

Carroll County Environmental Services

Rules & Regulations

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A RESOLUTION REGULATING THE USE OF PUBLIC AND PRIVATE SEWERS AND DRAINS, PRIVATE WASTEWATER DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS AND DRAINS, THE DISCHARGE OF WATER AND WASTES INTO THE PUBLIC SEWER SYSTEM; THE DISCHARGE OF INDUSTRIAL WASTES INTO THE PUBLIC SEWER SYSTEM; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF; IN THE BROWN TOWNSHIP-MALVERN SEWER DISTRICT.

WHEREAS, the Board of Commissioners of Carroll County is providing for the collection and treatment of sewage to promote the health, safety and convenience of its people and for the safeguarding of water resources common to all; and

WHEREAS, provision has been made in the design, construction and operation of such facilities to accommodate certain types and quantities of industrial wastes in excess of, and in addition to, normal sanitary sewage; and

WHEREAS, it is the obligation of the producers of industrial wastes to defray the cost of extraordinary services rendered by [the](#) Brown Township - Malvern Sewer District in an equitable manner and in proportion to benefits derived; and

WHEREAS, proper protection and operation of the collection and treatment facilities may require either the exclusion, pre-treatment, or controlled discharge at point of origin of certain types or quantities of industrial wastes;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Commissioners of the County of Carroll, State of Ohio.

GENERAL - That, upon and after the enactment of this resolution, and for the purposes of clarification and compliance, [the](#) Brown Township - Malvern Sewer District shall be the Approving Authority. That, for the purposes of the promulgation of this resolution, the Board of County Commissioners of Carroll County, Ohio, and [the](#) Brown Township - Malvern Sewer District ("BTM") shall be considered synonymous, as referred to herein.

CHAPTER I - DEFINITION OF TERMS

SECTION 1 - The Act shall mean the Federal Water Pollution Control Act, as amended, contained in the Clean Water Act of 1977 (Public Law 95-217, or the "1977 Act").

SECTION 1.5 - Air Gap Separation shall mean the unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture, or other device and the flood level rim of the receptacle.

SECTION 2 - Approving Authority shall mean BTM, it's duly authorized deputy, agent, or representative. Also called the Authority or District. BTM and County shall be synonymous with each other.

SECTION 2.3 - Assessment shall mean fees imposed on properties relating to the construction cost of sewers for a property connecting to the sewer system under the special assessment policies currently in effect and as adopted by the Board of County Commissioners.

SECTION 2.5 - Auxiliary Water System shall mean any water system on or available to the premises other than the public water system and includes the water supplied by the system. These auxiliary waters may include water from another supplier's public water system; or water from a source such as wells, lakes, or streams; or process fluids; or used water. They may be polluted or contaminated or objectionable or constitute a water source or system over which the supplier of water does not have control.

SECTION 2.7 - Backflow shall mean a flow condition, induced by a differential in pressure that causes the flow of water or other liquids, mixtures or substances into the distribution pipes of a potable water supply from any source or sources other than its intended source.

SECTION 2.9 - Backflow Prevention Device shall mean any device, method, or type of construction intended to prevent backflow into a potable water system.

SECTION 3 - Biochemical Oxygen Demand (BOD) shall mean the quantity of oxygen, expressed in milligrams per liter, utilized in the biochemical oxidation of organic matter under standard laboratory conditions for five days at a temperature of twenty degrees centigrade(20°). The laboratory determinations shall be made in accordance with procedures set forth in "Standard Methods", Section 40, herein.

SECTION 3.2 - Board of County Commissioners shall mean the duly elected Board of County Commissioners of Carroll County, Ohio.

SECTION 3.5 - BTM shall mean the Brown Township - Malvern Sewer District.

SECTION 3.7 - BTM Superintendent shall mean the BTM Superintendent appointed by the Board of Carroll County Commissioners, or his authorized deputy, agent or representative.

SECTION 4 - Building Drain shall mean that part of the lowest horizontal piping of a building drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of any structure or building and conveys such discharge to the building sewer, beginning five feet (5'0") (1.5 meters) outside the inner face of the building wall.

SECTION 5 - Building Sewer shall mean the extension of the sanitary sewer serving a single structure, from the building drain, to the public sewer or other place of disposal; may also be called a house connection.

SECTION 6 - Village shall mean the Village of Malvern.

SECTION 7 - County shall mean the County of Carroll, Ohio.

SECTION 8 - Combined Sewer shall mean a sewer receiving both sanitary sewer and storm sewer, or surface run-off. .

SECTION 9 - Commercial User shall mean a class of user who usually contributes primarily segregated domestic wastes or wastes from sanitary conveniences.

SECTION 10 - Compatible Pollutant shall mean BOD, SS, pH and fecal coliform bacteria, plus additional pollutants identified in the NPDES permit for which the treatment facilities were designed to treat such pollutants and, in fact, does remove such pollutants to a substantial degree.

SECTION 10.3 - Cooling Water or Industrial Cooling Water shall mean water discharged from any system of condensation, air-conditioning cooling, refrigeration or other similar use, which shall be free from odor or oil. It shall not contain polluting substance that will produce B.O.D., or carry suspended solids, in excess of ten milligrams per liter.

SECTION 10.5 - Cross-Connection shall mean a physical connection through which a supply of potable water could be contaminated or polluted.

SECTION 10.7 - Customer's Water System shall mean any water system, located on the customer's premises, supplied by or in any manner connected to a public water system. A household plumbing system is considered to be a customer's water system.

SECTION 11 - Debt Service shall mean the payments required to retire the treatment facilities debt through cash generated during the period of time that the debt is outstanding.

SECTION 11.3 - District shall be considered synonymous with BTM Sewer District.

SECTION 11.5 - Double Check Valve Assembly shall mean an assembly composed of two single, independently acting, check valves including tightly closing shutoff valves located at each end of the assembly and suitable connections for testing the watertightness of each check valve.

SECTION 11.7 - Drain Layer, or Sewer Builder shall mean a person who has sufficient practical knowledge and mechanical competency to do plumbing and install sanitary sewers and connections in accordance with CHAPTER VI herein.

SECTION 11.9 - Easement shall mean a grant of a specified use of land by its owner for the installation and maintenance of sewers and waterlines.

SECTION 12 - Engineer shall mean a Sanitary Engineer as may be designated by the Approving Authority. Sanitary Engineer shall be synonymous with the Superintendent.

SECTION 13 - Garbage shall mean the solid waste from the preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.

SECTION 14 - Ground Garbage shall mean garbage that has been shredded to such a degree that all particles will be carried freely in suspension under the flow conditions normally prevailing in public sewers with no particle greater than one half inch (½") in any dimension.

SECTION 15 - Governmental User shall mean a class of user who normally contributes primarily segregated domestic wastes or wastes from sanitary conveniences; a village, town, city, county, district, etc., created by or pursuant to the laws of the State of Ohio or the United States of America.

SECTION 16 - Industrial Cost Recovery shall mean the recovery by BTM, from industrial users of the public wastewater facilities, of the Federal grant amount allocable to the treatment of waste from such industrial users.

SECTION 17 - Industrial Cost Recovery Period shall mean a period that runs indefinitely.

SECTION 18 - Industrial User shall mean a non-governmental, non-residential user that discharges more than the equivalent of 25,000 gallons per day of sanitary wastes and which is identified in the OMB SIC Manual under divisions A, B, D, E and I; or a user which discharges any wastewater containing toxic pollutants, flows or pollutants which have an adverse effect on the treatment facility.

SECTION 19 - Industrial Waste shall mean the liquid wastes from industrial or commercial operations and/or processes as distinct from segregated domestic wastes or wastes from sanitary conveniences.

SECTION 19.5 - Inspector shall mean the designated employee of BTM who observes and advises as to the quality of construction as it relates to the regulations and specifications.

SECTION 20 - Institutional User shall mean a class of user who usually contributes primarily segregated domestic wastes or waste from sanitary conveniences; usually identified as hospitals, sanitariums, prisons, etc.

SECTION 21 - Metering shall mean the mechanical or other means and/or devices for measuring and recording the volumetric quantity of flow through sewers.

SECTION 22 - Monitoring shall mean the mechanical or other means to determine the chemical, physical and bacteriological constituents of wastewater in a sewer.

SECTION 23 - Natural Outlet shall mean a water course, pond, ditch, lake, creek, river, or other body of surface or ground water.

SECTION 24- Normal Domestic Wastes shall mean the wastewater discharging from the sanitary conveniences of dwellings (including apartment buildings, hotels, office buildings, schools, churches, small commercial establishments, institutions and/or industrial plants, etc.) which meet the discharge limitation requirements of this resolution.

SECTION 25 - NPDES Permit shall mean any permit or equivalent document of requirement issued by the State of Ohio to regulate the discharge of pollutants to the “National Pollutant Discharge Elimination System” (NPDES) as established by the Environmental Protection Agency (EPA).

SECTION 26 - Operation and Maintenance (O & M) shall mean the practical application of a method or process to keep in an existing state, or efficiently preserve from failure or decline, the existing or future treatment facilities; includes the term “replacement” which is defined as expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the service life of the treatment facilities to maintain the capacity and performance for which such facilities were designed and constructed.

SECTION 26.5 - Permit

1. Permit shall mean the permission granted by the Authority for residences, apartments, business buildings or properties, institutions or industrial establishments to connect to a public sewer or water line of the System.
2. Guarantee of Permit shall mean the commitment of the BTM Sewer District to issue a “Permit” to connect to the public sewer system at the appropriate time. The Guarantee of Permit shall be valid for one calendar year from the date of issue.

SECTION 27 - Person, Enterprise, Establishment or Owner shall mean any individual, firm, company, association, society, corporation or group, natural or artificial.

SECTION 28 - pH shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.

SECTION 28.5 - Potable Water shall mean water that does not contain objectionable pollution, contamination, minerals, or infective agents and is considered satisfactory for domestic consumption.

SECTION 29 - Pretreatment shall mean the preliminary treatment of wastewater from the source of such wastewater before introduction into the treatment facilities.

SECTION 29.5 - Private Sewage Disposal System shall mean that where a public Sanitary Sewer is not available, sewage and sanitary drainage piping shall be connected to an individual sewage disposal system found to be adequate and approved by the County Health Department or the Ohio Environmental Protection Agency.

SECTION 29.7 - Private Sewer shall mean a sewer that is not owned by a public authority.

SECTION 29.9 - Process Fluids shall mean any fluid or solution which may be chemically, biologically or otherwise contaminated or polluted in a form or concentration such as would constitute a health, pollutional, or system hazard if introduced into the public or a customer’s potable water system. This includes, but is not limited to:

1. Polluted or contaminated waters;
2. Process waters;

3. Used waters originating from the public water system which may have deteriorated in sanitary quality;
4. Cooling waters;
5. Contaminated natural waters taken from wells, lakes, streams, or irrigation systems;
6. Chemicals in solution or suspension;
7. Oils, gases, acids, alkalis, and other liquid and gaseous fluids used in industrial or other processes, or for firefighting purposes.

SECTION 30 - Public Sewer shall mean a sewer owned or controlled by BTM and does not include the building sewer.

SECTION 30.4 - Reduced Pressure Principle Backflow shall mean a device containing a minimum of two independently acting check valves together with an automatically operated pressure differential relief valve located between the two check valves. During normal flow and at the cessation of normal flow, the pressure between these two checks shall be less than the supply pressure. In case of leakage of either check valve, the differential relief valve, by discharging to the atmosphere, shall operate to maintain the pressure between the check valves at less than the supply pressure. The unit must include tightly closing shutoff valves located at each end of the device, and each device shall be fitted with properly located test cocks.

SECTION 30.5 - Residential Equivalent Units (REU) shall mean the sewage flow and concentration estimate for a typical residence. REU are used for basing monthly charges of non residential customers. REU are 350 gpd, BOD 200 mg/l, SS 250 mg/l and any other contaminant that may be determined in the future using EPA standard concentrations.

SECTION 31 - Sanitary Sewer shall mean a sewer intended to carry only sanitary, or sanitary and industrial, wastewaters from, but not limited to, residences, commercial buildings, industrial plants, and institutions and governmental facilities.

SECTION 32 - Sanitary Waste shall mean the wastes discharged from the average residential user (REU) in the sewer service area. The strength of the residential waste discharge in the BTM service area is hereby established at 350 gpd, 200 milligrams per liter of BOD and 250 milligrams per liter of SS, per volume of flow, and these concentrations shall be applied in determining equivalent volumes of process waste or combined discharges of sanitary and process wastes for the purposes of industrial cost recovery and surcharges.

SECTION 32.5 - Service, Water shall mean the line running from the system water main to the user's structure of which the portion from the water main to and including the curb box shall be owned and maintained by BTM and the portion from the curb box to the user's structure shall be owned and maintained by the user.

SECTION 33 - Sewage shall mean a combination of water carried wastes from sanitary facilities of buildings, including but not limited to, residences, commercial establishments, institutions, and governmental facilities, and free from storm and surface water and industrial wastes.

