

CITY OF RENSSELAER
IN
COMMON COUNCIL
WEDNESDAY EVENING
REGULAR MEETING

The Council convened at 8:10 o'clock P.M. and was called to order by
Pres. Stewart.

The roll being called the following answered to their names:

Pres. Stewart ✓
Alderman: Bullent ✓
Mooney
Lithgow ✓
Buono ✓
Alderman: Girolami ✓
Adams ✓
Miller ✓
Harrigan ✓
Jukes ✓

Alderman *Buono* moved that the minutes be adopted as printed subject
to correction.

COMMUNICATIONS FROM THE MAYOR
HEADS OF THE DEPARTMENTS AND CITY OFFICIALS

The Clerk reports that the Mayor had approved of all resolutions passed at
the last meeting.

TREASURER'S REPORT

PRESENTATION OF ACCOUNTS

Alderman *Buono* moved that all bills be referred to the auditing
committee.

All bills be allowed and ordered paid.

PRESENTATION OF PETITIONS AND ACCOUNTS

RESOLUTIONS

REPORT OF COMMITTEE

Alderman *Adams* moved to adjourn, seconded by Alderman *Bullent*.

IRWIN STEWART
HAROLD BULLENT

AYES	NOES
✓	
✓	

Public Hearing
11/3/71 8:00 p.m.
By Mayor Warden

THE COUNCIL OF THE CITY OF RENSSELAER
ORDINANCE NO.
INTRODUCED BY

AN ORDINANCE REGULATING THE USE OF PUBLIC AND PRIVATE SEWERS AND DRAINS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER SYSTEM; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF IN THE CITY OF RENSSELAER, COUNTY OF RENSSELAER, STATE OF NEW YORK.

Be it ordained and enacted by the Council of the City of Rensselaer, State of New York as follows:

ARTICLE I

Purposes

The purposes of these rules and regulations are specifically stated as follows:

- Sec. 101. To prohibit excessive volumes and/or inordinate rates of flow of sewage and wastes into the City and/or County Sewerage System.
- Sec. 102. To prohibit the contribution of sewage, industrial wastes or other wastes of a flammable nature or which create in any way a poisonous or hazardous environment for sewerage maintenance and operation personnel.
- Sec. 103. To prohibit the contribution of sewage, industrial wastes or other wastes which may cause maintenance difficulties in the lateral and trunk sewers, force mains, pumping stations, sewage regulators and other structures and appurtenances of the City and/or County Sewerage System.
- Sec. 104. To prohibit the contribution of sewage, industrial wastes or other wastes which may create operating difficulties at the water pollution control plants as they may be constructed, modified or improved in the future.
- Sec. 105. To prohibit and/or to regulate the contribution of sewage, industrial wastes or other wastes which require for treatment at the plants, greater expenditures than are required for equal volumes of normal sewage.

- Sec. 106. To require the treatment, before introduction into the City sewers, such wastes as may otherwise impair the strength and/or durability of the structures appurtenant to the sewer system, by direct or indirect chemical action, or interfere with the normal treatment processes.
- Sec. 107. To provide cooperation with Rensselaer County Sewer District No. 1, the Rensselaer County Department of Health and any other agencies which have requirements or jurisdiction for the protection of the physical, chemical and bacteriological quality of water courses within or bounding the County.
- Sec. 108. To protect the public health and to prevent nuisances.

ARTICLE II
DEFINITIONS

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

- Sec. 201. "BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20°C, expressed in milligrams per liter.
- Sec. 202. "Building Drain" shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.
- Sec. 203. "Building Sewer" shall mean the extension from the building drain to the public sewer or other place of disposal.
- Sec. 204. "Combined Sewer" shall mean a sewer receiving both surface runoff and sewage.
- Sec. 205. "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.

- Sec. 206. "Industrial Wastes" shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary sewage.
- Sec. 207. "Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.

- Sec. 208. "Person" shall mean any individual, firm, company, association, society, corporation, or group.
- Sec. 209. "pH" shall mean the negative logarithm of the hydrogen ion concentration in moles per liter. It indicates the intensity of acidity and alkalinity of the pH scale running from 0.0 to 14.0. A pH value of 7.0, the midpoint of the scale, represents neutrality. Values above 7.0 represent alkaline conditions and those below 7.0 represent acid conditions.
- Sec. 210. "Properly Shredded Garbage" shall mean garbage that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch (1.27 centimeters) in any dimension.
- Sec. 211. "Public Sewer" shall mean a sewer in which all owners of abutting properties have equal rights, and is controlled by public authority.
- Sec. 212. "Sanitary Sewer" shall mean a sewer which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.
- Sec. 213. "Sewage" shall mean a combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface and storm water as may be inadvertently present. The admixture of sewage as above defined with industrial wastes or other wastes also shall be considered "sewage" within the meaning of this definition.
- Sec. 214. "Sewage Treatment Plant" shall mean any arrangement of devices and structures used for treating sewage.
- Sec. 215. "Sewage Works" shall mean all facilities for collecting, pumping, treating, and disposing of sewage.
- Sec. 216. "Sewer" shall mean a pipe or conduit for carrying sewage.
- Sec. 217. "Shall" is mandatory; "May" is permissive.
- Sec. 218. "Slug" shall mean any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flow during normal operation.

