge imposed by Section 7.20.024 shall be paid into the sewer fund and shall be computed as follows:

For Lateral Sewers: The number of units of property frontage to be served by the sewer, determined in the manner prescribed in RCW 35.44.030 and 35.44.040 for determining "Assessable units of frontage" or by such other method or combination of methods of computing assessments which may be deemed to more fairly reflect the special benefits to the property being assessed as authorized by RCW 35.44.047, shall be multiplied by the average local improvement assessment per unit of frontage for lateral sewers in Seattle for the year in which the sewer to which the property is to be connected was constructed and accepted as completed, as set forth in Exhibit "A" following and by this reference made part of this chapter.

For Trunk Sewers: The number of square feet of property area to be served by the sewer shall be multiplied by the average local improvement assessment per square foot for trunk sewers in Seattle for the year in which the trunk sewer to which the lateral sewers serving the property are connected was constructed and accepted as set forth in Exhibit "A" following and by this reference made a part of this chapter.

The city engineer is authorized to annually compute and establish the average local improvement assessment paid by property owners for lateral and trunk sewers completed and accepted by the city during the previous calendar year, not in excess of twenty-four dollars per assessable unit for lateral sewers or two cents per square foot for trunk sewers, which average assessment shall be used by him in computing the special connection charge imposed in Section 7.20.024 as to sewer improvements completed in 1965 and thereafter. A copy of such computation shall be delivered to the city clerk not later than February 1st of each year to be filed by him in C.F. 253991.

Such special connection charge for property abutting on a street in which a sewer can be constructed or extended to serve such property, shall be computed as if the sewer were so constructed or extended; and the special connection charge for property located back from the margin of the street in which the sewer exists and outside of the assessment district created therefor shall be made giving consideration to the distance of said property from the street margin. In no case shall credit be allowed for the cost of extra length of side sewer required for connection to the city's sewerage system; provided, that in cases where application of the foregoing formula to a particular property results in a charge which because of unusual conditions is in excess of charges to similar properties, the city engineer is authorized to reduce the special connection charge to the amount charged to properties similarly situated. (Ord. 82583 § 2B added by Ord. 89902 and amended by Ord. 93836, Ord. 94213, Ord. 94880 and Ord. 99444 § 2; November 19, 1970).

EXHIBIT "A"

Year	Lateral Sewer Rate per Assessable Unit	Trunk Sewer Rate per square foot
1969	12.00	.0200
1968	10.76	.0200
1967	12.00	.0200
1966	10.99	.0200
1965	10.16	.0200
1964	8.44	.0200
1963	9.42	.0200
1962	7.50	.0200
1961	8.26	.0217
1960	6.92	.0158
1959	4.71	.0100
1958	6.20	.0133
1957	5.67	.0167
1956	5.44	.0201
1955	4.29	.0200

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1954	4.10	.0200
1953	5.15	.0200
1952	5.53	.0167
1951	3.92	.0133
1950	4.05	.0100
1949	3.62	.0093
1948	3.42	.0085
1947	2.89	.0078
1946	2.65	.0070
1945	2.57	.0062
1944	2.26	.0055
1943	2.35	.0047
1942	3.30	.0039
1941	1.67	.0031
1940	1.60	.0035
1939	1.61	.0040
1938	2.17	.0044
1937	1.49	.0048
1936	1.52	.0053
1935	1.50	.0061
1934	3.59	.0071
1933	1.87	.0081
1932	1.79	.0074
1931	2.04	.0068
1930	2.25	.0080
1929	2.05	.0043
1928	2.28	.0076
1927	2.57	.0076
1926	2.55	.0076
1925	2.44	.0080
1924	2.72	.0066
1923	2.45	.0048
1922	2.25	.0066
1921	2.79	.0068
1920	2.30	.0070
1919-1900	2.30	.0070

7.20.026 Ratification of prior special connection charges. Special connection charges collected or imposed and installment contracts for the payment thereof entered into by the city engineer pursuant to Sections 7.20.024 and 7.20.025 prior to October 29, 1965 in amounts not exceeding the amounts herein provided are hereby ratified and confirmed. (Ord. 83583 § 2C added by Ord. 89902, and amended by Ord. 94213 § 3; June 15, 1966).