SECTION 34 - Sewer shall mean a pipe or conduit carrying sewage.

SECTION 35 - Sewage Collection System shall mean all sewers within the publicly owned collection and treatment area, which are primarily installed to receive wastewaters directly from facilities, which convey wastewater from individual structures or from private property, and which include service connection “Y” fittings designed for connections with those facilities. The facilities which convey wastewater from individual structures or from private property to the public lateral sewer, or its equivalent, are specifically excluded from this definition, with the exception of pumping units and pressurized lines, for individual structures or groups of structures when such units are cost effective and are owned and maintained by the Authority.

SECTION 36 - Sewage Treatment Facilities shall mean any arrangement of devices, structures, and systems used in the treatment of sewage, including outfall sewers, pumping, power and other equipment and their appurtenances; extensions, improvements, remodeling, additions and alterations thereof; and any works, including site acquisition of the land that will be an integral part of the treatment process; synonymous with wastewater treatment works and/or facilities.

SECTION 37 - Shall is mandatory; May is permissive and subject to approval by the Authority.

SECTION 37.5 - Sludge shall mean the accumulated solids separated from liquids, such as water or wastewater, during processing, or deposits on bottoms of streams or other bodies of water.

SECTION 38 - 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 minutes, more than five times the average twenty four hour concentration or flow during normal operation.

SECTION 39 - Small Commercial Establishments shall mean those private establishments normally found in small communities, such as restaurants, hotels, stores, filling stations, recreational facilities, etc., with dry weather wastewater flows less than 25,000 gallons per day. Private non-profit entities such as schools, churches, hospitals, charitable organizations, etc., are considered as small commercial establishments. Commercial establishment with wastewater flow equal to or smaller than one (1) REU (generally 350 gallons per day dry weather flow) shall be treated as residences.

SECTION 40 - Standard Methods shall mean the examination and analytical procedures set forth in the most recent edition of “Standard Methods for the Examination of Water, Sewage, And Industrial Wastes”, published jointly by the American Public Health Association, the American Water Works Association and the Federation of Sewage and Industrial Wastes Association.

SECTION 40.5 - Storm or Storm Drain shall mean a sewer that carries storm and surface waters and drainage, but excludes sewage and industrial wastes.

SECTION 41 - Surcharge shall mean the cost in addition to the user charge which is levied on those persons whose wastes are greater in strength than the concentration values established herein as representative of normal sewage or REU.

SECTION 42 - Suspended Solids (SS) 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 laboratory filtering. Quantitative determination of SS shall be made in accordance with procedures set forth in “Standard Methods”, Section 40, herein.

SECTION 42.5 - Tampering shall mean any act pertaining to, or use of, the sewerage or water systems of BTM Sewer District, which in the opinion of the Superintendent may endanger the public health, safety or welfare.

SECTION 43 - Tap-in shall mean the connection of a building sewer to a public sewer; synonymous with house connection.

SECTION 44 - Superintendent shall mean the supervisor of the wastewater and/or water department of BTM, as shall be designated by the Authority.

SECTION 44.5 - System Terminology shall mean the sewerage or water system as defined below and when the term system is used, it shall be construed to mean the appropriate system as indicated by the context of use.

1. System, Sewerage shall mean all facilities for collecting, pumping, treating and disposing of waste.
2. System, Water shall mean all facilities for production, storage, transmission, distribution, pumping and treatment of potable water.

SECTION 45 - User Charge shall mean a charge levied on users of the public wastewater collection and treatment facility for the costs of operation and maintenance, including replacement, of such facilities; may also include, as a separate entity, a charge levied on users of such facilities for the purposes of debt retirement; user charge and debt retirement are not synonymous.

SECTION 46 - User Charge System shall mean a system to assure that each recipient of wastewater treatment service pays his proportionate share of the cost of operation and maintenance, including replacement, of the wastewater treatment facilities.

SECTION 47 - Water Connection shall mean the connection device at the curb stop used for making the connection of water service lines to the system.

SECTION 48 - Watercourse shall mean a natural channel in which a flow of water occurs, either continuously or intermittently.

CHAPTER II - USER CHARGE SYSTEM

SECTION 1 - There is hereby established a user charge system in accordance with the requirements of the Federal Water Pollution Control Act (FWPCA or the Act), as amended, contained in the Clean Water Act of 1977 (Public Law 95-217, or the 1977 Act), and as promulgated by the U.S. Environmental Protection Agency (EPA) in the Federal Register, Volume 43, Number 188, on Wednesday, September 27, 1978, for the purposes described herein:

1. Developing a common and equitable operation and maintenance (including replacement) charge, per unit of normal strength wastewater, for all users of the public wastewater collection and treatment facilities.
2. Establishing a common and equitable surcharge for extra strength wastewater based on BOD and SS discharges and characteristics of flow.
3. Insuring that all users share the economies of scale and that discounts are not given for volume of contribution.
4. Establishing a system that identifies and isolates, as a minimum, (1) costs for collection and treatment, (2) costs for interceptor and/or collector system maintenance, (3) costs for services provided, (4) costs for the administration, operation and maintenance of the facilities, and (5) separate and distinct elements of other costs such as debt service and local capital costs.
5. Insuring that the user charge system provides sufficient revenues to offset any and all actual costs for the operation and maintenance, including replacement, of such facilities.
6. Insuring that any other political jurisdictions within the service area of such facilities will adopt, implement, and enforce, the user charge system as established herein.

SECTION 2 - There are hereby established five classes of users of the public wastewater collection and treatment facilities, as follows:

1. Residential: Any single family residence, REU, or equal, user of the public wastewater collection and treatment facilities. A residential equivalent unit (REU) shall be 350 gallons per day dry weather flow.
2. Commercial: A user who normally contributes primarily segregated domestic wastes, or wastes from sanitary conveniences into the public wastewater facilities; one who contributes 25,000 gallons per day or less of sanitary waste, or a volume of process waste, or combined sanitary and process wastes, equivalent to 25,000 gallons per day of sanitary waste.
3. Industrial: Any non-governmental, non-residential user of the public wastewater treatment facilities which discharges more than the equivalent of 25,000 gallons per day of sanitary wastes and which is identified in the Standard Industrial Classification Manual, 1972, Office of Management and Budget, as amended and supplemented under divisions A, B, D, E and I of said manual; and any non-governmental user of the public wastewater treatment facilities which discharges wastewater to the treatment facilities which contains toxic pollutants or poisonous solids, liquids or gases in sufficient quantity

either singly or by interaction with other wastes, to contaminate the sludge of the public wastewater systems, or to injure or to interfere with any sewage treatment process, or which constitutes a hazard to humans or animals, creates a public nuisance, or creates any hazard in or has an adverse effect on the waters receiving any discharge from the treatment facilities.

4. Institutional: A class of user who contributes primarily segregated domestic wastes, or wastes from sanitary conveniences, into the public collection and treatment facilities; generally identified as hospitals, sanitariums, prisons, etc.; may be excluded from the requirements of industrial cost recovery.
5. Governmental: A class of user who usually contributes primarily segregated domestic wastes, or wastes from sanitary conveniences, into the public collection and treatment facilities; may be excluded from the requirements of industrial cost recovery. As applied herein, a governmental user is defined as a village, town, city, county, district, association or other public body (including an inter-municipal agency of two or more of the foregoing entities) created by, or pursuant to, State of Ohio law or the laws of the United States of America, and any agency thereof.

SECTION 3 - BTM does hereby establish that, unless otherwise amended, added to or deleted from, as provided herein, the following shall be considered as being the average residential waste discharge (REU) in the District wastewater service area:

1. An average flow of 350 gallons per day at a loading of 200 milligrams per liter of BOD and 250 milligrams per liter of SS.

SECTION 4 - BTM does hereby determine that the District user charge system shall also meet the following requirements:

1. For the first year, operation and maintenance charges, including replacement, shall be based upon the estimated use of the wastewater facilities by each user, or user class, in proportion to such user's contribution to the total wastewater loading from all users, or user classes. For subsequent years, the user charges shall be based on the actual use experienced during the first year of operation and maintenance.
2. At the end of the first full calendar year of operation of the wastewater treatment facilities, the Authority shall review the wastewater contributions of all users, and user classes, the total costs of operation and maintenance, the user charge system, and shall revise the charges for users, or user classes, accordingly. Thereafter, the Authority shall conduct a biennial review for the purposes stated herein. The purpose for such reviews, in addition to the adjustment of charges, shall be to:
 - a. Maintain the proportional distribution of operation and maintenance, including replacement, costs, among users and user classes as required herein.
 - b. Generate sufficient revenues to pay the overall costs of the operation and maintenance, including replacement of such facilities, and such debt retirement and capital costs as may be required.

3. The user charge system hereby provides that each user which discharges any toxic pollutants or flows which cause an increase in the cost of managing the effluent or the sludge in the public wastewater treatment facilities shall pay for such increased cost.
4. The user charge system hereby establishes that the costs of operation and maintenance for all flow not directly attributable to users, i.e., infiltration and inflow, shall be distributed among all users of the public wastewater facilities in the same manner that it distributes the costs of operation and maintenance among users, or user classes, for their actual use.
5. The user charge system hereby establishes that the rate and that portion of the user charges which are attributable to the wastewater treatment services shall be reflected in an appropriate resolution and that such resolution shall be available for perusal by the public at all times.
6. The Authority hereby disregards any terms or conditions of agreement or contracts between the Authority and users, of all classes, which address the reservation of capacity in the public wastewater facilities or the charges to be collected by the Authority in providing wastewater treatment services and which are inconsistent with the requirements of the "Act".
7. The user charge system hereby requires non-residential and/or non-metered users of the public wastewater treatment facilities to pay the same rate per volume of wastewater as that paid by residential users; except that such users may be required to pay an additional charge for debt retirement or capital costs equal to, but no more than, that paid by residential users of the public wastewater collection and treatment facilities.
8. The user charge system hereby requires non-residential users of the public wastewater collection and treatment facilities to comply with the requirements of this resolution, as those requirements apply to residents of the BTM service area.

SECTION 5 - That the surcharge system for extra strength and flow of wastewater be defined as follows:

1. That the testing be done and completed by BTM approved personnel and laboratories.
2. Samples for BOD, SS and flows be determined by BTM.
3. Once results of samples are determined and any contaminant is above the REU, a surcharge will be based.
4. Basing surcharges shall be done by taking the appropriate contaminant result found and dividing that by the REU. The result will be the multiplying factor applied to the basic charge for one REU. Example: 700 gpd divided by 350 gpd = 2; 2 x REU charge (\$21.50/month as of 01-01-01) = \$43.00/bi-monthly charge.
5. No one shall be charged under the minimum of one REU.

SECTION 6 - Repair and Miscellaneous Work Charges—All repairs chargeable to the owner, except those for which a fixed fee is provided, will be billed at the total cost. Charges for

miscellaneous work will be made at established rates on file or as determined by the Superintendent.

SECTION 7 - Payment of Miscellaneous Charges—All miscellaneous charges shall be paid within thirty days after the bill is rendered and are subject to late charges.

CHAPTER III - INDUSTRIAL COST RECOVERY SYSTEM

SECTION 1 - The Approving Authority does hereby establish an industrial cost recovery system for the purpose of recovering, by the Authority, from industrial users of the public wastewater treatment facilities, each industrial users share of the Federal grant amount allocable to the treatment of waste from such users.

SECTION 2 - The BTM service area does not at this time have any industrial users of the public wastewater treatment facilities and shall not implement the provisions of this chapter until such time as an industrial user makes application and is admitted to the use of such facilities. Upon admittance, such industrial user, if so determined, shall participate in the industrial cost recovery program established herein.

SECTION 3 - The strength of the average residential waste discharge, having been established in Chapter II, herein, shall be applied in determining equivalent volumes of process waste or combined discharges of sanitary and process wastes for the purpose of industrial cost recovery.

SECTION 4 - The Approving Authority shall determine the identity of industrial users of the public wastewater treatment facilities by:

1. Conducting, initially and on an annual basis, a review of the accounts of the public water users whose metered water supply records indicate that 25,000 gallons per day, or more, of water is drawn by such user.
2. Inspection, observation, measurement, sampling, and testing, initially and on an annual basis, determine the volumes of flow and equivalent volumes of process waste or combined discharges of sanitary and process waste contributions of such industrial users.

SECTION 5 - Those persons determined to be industrial users, under the provisions of this resolution, shall be required to participate in the industrial cost recovery program established herein.

SECTION 6 - The industrial cost recovery program shall be in full force and effect beginning with the first day of full operation of the wastewater treatment facilities.

SECTION 7 - Except as otherwise provided by the Act, those industries required to participate in the public industrial cost recovery program will be required to make payment to such program no less often than annually. The first payment by an industrial user shall be made not later than one year after the user begins use of the treatment facilities.