- Sec. 219. "Storm Drain" (sometimes termed "storm sewer") shall mean a sewer which carries storm and surface waters and drainage, but excludes sewage and industrial wastes, other than unpolluted cooling water.
- Sec. 220. **"Superintendent" shall mean the Commissioner of Public Works of the City of Rensselaer or his authorized deputy, agent or representative.**
- Sec. 221. "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 removable by flotation, skimming and sedimentation.
- Sec. 222. "Watercourse" shall mean a channel in which a flow of water occurs, either continuously or intermittently.
- Sec. 223. "Chlorine Demand" shall mean the difference between the amount of chlorine added to water, sewage or industrial wastes and the amount of residual chlorine remaining at the end of a twenty minute contact period at room temperature.
- Sec. 224. "Cooling Water" shall mean the water discharged from any system of condensation, air conditioning, cooling, refrigeration, or other sources. It shall contain no polluting substances which would produce B.O.D., or Suspended Solids, in excess of ten parts per million by weight, or toxic substances as limited elsewhere herein.
- Sec. 225. "Normal Sewage" shall mean sewage, industrial wastes or other wastes, which when analyzed show by weight the following characteristics:
 - (1) B.O.D. 2000 lbs., per million gallons (240 milligrams per liter) or less,
 - (2) Chlorine Demand 208 lbs., per million gallons (25 milligrams per liter) or less,
 - (3) Suspended Solids 2500 lbs., per million gallons (300 milligrams per liter) or less.
- Sec. 226. "Sanitary Sewage" shall mean sewage discharging from the sanitary conveniences of dwellings (including apartment houses and hotels), office buildings, factories or institutions, and free from storm water, surface water, industrial wastes and other wastes.

- Sec. 227. "Toxic Substances" shall mean any substance whether gaseous, liquid or solid which, when discharged to a public sewer insufficient quantities, may be hazardous to sewer maintenance personnel, tend to interfere with any biological sewage treatment process, or to constitute a hazard to human beings or animals, or to inhibit aquatic life, or to create a hazard to recreation in the receiving waters of the effluent from a sewage treatment plant.
- Sec. 228. "Other Wastes" shall mean garbage (shredded or unshredded), refuse, wood, egg shells, coffee grounds, sawdust, shavings, bark, sand, lime, cinder, ashes, and all other discarded matter not normally present in sewage or industrial wastes.
- Sec. 229. "City" shall mean the City of Rensselaer and the lands contained therein.
- Sec. 230. "Director" shall mean the Administrative Executive of the Rensselaer County Sewer District No. 1.
- Sec. 231. "County" shall mean the County of Rensselaer.
- Sec. 232. "County Sewer District" shall mean Rensselaer County Sewer District No. 1, as created, altered or modified by action of the Rensselaer County Legislature.
- Sec. 233. "County Sewerage System" shall mean the trunk sewers, force mains, pumping stations, sewage regulators, water pollution control plants (sewage treatment plants) and other appurtenant structures owned and operated by the Rensselaer County Sewer District No. 1,
- Sec. 234. "Commission" shall mean the Board of Commissioners appointed by the County Legislature to the Rensselaer County Sewer District No. 1.

ARTICLE III
USE OF PUBLIC SEWERS REQUIRED

- Sec. 301. It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the City of Rensselaer, or in any area under the jurisdiction of said City, any human or animal excrement, garbage, or other objectionable waste.
- Sec. 302. It shall be unlawful to discharge to any natural outlet within the City of Rensselaer or in any area under the jurisdiction of said City, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.
- Sec. 303. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.
- Sec. 304. The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the City and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sanitary or combined sewer of the City, is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this ordinance, within ninety (90) days after date of official notice to do so, provided that said public sewer is within one hundred (100) feet (30.5 meters) of the property line.

