

RULES AND REGULATIONS  
OF THE  
WARREN COUNTY  
WATER AND SEWER DEPARTMENT

406 Justice Drive  
Lebanon, Ohio 45036

The following Rules and Regulations are for the information and guidance of all users and potential users of the sanitary sewer and water supply facilities of the sewer districts in Warren County, Ohio, operated by the Warren County Water and Sewer Department under the jurisdiction of the Board of County Commissioners, Warren County, Ohio.

These Rules and Regulations are established under the authority of Sections 6103.02 and 6117.01 of the Ohio Revised Code.

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## SECTION I DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of terms in these Rules and Regulations shall be as follows:

- 1.01      **ASSISTED LIVING DEVELOPMENT**  
A group housing development that provides limited care that is designed for senior citizens or disabled persons who need some assistance but are not sufficiently incapacitated to require care in a nursing home, and that includes private quarters, and the availability of meals, personal assistance, housekeeping aid, assistance with monitoring or management of medications, and nursing visits.
- 1.02      **BIOCHEMICAL OXYGEN DEMAND**  
The quantity of oxygen, expressed in milligrams per liter, utilized in five (5) days at 20 degrees C., in the biochemical oxidation of organic matter under standard laboratory procedure, as prescribed in Standard Methods for the Examination of Water and Wastewater, American Water Works Association, Water Pollution Control Federation and American Public Health Association, 16th Edition.
- 1.03      **BUILDING SEWER**  
That part of the sanitary sewer which connects the plumbing of the house or building to the County sewer. The building sewer begins five feet from the foundation wall.
- 1.04      **BUSINESS MANAGER**  
Business Manager of the Warren County Water and Sewer Department.
- 1.05      **CAPACITY CHARGE**  
The fee charged upon connection to a sewerage system and/or water supply system, or extensions thereof, constructed, or to be constructed, by the County using revenue financing.
- 1.06      **COMBINED SEWER**  
A sewer that receives both surface runoff and sanitary sewage.
- 1.07      **COMPATIBLE WASTES**  
Any waste having a biochemical oxygen demand or pH, or containing a suspended solids or fecal coliform concentration, as well as any additional pollutants identified in the NPDES permit, for which the wastewater treatment plant was designed to treat.
- 1.08      **CONNECTION CHARGE**  
The statutory fee charged, pursuant to Section 6117.02 of the Ohio Revised Code, for the privilege of connecting to the sewerage system of the County. Such a connection shall not be permitted until such charge has been paid in full.

- 1.09 CONSUMERS  
All customers and users of the water supply system or sewerage system, or both, of the County.
- 1.10 COUNTY  
Warren County, Ohio. Specifically, the Warren County Water and Sewer Department.
- 1.11 COUNTY COMMISSION  
Board of County Commissioners of Warren County, Ohio.
- 1.12 DEPARTMENT  
The Warren County Water and Sewer Department.
- 1.13 DEBT SERVICE CHARGE  
A charge used to defray costs associated with capital improvements i.e., principal, interest, coverage, reserves or contingencies (if applicable).
- 1.14 DISTRICT  
The Warren County Water District and/or Warren County Sewer District established by the Board of County Commissioners.
- 1.15 DOMESTIC SEWAGE  
Wastes which are characterized by a per capita discharge of 100 gallons per day at a loading of 200 mg/l BOD and 250 mg/l SS.
- 1.16 EASEMENT  
A grant by the owner of land to the County for a specified use of land for the installation and maintenance of sanitary sewers and/or water mains for an indefinite period of time or as dedicated for public right-of-way.
- 1.17 EQUIVALENT RESIDENTIAL UNIT  
A method or metric of equating the water usage or wastewater generated from a nonresidential (commercial, retail, or public) facility to the average usage of a single family residence. One ERU is the water usage or wastewater generated from a single family home as based on Ohio EPA design guidelines and is established as 400 gallons/day.
- 1.18 FOUNDATION DRAINS  
Sub-surface drains laid around the foundation of a building, either within or outside of the building foundation for the purpose of carrying ground or subsurface water to some point of disposal.
- 1.19 GARBAGE  
Solid wastes from the preparation, cooking and dispensing of food, and from the handling, storage and sale of food products.

- 1.20      **GROUP HOUSING**  
Group Housing means a collective housing arrangement where there is share land, common areas, and community facilities that are built together as a cohesive design, that is owned and operated through a single or central agency.
- 1.21      **INCOMPATIBLE WASTE**  
Any waste which is not a Compatible Waste.
- 1.22      **INDUSTRIAL USER**  
Anyone engaged in a manufacturing or processing activity which results in the discharge to the sewerage system of a trade or process waste as a result of these activities.
- 1.23      **INDUSTRIAL WASTES**  
Liquid wastes from industrial processes as distinct from domestic sewage, resulting from any commercial, manufacturing, or industrial operation or process.
- 1.24      **INSPECTOR**  
A duly appointed representative of the Warren County Water and Sewer Department who is responsible for the enforcement of the specifications and quality of construction.
- 1.25      **MAINTENANCE COST**  
Those costs, including labor, materials, supplies, equipment, accessories and appurtenances required to maintain the capacity and performance during the service life of the sewerage system and/or water supply system for which such facilities were designed and constructed.
- 1.26      **NON-PARTICIPANT (PRIVATE CONSTRUCTION)**  
The fee, representing a prorated share of original cost, charged upon connection to an existing water supply or sanitary sewer system for any property not participating in the original cost of water or sewer improvements constructed pursuant to a private construction reimbursement contract.
- 1.27      **NON-PARTICIPANT (PUBLIC CONSTRUCTION)**  
The fee charged upon connection to an existing water supply or sanitary sewer system for any property not included in the original assessment of benefit or any property included in the calculation of benefit but subdivided after the levy of assessments.
- 1.28      **NPDES PERMIT**  
The National Pollutant Discharge Elimination System Permit as issued by the Ohio Environmental Protection Agency.