SECTION 8 - Those industrial users entering into an agreement with the Authority to reserve a certain capacity in the treatment facilities, shall make industrial cost recovery payments based on the total reserved capacity in relation to the design capacity of such facilities. If the discharge of an industrial user exceeds the reserved capacity in volume, strength or delivery flow characteristics, the user's industrial cost recovery payment shall be increased to reflect the actual use of the treatment facilities. If there is no agreement between the industrial user and the Authority regarding reserve capacity, and there is a substantial change in the strength, volume, or delivery flow rate characteristics of an industrial user's discharge, such users share shall be adjusted accordingly.

SECTION 9 - If there is an upgrading of the treatment facilities, each existing industrial user's share shall be adjusted proportionately.

SECTION 10 - If there is an expansion of the treatment facilities, each industrial user's share shall be adjusted proportionately, except that a user with reserved capacity under Section 8, above, shall incur no additional industrial cost recovery charge unless the user's actual use exceeds its reserved capacity.

CHAPTER IV - USE OF PUBLIC SEWERS

SECTION 1 - No person, firm or corporation, shall discharge or cause to be discharged any storm water, ground water, roof run-off, subsurface drainage, cooling water or unpolluted industrial process water to any sanitary sewer.

SECTION 2 - It shall be unlawful to discharge into the building sanitary sewer the surface water which collects in basement or foundation excavations. No building sewer shall be run until the building plumbing has been installed and approved.

SECTION 3 - It shall be unlawful for any person, firm or corporation to discharge or permit the discharge of any of the following described waters or wastes to any public sanitary sewer:

1. Any oils, acids, cyanides, explosives or inflammable compounds, industrial chemicals, poisons and/or any other substances, gas or liquid, which may in any way damage or interfere with the use or operation of the sanitary sewers, or sewage treatment plant, in excess of maximum concentrations as determined by the Superintendent of Sewerage or which may create a hazard to life.
2. Any garbage that has not been properly shredded.
3. Any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, paunch manure, or any other solid or viscous substance capable of causing obstruction to the flow in sewers or other interference with the proper operation of the sewage works.
4. Any waters or wastes containing suspended solids of such character and quality that unusual attention or expense is required to handle such materials at the wastewater treatment plant, or having a chlorine demand greater than 25 parts per million.

SECTION 4 - It shall be unlawful for any owner, agent, lessee, tenant, or occupant of any lot or land located within the BTM service area to establish, construct, maintain, use or permit to remain a privy, cesspool or other receptacle for the treatment or disposal of sanitary sewage, or a connection to a private sewer, ditch or other outlet, if the source of such sanitary sewage discharge is located within two hundred feet (200') of a public sewer constructed and used for the purpose of collecting and treating sanitary sewage. Whenever any such public sewer is available or is hereafter made available, a connection to such public sanitary sewer shall be established and used within sixty (60) days after such public sanitary sewer is made so available to such owner, agent, lessee, tenant or occupant, who shall for such purpose obtain a connection permit from the Approving Authority; and said Authority shall inspect and approve each connection for which a permit is issued hereunder and shall maintain a record thereof.

SECTION 5 - It shall be unlawful for any owner, agent, lessee, tenant or occupant of any lot or land located within the BTM service area, to discharge into any public sanitary sewers any roof water, surface or subsoil drainage or other clean wastewater, or to discharge into any storm sewers or drains any sanitary sewage or industrial wastes.

SECTION 6 - It shall be unlawful for any person, firm or corporation to discharge wastewater having a temperature higher than 150° Fahrenheit into the public sewers.

SECTION 7 - Prohibited Wastes

1. Any waters or wastes having pH lower than 6.0 or higher than 9.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
2. Any 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 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, and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
3. Any waters or wastes containing objectionable or toxic substances; or wastes having a chlorine demand greater than 25 ppm. Toxic wastes discharged into the Sanitary Sewer System shall not exceed the following limits:

Substance	PPM
Zinc	15.0
Cyanide	1.0
Copper	5.0
Nickel	5.0
Chromium	5.0
Phenols	5.0
Lead	5.0
Cadmium	5.0

4. Any waters or wastes containing taste or odor producing substances, in such concentrations exceeding limits, which may be established by the Sanitary Engineer as necessary, or exceeding limits of State, Federal, or other public agencies having jurisdiction for such discharge to the receiving waters. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Sanitary Engineer in compliance with applicable State or Federal regulations.
5. Any unusual concentrations or inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).
6. Any excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
7. Any waters or wastes which exceed a five (5) day biochemical oxygen demand (BOD) of 200 mg/l or suspended solids of 250 mg/l.
8. Any toxic waste or waters of unusual strength of character whose daily discharge volume exceeds 15,000 gallons, and does not have facilities which will introduce the daily waste volume at a uniform rate over no less than a twenty (20) hour period. Any waters or waste having an average daily flow greater than 100,000 gallons per day shall be subject to the review and approval of the Sanitary Engineer.

9. Any waters and wastes containing substances, which are not amenable to treatment by reduction by the sewage treatment processes, employed are not to be discharged except by written approval of the Sanitary Engineer. Industrial discharges must meet the requirements of any other governmental agencies having jurisdiction over discharge to the receiving waters.
10. Any water or waste containing fats, wax, grease, oils, whether emulsified or not, in excess of fifty (50) mg/l or containing substances which may solidify or become discernibly viscous at temperatures between thirty two degrees Fahrenheit (32°F) and one hundred fifty degrees Fahrenheit (150°F) (0°C and 65°C).
11. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths (3/4) horsepower or greater shall be subject to the review and approval of the Sanitary Engineer.
12. Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.
13. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, gas, or phenols.
14. 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, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant, including, but not limited to, cyanides in excess of two (2) mg/l as CN in the wastes as discharged to the public sewer.
15. Any other discharge of any material into the Sanitary Sewer determined to be harmful to human or aquatic life, or deemed detrimental to efficient operation of the Sanitary Sewer System, as specified by the Sanitary Engineer.

SECTION 8 - If the Sanitary Engineer permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the Sanitary Engineer, and subject to the requirements of all applicable codes, ordinances, and laws, including the Ohio Environmental Protection Agency, the State Department of Health, and the Army Corps of Engineers.

SECTION 9 - All deviation or waivers from the articles of Chapter IV shall be approved in writing by the Sanitary Engineer.

SECTION 10 - Analysis and Metering

1. All measurements, tests, analyses, of the characteristics of waters and wastes to which reference is made in this resolution, 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 provided by the user or upon suitable samples taken at said control manhole. In the event that no special control manhole has been required, the nearest down-stream manhole shall be used to obtain samples for waste quality measurement. 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, health, and property. The particular application involved shall determine the method used to obtain samples. Normally, but not always, BOD and suspended solids analysis is obtained from twenty-four (24) hour composites of all outfalls, whereas pH and temperature are determined from periodic grab samples.

2. It is not the intent of any statement contained herein to prevent any special agreement and/or arrangement between the BTM Superintendent or Board of Carroll County Commissioners and any user of the Sanitary Sewer System whereby a waste of unusual strength or character may be accepted by the County subject to payment therefore by the user.
3. Any method for cost recovery of charges shall conform to current Federal regulations.

SECTION 11 - Illegal Connections—In the event any premises are found to be discharging sewage or other wastes, as defined herein, into the BTM Sanitary Sewer System without payment of a sewer service charge or rental, or if any premises are illegally connected to the water system, the Sanitary Engineer shall, by such method as he may find practicable, measure or estimate the quantity of such wastes or water consumption for the purpose of establishing a proper charge in accordance with the schedule of monthly sewer or water service charges, and the said premises shall be charged for the total term of the prior usage on the basis of the quantity so determined. He shall also collect all appropriate other charges as authorized by the O.R.C. and these regulations.

SECTION 12 - Violation—It shall constitute a violation for any person, firm, group, or corporation, either owner or agent, to tamper with or attempt to use facilities provided by the BTM Sewer District without first obtaining the necessary permits and approvals. Any permit obtained or approved, based on a false statement made in order to deceive the BTM Sewer District shall be held void and the applicant shall be held in violation. Any infractions of the rules and regulations set forth by this resolution shall also constitute a violation. Each day shall constitute a separate violation.

SECTION 13 - Penalties—Any person, firm, group, or corporation, either owner or agent, committing a violation of this resolution, shall be subject to revocation or suspension of permits or license, and may be deemed guilty of a misdemeanor, and if convicted may be fined as the penalties provide in the Ohio Revised Code. In addition, the violators of these rules and regulations shall be liable and responsible for any and all damages incurred as a result of the violation.

CHAPTER V - INDUSTRIAL AND DAMAGING WASTES

SECTION 1 - Industrial wastes of a nature which will cause damage to the sanitary sewerage system or which will interfere with the treatment processes shall be barred from the sanitary sewerage system. In no case will an industry, commercial, or other user establishment be allowed to discharge oils, gasolines, thinners, or other highly volatile substances or any highly acid or basic substances or any other waste which may tend to damage the sanitary sewerage system or cause a stoppage of the same. The Superintendent of Sewerage shall have authority to enter any property for the purpose of obtaining samples of waste discharged into the sewers.

SECTION 2 - An industry or user must, upon application for sewer service, present to the Superintendent of Sewerage, a tabulation of the chemical analysis of the wastes to be discharged into the sanitary sewerage system and the volume of such waste, or if this is not available, the expected waste analysis based on similar processes now in operation, or any other requirement deemed necessary by the Superintendent.

SECTION 3 - The Superintendent of Sewerage shall, if he finds it necessary, require pretreatment of a waste prior to its discharge into a public sanitary sewerage system.

SECTION 4 - The permit fee for connecting any industry to a sanitary sewer shall be based on the actual cost plus overhead for reviewing the plans and inspecting the construction of the connection from the main sanitary sewer to the plant buildings and of any pretreatment devices.

SECTION 5 - A monthly report of the quantity and characteristics of any industrial waste discharged into a sanitary sewer shall be presented to the Superintendent of Sewerage by the industry no later than the fifteenth (15th) day of the following month.

SECTION 6 - If any waters or wastes are discharged, or are proposed to be discharged, to the public sewers, which contain the substances or possess the characteristics enumerated in this resolution, and which in the judgment of the Approving Authority may have a deleterious effect upon the wastewater facilities, processes, equipment, or receiving waters, or which otherwise creates a hazard to life or constitutes a public nuisance, the Approving Authority may:

1. Reject such wastes; or
2. Require pretreatment to an acceptable condition for discharge to the public sewers; or
3. Require control over the quantities and rates of discharge; or
4. Require payment to cover added costs of handling and treating such wastes not covered by existing sewer rates, user charges or taxes.

SECTION 7 - The Authority shall, in addition to any penalties contained in this resolution, obtain financial reimbursement for any damages caused as a result of a violation of the provisions of this resolution, by such person as may cause such damage, whether intentional or not, in accordance with the laws of the State of Ohio.

SECTION 8 - If the Approving Authority permits the pretreatment or equalization of waste flows, the design and installation of the plant and equipment shall be subject to the review and approval of such authority.

SECTION 9 - Where pretreatment or flow equalizing facilities are provided or required for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

SECTION 10 - Grease, oil, flow equalization, and sand traps shall be provided when in the opinion of the Approving Authority they are necessary for the proper handling of liquid wastes containing floatable grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such traps shall not be required for private living quarters or dwelling units. All traps shall be of a type and capacity approved by the Approving Authority and shall be located as to be readily and easily accessible for cleaning and inspection. In the maintaining of these traps, the owner shall be responsible for the proper removal and disposal, by appropriate means, of the captured material and shall maintain records of the dates and means of disposal, which are subject to review by the Approving Authority. Any removal and hauling of the collected materials not performed by owner personnel must be performed by currently licensed waste disposal firms. Such traps shall be procured, installed and maintained at no expense to the Authority.

SECTION 11 - When required by the Approving Authority, the owner of any property serviced by a building sewer carrying industrial or damaging wastes or flows shall install a suitable structure or control manhole, together with such necessary meters and other appurtenances in the building sewer, to facilitate observation, sampling, and measurement of the wastes. Such structures, when required, shall be accessibly and safely located by the Approving Authority. The structure 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 12 - All measurements, tests, and analysis of the characteristics of waters and wastes to which reference is made in this resolution shall be determined in accordance with "Standard Methods", Section 40, Chapter I, herein. Sampling methods, locations, times, duration, and frequencies are to be determined on an individual basis, subject to the approval of the Approving Authority.

SECTION 13 - All cost associated with the testing, inspection, blueprints, and review of required improvements by the Approving Authority shall be borne by the owner of said property being required to make any and all improvements.

CHAPTER VI - CONNECTION-Qualifications/Regulations/Permits/Inspection

SECTION 1 - Any person, firm or corporation, or any employee of such person, firm or corporation who desires to engage in the work of making connections with the public sanitary sewers, building sewers, service sewers, and the construction of special sanitary sewers or the construction of water services in the BTM Sewer District, must obtain a Drain Layers License from the BTM Sewer District in the case of sanitary construction, and must be registered with the County Health Department in the case of water service construction, before engaging in said work. He shall not tap any sanitary sewer or lay any house connection pipe, or dig in or open any street, road, or other public ways for the purpose of tapping any such service or laying any such house connection, unless such persons shall have first obtained from the Approving Authority a license for doing such work. The work shall, at all times, be under the supervision of the Drain Layer licensed to do such work. This supervision shall be continuous on-the-job supervision. These rules shall not prevent any licensed sewer builder from building house laterals from a sanitary sewer being built under contract under the supervision of the Superintendent of Sewerage, provided, however, that the licensed sewer builder first secures permission in writing from any contractor building such sewer.