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ARTICLE IV
PRIVATE SEWAGE DISPOSAL

- Sec. 401. Where a public sanitary sewer is not available under the provisions of Section 304, the building sewer shall be connected to a private sewage disposal system complying with the provisions established by the **Rensselaer County Department of Health.**
- Sec. 402. Before commencement of construction of a private sewage disposal system the owner shall first obtain a written permit from the **Rensselaer County Health Department.** The permit shall be made on a form furnished by the **Rensselaer County Department of Health** and shall be supplemented by any plans, specifications and other information as are deemed necessary by the **Rensselaer County Health Department.**
- Sec. 403. A permit for a private sewage disposal system shall not become effective until the installation is completed to the satisfaction of the **Rensselaer County Health Department.** The applicant shall notify the **Rensselaer County Health Department** when the work is ready for final inspection and before any underground portions are covered. The inspection shall be made within 48 hours of the receipt of notice by the **Rensselaer County Health Department.**
- Sec. 404. The type, capacities, location and layout of a private sewage disposal system shall comply with all recommendations of the **New York State Department of Environmental Conservation.** No septic tank or cesspool shall be permitted to discharge to any natural outlet.
- Sec. 405. The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times, at his own expense and at no expense to the **City.**
- Sec. 406. At such time as a public sewer becomes available to a property served by a private sewage disposal system, as provided in Section 304, a direct connection shall be made to the public sewer in compliance with this ordinance and any septic tanks, cesspools, and similar private sewage disposal facilities shall be cleaned of sludge and liquid, abandoned and filled with suitable material.
- Sec. 407. No statement contained in this article shall be construed to interfere with any additional requirements that may be imposed by the authorized representative of the **Rensselaer Co. Department of Health** or the **New York State Department of Environmental Conservation.**

ARTICLE V
BUILDING SEWERS, CONNECTIONS AND FEES

- Sec. 501. No 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 Superintendent.
- Sec. 502. There shall be three (3) classes of building sewer permits: (1) for residential (2) for commercial service, and (3) for service to establishments producing industrial wastes. In any case, the Owner or his agent shall make application on a special form furnished by the Superintendent. The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the Superintendent. A permit and inspection fee of 15 dollars for a residential and 20 dollars for a commercial building sewer permit and 100 dollars for an industrial building sewer permit shall be paid to the **City of Rensselaer** at the time an application is filed.
- Sec. 503. A separate and independent building sewer shall be provided for every building; except where one building stands at the rear of another on an interior lot and no sewer is available or can be constructed to the rear building through an adjoining alley, courtyard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer. In such cases, approval shall be obtained from the Superintendent prior to installation of the building sewer.
- Sec. 504. Old building sewers may be used in connection with new buildings only when they are found, on examination and test by the Superintendent, to meet all requirements of this ordinance.
- Sec. 505. The building sewer shall be cast iron soil pipe, ASTM Specification A74 or equal; or clay pipe, ASTM Specification C278, or equal; asbestos-cement house connection pipe; or other suitable material approved by the Superintendent. Joints shall be tight and waterproof. Any part of the building sewer that is located within 10 feet of a water service pipe shall be constructed of cast iron soil pipe with leaded joints. Cast iron pipe with leaded joints may be required by the Superintendent where the building sewer is exposed to damage by tree roots. If installed in filled or unstable ground, the building sewer shall be of cast iron soil pipe, except that non-metallic material may be accepted if laid on a suitable concrete bed or cradle as approved by the Superintendent. Building sewer pipe shall have a maximum length of 5 feet between joints.

- Sec. 506. The size and slope of the building sewer shall be subject to the approval of the Superintendent, but in no event shall the diameter be less than four (4) inches. The slope of such 4 inch pipe shall be not less than one-quarter ($1/4$) inch per foot. The slope of a 5 inch and 6 inch pipe shall be not less than three sixteenths ($3/16$) and one eighth ($1/8$) inch per foot respectively.
- Sec. 507. Whenever possible the building sewer shall be brought to the building at an elevation below the basement floor. Any openings, such as clean out hand holes in traps, in house drains, cellar drains, etc., shall be not lower than the level of the finished basement floor. No building sewer shall be laid parallel to and within three (3) feet of any bearing wall, which might thereby be weakened. The depth shall be sufficient to afford protection from frost. 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 pipe and fittings.
- Sec. 508. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such drain shall be lifted by approved mechanical means and discharged to the building sewer.
- Sec. 509. All excavations required for the installation of a building sewer shall be open trench work unless otherwise approved by the Superintendent. Pipe laying and backfill shall be performed in general accordance with ASTM Specification C12; C13; the Manual of Practice No. 9, Design and Construction of Sanitary & Storm Sewers (ASCE) and in full accordance with the local building code, except that no backfill shall be placed until the work has been inspected.
- Sec. 510. All joints and connections shall be made gastight and watertight.
- Poured joints for cast iron pipe shall be firmly packed with oakum or hemp and filled with molten lead not less than one (1) inch deep. Lead shall run in one pouring and caulked tight. The entire joint shall conform to AWWA Specification C600, Section 9a. No paint, varnish, or other coatings shall be permitted on the jointing material until after the joint has been tested and approved. The transition joint between cast iron pipe and/or other approved pipe material shall be made with either lead or approved hot-poured jointing material. Such material for hot-poured joints shall not soften sufficiently

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to destroy the effectiveness of the joint when subjected to a temperature of one hundred sixty (160°F) degrees Fahrenheit, nor be soluble in any of the wastes carried by the drainage system. The joint shall first be caulked tight with jute, hemp, or similar approved material.