7.20.027 Crediting special connection charge against local improvement assessment. If property for which a special connection charge has been

paid is subsequently included in a local improvement district for the construction of a sewer of similar nature, the amount so paid shall be credited to the assessment against such property and such amount shall be paid from the sewer fund to such local improvement district fund. (Ord. 82583 § 2D added by Ord. 90233; May 8, 1961).

7.20.030 Computing fee based on area. Whenever the fee is based on the area of a structure, that area shall be computed by the superintendent of buildings or his authorized representative, and certified in writing on the application for the side sewer permit, or if no plan for the building or structure has been filed with the superintendent of buildings, the city engineer shall compute the area. (Ord. 82583 § 3 as amended by Ord. 91436; September 4, 1962).

7.20.040 Payment of fee—Records. The fee shall be paid to the city treasurer before the permit is issued and the amount of the fee paid shall be shown on the permit and on the record of the side sewer connection maintained in the office of the city engineer. (Ord. 82583 § 4 as amended by Ord. 91436; September 4, 1962).

7.20.050 Refund of fee. Whenever a sewer permit has been issued and a fee paid therefor and either no rights are exercised pursuant thereto and such permit is surrendered or the fee charged is erroneous for any reason and application is made for refund, the city engineer shall certify the facts justifying such refund, the amount thereof, and his approval of such refund, and upon presentation of such certificate to the city comptroller such officer is authorized to draw and the city treasurer to pay a warrant on the general fund in the amount of such refund and the necessary appropriations are hereby made from any surplus in said fund. (Ord. 84704 § 1; December 14, 1955).

7.20.060 Severability. If any portion of this chapter is declared invalid, this shall not affect the validity of the remaining portions. (Ord. 82583 § 5; December 14, 1953).

7.20.070 Penalty for violations. Any violation of or failure to comply with the provisions of this chapter shall be punishable by a fine not exceeding three hundred dollars or by imprisonment for a period not exceeding ninety days, or both. (Ord. 82583 § 7; December 14, 1953).

Chapter 7.24 RATES AND CHARGES

Sections:

- 7.24.010 Operation as public utility.
- 7.24.020 City engineer to operate and administer utility—Accounts.
- 7.24.030 Rates and charges to be collected.
- 7.24.040 Rates and charges—Schedule.
- 7.24.041 Measurement and computation of charges.

7.24.010—7.24.040 SEWAGE DISPOSAL

- 7.24.042 Adjustment of charges in special circumstances.
- 7.24.043 Review and adjustment of charges based on average use—
Service outside city.
- 7.24.045 Charge for certain described area.
- 7.24.046 Newhalem community—Sewerage rates.
- 7.24.050 Industrial wastes.
- 7.24.060 When and where payable.
- 7.24.070 Billing, delinquency and collection.
- 7.24.080 Contracts with other sewer districts and municipalities.
- 7.24.090 "Sewer fund" created.
- 7.24.100 Review of rates and charges.
- 7.24.110 Refunds.
- 7.24.120 Severability.

7.24.010 Operation as public utility. It is necessary for the public health, safety and welfare that the existing sewerage system of the city of Seattle, together with such extensions, additions and betterments thereto as may from time to time be authorized, maintained, conducted and operated as a public utility of said city beginning October 1, 1955. (Ord. 84390 § 1; September 1, 1955).

7.24.020 City engineer to operate and administer utility—Accounts. The city engineer, through the department of engineering, shall operate and administer such public utility and enforce this chapter; and there shall be kept a classified system of accounts of revenues and disbursements as prescribed by the State Auditor, Division of Municipal Corporations, in conjunction with the city comptroller, as required by law. (Ord. 84390 § 2; September 1, 1955).

7.24.030 Rates and charges to be collected. The public health, safety and welfare require that the city of Seattle fix and collect sewerage rates and charges measured by water consumption and meter size and impose the same upon premises in the city of Seattle for the carrying and discharge of all sewage and drainage into the municipal sewerage system of the city of Seattle as presently maintained and operated, together with additions and betterments thereto and extensions thereof, and for the payment of charges of municipality of metropolitan Seattle (herein called "metro") and of southwest suburban sewer district (herein called "southwest suburban") for sewage interception, treatment and disposal, which city sewerage utility rates and charges are fixed in the following section; provided that the local improvement district method of providing for the construction of sewers and trunk sewers to serve abutting property shall be continued in the manner provided by law. (Ord. 84390 § 3 as amended by Ord. 91208, and Ord. 99454 § 1; November 19, 1970).