SECTION 2 - BTM will perform all maintenance of the sanitary sewer main. The home owner will be held responsible for the maintenance of the house sanitary sewer between the sanitary sewer main and the house. The County may require the property owner to make whatever repairs or perform any maintenance that the County deems necessary for the proper functioning of the sanitary sewerage system. If the County is called upon or finds it necessary to repair or maintain any house connection, the cost of such repair or maintenance shall be billed directly to the home owner. The County expressly disclaims any responsibility for damages caused by or arising from any stoppage of the main sanitary sewer.

SECTION 3 - Failure by the sewer builder to comply with any of these rules and regulations, or the direct orders of the Superintendent or his duly authorized assistants or inspectors shall be deemed just cause for the revocation of a sewer builder's license. The Superintendent or his authorized agent has the authority to add to and amend these said sanitary sewer laying requirements as conditions warrant, but it shall be the sole responsibility of the sewer builder to properly lay, construct, and maintain any and all sewer lines.

SECTION 4 - Qualifications and regulations required for a Drain Layer

1. An applicant for a Drain Layer's License shall be a competent reputable person or firm incorporated in the State of Ohio regularly engaged in constructing sanitary sewers and have been so engaged for a minimum two year period prior to the time of his application.
2. All applicants for a drain layer's license shall take and pass an examination with a score of 70% or better. For any scores less than 100% the applicant is required to personally review examination and correct answers. In the event an applicant scores less than 70%, a re-examination shall be taken at the next scheduled time.
3. He shall annually submit a written application which shall contain a list of municipalities in which he has worked during the past two years; included on the list shall be individual references within those areas including the following: owner's name, owner's contact and phone number, address of job, amount of job, date completed, engineer and phone number, description of job, etc., who are familiar with his workmanship and character;

business references; equipment he owns; his excavator, if he does not own his excavating equipment, and a list of his “normal employees”, especially the foremen who will be in charge of work performed under his license. (All licenses expire on December 31st of each year.) He shall pay the current license fee as established by the Approving Authority. He shall also annually submit an emergency phone number list.

4. Any person, firm or corporation possessing either a Drain Layer’s License or registered as a plumber with the County Health Department, shall file a bond in the amount of \$20,000 from a Surety licensed to do business in the State of Ohio, to the approval of the BTM Sewer District, conditioned upon the faithful prosecution of the work undertaken as provided by these Rules and Regulations and the Specification of the BTM Sewer District as adopted by the Commissioners, and upon indemnifying and saving harmless the County from all loss or damage occasioned by the performance of the work undertaken. The licensee agrees that fifteen (15) days prior to the cancellation or loss of bonding Surety Company that the Authority will be notified in writing by certified mail.
5. He shall submit with his application a current Workers Compensation certificate and that he has public liability, property damage and automobile insurance covering any and all claims for damages for personal injury, including accidental death as well as from claims for property damages which may arise from his operation or those of his subcontractors as a sewer builder licensed by the Authority. The amounts of such insurance shall be in an amount not less than \$500,000 for injuries including accidental death to any one person and subject to the same limit for each person, in an amount not less than \$500,000 in one accident and property damage insurance with limits of \$200,000 aggregate for any such damage sustained by two or more persons in any one accident. The policies shall contain the following provisions:

“The company agrees that prior to the cancellation or reduction of the insurance afforded by this policy with respect to the work performed as a sewer builder, licensed by BTM, written notice of such cancellation or reduction will be mailed to the Superintendent of Sewerage at least fifteen (15) days prior to cancellation by certified mail.”
6. A licensed sewer builder is expected to protect property owners by providing proper affidavits to the property owner that all labor and material costs incurred doing the owner’s work have been paid prior to receiving payment from the owner. Failures in this regard will be considered in licensing by the County. An affidavit that all labor and material costs incurred by the sewer builder during the preceding year have been paid shall be submitted annually by the sewer builder with his application for a license.
7. The sewer builder is expected to exercise close supervision over the work being performed under his license. If, occasionally, the sewer builder is not able to be present, he must have a thoroughly competent and capable foreman in charge of the work. If the sewer builder wishes to maintain various crews he must select competent foremen who must be named in his application for a license. In all instances when the licensee wishes to subcontract with the permission of the Authority his subcontractor or foreman shall also be licensed.
8. All work completed by the sewer builder shall have a one-year guaranty period. The sewer builder will be responsible to pay for any damages to property or the replacement of broken or non spec material or workmanship, any repairs to said installed equipment

or lines laid. The one-year period begins after all work has been completed, backfilled, seeded, and accepted by the Authority. No cost shall be absorbed by the Authority.

9. Waterline Installer - In order to qualify as a waterline installer, an applicant must be registered with the County Health Department.
10. If any sewer builder shall neglect or refuse to do anything required by these rules and regulations within a reasonable time after receiving written notice from the Authority to do so, the Authority may cause such work to be done and charge the same to the sewer builder and unless such charges are paid, the Authority shall revoke the sewer builder's license. The sewer builder's diligence in making restoration of damaged property, settled backfill or reseeded for which he is responsible, will be considered in continuing the sewer builder's license and in issuing permits to the sewer builder.
11. In the case of paving or sidewalks that are damaged or removed in the laying of any house drain or in doing other work specified under these rules or that shall need repair or renewal within one year after the completion and approval of such work, the owner shall upon receiving notification in writing from the Authority of the necessity for such repairs or renewal, immediately perform or have performed the work called for in such notification. Upon failure of such owner to do the work within a period of ninety six (96) hours after such notification, the Authority may cause such work to be done either by contract with some capable person, without advertising, or by such other arrangements as may be most convenient and satisfactory, and the bill for the entire cost of the same shall be rendered to the owner who shall be liable for and shall pay such bill at once.
12. The Company name shall appear on the license.
13. A copy of the license shall be available on the job site at all times.

SECTION 5 - Inspection

1. A minimum of forty-eight (48) hours notice must be given the BTM Sewer District Inspection Department before any construction work requiring inspection is started. If a forty-eight (48) hour notice is not given to the Department, inspection may not be scheduled.
2. Any work scheduled for inspection and not ready for inspection at the scheduled time will necessitate rescheduling through the Department Office and the related charges of mileage and labor associated with the inspector's mobilization to the job site will be charged to the license holder.
3. Any work scheduled and started on one day and not completed or not canceled on that same day will be considered scheduled for completion on the following working day.
4. All work shall be done in the presence of an authorized inspector representing the Authority. Any work covered previous to the inspection shall be uncovered by the sewer builder and an opportunity must be given to inspect the inside as well as the outside of the sewer pipe. The actual tapping of a connection into the sanitary sewer and the connection at the house shall be done only in the presence of an inspector. All materials

and workmanship shall be in strict accord with the sanitary sewer specifications of the Authority governing such work.

5. The Superintendent shall approve the quality of all materials and workmanship, and shall have the right to inspect the same at all times. He may order removed from the job any inferior or defective material, and he may cause to be relaid any portion of a house connection which is not laid to his satisfaction. Refusal to carry out the instructions of the Superintendent or his inspector will result in his recommending revocation of the sewer builder's license to the Authority. The Superintendent shall have free access to all buildings and fixtures therein connected to the sanitary sewers to inspect such fixtures. The Superintendent in any duty prescribed by these rules and regulations, may act through properly authorized representatives.
6. The Superintendent shall allow or disallow the use of any material for house connections or sanitary sewer mains as he is authorized by the Authority, and he shall have the authority to make a change in materials authorized for use in systems under his jurisdiction at any time.
7. The sanitary sewers shall be used for all water borne wastes from water closets, urinals, lavatories, normal kitchen, bathroom and laundry fixtures, refrigerators, soda fountains, cellar and garage floor drains or other fixtures which may be designated by the Superintendent whether from residences, factories, commercial buildings or enterprises, trailers, schools or other public or private buildings wherever and however located, and for no other purpose except by special written permission by the Superintendent. Wastes from the above sources shall herein after be called sanitary wastes. No such sanitary wastes shall be allowed to enter any storm sewer, storm ditch, water course, stream or pond. No wastes which are likely to cause damage or stoppage of sanitary sewers or which may interfere with the treatment thereof will be permitted to enter a sanitary sewer.
8. In no case may storm, surface or ground water, or water from drainspouts, roofs, cisterns, yard drains, sub-soil drains, foundation drains, or waste material from water motors, cooling water, or excessively hot waters be allowed to enter a sanitary sewer except with the written permission of the Authority
9. Under the supervision of the inspector all vaults, cesspools, and septic tanks shall be pumped out and filled with #57 gravel as soon as they are removed from use. All septage must be disposed of by approved methods.

SECTION 6 - Sewer Requirements

1. A separate and independent building sewer shall be provided for each separate building. The minimum size shall be six (6) inches unless the existing service sewer is smaller.
2. The owner of the premises served by a sewer shall be responsible for the operation and cleaning of the building sewer and service sewer from the building to the point of connection with the local or lateral sewer, and for the repair and reconstruction of the building sewer from the building to the service sewer which terminates at the property line. In the case of gravity services, repair and reconstruction of the service sewer from the property line to the point of connection with the local or lateral sewer shall be the responsibility of the BTM Sewer District. In the case where services are pressure lines,

the property owner shall be responsible for repair and reconstruction from the property line to the point of connection with the main sewer.

3. Service sewers as constructed, as part of new subdivisions shall be installed to a minimum of ten (10) feet inside the property line of each lot.
4. When it becomes necessary to make a tap into the main sewer line, a new wye must be placed in the mainline for 8" sewers. For larger diameter mains, saddles or taps may be used upon approval by the Superintendent. Permission to tap any sanitary sewer line must be given by the Superintendent. Work will be done under the observation of the inspector at the site.
5. The sanitary sewer pipe shall be so laid that the barrel will be supported over its full length on (a) firm undisturbed earth shaped to the bottom quadrant of the pipe with bell holes to receive bells or couplings with at least one inch of clearance below the bottom of the bell, or (b) on a minimum four inch bedding of well compacted sand or excavated material of a granular nature. The house connection sanitary sewer shall be laid so as to be centered in a dry trench of minimum width (1' each side of the pipe plus the pipe diameter) in a straight line with uniform slope. The building sewer shall be constructed of a size and of materials meeting the current specifications of the BTM Sewer District. It shall be laid at a grade no less than the minimum grade of six-tenths (0.6) feet per one hundred lineal feet for a six (6) inch sewer, from the building to the public sewer. A building sewer with a diameter larger than six (6) inches shall be laid at a grade no less than the minimum grade permitted by the current specifications of the BTM Sewer District for the given pipe.
6. Bedding is required on all sewer pipe within a street right-of-way.
7. Granular bedding shall extend to 1 ft. above the top of sewer pipe with a minimum of 4" of bedding required below a sewer pipe.
8. A minimum of 3 feet of cover is required over all the pipe.
9. Building sewers outside of street right-of-ways in suitable soils may be allowed to not use bedding.
10. Hand backfill shall be placed and compacted under and around the pipe in six inch layers to one foot above the top of the pipe. Sand or granular material will not be required for this purpose, but the material used must be free of rocks or stones one or more inches in diameter and be capable of compaction. Frozen, lumpy, saturated, or other non-compatible material will not be acceptable. Material for hand backfill should under no circumstances be dumped on the exposed pipe, but should be moved along the trench. The remainder of the trench may be machine backfilled. Backfill entering the trench must come upon previously placed machine backfill. Direct placement of machine backfill on hand backfill will not be allowed. All excavations in paved areas shall be backfilled with well compacted sand and gravel, or in accordance with the requirements of the road opening permit, if stricter.
11. Any over excavation under sewer pipe shall be backfilled with #57 gravel bedding.