Pre-molded gasket joints for plain end cast iron pipe may be used if approved by the Superintendent, and shall be a neoprene compression-type gasket which provides a positive double seal in the assembled joint. The gasket shall be a pre-molded, one-piece unit, designed for jointing the plain end cast iron hub and spigot soil pipe and fittings. The assembled joint shall be sealed by compression of the gasket between the exterior surface of the spigot and the interior spigot of the hub. The joint shall be assembled following the manufacturer's recommendations using acceptable lubricant and special pipe-coupling tools for that purpose. The plain spigot end shall be forced into the hub end of the pipe for the full depth of the hub itself. Lubricant shall be a bland, flax-base, non-toxic material and shall not chemically attack the gasket material. Typical manufacturer of this type gasket is the Tyler Pipe and Foundry Company, Tyler, Texas, or Buffalo Pipe & Foundry Corporation, Buffalo, New York.

Joints in clay pipe and asbestos cement pipe shall follow the manufacturer's recommendations, and be approved by the Superintendent.

Sec. 511. The connection of the building sewer into an existing public sewer shall be made at the property line. If a building sewer connection has not previously been provided, the building sewer will be constructed from the existing public sewer to the property line by the Owner, after obtaining the necessary permit. The cost of constructing the building sewer from the public sewer to the property line will be at the Owner's expense. All subsequent costs and expense incidental to the installation, connection and maintenance of the building sewer from the public sewer to the property line shall be borne by the City. The Owner shall indemnify the City of Rensselaer from any loss or damage that may directly or indirectly be occasioned by the installation and maintenance of the building sewer. The method of connection of the building sewer will be dependent upon the type of sewer material used and in all cases shall be approved by the Superintendent.

Sec. 512. The applicant for the building sewer permit shall notify the Superintendent when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the Superintendent, or his representative.

When trenches are opened for the laying of building sewer pipes, such trenches shall be inspected by the Superintendent before the trenches are filled; and the Contractor performing such work shall notify the Superintendent when the laying of building sewer is completed. The filling of a trench before inspection is made or approval given, will subject the Contractor to whom a permit is issued to a penalty of not to exceed \$50 for each offense, and the trench shall be reopened for inspection by and at the expense of the Contractor.

In case of a violation of any of the rules and regulations of the **City of Rensselaer** by a Contractor, or other persons in his employ, he (the Contractor) may be suspended or his recognition may be removed by the Superintendent.

Sec. 513. All excavations for building sewer installation shall be adequately protected with barricades and lights so as to protect the public from hazard. An indemnity bond will be required to be posted before a permit will be granted to excavate in or under the streets, highways or public places. Streets, sidewalks, parkways and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the **City of Rensselaer** or other authority having jurisdiction.

Sec. 514. In the case of the demolition of a building, within the **City of Rensselaer**, which has a building sewer, the Owner is responsible for properly capping the building sewer at the property line to prevent entry of dirt, debris, or any foreign substances into the public sewer. This shall be accomplished under the supervision of the Superintendent.

ARTICLE VI
USE OF THE PUBLIC SEWERS

- Sec. 601. No person shall discharge or cause to be discharged any stormwater, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. Existing facilities presently connected to the combined sewers may remain until combined sewers become separated at which time they shall be disconnected.
- Sec. 602. Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet approved by the Superintendent. Industrial cooling water or unpolluted process waters may be discharged, on approval of the Superintendent, to a storm sewer or natural outlet.
- Sec. 603. No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:
- (a) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
 - (b) Any waters or wastes having a pH lower than 5.5 or higher than 9.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
 - (c) 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 sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails, paper dishes, cups, milk containers, etc. either whole or ground by garbage grinders.
 - (d) Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, or to constitute a hazard to humans or animals, or to create a public nuisance, or to create any hazards in the receiving waters of a sewage treatment plant effluent. (See Sections 606 and 607).

