

ORDINANCE NO. 2

SEWER USE ORDINANCE

AN ORDINANCE REGULATING THE USE OF PUBLIC AND PRIVATE SEWERS AND DRAINS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER SYSTEM, AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF IN THE TOWNSHIP OF ROLLIN, COUNTY OF LENAWEE, STATE OF MICHIGAN.

THE TOWNSHIP OF ROLLIN HEREBY ORDAINS:

SECTION 1. Definitions

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

1. "Wastewater Works" shall mean all facilities for collecting, pumping and disposing of waste waters.
2. "Superintendent" shall mean the Superintendent of County Sewerage Systems of Lenawee County, or his authorized deputy, agent or representative.
3. "Sanitary Wastes" shall mean a combination of the water-carried wastes from residences, business buildings, institutions and industrial establishments.
4. "Sanitary Sewage" shall mean domestic wastes contributed by reason of human occupancy.
5. "Industrial Wastes" shall mean the liquid wastes from industrial processes as distinct from sanitary sewage.
6. "Sewer" shall mean a pipe or conduit for carrying liquid waste.
7. "Public Sewer" shall mean a sewer in which all owners of abutting properties have equal rights, and is controlled by public authority.
8. "Sanitary Sewer" shall mean a sewer which carries sanitary wastes and to which storm, surface and ground waters are not intentionally admitted.
9. "Storm Sewer" or "Storm Drain" shall mean a sewer which carries storm and surface waters and drainage, but excludes sanitary wastes.
10. "Garbage" shall mean solid wastes from the preparation, cooking and dispensing of food, and from the handling, storage and sale of produce.
11. "Properly Shredded Garbage" shall mean the wastes from the preparation, cooking and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than 1/2 inch

in any dimension.

12. "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 outside the inner face of the building wall.

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

14. "Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake or other body of surface or ground water.

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

16. "Person" shall mean any individual, firm, company, partnership, association, society, corporation or group.

17. "Shall" is mandatory; "May" is permissive.

18. "District" shall mean the Rollin-Woodstock Sanitary Drain Drainage District of Lenawee County, Michigan.

19. "Owner" shall mean the person, firm, partnerships, company or corporation who owns the property, either in fee or as a contract purchaser thereof. In the case of joint or multiple ownership, "Owner" shall collectively refer to and mean all such parties in interest.

SECTION 2. Use of Public Sewers Required

1. It shall be unlawful for any person to place, deposit or permit to be deposited in an unsanitary manner upon any public or private property within the District Service Area, any human or animal excrement, garbage or other objectionable waste.

2. It shall be unlawful to discharge to any natural outlet within the District Service Area any sanitary sewage, industrial wastes or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.

3. 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.

4. The owner of all houses, buildings or properties used for human occupancy, employment, recreation or other purposes situated within the District and abutting on all street, alley or right-of-way in which there is now located or may be in the future located a public sanitary sewer, is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities directly within the public sewer in accordance with the provisions of this ordinance, within ninety (90) days after the date of official notice to do so, provided that said public sewer is within 200 feet of the building or dwelling.

5. At such time as a public sewer becomes available to a property served by a private sewage disposal system, as provided in paragraph 4, 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 abandoned and filled with sand or other suitable material within thirty (30) days after connection to the public sewer and comply with all requirements of the Lewawee County Health Department.

SECTION 3. Private Sewage Disposal

Where a public sanitary sewer is not available under the provisions of Section 2, paragraph 4, the building sewer shall be connected to a private sewage disposal system complying with the provisions of the regulations of the Environmental Health Division of the Lenawee County Health Department.

SECTION 4. Building Sewers and Connections

1. No unauthorized person shall uncover, make any connections with or opening into, use, alter or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Superintendent. Wherever any work is to be done within or a cut is to extend into the right-of-way of any public street, road or highway, another permit shall be obtained from the controlling road authority.

2. All applications for building sewer permits shall be made on a special form furnished by the County Drain Commissioner and signed by certified owners or authorized agents. The 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 One Hundred and Ten (\$110.00) Dollars shall be paid to the District at the time of filing of the application.