12. Vitrified clay, ductile cast iron, PVC, ABS composite, or PVC composite may be used for service sewers and building sewers in accordance with material specifications on file in the BTM Sewer District or as hereafter amended. Connection of the building sewer to the service sewer at the right-of-way may be made, in the case where dissimilar pipe materials are being joined, with adapter couplings of the flexible coupling type utilizing S.S. bands that meet the requirements of ASTM C564-70, F477-76, C425-77 or C443-85A, as applicable.
13. An exfiltration test shall be performed for each individual house connection sanitary sewer. The allowable rate of exfiltration is 300 gallons per day per inch diameter of sewer per mile of sewer with a minimum height of water of two (2) feet above the highest pipe. As warranted, BTM Sewer District may require any additional testing deemed necessary.
14. All pressure main pipe or buried electrical conduit shall have a sand bedding of 4” and be covered with a minimum of 12” compacted sand cover
 - a. Three inch wide underground tape with the wording “Caution Buried Sewer Line” or in the case of electric lines “Caution Buried Electric Line.” Shall be placed 12” below finished grade.
15. A building sewer may not be installed closer than 10 feet to a water well.
16. The drain layer and the owner of the structure to be connected shall be responsible for assuring that all sanitary discharges, including floor drains, are directed to the sewer.
17. Forty eight (48) hours written notice shall be given prior to the start of any construction so as to allow the Superintendent ample time to schedule an inspector. It is the sewer builder’s responsibility to insure the delivery of this notice. This notice shall state the permit number, street, sub-lot number and anticipated construction time required for the inspection requested. The sewer builder shall immediately inform the Superintendent of any unforeseen delays or postponements prior to 8:15 A.M. of the day for which inspection was arranged. No work shall be performed without the inspector being present.
18. The presence of the Superintendent or his authorized inspector does not relieve the sewer builder of his duty to protect any structures either above, below or at the surface of the ground or should any damage arise due to the negligence of the sewer builder, it shall be his bonded duty to make right any such damage within a period of ninety six (96) hours, or failing this, the Superintendent may cause such damage to be repaired or the damaged property replaced either by contract with some capable person, without advertising or by such other arrangements as may be most convenient and satisfactory, and the bill for the entire cost of the same shall be rendered to the sewer builder who shall be liable for and shall pay the same at once, subject to the revocation of his sewer builder’s license.
19. The Authority is granted the right to enter any and all properties and buildings, public and private, to inspect sewer connections and any appurtenances thereto, to collect samples of wastes, and to test for violations of these rules and regulations.

SECTION 7 - Permits

1. Permits to connect to, open or alter any public sanitary or combined sewer or appurtenance or to install a customer waterline will be issued only to a person, firm or corporation engaged in the business of sewer construction or tapping and possessing a valid Drain Layers License issued by the BTM Sewer District, and also in the case of waterline installation, who provides evidence of registration with the County Health Department. In the case of installation of a customer waterline, permits may also be issued to the customer.
2. No connection with any sewer or repair or removal thereof, or any excavation therefore shall be made without a permit from the Authority. A fee will be charged for any such permit to cover the cost of inspection. This fee may be changed as necessary by the Authority. The sewer builder or the owner shall make written application for each permit. This application shall contain the name and address of the owner, the name of the sewer builder, the location of the property (street and address, allotment or subdivision and subplot number). No permit will be issued unless this information is submitted in writing.
3. Permits shall be kept on the job at all times while the work is in progress.
4. Vaults, cesspools, and septic tanks serving homes shall be subject to the rules and regulations of the Health Department of Carroll County and/or the State of Ohio.
5. Before receiving a permit for any work requiring excavation in any street, highway or road right-of-way, the person desiring to make such excavation shall obtain from the proper authority the required permit for each excavation and shall agree to comply with all the requirements of the issuing authority, or shall obtain a written statement by that authority that no road opening permit is required. This permit shall be shown to the inspector at the commencement of construction and shall be kept on the job at all times while work is in progress.
6. Where a new sanitary sewer main is being built in a street and house connections are included in the contract, the contractor for such main sanitary sewer shall take out application and permits for each and every house connection that he may be employed to lay.
7. A separate and individual sanitary sewer connection shall be made to each building. No connection shall serve more than one building unless specific authority is given by the Authority.
8. No sanitary sewer connection will be made to a house or commercial building for which the rough interior plumbing has not been completed, inspected and approved by the proper authority. The connection between the interior plumbing and the sanitary sewer service connection shall be made at a point approximately three feet outside the foundation wall.

SECTION 8 - Water Requirements. The customer service line must be laid in a separate trench or, under special circumstances, and with the approval of the BTM representative, it may be laid on a ledge on either side of the sewer trench. Said ledge shall be cut into the side of the sewer trench so as to provide a shelf six (6) inches wide of solid firm soil for the entire length of the pipe. The water service line should be laid above the sewer line a minimum vertical separation of 18", measured from its invert to the crown of the sewer. The applicant shall leave the trench open and pipe uncovered until it is inspected and approved by all Approving Authorities.

SECTION 9 - Failure to comply with the requirements in this chapter may result in the revocation or temporary suspension of the appropriate license.

CHAPTER VI 1.0 - INSPECTION

SECTION 1 - Jurisdiction—All sewers which will connect either directly or indirectly into the sewer system and all waterlines which will connect to the water system under the jurisdiction of the BTM Sewer District and which are to be constructed by any person, firm or corporation other than municipalities (hereinafter called “owner”), shall be inspected by, and subject to testing under the supervision of the BTM Superintendent or his designated representatives.

SECTION 2 - Fees—The cost of all inspection performed by BTM Sewer District, shall be at a rate established by the Board of Carroll County Commissioners and shall be borne by the owner responsible for the construction. Said owner is required to deposit with the BTM Sewer District, a sum of money payable to the Carroll County Treasurer in an amount to be determined by the BTM Superintendent for each application, before any construction can commence. The BTM Superintendent will require additional deposits to this fund if the original deposit proves inadequate.

When the BTM Sewer District certifies that no further field engineering service will be required for the improvement, the BTM Superintendent will prepare a voucher in favor of the Depositor refunding any balance remaining in his account.

SECTION 3 - Acceptance—No sewer shall be acceptable to or approved by the BTM Sewer District without its written approval.

SECTION 4 - Notification of Start of Construction

1. The owner shall give forty-eight (48) hours notice to the Inspection Division of commencement of work so that the Inspection Department can be prepared to have the proper number of inspectors on the job. Notification of stoppage of work must also be given.
2. All work must be completed in the presence of and with the approval of an inspector of the BTM Sewer District.
3. All materials and workmanship in connection with any building sewer line or water service to a structure shall conform to the Specifications of the BTM Sewer District, as now in force or hereafter amended.
4. No connection shall be made to any sewer or water line, without a permit from the BTM Sewer District.
5. If the BTM Superintendent deems that any work is improper, he may order all work stopped. Work shall not proceed until the owner has received permission from the Superintendent or his Agent.
6. If any change or modification is deemed necessary in the plans during construction, the Superintendent shall determine whether such change or modification must be resubmitted for approval on revised plans.
7. All work and materials shall adhere to the Specifications of the BTM Sewer District in effect at the time of construction.

8. If any plumber, contractor, drain layer or waterline installer shall neglect or refuse to abide by these Rules and Regulations, the BTM Superintendent may cause such work to be done and charge the plumber, contractor, drain layer or waterline installer for payment of such work. These matters shall be considered in issuing further permits and in the possible suspension, revocation or non-renewal of drain layers or waterline installers licenses, and may also be considered when awarding future projects to the plumber, contractor, drain layer or waterline installer.
9. No provision in this article shall be so construed as to relieve a person, firm or corporation of furnishing all private engineering services necessary in connection with the improvements.

SECTION 5 - Testing

1. All testing must be done in the presence of an inspector of the BTM Sewer District.
2. All sanitary sewers and manholes must be air-tested per the BTM Sewer District's current Specifications for Sewer Line Construction, excluding concrete pipe.
3. All concrete sanitary sewers must be tested by infiltration or exfiltration tests per the BTM Sewer District's current Specifications for Sewer Line Construction.
4. All waterlines must be pressure tested and disinfected in accordance with current specifications.
5. All non-rigid sanitary sewers of 8-inch diameter and greater shall be mandrel tested. This test shall occur a minimum of 30 days after backfill over the sewer has been completed.
6. All sanitary sewers, 8" diameter or larger, must pass internal television inspection. The contractor shall provide complete internal inspection videotape to the BTM Sewer District. The videotaping procedure must be in accordance with BTM Sewer District specifications. Videotaping of non-rigid sanitary sewers shall occur a minimum of thirty (30) days after backfill over the sewer has been completed.

CHAPTER VII - ADMISSION OF INDUSTRIAL WASTES INTO PUBLIC SEWERS

SECTION 1 - Review and acceptance of the Authority shall be obtained prior to the discharge into the public sewers of any industrial waters or wastes having a five day twenty degree centigrade (20°C) BOD content greater than 200 milligrams per liter, or a SS content greater than 250 milligrams per liter per volume of flow.

SECTION 2 - Where required by the Authority to modify or eliminate wastes that are harmful to the structures, processes or operation of the wastewater treatment facilities, the person contributing such wastes shall provide, at his expense, such preliminary treatment or processing facilities as may be determined necessary to render such wastes acceptable for admission to the public sewers.

SECTION 3 - Plans, specifications and any other pertinent information relating to proposed preliminary treatment or processing facilities shall be submitted for approval by the Authority prior to the start of construction, if the effluent from such facilities is to be discharged into the public sewer.

SECTION 4 - No person shall cause the discharge of slugs of water or wastes into the public sewers. Each person producing such discharge into the public sewers shall construct and maintain, at his own expense, a suitable storage and flow control facility to insure equalization of discharge over a twenty four (24) hour period. This facility shall have a capacity as shall be agreed upon by the Authority and the person, and the outlet to the public sewer shall be equipped with a rate discharge controller or other approved device, the regulation of which shall be directed by the Authority.

CHAPTER VIII - CONTROL OF ADMISSIBLE WASTES

SECTION 1 - Each person who discharges industrial or commercial wastes to a public sewer shall, within sixty (60) days of receipt of official notice by the Approving Authority, prepare and file with such authority, a report that shall include pertinent data relating to the quantity and characteristics of the wastes discharged to the public wastewater treatment facilities. Similarly, each person desiring to make a new connection to the public sewer for the purpose of discharging industrial or commercial wastes shall prepare and file with the Approving Authority, a report that shall include actual or predicted data relative to the quantity and characteristics of the waste to be discharged.

SECTION 2 - When it can be demonstrated that circumstances exist which would create an unreasonable burden on the person to comply with the above time schedule, a request for extension of time may be presented for consideration by the Approving Authority who may, if warranted, issue an extension of time.

SECTION 3 - Each person discharging industrial or commercial wastes into a public sewer shall construct and maintain one or more control manholes or access points to facilitate observation, measurement and sampling of his wastes, including domestic sewage. Control manholes or access facilities shall be located and built in a manner acceptable to the Approving Authority. If measuring devices are to be permanently installed, they shall be of a type acceptable to the Approving Authority. Control manholes, access facilities and related equipment shall be installed by the person discharging the waste, at his expense, and shall be maintained by such person so as to be in safe condition, accessible, and in proper operating condition at all times. Plans for the installation of the control manhole or access facilities and related equipment shall be approved by the Approving Authority prior to the beginning of construction.

SECTION 4 - The volume of flow used for computing industrial or commercial waste charges and/or surcharges shall be the metered water consumption of the public water utility. If the person discharging industrial or commercial wastes into the public sewers procures any part, or all, of his water from sources other than the public water supply, all or a part of which is discharged into the public sewers, the person shall install and maintain, at his expense, meters of a type approved by the Approving Authority for the purpose of determining the volume of water obtained from these other sources.

SECTION 5 - In the event that a person discharging industrial or commercial wastes into the public sewers produces evidence satisfactory to the Approving Authority that the total annual volume of water used for all purposes does not reach the public sewer, then the determination of the water consumption to be used in computing the waste volume discharged into the public sewer may be made a matter of agreement between the Approving Authority and the person. In these instances, devices for measuring the volume of waste discharged to the public sewer may be required by the Approving Authority if these volumes cannot be otherwise determined from the metered water consumption records of the public water utility. Metering devices for determining the volume of waste shall be installed, owned, and maintained by the person, at his expense. Following approval for the installation of such devices, and installation, such devices shall not be removed without consent of the Approving Authority. The Approving Authority has the final say in approving what type and the frequency of calibration of any metering device.

SECTION 6 - Industrial or commercial wastes discharged into the public sewers shall be subject to periodic inspection and a determination of character and concentration of said wastes. The determinations shall be made as often as may be deemed necessary by the Approving Authority. Samples shall be collected in such a manner as to be representative of the composition of such wastes. The sampling may be accomplished either manually or by the use of mechanical equipment acceptable to the Approving Authority. Installation, operation and maintenance of the sampling facilities shall be the responsibility of the person discharging the waste and shall be subject to the approval of the Approving Authority. Access to sampling locations shall be granted to the Approving Authority or its duly authorized representatives at all times. Every care shall be exercised in the collection of samples to insure their preservation in a state comparable to that at the time the sample was taken.

SECTION 7 - Laboratory procedures used in the examination of wastes shall be those set forth in "Standard Methods", Section 40, Chapter 1, herein. However, alternate methods for certain analysis of wastes may be used subject to mutual agreement between the Approving Authority and the person. Determination of the character and concentration of the wastes shall be made by the person discharging such wastes, or his agent, as designated by the Approving Authority. The Authority may also make its own analysis of the wastes and these determinations shall be binding as a basis for surcharges.

CHAPTER IX - INDUSTRIAL OR COMMERCIAL WASTE SURCHARGES

SECTION 1 - All persons discharging industrial or commercial wastes into the public sewers shall be subjected to a surcharge, in addition to any other rate or user charge, if those wastes have a concentration greater than the concentrations established in Chapter 2, herein. The amount of surcharge shall reflect the costs incurred by the Authority in removing excess contributions of BOD and SS and other pollutants. Said surcharge shall include a proportionate share of all costs of the operation and maintenance of the wastewater treatment facilities.