Sec. 604. No person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the Superintendent and/or Director that such wastes can harm either the sewers, sewage treatment process, or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the Superintendent and/or Director will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The substances prohibited in the first instance but subject to review by the Superintendent and/or Director are:

- (a) Any liquid or vapor having a temperature higher than one hundred fifty (150°F) (65°C).
- (b) Any water or waste containing fats, wax, grease, or oils whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150°F), (0 and 65°C).
- (c) Any garbage that has not been properly shredded. The installation and operation of garbage grinders equipped with a motor of three-fourth (3/4) horsepower (0.76 hp metric) or greater shall be subject to the review and approval of the Superintendent and/or Director. Not more than 30% of ground garbage on the dry basis shall pass a No. 40 U.S. Standard sieve.
- (d) Any waters or wastes containing strong acid metal pickling wastes, or concentrated plating solutions whether neutralized or not.
- (e) Any waters or wastes containing iron, chromium, copper, zinc and similar objectionable or toxic substances. (See Section 606 and 607).
- (f) Any waters or wastes containing phenols or other taste-or-odor-producing substances, in such concentration exceeding limits which may be established by the Superintendent and/or Director as necessary, after treatment of the composite sewage to meet the requirements of the State, Federal, or other public agencies of jurisdiction for such discharge to the receiving waters.

(g) Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Superintendent and/or Director in compliance with applicable State or Federal regulations.

(h) Materials which exert or cause:

(1) Unusual concentration of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residue) or of dissolved solids (such as but not limited to, sodium chloride and sodium sulfate).

(2) Excessive discoloration at the treatment plant or in the receiving waters (such as, but not limited to, dye wastes and vegetable tanning solutions).

(3) Unusual B.O.D. (Biochemical Oxygen Demand), C.O.D. (Chemical Oxygen Demand) or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works, except as provided for under Section 608.

(4) Unusual volume of flow or concentration of wastes constituting "Slugs" as defined herein.

(1) Waters or wastes containing substances which are not amenable to treatment or reduction of the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of regulatory agencies having jurisdiction over discharge to the receiving waters.

Sec. 605. If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 604 of this Article, and which in the judgment of the Superintendent and/or Director, may have deleterious effect upon the sewage works, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Superintendent and/or Director may:

(a) Reject the wastes

(b) Require pretreatment to an acceptable condition for discharge to the public sewers

(c) Require control over the quantities and rates of discharge, and/or

(d) Require payment to cover the added cost of handling and treating the wastes not covered by existing taxes or sewer charges.

Sec. 606. The following is a partial list of toxic substances and pathogenic bacteria the discharge of which into the public sewerage system is hereby prohibited unless their concentration (1) is reduced by treatment at the source to a point that will meet the general purposes of these

rules and regulations or come within the applicable standards set forth herein under Section 607 or (2) will not adversely affect any of the bio-chemical, chemical or other sewage treatment process:

- (a) Antibiotics
- (b) Arsenic and Arsenicals
- (c) Bromine, Iodine, Chlorine
- (d) Copper and Copper Salts
- (e) Cresols or Creosotes
- (f) Fluorides
- (g) Formaldehyde
- (h) Mercury and Mercurials
- (i) Phenolic Compounds
- (j) Silver and Silver Compounds
- (k) Sulfonamides, Toxic Dyes (organic or mineral)
- (l) Zinc Compounds
- (m) All strong oxidizing agents such as chromates, dichromates, permanganates, peroxides, etc.
- (n) Chemical compounds producing toxic, flammable or explosive gases, either upon acidification, alkalization, oxidation or reduction.
- (o) Strong reducing agents such as nitrites, sulphides, sulphites, thiosulphates, etc.
- (p) Wastes from industrial processes or hospital procedures containing viable pathogenic organisms.

Sec. 607. The concentration in sewage of any of the following toxic substances shall not exceed these concentrations judged by the Superintendent and/or Director to be toxic to biological sewage treatment processes or to the biota of the receiving waters and shall not in any case exceed the following limits when such sewage is discharged to a public sewer. These limits may be revised by the Superintendent and/or Director whenever operating experience indicates that this is desirable:

<u>Toxic Substances</u>	<u>Permissible Concentration</u> <u>(Milligrams per liter)</u>
Cadmium	5.0
Chromium Hexavalent	5.0
Copper	3.0
Cyanate	10.0
Cyanide	1.0
Mercuric Chloride	2.0
Nickel	5.0
Silver	0.05
Zinc	5.0
Zirconium	10.0
Bromine, Iodine, Chlorine	100.0

When the volume of a single toxic industrial waste discharge or the combined toxic industrial waste discharges of a group of industries within a single contributory area is so large that an excessive volume of toxic waste will enter a treatment plant, the Superintendent and/or Director may impose lower concentration limits upon the contributors. Conversely, where a toxic industrial waste discharge will be effectively removed by the treatment works or will be rendered innocuous before reaching a treatment plant or the receiving waters, the Superintendent and/or Director may permit toxic industrial waste discharge concentrations greater than those hereinbefore listed provided the higher concentration does not constitute a toxicity hazardous to maintenance workers and does not cause any deleterious effects of any kind to the treatment process or receiving waters.