7.24.040 Rates and charges—Schedule. There is imposed upon all premises within the corporate limits of the city of Seattle on which water

is consumed a combined city sewerage charge and surcharge to enable the city to perform its contractual obligations with the municipality of metropolitan Seattle and southwest suburban sewer district, in accordance with the following schedules:

All premises except those whose sewage is delivered to the southwest suburban sewer district:

Meter Size	Capacity and Customer Charge	Basic Treatment and Disposal Charge	Total Monthly Minimum Charge*
½ and ¾-inch	\$ 1.50	\$ 2.75	\$ 4.25
1-inch	2.00	2.75	4.75
1-½-inch	2.75	2.75	5.50
2-inch	3.75	2.75	6.50
3-inch	7.25	2.75	10.00
4-inch	12.25	2.75	15.00
6-inch	19.75	2.75	22.50
8-inch	34.75	2.75	37.50
10 and 12-inch	52.25	2.75	55.00

* For up to 900 cubic feet of volume.

In addition to the minimum charge, a treatment and disposal charge of thirty-one cents per hundred cubic feet will be made for all volume in excess of nine hundred cubic feet per month.

All premises whose sewage is delivered to the southwest suburban sewer district:

Meter Size	Capacity and Customer Charge	Basic Treatment and Disposal Charge	Total Monthly Minimum Charge*
½ and ¾-inch	\$ 1.50	\$ 1.00	\$ 2.50
1-inch	2.00	1.00	3.00
1-½-inch	2.75	1.00	3.75
2-inch	3.75	1.00	4.75
3-inch	7.25	1.00	8.25
4-inch	12.25	1.00	13.25
6-inch	19.75	1.00	20.75
8-inch	34.75	1.00	35.75
10-inch	52.25	1.00	53.25

* For up to 900 cubic feet of volume.

In addition to the minimum charge, a treatment and disposal charge of twelve cents per one hundred cubic feet will be made for all volume in excess of nine hundred cubic feet per month.

Sewerage charges may be computed and billed to the nearest five cents. (Ord. 84390 § 4 as amended by Ord. 91208, Ord. 92113, Ord. 99454, and Ord. 99788 § 1; March 31, 1971).

7.24.041 Measurement and computation of charges. Sewerage rates and charges shall be measured by meter size and the water consumed on the premises, whatever the source of such water, and the same shall be metered either by a public utility meter or one installed and maintained by the owner of the premises at his own expense and approved by the city engineer. Where two or more single-family and/or duplex residences, including houseboats, are served by the same water meter, each such residence shall be charged at the rate for a three-quarter-inch meter, and the water consumed by each residence shall be determined by dividing the total water consumed by the number of residences. Where single family and/or duplex residences are served through the same meter as premises other than a single family or duplex residence, the charge for each such residence shall be the minimum charge for a three-quarter-inch meter, and the charge for the premises other than a single family or duplex residence shall be based on the actual meter size and water consumed less nine hundred cubic feet for each such residence served through the same meter. Motel units, including any business office, which are served by one water meter shall constitute only one premises. Water meter readings shall not be combined, and where two or more main water meters serve the same premises, sewerage charges shall be computed and billed as though each such meter served separate premises; provided, that in the event a sewage meter is installed on any premises, the charge shall be based on the sewage meter size and the consumption registered by such sewage meter. (Ord. 84390 § 4.1 added by Ord. 91208 and amended by Ord. 92113 and Ord. 99454 § 3; November 19, 1970).

7.24.042 Adjustment of charges in special circumstances. (a) Where the use of water is such that a portion of all water used is lost by evaporation, irrigation, sprinkling or other cause, or is used in manufactured goods and commodities, and the person in control provides proof thereof and installs a meter or measuring device approved by the city engineer to enable measurement of the amount of water so used or lost, no charge shall be made for sewerage because of water so used or lost, except that in no case will the minimum charge be adjusted or reduced. Direct discharge of sewage or industrial wastes to salt or fresh water or to points other than the city sewer system shall not be cause for adjustment or reduction of the sewerage charge.

7.24.043 SEWAGE DISPOSAL

(b) Water metered exclusively for fire service, sprinkling, irrigation or delivery of water to ships shall not be subject to any sewerage charge.