3. A separate and independent building sewer shall be provided for every building; except where one building stands at the rear of another or an interior lot and no private sewer is available or can be constructed to the rear building though an adjoining alley, court, yard or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer; and with the further exception that two adjacent buildings may use a common building sewer within the limits of the public right-of-way. In the latter case, a separate permit should be required for each building.

4. All material shall be new and of first quality vitrified clay sewer pipe, cast iron soil pipe, polyvinyl chloride (PVC) or Acrylonitrile-Butadiene-Styrene (ABS) plastic pipe, or such other materials as may be accepted by the Superintendent. All materials shall comply with the latest edition of the American Society of Testing Materials Specifications. All joints shall be of premium joint materials. Approved adaptors shall be used in joining pipes of dissimilar materials.

5. Any sewer contractor, before laying pipe or making the connection to any wye, tee, riser or crossover, shall uncover both appurtenances to same to ascertain the condition. No sewer pipe shall be laid before the

representative of the Superintendent is on the job. The sewer contractor shall determine the slope of the building sewer, form the elevations of the existing public sewer connection and the connection at the building, with the minimum slope being in accordance with Section 4, paragraph 6. Should there not be enough fall available to provide minimum slope, the Superintendent shall be advised immediately. Sewer pipe laying shall start at the connection to the public sewer.

6. The size and slope of the building sewer shall be subject to the approval of the District, but in no event shall the diameter be less than four (4) inches. The slope of a four (4) inch pipe building sewers shall be not less than one-quarter inch per foot. Common services for more than one building and services for commercial or industrial uses shall be six (6) inches or larger in diameter as determined by the District. The slope of six (6) inch pipe shall not be less than 1/8" per foot.

7. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. 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 curvey pipe and fittings. Any public or private utility service structure or line shall be maintained at a minimum of five (5) feet horizontal clearance between said building sewer and said utility, except for water lines which shall be maintained at a minimum of ten (10) feet horizontal clearance, unless that part of a building sewer that is located within ten (10) feet of water line shall be constructed of cast iron soil pipe. No other utilities will be permitted in the same trench as the building sewer.

8. In all buildings in which any building drain is too low to permit gravity flow from basement drains to the public sewer, sanitary sewage carried by such drain shall be lifted by approved artificial means and discharged to the building sewer.

9. All excavations required for the installation of a building sewer shall be open trench work unless otherwise requested by the Superintendent. Pipe laying and backfilling shall be performed in accordance with standards established by the District.

10. Cleanout with seal tight caps shall be provided at ninety (90) degree bends (except where long sweep elbows are used) and at intervals not exceeding one-hundred (100) feet as measured along the building sewer. Wyes for cleanouts shall be installed to facilitate downstream cleaning.

11. All joints and connections shall be made gastight and watertight.

12. The district cannot guarantee the exact location of any existing wye, tee, riser or crossover. The connection of the building sewer into the public sewer shall be made at a riser or wye, if such outlet is available at a suitable location. Where no properly located riser or wye is available in the public sewer, the owner shall at his expense cut a neat hole into the public sewer to receive the building sewer, with entry in the downstream direction at an angle of about forty-five (45) degrees and at the location specified by the Superintendent. The connection of the building sewer to the public sewer shall in general, be above and near the spring line of the

sewer, but never in the top of the public sewer. A smooth, neat joint shall be made, and the connection made secure and watertight by approved waterproof joint material before encasing in concrete. Concrete encasement shall not be considered waterproof. Approved special fittings shall be used for the connection. Any damage to the main sewer pipe during installation of the connection shall require replacement of the entire length of main sewer pipe damaged, at the sewer contractor's expense.

13. The application for the building sewer permit shall notify the Superintendent or district forty-eight (48) hours before an inspection and connection to the public sewer is to be made. All notifications of this kind shall include the permit number and the location. The connection shall be made under the supervision of the Superintendent or his representative. The Superintendent, or any person authorized by him, must be permitted at all times to inspect all work, material and fixtures.