Sec. 608. Whenever any industrial waste is produced in such quantities as will, in the opinion of the Superintendent and/or Director, injure the public sewers into which they may be discharged, or adversely affect the treatment of sewage, or which does not yield readily to treatment by the processes employed in the sewage treatment works, such discharge will not be permitted into the public sewers without previous consideration as prescribed under applicable Sections of this article.

The following are some of the industries from which wastes may require pretreatment and/or approval before discharge into public sewers; tanning, metal pickling, metal plating, galvanizing, pulp and paper making, brewing, distilling, public laundering, laundromats, soap making, glue manufacturing, meat packing, food processing, wool scouring, bleaching and dyeing, munitions manufacturing, oil refining, wool washing, rubber production, salt works, slaughterhouses, dairies, dairy products, sugar refining, fat rendering, manufacture of syrups, jam or jelly, cotton textile manufacture or processing, or any industry producing wastes with strong acid or alkaline reactions or which will form deposits in or cause damage to the sewers or to appurtenances of sewage treatment works.

If the Superintendent and/or Director permits the pretreatment or equalization of waste flow, the design and installation of the plants and equipment shall be subject to the review and approval of the Superintendent and/or Director, and subject to the requirements of all applicable codes, ordinances and laws.

ARTICLE VII

TERMS AND CONDITIONS FOR THE
ISSUANCE OF PERMITS

- Section 701. It shall be unlawful for any person to discharge directly or indirectly into public sewers or into any private sewer or any combined sewer discharging into a public sewer, sewage combined with industrial wastes or other wastes, industrial wastes, or other wastes the characteristics of which, at the point of discharge, exceed the concentration limits prescribed for "normal sewage" under Article I herein, or fall within the categories prohibited under Article VI herein, except under the issuance of a permit therefor by the Superintendent and upon such terms and conditions as may be established by the Superintendent in the issuance of such a permit.
- Section 702. All applicants for a permit to discharge sewage combined with industrial wastes or other wastes into public sewers shall fill out and file with the Superintendent an Industrial Sewer Connection Application as a prerequisite for the consideration of such a Permit. The following is a partial list of information to be furnished by the applicant:
- (a) Plat of the property showing accurately all sewers, drains and house connections;
 - (b) Plans and specifications covering any work proposed to be performed under the permit;
 - (c) A complete schedule of all process waters and industrial wastes produced or expected to be produced at said property or premises, including a description of the character of each waste, the daily volume and maximum rates of discharge and representative analyses;
 - (d) The name and address of the person or firm who will be responsible for the performance of the work to be covered by the permit and the name and address of the person or firm who will be responsible for operating the facilities in accordance with the terms and conditions of the permit.
- Section 703. Terms and conditions as may be required and imposed by the Superintendent in the issuance of the permit are as follows:
- (a) A limitation upon the volume of sewage and the rate of flow permitted from the premises;
 - (b) The installation and maintenance by the permittee, at his own expense, of facilities or equipment for intermittent or continuous measurement of sewage, industrial wastes or other wastes discharged from the premises into a public sewer;

- (c) The installation and maintenance by the permittee, at his own expense, of detention tanks or other facilities or equipment for reducing the maximum rates of discharge of sewage to such a percentage of the twenty-four hour rate as may be required by the Superintendent;
- (d) The installation and maintenance by the permittee, at his own expense, of such preliminary treatment facilities as may be required by the Superintendent;
- (e) The installation and maintenance by the permittee, at his own expense, of a suitable control or sampling manhole or manholes in any sewer discharging to a public sewer for which a permit is issued;
- (f) The installation and maintenance by the permittee, at his own expense, of grease, oil and sand interceptors, separators or traps that are necessary for the proper handling of liquid wastes containing such substances in excessive quantities or any flammable waste or other harmful ingredients;
- (g) The submission to and approval by the Superintendent of the plans for any of the facilities or equipment required to be installed and maintained by the permittee.
- (h) Such other terms and conditions as may be necessary to protect the sewer system and carry out the intent and provisions of these rules and regulations;
- (i) Such terms and conditions may also provide that subsequent to the commencement of operation of any preliminary treatment facilities, periodic reports shall be made by the permittee to the Superintendent setting forth adequate data upon which the acceptability of the sewage, industrial wastes or other wastes, after treatment, may be determined.
- (j) Where preliminary treatment or flow-equalizing facilities are provided for any water or wastes, they shall be maintained continuously in satisfactory and effective operation by the permittee at his expense.
- (k) A violation by the permittee of the Permit shall be a cause for revocation or suspension of the Permit.