SECTION 2 - The excess pounds of BOD and SS shall be computed by multiplying the person's sewage flow volume in million gallons per day by the constant 8.345 and then multiplying this product by the difference between the person's concentrations of BOD and SS and the concentrations established in Section 3, below. This product will then be multiplied by the number of days in the billing period to determine the surcharge. Concentration figures in the above calculations shall be daily averages determined in accordance with the provisions of Chapter 8, herein.

SECTION 3 - The rates of surcharge for each of the before-mentioned constituents shall be:

1. For biochemical oxygen demand (BOD), \$0.09 per pound per volume of flow.
2. For suspended solids (SS), \$0.10 per pound per volume of flow.
3. Daily flow divided by REU, multiplied by the REU charge.

SECTION 4 - The rates of surcharge shall be reviewed annually by the Approving Authority to determine whether or not they are sufficient to defray all costs, as determined from the wastewater treatment facility records. If the difference between the revenues derived from the rates of surcharge and the total annual cost is sufficient to justify an adjustment in the rates, such adjustment shall be made by the Authority.

CHAPTER X - RULES AND REGULATIONS

SECTION 1 - The Approving Authority shall make, or cause to be made, such rules and regulations as may be deemed necessary for the enforcement of the provisions of this resolution, for the determination and collection of the user charges and rates, and for the safe, efficient and economical management and operation of the wastewater collection and treatment facilities. Such rules and regulations, when not repugnant to existing rules and regulations and legislation, or laws of the State of Ohio, shall have the same force and effect as resolutions of the Board of Commissioners of the County of Carroll, State of Ohio.

CHAPTER XI - PROTECTION FROM DAMAGE, VIOLATIONS, AND PENALTIES

SECTION 1 - No 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 BTM wastewater collection and treatment system. A person violating this provision shall be subject to immediate prosecution under charge of disorderly conduct and/or misdemeanor, as appropriate.

SECTION 2 - In the event of damage caused by violation of this resolution, the Authority shall obtain financial reimbursement from such person who may cause such damage, for the purpose of correcting such damage, at no additional costs to the Authority and the users of the public wastewater collection and treatment facilities. These financial charges shall be charged to and applied to a customer's normal sewer bill if not paid within 30 days.

SECTION 3 - Any person, owner, agent, lessee, tenant or occupant who shall violate the provisions of this resolution shall, upon conviction thereof, be fined not more than five hundred dollars (\$500), nor less than one hundred dollars (\$100), for each offense, and a separate offense shall be deemed to have been committed each period of twenty four (24) hours such violation shall continue after a period of thirty days following the original conviction.

SECTION 4 - Whoever violates these regulations shall be fined in accordance with the Ohio Revised Code.

SECTION 5 - Whoever violates these rules, regulations, procedures, and general specifications shall be subject to injunction or other legal actions under the pertinent sections of the Ohio Revised Code.

CHAPTER XII - SANITARY SEWER SERVICE CHARGE, BILLING PROCEDURE, AND INFORMATION

SECTION 1 - The Board of Commissioners has the authority to establish and regularly review the monthly sanitary sewer service charge for each individual connection to any and all sanitary sewerage systems operated and maintained by BTM.

SECTION 2 - Monthly sewer service charges as established by the Board of Commissioners are normally billed to the owner of any property connected to the sanitary sewerage system..

SECTION 3 - When any charge becomes six months or more delinquent it shall be certified to the County Auditor for collection with the taxes due for a particular property and they shall become a lien against the property. All certifications shall be made at least annually.

SECTION 4 - Billing and Delivery—Every account shall be charged and billed separately. There shall be no split billing of any accounts. The BTM Sewer District will deliver bills for sewer and miscellaneous charges by depositing same in the Post Office only as a matter of convenience to the owner. Failure to receive bills shall not relieve any owner from his obligation in the payment of such bills or constitute a claim for discount. It is the property owner's obligation to notify BTM of any change of or error of address.

SECTION 5 - Current bills and delinquent bills not certified to the County Auditor for sewer service charges are payable at the office of the Superintendent of Sewerage or at the location specified on the bills themselves.

SECTION 6 - If a receipted bill is desired, enclose a self-addressed, stamped envelope with your payment.

SECTION 7 - The Office of the Superintendent of Sewerage is open daily from 8:00 a.m. to 3:00 p.m. except Saturdays, Sundays, Holidays and the lunch period.

SECTION 8 - Bill Payment—All payments to the BTM Sewer District shall be in currency or by check drawn to the order of the BTM Sewer District. All checks will be accepted subject to collection at the bank. In the event a check is not honored by the bank and is returned for refund, the account to which payment has been credited will be charged \$20.00 for the additional work required for bank fees, additional collection efforts and handling.

SECTION 9 - Changes of ownership shall not relieve the present owner on file at the County recorder's office from paying any present and past due charges owed upon any account. All charges are applied to a tap and are payable by the present owner or applied under SECTION 3 herein.

SECTION 10 - Creation of an account is made and charges start occurring as soon as the installation of the building drain has been installed and approved by the Authority.

SECTION 11 - Late fees of ten percent (10%) are charged on the balance forwarded on every account. Late fees are calculated on the 20th of the month. All fees must be in the hands of the BTM Sewer District by the 20th or the account will be charged a late fee.

SECTION 12 - When property is sold, all owners of said property must make restitution or provide for payment to the exchanging owners of due, overdue or overpayment of charges without the active interest of the BTM Sewer District. The BTM Sewer District will not refund partial payments. New owners are responsible for all back charges on their said new property whether or not they were the owner at the time charges or penalties were incurred. The BTM Sewer District does not prorate charges.

CHAPTER XII 1.0 - TAP FEES AND ASSESSMENTS

SECTION 1 - Tap Fees—Where the connection is made to that portion of the Sewer System served by trunk or intercepting sewers constructed and available for use, the Superintendent shall not issue a permit until the applicant therefore shall have paid, in addition to the permit charge, a tap fee charge calculated on the basis of a benefited unit of one REU as hereinafter defined.

<u>Type of Use</u>	<u>Use of Benefits (multiplier)</u>
Single family residents	Unit of 1.0
Apartments:	
Efficiency and one and two bedroom	Number of units x .67
Three bedrooms and over	Number of units x 1.0
Bowling Alleys	Number of lanes x .25
Churches / no food service	Number of seats x .015
Factories, industrial establishments	Number of employees x .1 (Design capacity)
Food Service:	
Ordinary restaurant	Number of seats x .18
24-hour	Number of seats x .18
Tavern (limited meal service)	Number of seats x .18
Drive-in	Number of seats and/or stalls x .15
Vending Machine	Number of seats x .2
Hospital / Nursing Home	Number of beds x .6 (Design capacity)
Institutions, resident	Number of persons x .25 (Design capacity)
Laundry, coin-operated	Number of machines x 1.0 (Design capacity)
Mobile Home Parks, Trailers	Number of pads x 1.0 (Design capacity)
Motels, Hotels	Number of rooms x .33
Office Buildings and Banks	Number of employees x .06 (Design capacity)
Schools	Number of pupils, teachers and staff x .05 (Design capacity)
Automotive Service Stations, including gasoline stations & tire centers, with no more than 2 bays; no food and public rest rooms	1.0

Automotive Service Stations, including gasoline stations & tire centers, with more than 2 bays; no food and public rest rooms	2.0
Shopping Centers	Each 1,000 sq. ft. or part thereof of store or building therein not devoted to one of the other uses x .3 (Maximum design - density)
Warehouses	Each 1,000 sq. ft. or part thereof of warehouse or building therein not devoted to one of the other uses x .1 (Maximum design - density)
Swimming Pools	Design capacity number of swimmers x .02
Car Washes:	
Manual	Number of stalls x 1.0
Automatic	Number of stalls x 5.0
Drive-thru, automatic (No recirculation)	17.0 units
Drive-thru, automatic (With recirculation)	9.75 units

In no case shall the Use Benefit calculated above be less than 1.0.

For any use not shown, the number of units shall be determined by the Superintendent by the use of accepted engineering practices and on the basis of anticipated sewage flows from the applicant when compared to a single family residence where the flow of 350 gallons per residence per day will be considered as a unit of one. Additionally, for any use for which an existing wastewater treatment system was in service and which included appropriate evidence of measured water consumption or water treatment metering or for any existing use which has appropriate evidence of measured water consumption, the Superintendent may use that information for the basis of determining use benefits in lieu of the above schedule.

The connection charge under this SECTION 1 shall be calculated in accordance with this schedule by multiplying the number of benefited units by the rate for one REU.

When a user changes the benefit usage of a given property, the user shall pay the difference from the original benefit usage charge (tap fee) and the new tap fee calculated. No refunds will be given for a reduction of tap fees.

The tap fee charge does not include the installation of a lateral sewer (building sewer) to the property line where none was originally installed and paid for; this expense is borne by the installer.

SECTION 2 - Assessments—Where connection is made directly into a trunk, intercepting or lateral sewer and the property to be connected either has not been fully assessed for at least the equivalent cost of constructing an 8-inch lateral sewer, as set forth in the Rules and Regulations on special assessments currently in effect and as adopted by the Board of County Commissioners, or is that of a non participant in a private extension of a public sewer as provided for in Section 307.73, Ohio Revised Code, then the Superintendent shall not issue a

permit. In addition to the charges specified in SECTION 1, a connection charge is calculated as follows:

1. Determine the special assessment which would be levied against the lot or parcel for the cost of constructing lateral sewers under the special assessment policies currently in effect and as adopted by the Board of County Commissioners as of the date the application is made.
2. Determine the partial special assessment, if any, which was in fact levied against such a lot or parcel or, if the lot or parcel has been split since special assessment was levied, determine the pro rate portion of the special assessment applicable to the lot or parcel for which the application for the permit is being made.
3. Subtract the amount in clause 2. from the amount in clause 1. and the result shall be the connection charge under SECTION 2 hereof called assessment charge.

The connection charges established under this SECTION 2 are designed to distribute equitably and to equalize, to the maximum extent possible, the cost of providing sewage facilities and service among all users of the system, to reflect fairly the value to users of the facilities and service so provided, to offset costs incurred by the County and not recovered by special assessments or otherwise, and to assure the adequacy of revenues for the provision of the maximum feasible amount of such facilities and service.

CHAPTER XII 2.0 - SCHEDULE OF CHARGES

SECTION 1 - Schedule

Permit for Sewer or Water Connection		\$ 50.00
Drain Layer/Sewer Builder License (Annual)		\$ 30.00
Inspection (per hour)		\$ 45.00
Holidays, Saturdays and overtime (per hour, with minimum of 4 hours)		\$ 125.00
Disconnection Permit		\$ 50.00
Tap Fee	(1) REU =	\$ 700.00
Assessment	--On file at the BTM Sewer District	
Monthly User Fee	--On file at the BTM Sewer District	
Debt Retirement	--On file at the BTM Sewer District	
Laboratory Testing Fees	--On file at the BTM Sewer District	
Copy of Rules and Regulations		\$ 7.50

CHAPTER XIII - POWERS AND AUTHORITY

SECTION 1 - The Approving Authority and other duly authorized employees bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing pertinent to the discharge of wastes or wastewaters to the public wastewater facilities in accordance with the provisions of this ordinance.

SECTION 2 - The Approving Authority and other duly authorized employees bearing proper credentials and identification are authorized to obtain information concerning industrial and commercial processes which have a direct bearing on the kind and source of discharge to the public wastewater facilities. The industry may withhold information considered confidential if the industry can establish that the revelation to the public of the information in question might result in an advantage to competitors.

SECTION 3 - While performing official work on private properties, the Approving Authority or other duly authorized employees shall observe all safety rules applicable to the premises established by the person, and the person shall be held harmless for injury or death to the public employee, and the Authority shall indemnify the person against loss or damage to such property by public employees and against liability claims and demands for personal injury or property damage asserted against the person and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the person to maintain safe conditions as required herein.

SECTION 4 - The Approving Authority and other duly authorized employees bearing proper credentials and identification shall be permitted to enter all private properties through which the Authority holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the wastewater facilities lying within said easement. All entry and subsequent work, if any, on said easement shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

CHAPTER XIII 1.0 - DISCONNECTION, CONNECTION FREEZE, RECONNECTIONS

SECTION 1 - Disconnection-By the Consumer

1. All owners of buildings, or sites of former buildings which are connected to the BTM Sewer District System and which have not been issued a Razing Permit and have not been sealed according to these Rules and Regulations and the Specifications of the BTM Sewer District, shall be subject to the current sewer usage charges of the BTM Sewer District.
2. There shall be no temporary disconnections or exemptions from the sewer usage charges.
3. Where a valid disconnection is authorized, such disconnection shall be made at the property line. A Disconnection permit shall be obtained from the BTM Sewer District.
4. Disconnection shall be made at the property line nearest the main sanitary sewer and shall be accomplished in a manner to assure that no surface or ground water can enter the system.
5. The disconnection shall be witnessed by a BTM Sewer District Inspector and approved by him prior to backfilling the excavation.
6. The charge for the “Disconnection Permit” shall be as accordance with the current “Schedule of Charges”, on file at the District office.
7. An approved disconnected sewer will continue to be billed the debt retirement charge only.