(c) Upon receipt of satisfactory evidence of hidden or underground water leakage, the city engineer shall adjust the sewerage charge to the premises for water so lost and he shall not use the period during which such leakage occurs in computing the winter or minimum average water consumption when to do so would result in a higher sewerage charge to such premises; provided that no such adjustment shall be made for leakage occurring more than four months prior to the date of application therefor.

(d) The city engineer may upon written application therefor suspend sewerage charges for up to six months after installation of water service for new construction, or up to six months after commencement of construction or extensive reconstruction where water service has previously been installed, when the premises are incapable of being occupied due to such construction or reconstruction. (Ord. 84390 § 4.2, added by Ord. 92113 and amended by Ord. 99454 § 4; November 19, 1970).

7.24.043 Review and adjustment of charges based on average use—Service outside city. (a) The city engineer shall annually review water consumption by single family and duplex residences and sewerage charges shall be based upon the average amount of water consumed monthly during the minimum consecutive six month use period of the year prior to July 1st and revised annually as of that date. New single family and duplex residences and single family and duplex residences not served by a publicly-owned water supply system which have no previous record of water consumption shall be charged the minimum charge for the meter size for the first year and until reviewed and revised.

(b) It is the intent of this chapter that that portion of water used exclusively for irrigation or sprinkling by premises other than single family or duplex residences be not charged correspondingly for sewerage. Upon application prior to May 1st of any year by premises other than single family or duplex residences where it can be shown to the satisfaction of the city engineer that higher charges for sewerage during the summer months will be due to water used for sprinkling or irrigation, the sewerage charge for succeeding summer periods, June through September, inclusive, shall be adjusted to the winter average charges during a six month recording period between October 1st and May 31st.

Any public or private school, college or university may submit evidence to the city engineer that because of higher winter student enrollment the provisions of this subsection will not eliminate water used for irrigation and sprinkling from the sewerage rate base, and he is authorized in such cases to reduce sewerage charges in accordance with such evidence.

(c) Public and private schools which are unoccupied during major portions of the months of June, July and August may upon written appli-

cation to the city engineer prior to May 1st of each year, be exempted from sewerage charges for such months.

(d) Where sewerage is provided to premises outside the city limits, the sewerage charge shall be computed on the same basis as premises located inside the city, except that a sum equal to thirty percent of the sewerage charge shall be added, with the exception of sewer districts, or portions thereof, outside the city limits which are now or may hereafter be covered by special agreements. (Ord. 84390 § 4.3 added by Ord. 92113 and amended by Ord. 92909 and Ord. 99454 § 5; November 19, 1970).

7.24.045 Charge for certain described area. The combined city sewerage charge and surcharge for premises located within the following described area of the city:

Beginning at a point in the centerline of Southwest Roxbury Street midway between 8th Avenue Southwest and 9th Avenue Southwest; thence northerly on said midway line to the centerline of Southwest Cambridge Street; thence easterly along the centerline of Southwest Cambridge Street to a point midway between 4th Avenue Southwest and 5th Avenue Southwest; thence southerly along last described midway line to the centerline of Southwest Roxbury Street; thence westerly to the point of beginning; ALSO the premises adjoining the north side of Southwest Roxbury Street between 2nd Avenue Southwest and Olson Place Southwest.

shall be imposed in accordance with the schedule for "All premises except those whose sewage is delivered to the southwest suburban sewer district" set forth in Section 7.24.040, notwithstanding a temporary connection of such premises to the southwest suburban sewer district; all as recommended by the city engineer in C.F. 272871. (Ord. 84390 § 4A added by Ord. 101660 § 1; December 7, 1972).

7.24.046 Newhalem community — Sewerage rates. The schedule of rates to all sewerage consumers other than lighting department facilities and employees within the Newhalem community shall be as follows:

Water Meter Size	Monthly *Minimum Charge
1/2" & 3/4"	\$12.00
1"	13.00
1-1/2"	16.00
2"	19.00
3"	28.00
4"	42.00
6"	64.00

* For up to 900 cu. ft. of water consumption.

7.24.050—7.24.070 SEWAGE DISPOSAL

For all consumption in excess of 900 cu. ft. per month; at \$0.90 per 100 cu. ft.