Section 704. Whenever sewage, industrial wastes or other wastes having characteristics other than prescribed for "Normal Sewage" as defined in Article II herein, or falling within the categories of waste prohibited from public sewers pursuant to these rules and regulations, is discharged into public sewers from any premises, the Superintendent shall have the right to take samples and tests as may be necessary to determine the nature and concentration of such wastes, and shall have the right to reassess his determinations by taking samples and tests at

any time or by periodic rechecks without notice to the person discharging such wastes;

- (a) Samples shall be taken and flow measurements made normally at the control manhole or manholes.
- (b) In the event that the requirement for a control manhole or manholes has been specifically waived, the samples shall be taken at a point or points to be selected by the Superintendent.

Section 705. When required by the Superintendent, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole, together with such meters and other appurtenances in the building sewer as are necessary to facilitate observation, sampling and measurement of the wastes. Such manhole, when required, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the Superintendent. 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.

Section 706. All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in these rules and regulations shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Waste Water", published by the American Public Health Association, and shall be determined at the control manhole, or upon 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 suitable one downstream in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb and property.

ARTICLE VIII

PENALTIES

Section 801. Any person found to be violating any provision of this ordinance except Section 902 shall be served by the City 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 802. Any person, firm, corporation or other, violating any provisions of this Ordinance shall be deemed guilty of a violation as defined by Section 10.00 (3) of the Penal Law of the State of New York and upon conviction thereof shall be subject to a fine of not exceeding One Hundred (\$100.00) dollars or to imprisonment for not exceeding fifteen (15) days or to both such fine and imprisonment for each and every violation and for each and every day that such violation continues."

Section 803. Any person violating any of the provisions of this ordinance shall become liable to the **City** for any expense, loss, or damage occasioned the **City** by reason of such violation.

ARTICLE IX

GENERAL PROVISIONS

Section 901. The Superintendent or his representatives may enter upon private lands for the purpose of inspection, observation, measurement, sampling and testing in accordance with the provisions of these rules and regulations.

While performing the necessary work on private lands referred to in this section above, the Superintendent or his duly authorized representatives shall observe all safety rules established by the owner and/or occupant of the premises.

Refusal to permit the entry upon private lands required to perform the necessary work referred to herein, shall be punishable by such penalties as may be prescribed under Article VII of these rules and regulations.

Where a company or premises has security measures in force which require proper identification and clearance before entry into said company or premises, such company or premises shall either make the necessary arrangements with their security guards to allow **City** employees immediate access to the locations necessary for the purpose of inspection, observation, measurement, sampling and testing; or the company or premises shall install, outside the premises or security limits, suitable control manholes, approved by the Superintendent, which will at all times be accessible to **City** employees.

Section 902. Any persons who maliciously, wilfully or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is a part of the public sewerage system shall be subject to immediate arrest under charge of disorderly conduct.

Section 903. In order to ensure, and to provide for the proper and equitable use of the City and County sewerage systems, the Superintendent may impose a sewage surcharge.

In addition to normal charges imposed or levied for the construction, maintenance, operation, repair, improvement and management of the City and County sewerage system, any "person" may be required to pay a sewage surcharge if the characteristics of the waste it discharges to the City sewerage system exceed the maximum values of such characteristics for normal sewage or wastes as defined under Article II herein.

Section 904. If any article, section, paragraph, subdivision, clause or provision of these rules and regulations shall be adjudged invalid, such judgment shall apply only to such article, section, paragraph, subdivision, clause or provision so adjudged and shall not affect, impair or invalidate any other part or portion of these rules and regulations.

Section 905. In the event of any conflict between participating municipalities of the Rensselaer County Sewer District No. 1 and the City of Rensselaer and the Commission concerning the interpretation of any part of this ordinance, the determination of the Commission shall be final and conclusive unless reversed by order of a court.

Section 906. This ordinance shall be in full force and effect from and after its passage, approval, recording, and publication as provided by law.