SECTION 2 - Connection Freeze—In certain instances where existing sanitary sewer lines have reached their design capacity and are unable to convey additional sewage resulting from additional building sewer connections, the Carroll County Board of Commissioners shall impose a temporary connection freeze or prohibition of building sewer connections until the capacity of the existing sewer system can be increased.

SECTION 3 - Reconnection-Sewer

1. Existing building sewers may be used in connection with new buildings only when they are found to meet all the requirements of these Rules and Regulations and the Specifications of the BTM Sewer District upon inspection and testing by said District.
2. The charge for a reconnection permit shall be the same as for a “Permit” for Sewer Connection.

CHAPTER XIII 2.0 Disconnection of Service – By the District

SECTION 1 – Notice

Customer is defined and is synonymous with owner as used in this and any section of the rules and regulations. Service may be disconnected or denied to any existing customer and denied to any new service applicant as stated in this paragraph. In an instance where a customer's service could be disconnected under more than one of the following conditions, the minimum notice provision (which includes no notice) will be provided.

1. No notice is required in any of the following instances:

A. For tampering with any main, service line, meter, curb stop, curb box, seal, lateral, pump station, control box, or other appliance under the control of, or belonging to, the District.

B. For connecting the service line or any pipe directly or indirectly connected to it with any other source of supply or with any apparatus which may, in the opinion of the District, contaminate the District's water supply, sewage system, or threaten the integrity of the system. Connections or tie-ins without the proper permits, inspections, or approvals of the District.

C. For any other violation of or failure to comply with the regulations of the District which may in the opinion of the District or any public authority, create an emergency situation.

2. The customer must be given not less than twenty-four hours written notice before service is disconnected when any of the following conditions exist:

A. For the use of water for any purpose not stated in the application, or for the discharge of any type of sewage not stated in the application, or for the use of either service upon any premises not stated in the application.

B. To prevent waste or reasonably avoidable loss of water or infiltration.

2.1 Personal delivery of the notice to the customer's premise shall first be attempted. If personal notice cannot be accomplished at that time, then the notice shall be securely attached to the premises in a conspicuous manner.

3. The customer must be given not less than thirty days written notice before service is disconnected when any of the following conditions exist:

A. For nonpayment of any charges or fees when due or within any additional period for payment permitted by the District, or for not making a deposit as required.

B. For any violation of, or failure to comply with, the regulations of the District other than stated in paragraph Section 1 (1.) of this rule.

C. For misrepresentation in the application as to any material fact.

D. For denial to the District of reasonable access to the premises for the purpose of reading, inspection, replacement, or maintenance of the meter or plumbing.

E. For violation of federal, state, or local laws or ordinances where such violation affects the provision of utility service by the District.

SECTION 2

A notice of disconnection shall clearly state all of the following:

1. The earliest date when disconnection could occur.
2. The reason(s) for disconnection.
3. The action the customer must take in order to avoid the disconnection.
4. The total amount required to be paid, which shall not be greater than the past due balance.
5. The address and telephone number of the office of the District the customer may contact in reference to his or her account.
6. A statement that failure to pay the amount required by the date specified on the notice may result in an additional charge for reconnection.
7. As applicable, a statement that there is a dishonored payment balance on the account and that the District may deny the customer's use of medical certificates if that balance is not paid.

SECTION 3

In a multiunit dwelling, written notice shall also be placed in a conspicuous place.

SECTION 4

Disconnection of service will be done during normal business hours, except for under paragraph Section 1 (1.) under these rules.

SECTION 5

On the day of disconnection of service, the District will attempt to provide the service address with a personal notice. The District shall provide a personal notice to any person at the service address. If no one is at the location of disconnect, the District shall attach written notice to the premises in a conspicuous location prior to disconnecting service.

SECTION 6

Disconnect fees will be charged for disconnection of service. The District will charge an hourly rate of all personnel and equipment to complete the disconnection in accordance with the current "Schedule of Charges", on file at the District office. The District at its discretion may hire out this work and all applicable cost will be billed to the customer.

SECTION 7

Reconnection of service. No service will be reconnected unless all fees are paid in full, including but not limited to; disconnection, reconnection estimate, late fees, current fees, past fees, inspection fees, and any other charges as may be owed. Reconnection will only be completed under the rules and regulations of the District once payment is confirmed to be good.

CHAPTER XIV - APPEALS

SECTION 1 - All disputes or disagreements arising out of the establishment of the rules and regulations promulgated by this resolution shall be presented to the Approving Authority for resolution in accordance with the laws of the State of Ohio.

SECTION 2 - Such disputes or disagreements must be filed in writing with the Approving Authority within thirty (30) days of such dispute or disagreement.

SECTION 3 - The Approving Authority shall maintain a record of proceedings, including original papers, testimony and evidence offered, heard and taken into consideration, and actions taken by the Approving Authority.

SECTION 4 - The findings of the Approving Authority shall be final but may be reviewed by the Board of County Commissioners, Carroll County, Ohio.

SECTION 5 - The costs of administering, maintaining, and operating said appeals actions shall be included as a cost of the operation and maintenance of the wastewater facilities.

SECTION 6 - All proceedings of said Approving Authority regarding appeals as stated herein shall be governed by applicable laws regulating appeals boards.

CHAPTER XV - POSSIBLE INVALIDITIES AND OTHER AGREEMENTS

SECTION 1 - The several parts of the foregoing rules, regulations, procedures, and general specifications are hereby declared separate and in the event any provision or part hereof shall be declared void and ineffective for any cause, such declaration shall not effect nor render invalid any other provision or part hereof.

SECTION 2 - Nothing in these rules, regulations, procedures and general specifications shall prohibit the Approving Authority from entering into an agreement with any person, firm, corporation or governmental agency for the furnishing of a service or performance of any act not specifically mentioned in these rules, regulations, procedures and general specifications.

CHAPTER XV 1.0 - PRIVATE EXTENSION OF WATER / SEWER LINES

SECTION 1 - Application

1. Private party (hereinafter called the "Applicant") shall file an application with the BTM Sewer District for the construction of Water/Sanitary Sewer Lines, (hereinafter called the "Project") in the District.
2. Such application shall be made on the form supplied for that purpose by the BTM Sewer District.
3. Applicant shall submit to the BTM Sewer District construction plans, drawings, specifications, cost estimates, vehicular traffic plans, and such other documents as may be required for the District's review of the Project.
4. Applicant shall supply the BTM Sewer District with all easements required for maintenance of the lines without charge.
5. Engineering, materials, construction and testing of the Project shall conform with the BTM Sewer District's plans, specifications, rules and regulations.
6. When the BTM Sewer District Superintendent approves all documents submitted and the foregoing SECTION 1, points numbered 1. through 5. have been satisfactorily accomplished, he shall so certify his approval by letter to the Carroll County Commissioners.
7. The Carroll County Commissioners may then grant permission to the Applicant to construct such Project by Resolution, contingent upon the Applicant entering into an acceptable Contract with the County, and fulfilling the requirements of these Rules and Regulations.

SECTION 2 - The Contract shall contain:

1. The Comprehensive General Liability Coverage shall include Completed Operations --- Products Coverage, Personal Injury Coverage, and Contractual Liability Coverage to satisfy the Indemnification Clause included in this Contract. Explosion, Collapse, and Underground Hazards Liability Coverage shall be included in the General Liability Coverage when occasioned by the contractor's sub-surface operations. The Comprehensive Automobile Liability Coverage shall include Non-ownership and Hired Cars Coverage. The minimum limits of liability for all coverage above shall be as follows, unless otherwise specifically required by special provisions in the construction specifications of this Contract:

AMOUNT OF CONTRACT:	UNDER \$50,000	OVER \$50,000 BUT UNDER \$500,000	OVER \$500,000	OVER \$1,000,000
				(1)
Bodily Injury Liability				
Each Person	\$ 100,000	\$ 500,000	\$ 1,000,000	
Each Occurrence	\$ 300,000	\$ 500,000	\$ 1,000,000	
Aggregate	\$ 300,000	\$ 500,000	\$ 1,000,000	
Property Damage Liability				
Each Occurrence	\$ 100,000	\$ 250,000	\$ 500,000	
Aggregate (Except Auto)	\$ 100,000	\$ 250,000	\$ 500,000	
(1) Special conditions will affect limits to be determined. Generally applicable to above ground facilities, not sanitary sewers.				

2. The Contractor shall comply with the Ohio Workmen's Compensation Act for all of his employees engaged in work under this Contract.
3. That the BTM Sewer District shall be reimbursed by the Applicant for its inspection cost as specified in Chapter XI, Section 2.
4. That the Applicant shall provide bond of sufficient amount to compensate the BTM Sewer District for completing the Project if necessary.
5. That upon completion of construction and final approval of the said Project by the BTM Sewer District, said lines shall be conveyed to the District.
6. That, if requested by the Applicant on his original Application, the County shall collect and return to the Applicant a prorated share of the cost of such improvement in any instance where connection is made by a non-participant in the original cost. In order to qualify for reimbursement for the connection of a non-participant, the system constructed by the applicant must include service sewers to the right-of-way line or easement line abutting each non-participant's property. If the applicant requests reimbursement and does not provide a service sewer to any non-participant properties, then the applicant waives his right to reimbursement for those specific locations.
7. That such prorated share shall be based on the frontal footage of improvement to the non-participant for sewer projects, and for water projects, as further modified by the number of non-participants with access to the project. In both cases, such prorated share shall not be in excess of the amount chargeable to such non-participant if he had participated in such improvements and shall not exceed the current BTM special connection charge.
8. That to determine the costs of such project, the Applicant shall provide the BTM Sewer District with certified copies of all payrolls, material, supplies and services used on the project.
9. That the County shall collect and return to the Applicant such prorated shares of the cost for a ten (10) year period from the date of final Project approval by the County, or until such time as the Applicant has recouped his entire cost of construction, whichever shall first occur.

SECTION 3 - Proceeding with the construction of the extension.

1. Upon execution of such Contract, the Applicant shall file a copy of the Application and the Contract with the County Auditor, and shall pay the fee for each such Application (with Contract) filed.
2. A copy of the executed documents required in SECTION 2 shall be filed with the BTM Sewer District prior to commencement of any construction work.
3. When such Application has been approved and Contract completely executed, and both filed with the County Auditor, the Applicant shall be given notice in writing by the BTM Sewer District that he may proceed.
4. All construction shall conform to the approved plans. The applicant or his agent is required to notify property owners along the route of the improvement at least two days prior to start of construction.
5. All construction and testing shall be under the supervision and inspection of the BTM Sewer District.

SECTION 4 - After construction is complete.

1. The Applicant's engineer shall provide the BTM Sewer District with as-built measurements, consisting of one set of plans along with Autocad compatible files, both revised in accordance with the results of construction. Autocad files shall be in accordance with BTM Sewer District specifications and requirements.
2. The costs provided in SECTION 2, 3. shall be paid in full before final approval is given to such Project and use of the facility is permitted.
3. Final approval of the Project and use of the facility shall be contingent upon the Applicant's satisfactory fulfillment of these Rules and Regulations and the terms of the Contract.
4. After the date of final approval of the Project, the BTM Sewer District shall collect a prorated share of the cost of such improvement whenever a non-participant connects as provided in SECTION 2, 6. and 7., and return such share of payment to the Applicant without a charge for such service.
5. A non-participant shall not be issued a connection permit until his share of the cost has been paid to the BTM Sewer District.

CHAPTER XV 2.0 - PROCEDURE FOR PLAN APPROVAL

SECTION 1 - Plan - Physical Format

1. Standard Sheet: Class A - 24" X 36". Profile K & E Plate B. 40 X 30 or equivalent.

Paper and Ink: India or other reproducible ink on linen tracing cloth or equivalent.

Lettering: All lettering 0.125" high or larger.

Title Block: 6" X 3" located in lower right hand corner.

Include: Sewer district, plat name, section, township, engineer's name, seal, signature, sheet number, number of sheets, and scale.

Revisions Block: 4" X 2-1/2" located directly to left of title block with provision for BTM Superintendent to initial any approved revisions.

Scale: Horizontal - 1" = 50' (Preferred)

Vertical - 1" = 5' (Mandatory)

Approval Block located immediately above title block shall include signature lines for:

- a. BTM Superintendent
- b. The applicable City or Municipal Engineer when connection will discharge to a municipal sewage treatment plant.

Sheet Numbering Block to be in lower right-hand corner.

2. A vicinity map shall be provided to show the location of construction.
3. Each set of plans shall have a cover sheet with a key map showing sheet reference numbers.
4. Each sheet shall have a readable North arrow oriented up and/or to the right.
5. Each set of plans shall contain this note: "All sanitary sewers/waterlines (whichever is applicable) and appurtenances shall be constructed according to BTM Sewer District Specifications, in effect at time of construction."