14. All excavations for building sewer installation shall be adequately and lawfully guarded with barricades and lights so as to protect the public from hazard. Streets, driveways, sidewalks, sewers, utilities and other public or private property disturbed in the course of the work shall be restored in manner satisfactory to the district. No sewer contractor shall open any pavement on any public or private property without first receiving written permission from the owner or proper authorities. At least forty-eight (48) hours notice shall be given for this permission.

X 15. The maintenance of the building sewer from the building to the main sewer is the responsibility of the owner. After it is determined that a stoppage is not in the building sewer, then the District or the Superintendent shall be notified.

16. If any sewer contractor shall neglect or refuse to comply with the rules and regulations herein set forth, within twenty-four (24) hours after receiving written notice from the Superintendent, the sewer district can proceed with the work and the cost involved will be charged to the sewer contractor or his surety. In cases where it is necessary for the district to proceed with the work, no further permits will be granted to the sewer contractor until he has satisfactorily complied with the orders of the Superintendent or his representative or completely reimbursed the sewer district for any cost involved. The sewer contractor shall be required for a period of one (1) year after the completion of the work, to make all necessary repairs.

SECTION 5. Use of Public Sewers

1. No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff, subsurface drainage, cooling water or unpolluted industrial process waters to any sanitary sewer.

2. Storm water, industrial cooling water 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 District and the Water Resources Commission.

3. No person shall discharge or cause to be discharged any of the following waste materials to any sanitary or storm sewer or to the

wastewater works:

- a. Waste which creates a fire or explosion hazard in the sewer system or at the treatment plant, such as gasoline, kerosene, fuel oil, cleaning solvents and paint vehicles.
- b. Waste which will clog sewers or impair the hydraulic capacity of the sewer system, such as sand, metal, metal shavings, glass, tar, asphalt, plastics, feathers and waxes.
- c. Acid waste in any concentration or wastes containing dangerous levels of hydrogen sulfide or sulphur dioxide.
- d. Mineral oils and soluble oil.
- e. No waste water below a ph of 5.5 or above 9.5 at the point of discharge from the industry.
- f. Any substance which will place unusual demands on the sewage treatment plant equipment or process or limit the effectiveness of the sewage treatment process.

SECTION 6. Industrial, Commercial or Institutional Use

1. Limitations of what will be permissible at the point of the factory waste entering the public sanitary sewer system are as follows:

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| a. Cyanide | 0.0 mg/l |
| b. Hexavalent Chrome | 1.0 mg/l |
| c. Copper | 1.0 mg/l |
| d. Nickel | 0.5 mg/l |
| e. Animal or vegetable oils or fats | 100 mg/l total |
| f. Temperature higher than | 150 degrees F. |
| g. 5 Day B.O.D. higher than | 300 mg/l |
| h. Suspended solids higher than | 340 mg/l |
| i. Or any substance having a chlorine demand higher than | 15 mg/l |
| j. Phenol | .02 mg/l |
| k. Chlorides | 125 mg/l |

2. There are potential problem chemical wastes which interfere with the wastewater treatment process, and indicate a need for regulation. The following chemicals have been identified to date, others may be added to the list in the future.

- a. Metasilicates
- b. Phosphorous
- c. Silicon
- d. Concentrated alkaline cleaning solutions
- e. Low phosphate detergents using substitutes for the phosphate

3. The admission of any industrial wastes containing characteristics critical to sanitary wastes collection and treatment shall be subject to the review and approval of the Superintendent. When in the opinion of the Superintendent, preliminary treatment or control of wastes are necessary,

suitable facilities shall be constructed according to plans approved by the Superintendent, or the District may prohibit the discharge of said wastes to any public sewer.

4. Grease, oil and sand interceptors shall be provided when, in the opinion of the Superintendent or District, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand and other harmful ingredients; except that such interceptors shall not be required for private living quarters or by the sewer district and shall be located as to be readily and easily accessible for cleaning and inspection.