The rate for single-family and duplex residences is based upon the average water use during minimum consecutive six-month period of immediate past year's consumption. Water consumption will be reviewed annually to establish charges for the following year. (Ord. 101870 § 3; February 16, 1973).

7.24.050 Industrial wastes. In cases where the character of sewage or industrial wastes from any manufacturing or industrial plant, building or premises is such that it will damage the sewerage system, or cannot be treated satisfactorily, the city engineer shall require such users to dispose of such waste and prevent it from entering the system.

In cases where the character of the sewage or industrial waste from any manufacturing or industrial plant, building or premises is such that it imposes an unreasonable burden upon said sewerage system greater than that imposed by the average sewage entering the system, the city engineer may require such manufacturing or industrial plant, building or premises, to pretreat such sewage by means satisfactory to the city engineer before discharging such sewage into the sewerage system of the city of Seattle.

If such pretreatment is not accomplished, the city engineer shall recommend to the council the levying of a surcharge which shall be in addition to the regular charge. The council thereupon, by ordinance, may fix the amount of the surcharge. (Ord. 84390 § 5 as amended by Ord. 91208 and Ord. 92113; June 4, 1963).

7.24.060 When and where payable. The sewerage charge provided in this chapter shall be payable at the office of the city treasurer at the same time as the water bill for the premises is payable; and payment for water shall not be accepted unless payment of the sewerage charge is made at the same time. (Ord. 84390 § 6; September 1, 1955).

7.24.070 Billing, delinquency and collection. Beginning July 1, 1963, the above rates and charges shall be effective and shall be computed and billed from time to time by the city engineer through an interdepartmental arrangement with the superintendent of water, as a separate charge on the water bill, and shall become due and payable to the city treasurer as stated in such billing; and any sewer rate or charge which becomes delinquent shall immediately become a lien upon the premises and if unpaid for sixty days after delinquency, shall bear interest at the rate of eight percent per year and such lien may be foreclosed by the city as provided by state law. As an addition and concurrent method of the collection of any such sewerage rate or charge, the superintendent of water shall upon written request from the city engineer cut off the water service or supply from the premises

to which such rate or charge for sewerage has attached until such rates and charges are paid. (Ord. 84390 § 7; September 1, 1955).

7.24.080 Contracts with other sewer districts and municipalities. Whenever and to the extent that the municipal sewerage system of the city is adequate therefor, the city may contract with any sewer district, or with any other municipal corporation, for the discharge into the sewerage system of said city of the sewerage or drainage of any such sewer district or other municipal corporation upon such terms and conditions and for such periods of time as may be provided by ordinance. (Ord. 84390 § 8; September 1, 1955).

7.24.090 "Sewer fund" created. There is created in the city treasury a special fund to be known as the "sewer fund." Any and all revenues received for the use of sewers and for sewerage as herein set forth, or in connection therewith, shall be credited to said fund and all expenses for the operation and maintenance of the existing sewerage system of the city of Seattle; and for the servicing of bonds and the cost of operation and maintenance of the sewerage plant and system of said city as constructed or added to, and to maintain such sewerage utility in sound financial condition, shall be charged to said fund in the manner and to the extent provided by ordinance. Such expenses shall include the cost of billing and collection by the water department and all other interdepartmental charges for service rendered by other departments to said sewerage utility, and payments to metro and southwest suburban for sewage interception, treatment and disposal. (Ord. 84390 § 9, as amended by Ord. 91208; May 29, 1962).

7.24.100 Review of rates and charges. The rates and charges for sewerage fixed by this chapter shall be reviewed periodically with a view to possible adjustments consistent with the operation and maintenance of the sewerage utility system in a sound financial condition. (Ord. 84390 § 11, as amended by Ord. 91208; May 29, 1962).

7.24.110 Refunds. The city engineer in operating and administering the municipal sewerage system as a public utility under this chapter is authorized to make refunds where any charges paid under this chapter are found to be erroneous, or adjustments have been made by him as authorized by this chapter; and the city comptroller is authorized to draw and the city treasurer to pay the necessary warrants on the sewer fund upon certification by the city engineer that the refund is authorized. (Ord. 85417 § 1; August 14, 1956).

7.24.120 Severability. If any part or portion of this chapter shall be held unconstitutional or otherwise invalid, such decision shall not affect the validity of the remaining portions thereof. (Ord. 84390 § 10; September 1, 1955).