Lud. Terlami

AYES	NOES
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✓	

IRWIN STEWART
 HAROLD BULLENT
 JOHN MOONEY
 WILLIAM LITHGOW
 STEPHEN BUONO
 ARMAND GIROLAMI
 WILLIAM ADAMS
 WILLIAM MILLER
 FREDERICK HARRIGAN
 ALFRED JUKES
 TOTAL

We the undersigned committee appointed to tabulate bids for the furnishing of all labor and materials for the construction of parking areas on Spruce St. and Aiken Avenue in connection with the Housing Project do report the following bids:

CALLANAN ROAD IMPROVEMENT CO.	\$12335.00
Harold S. Vincent & Son, Inc.	13422.00

We therefore report that the bid of Callanan Road Improvement Co. was the lowest responsible bid for the labor and materials to be furnished and we therefore recommedd that the bid be awarded to Callanan Road Improvement Co. in the sum of \$12335.00 .

COMMITTEE

Harold M Bullent
William B. Lyhyan
James J. Grolan
Richard J. Drully
J. K. Frank

BY ALDERMAN Bullent

#43
RESOLVED that the Mayor be and he hereby is authroized and directed to enter a contract with Callanan Road Improvement Co. for the furnishing of labor and materials for the construction of parking areas on Spruce St.f and Aiken Ave. in connection with the Housing Project, after approval by the office of the Common Council.

Approved as to form and sufficiency

this 3rd day of November, 1971

IRWIN STEWART
HAROLD BULLENT
JOHN MOONEY

AYES	NOES
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

D. A. M. J.

Bids Received on Wednesday,
November 3, 1971, at 8:00 P.M.,
in the City Clerk's Office-
City Hall, Rensselaer, N.Y.

J. Kenneth Fraser & Associates, P.C.
Consulting Engineers
620 Washington Avenue
Rensselaer, New York 12144

CITY OF RENSSELAER
RENSSELAER COUNTY, N. Y.

CONSTRUCTION OF PARKING AREAS ON AIKEN AVENUE
AND SPRUCE STREET

<u>Prospective Bidder</u>	<u>Amount</u>
<u>Callanan Road Improvement Co.</u>	<u>\$ 12,335.⁰⁰</u>
<u>Hudson River Construction Co., Inc.</u>	<u>—</u>
<u>Harold S. Vincent & Son, Inc.</u>	<u>\$ 13,422.⁰⁰</u>
<u>BULLENT, LITAGOW, GIROLAMI, CORP. COUNSEL, J. KENNETH FRASER & ASSOC.</u>	

We the committee appointed to tabulate bids for the furnishing of labor and materials for the installation of ^a 36 inch storm sewer on the southerly side of Partition Street do hereby report the following bids:

M. Cristo, Inc.	\$ 9,726.00
Micheli Contracting Corp.	12,963.00
Wm. J. Keller & Sons Const. Corp.	13,169.50
Ken Morris & Son	14,192.00
J.V. Polsinello Contractor	18,406.50

We therefore report that the lowest responsible bidder therefore was M. Cristo, Inc. in the amount of \$9,726.00 and we therefore recommend that the contract for furnishing such labor and materials be awarded to M. Cristo, Inc.

COMMITTEE

William J. Cedams Jr.
Harold M. Bullent
Stephen P. Bruno
J. P. Frace
John J. Tobin

BY ALDERMAN ~~BUONO~~ *Dirolami*

RESOLVED that the Mayor be and he hereby is authorized and directed to enter a contract with M. Cristo, Inc. for the furnishing work, labor and materials for the construction and installation of a 36 inch storm sewer extension on the south side of Partition Street, said contract to be approved by the office of the Corporation Counsel.

Approved as to form and sufficiency

this 3rd day of November 1971

Richard J. Reilly
 CORPORATION COUNSEL

2nd by Bullent

IRWIN STEWART
 HAROLD BULLENT
 JOHN MOONEY
 WILLIAM LITHGOW
 STEPHEN BUNO

AYES	NOES
✓	
✓	
✓	

#44

BY ALDERMAN

Buono

#46

RESOLVED, that the Mayor be and he hereby is authorized and directed to make application to the State of New York Division for Youth for approval of a Recreation Project in conjunction with the Rensselaer Boys Club and make application to said Division For Youth for State Aid in an amount equal to 50% of the total cost of said project, which sum is \$3200.00. and

BE IT FURTHER RESOLVED, that the Mayor be and he hereby is authorized and directed to enter into an agreement with the Rensselaer Boys Club for said project after approval by the Office of the Corporation Counsel.

Approved as to form and sufficiency
this 3rd day of November 1971

Richard D. Reilly
Corporation Counsel

2nd Adams

	AYES	NOES
IRWIN STEWART	✓	
HAROLD BULLENT	✓	
JOHN MOONEY		
WILLIAM LITHGOW	✓	
STEPHEN BUONO	✓	
ARMAND GIROLAMI	✓	
WILLIAM ADAMS	✓	
WILLIAM MILLER	✓	
FREDERICK HARRIGAN	✓	
ALFRED JUKES	✓	
TOTAL		