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

5. Where installed, all grease, oil and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times.

6. The admission into the public sewers of any waters or wastes having characteristics which vary from normal sewage shall be subject to the review and approval of the sewer district. When necessary in the opinion of the sewer district, such preliminary treatment as may be needed to control the quantities and rates of discharge or reduce objectionable characteristics or constituents shall be constructed according to plans approved by the District, or the District may prohibit the discharge of said wastes to any public sewer.

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

8. When required by the sewer district, the owner of any property served by a building sewer carrying industrial wastes shall install a suitable control manhole in the building sewer to facilitate observation, sampling and measurement of the wastes. A control manhole shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the sewer district. The manhole shall be installed by the owner at his expense, and shall be maintained by him so to be safe and accessible at all times.

9. All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in Section 6, paragraph 3 and 6, shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater", as published by the American Public Health Association, and shall be determined at the control manhole provided for in Section 6, paragraph 8, or upon suitable samples taken at said control manhole and shall be at the expense of the owner. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in that public sewer to the point at which the building sewer is connected.

SECTION 7.

No unauthorized person shall maliciously, willfully or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is a part of the wastewater works. Any person violating this provision shall be guilty of a misdemeanor and shall be subject to arrest by proper law enforcement authorities.

SECTION 8. Powers and Authority of Inspectors

1. The District shall make and enforce rules and regulations establishing the types and characteristics of sanitary sewage and industrial wastes and other matter, not specifically covered in this ordinance, which shall not be discharged into the sanitary sewerage system and the types and characteristics of sanitary sewage and industrial wastes admissible to the sanitary sewerage system only after pretreatment.

2. The Superintendent and other duly authorized employees of the District bearing proper credentials and identification shall be permitted to enter upon all properties for the purpose of inspection, observation, measurement, sampling and testing, in accordance with the provisions of this ordinance.

SECTION 9. Penalties

1. If violations of any provision of this ordinance, excepting Section 7, paragraph 1, shall be found, a written notice, stating the nature of the violation, shall be sent by first class mail to the person or persons apparently guilty of the violation. This notice shall be deemed sufficient, in the event of violation by a person to whom property within the system is assessed for taxes, if sent to the address of that person as shown in the tax rolls. With respect to all other persons, this notice shall be deemed sufficient if sent to the last known address of said persons. Further, if the violation appears to be occurring upon private property within the system service area, a copy of said notice shall likewise be posted upon said property. The notice shall, in all cases, set forth a time limit during which all noted violations shall cease and be abated, and appropriate corrective action taken, and if the violator shall not thus comply, the provisions of the following paragraph shall then apply.

2. Any person who shall continue any violation beyond the time limit provided for in paragraph 1, shall be guilty of a misdemeanor, and upon conviction thereof, shall be fined in an amount not exceeding One-Hundred (\$100.00) Dollars for each violation, or imprisonment not to exceed thirty (30) days. Each day in which any such violation shall continue shall be deemed a separate offense.

3. Any person violating any of the provisions of this ordinance shall become liable to the District for any expense, loss or damage occasioned the District by reason of such violation, notwithstanding whether said person may have been prosecuted for a violation of the terms of this ordinance.

SECTION 10. Validity

1. All ordinances or parts of ordinances in conflict herewith are

hereby repealed.

2. The invalidity of any section, clause, sentence or provision of this ordinance shall not affect the validity of any other part of this ordinance which can be given effect without such invalid part or parts.

SECTION 11. Ordinance in Force

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

2. Passed and adopted by the Township of Rollin, State of Michigan, on the 10th day of August, 1972.

ORDINANCE DECLARED ADOPTED.

/s/ _____
David Hassenzahl
Rollin Township Supervisor

Adopted: August 10, 1972

I hereby certify that the foregoing ordinance was duly enacted by the Township Board of the Township of Rollin, Lenawee County, Michigan, on the 10th day of August, 1972.

/s/ _____
Robert Mason
Rollin Township Clerk

I, Robert Mason, the duly elected and acting Clerk of the Township of Rollin, hereby certify that the foregoing ordinance was published in the Adrian Daily Telegram, Adrian, Michigan, on August 21, 1972.

/s/ _____
Robert Mason
Rollin Township Clerk