The BTM Superintendent's approval is subject to conditions imposed by the Ohio Environmental Protection Agency. Profiles for sewer/waterlines shall be shown on the same sheet as the plan. The profile shall be below the plan and shall be taken at the pipe invert. The profile shall be lined up under corresponding points on the plan. The existing and proposed grade profile shall be shown on each profile view.

All existing structures in the street or easement shall be shown in both plan and profile. Sizes, location, dimensions and elevations shall be included. These structures include (but are not limited to):

- a. Gas mains
 - b. Electric and telephone conduits
 - c. Storm sewers
 - d. Sanitary sewer line
 - e. Water lines
 - f. All other underground obstacles
 - g. Telephone poles
 - h. Electrical power poles
 - i. Street lights
 - j. All above ground structures which may affect construction
6. Manholes (and/or hydrants) shall be consecutively numbered and, for manholes, from lowest to highest elevation and station numbers shall be noted. Manhole #1 shall be the manhole next upstream when connecting to an existing manhole. Both manhole (or hydrant) and station numbers shall appear on both plan and profile. The length, grade, and size of each span of sewer shall appear on the plan and profile.

The type of pipe material, joints and strength shall be shown on the profile.

The location of all special features such as concrete encasements, siphons, elevated sewers, special cross sections, fittings and valves shall be shown.

Details of all special appurtenances such as manholes, inspection chambers, siphons, regulators, metering devices, elevated sewers, anchors, valves, tees and bends, etc., shall be shown.

7. All subdivisions and Plat Book page shall be clearly marked including lot numbers. All properties abutting the improvement shall be shown for full width and depth.

The ownership of all property not subdivided by a recorded plat shall be shown on the plan, including Deed Book, page and acreage.

All corporation lines with dimensions and other information that will fix the exact location shall be shown. Section, Township, and Range numbers shall be included.

The location, description, elevation, and tie lines of all bench marks used in connection with the project shall appear on each appropriate sheet.

Test borings shall be located where made and the date of those borings shall be shown.

Proposed lines shall be shown as solid dark lines.

Existing water/sewer lines shall be shown as dashed lines.

Existing or proposed streets and all streams or water surfaces shall be clearly shown.

All stream crossings shall be shown with streambed elevation.

8. All service sewers shall extend to the property line in the case of public projects and ten (10) feet inside the property line if constructed as part of a new subdivision.

SECTION 2 - Sanitary Sewer Service Requests

1. A professional engineer, registered in Ohio, shall submit a preliminary plan showing lot layout and overall sewer collection plan.
2. The availability of service for the area for the use intended shall be determined by the BTM Sewer District.
3. Oversize facilities as required by the Master Plan shall be determined.

SECTION 3 - Revisions—Any deviation from approved plans and specifications affecting capacity, flow or operation of units or any other such basic design change shall be approved before such changes are made. These revisions, not included on approved plans, shall be submitted well in advance of construction. “As-built” mylars clearly showing such changes shall be submitted at the completion of the work.

SECTION 4 - Construction Plans - Approval Period—Approved plans are only valid for one year; after that, they must be resubmitted for re-approval.

SECTION 5 - Construction Plans - As-Built Drawings

1. As-built distances must not have any objects, dimensions, elevations, grades, etc., crossed out; they must be erased from the drawing. Flowline and top of casting elevations, distances between manholes and manhole deflection angles are required.

Plugged ends of sanitary sewer and water lines must be located.

All as-built dimensions are to be measured in feet and tenths of a foot.

- a. Dimension lines shall be shown on drawing except where they would add substantial confusion in interpretation. Written dimensions with an arrow pointing to the item being referred to will then be acceptable.
- b. Dimensions shall be from centerline to centerline except for house corners and catch basins.
- c. Written dimensions will be considered at right angles with one another unless noted or shown otherwise.

Measurements shall be on the horizontal unless noted under special circumstances.
Abbreviations will be accepted for the following:

1) Sanitary Manholes	San. M.H.
Catch Basin	C.B.
Curb	C.
Fire Hydrant	F. Hyd.
Directions	N, S, E, W
General Telephone	G. T. E.
Power Pole	P. P.

2. The following will be required on all “As-Built” Drawings:

a. Distances between sanitary manholes (or hydrants) and between sanitary manhole (or hydrant) and the plugged end of the line are to be shown on the plan.

1) Length of span, grade, size of pipe, type and invert elevations will be required in the profile.

a) Length of span may vary $\pm 0.5'$ before manhole location in profile must be changed. The dimension, however, must be marked clearly and correctly.

b) Invert elevations may vary $\pm 0.5'$ before main line in profile must be changed. The elevations, however, must be marked clearly and correctly.

b. All valves, and hydrant valves must be located with a minimum of three dimensions at all locations, two-dimensions of which shall be to property corners, the third being to a physical object, such as a catch basin, manhole, building corner, etc.

3. The following is a list of objects that will be acceptable for “As-Built” dimension references:

a. Fire Hydrant

b. Curb

1) All curb dimensions must be to the back of the curb and must not be to any curb or extended curb lines with a radius.

c. Catch Basin

1) Dimensions are to be to the nearest corner of the steel edge on the street side.

2) The street and/or corner on which the catch basin is located must be indicated.

- d. Sanitary Manholes and/or Storm Sewer Manholes
 - e. Utility pole, if it is to be permanent.
 - 1) When a dimension to a utility pole is used, the description and number of the pole must be given.
 - f. House Corner
 - 1) When a dimension to a house corner is used, the address must be given.
 - g. Corner of a paved drive.
 - 1) House number must be given.
4. As-built drawing submittals shall include one set of mylars and four sets of full-size plans, three sets of 11 x 17 plans, and Autocad compatible file formats on suitable media for use with Windows operating system, in accordance with BTM Sewer District requirements. The current Autocad is 14 and Windows 95 is the operating system. This Department will specify superseded versions as appropriate.

SECTION 6 - Available Capacity—All proposed connections to existing BTM Sewer District Sewer Systems shall include a review of the receiving sewer system to determine the effect of the proposed connection on the hydraulic capacity of the receiving sewer system.

SECTION 7 - County Ownership—Upon acceptance by the BTM Sewer District, all sewerage or water facilities constructed by any person, firm, or corporation, shall be owned, operated, and maintained by BTM Sewer District.

SECTION 8 - Easements—When easements are required, they must be filed with the County Recorder's Office before final approval of the project.

SECTION 9 - Submission of Plans

1. The number of sets of plans to be submitted for review and approval shall be three (3) sets.
2. For the number of sets approved and signed plans to be submitted, add four (4) to the quantities noted in SECTION 9, 1. above. A cover sheet shall be provided for all plans.
3. Once approvals from all applicable agencies have been obtained, plans shall be provided in Autocad 14 compatible file formats on suitable media for use with Windows 95 operating system, and in accordance with BTM Sewer District requirements.

CHAPTER XV 3.0 - MATERIALS AND SPECIFICATIONS

SECTION 1 - Requirements—Shall be equivalent to or shall exceed the materials and specifications approved by the BTM Sewer District kept on file in the BTM Sewer District or as hereafter amended.

CHAPTER XV 4.0 - CONSTRUCTION

SECTION 1 - Requirements—Construction of any sewerage facilities or water facilities that are to be owned and operated by the BTM Sewer District, shall be inspected by and meet the requirements of the BTM Sewer District.

CHAPTER XV 5.0 - TEMPORARY SEWAGE TREATMENT PLANTS

SECTION 1 - Requirements

1. All persons shall be required to enter an agreement with the Carroll County Commissioners for the development of any land in the BTM Sewer District which generates a sewage flow in excess of 40,000 gallons per day and for which a central receiving sewer is not available if a Temporary Wastewater Treatment Plant is to be installed. (Copies of the agreements are available in the offices of the BTM Sewer District). Authority to install a Temporary Wastewater Treatment Plant must be obtained from both Carroll County and the Ohio Environmental Protection Agency.
2. Plant design and installation shall be subject to such requirements as the BTM Superintendent and the Ohio Environmental Protection Agency requires based upon locale, degree of treatment, safety, layout, auxiliary equipment required for proper operation and maintenance, access, and any other items required for an acceptable plant.

CHAPTER XV 6.0 - SEWAGE LIFT STATIONS

SECTION 1 - Requirements

1. Lift stations shall not be used if it is at all possible to connect the proposed sewer line to existing sanitary sewer system by gravity.
2. Developers of lands in the BTM Sewer District, when authorized by the Superintendent, shall provide sewage lift stations.
3. Sewage lift stations shall comply in all respects with the requirements of the BTM Superintendent and/or the Ohio Environmental Protection Agency, based on safety, layout, access, auxiliary equipment required for proper operation and maintenance, or any other item peculiar to that station which may be required in the judgment of the Superintendent and/or the Ohio Environmental Protection Agency.

CHAPTER XV 7.0 - PRIVATE SEWAGE DISPOSAL

SECTION 1 - Requirements

1. Where a public sanitary sewer is not available, the building sewer shall be connected to a private sewage disposal system complying with the requirements of the Carroll County Health Department.
2. The owner shall, at his own expense, operate and maintain the private sewage disposal facilities in a sanitary manner at all times, to the satisfaction of the Carroll County Health Department.
3. It shall be unlawful for any residential sewage disposal facility to be connected to any public sanitary, storm or combined sewer.
4. At such time as a public sanitary or combined sewer becomes available to a property served by a private sewage disposal system, a direct connection shall be made thereto, by and at the expense of the owner, within six (6) months in compliance with these Rules and Regulations and the requirements of the Carroll County Health Department, and any septic tanks, cesspools, and similar private sewage disposal facility shall be abandoned to the satisfaction of the Carroll County Health Department.

SECTION 2 - Disposal of Septic Tank and Holding Tank Wastes

1. No person, firm or corporation shall discharge septic tank or holding tank wastes into any water course or storm sewer.
2. No person, firm or corporation shall discharge septic tank or holding tank wastes into any manhole or other appurtenance of any sewer which discharges either directly or indirectly into the sewage facilities of the BTM Sewer District.

CHAPTER XV 8.0 - RAZING OR MOVING BUILDING

SECTION 1 - Authorization—No unauthorized person shall uncover, disconnect, alter or disturb a public or private sanitary sewer or appurtenance thereof without first obtaining permission from the BTM Sewer District.

SECTION 2 - Requirements

1. Upon the demolition of a structure or the abandonment of an existing sanitary sewer line, the existing or abandoned sanitary sewer line shall be sealed according to the specifications of the BTM Sewer District. The owner of the property on which the abandoned or existing sanitary sewer is located shall notify the BTM Sewer District for inspection to witness the disconnection and the sealing. Disconnection must be made at the right-of-way line.
2. All sanitary sewer line seals shall consist of a concrete plug followed by a water plug followed by a concrete plug or other approved mechanical sealing system.

CHAPTER XV 9.0 - MOBILE HOMES, TRAILERS, PARKS

SECTION 1 - Requirements—Each Mobile Home, Trailer Home, etc., shall be considered as a single family residence or building in all Rules and Regulations of the BTM Sewer District unless otherwise noted or considered by a said Rule and/or Regulation of the BTM Sewer District.

SECTION 2 - Parks

1. Each Park designated as a long-term facility for mobile homes, trailer homes, etc., shall be required to obtain a permit for each pad or space, designated for trailer or mobile home use before connecting to any sewer or appurtenance or waterline thereof of the BTM Sewer District.
2. All connection charges required for any mobile or trailer home shall be paid at the time of issuance of the permit required for said connection.
3. Monthly sewer service charges shall be billed at the maximum designed spaces whether occupied or not.

SECTION 3 - Temporary Parks, Camps—Each Park, Camp, etc., designated as a short-term or temporary facility for mobile or trailer homes, campers, recreational vehicles, etc., shall be required to obtain the approval of the BTM Superintendent before connecting to or discharging into any sewer or appurtenance or connecting to a waterline thereof of the BTM Sewer District.

CHAPTER XVI - GENERAL

SECTION 1 - The several parts of the foregoing rules, regulations, procedures and general specifications of this resolution shall supersede and repeal all such resolutions, ordinances and legislation regulating the use of public and private sewers and drains, private wastewater disposal, the installation and connection of building sewers and drains, the discharge of waters and wastes into the public sewer system; and penalties for violations thereof, pertinent to the BTM Sewer District and it's service area.

SECTION 2 - That it is hereby found and determined that all formal actions of this Board of Commissioners concerning and relating to the passage of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action, were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

SECTION 3 - This resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of said people of the BTM service area and for the further reason that the immediate effectiveness of this resolution is necessary to protect the health of the inhabitants of said service area by insuring that sanitary sewage is disposed of in a proper manner; whereof, this ordinance shall be in effect immediately upon its passage.

PASSED this _____ day of _____, 2001

President, Board of Commissioners
County of Carroll, State of Ohio

ATTEST:

Secretary