- 1.29 OPERATING COST  
Those costs, including labor, materials, supplies, equipment, accessories, and appurtenances required to operate the sewerage system and/or water supply system at the level of performance for which such facilities were designed and constructed.
- 1.30 PERMIT  
Evidence of permission to connect to the water supply or sewerage system.
- 1.31 pH  
The logarithm of the reciprocal of hydrogen concentration. The hydrogen ion concentration is the weight of hydrogen ions, expressed in grams per liter of solution.
- 1.32 POLLUTANT  
Any solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, radioactive materials, heat, and industrial, municipal, and agriculture wastes discharged into water.
- 1.33 PRETREATMENT OR TREATMENT  
The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in sanitary sewage to a less harmful state prior to or in lieu of discharging or otherwise introducing such pollutants into a sanitary sewer. The reduction or alteration can be obtained by physical, chemical or biological processes, or process changes by other means, except as prohibited by 40 CFR Section 4.03.6(d).
- 1.34 PROPERLY SHREDDED GARBAGE  
The wastes from the preparation, cooking and dispensing of food that have been shredded to such degrees that all particles will be carried under the flow conditions normally prevailing in the sanitary sewer, with no particle greater than 2 inch in any dimension.
- 1.35 REPLACEMENT COST  
The aggregate cost of obtaining and installing equipment, accessories, or appurtenances which are necessary during the service life of the sewerage system and/or water supply system to maintain the capacity and performance for which such facilities were designed and constructed. The term "operation and maintenance" includes replacement.
- 1.36 RESIDENCE  
A building or house constructed on any lot, parcel of land or premises and used primarily for dwelling purposes.
- 1.37 SANITARY ENGINEER  
The appointed representative of the County Commission in the Warren County Water and Sewer Department who is a registered professional engineer.

- 1.38      **SANITARY SEWAGE**  
Water-carried wastes from residences, business buildings, institutions and industrial establishments, including without limitation, the washes from water closets, urinals, lavatories, sinks, bathtubs, showers, household laundries, basement floor drains, and garage floor drains.
- 1.39      **SANITARY SEWER**  
A sewer that carries liquid and/or water-carried wastes from residences, commercial buildings, industrial plants, and institutions and to which storm, surface and groundwater are not intentionally admitted.
- 1.40      **SEWERAGE SYSTEM**  
All of the facilities for collecting, pumping, treating and disposing of sanitary sewage to and through the wastewater treatment plant.
- 1.41      **SHALL/MAY**  
SHALL is mandatory. MAY is permissive.
- 1.42      **SINGLE FAMILY RESIDENTIAL**  
A residential living unit that is occupied by just one household or family, and consists of just one detached dwelling unit.
- 1.43      **SIGNIFICANT USER**  
Any industrial user of the sewerage system who (a) has a discharge flow of 25,000 gallons or more per average work day, or (b) has a flow greater than 5% of the flow carried by the sewerage system receiving the waste, or © has in his wastes toxic pollutants as defined pursuant to Section 307(a) of PL 92-500; or (d) is found by the Ohio Environmental Protection Agency to have significant impact, either singly or in combination with other contributing industries, on the wastewater treatment plant or upon the quality of the effluent from the wastewater treatment plant.
- 1.44      **SPECIFICATIONS**  
The construction and material requirements adopted by the County Commission by resolution, as from time to time amended and modified.
- 1.45      **STANDARD INDUSTRIAL CLASSIFICATION (SIC)**  
A classification pursuant to the Standard Industrial Classification Manual issued by the Executive Office of the President, Office of Management and Budget, 1972, as amended.
- 1.46      **STORM SEWER**  
A sewer or drain which carries or disposes of storm and surface waters and drainage, but excludes sanitary sewage and industrial wastes.

- 1.47      **SUPPLEMENTAL SEWER CONNECTION FEE**  
The fee charged upon connection to a sanitary sewer which discharges to a pump station.
- 1.48      **SUSPENDED SOLIDS (SS)**  
Solids that either float on the surface of, or are in suspension in water, sanitary sewage, or other liquids, and which are removable by laboratory filtering.
- 1.49      **SYSTEM CAPACITY CHARGE**  
The fee charged upon connection to a sewerage system and/or water supply system for which transmission and treatment services are provided by another political subdivision under written contract or agreement with the County Commission.
- 1.50      **TAP-IN CHARGE**  
The statutory fee charged, pursuant to Section 6103.02 of the Ohio Revised Code, for the privilege of connecting to the water supply system. Said charge must be paid in full prior to obtaining water service.
- 1.51      **USER**  
Any person, firm, group or corporation that contributes, causes or permits the discharge of sanitary sewage into the sewerage system.
- 1.52      **USER CHARGE (SEWER SERVICE CHARGE)**  
  
That amount paid by each consumer connected to the sewerage system proportionate to the service provided. This charge shall cover all operation, maintenance, and replacement costs for the facilities.
- 1.53      **USER CLASS**  
  
The User Charge System is applicable to the following user classes:
- A.      Commercial User - a private or public enterprise for uses other than as a dwelling, such as retail stores, restaurants, office buildings and laundries.
  - B.      Governmental User - any federal, state or local government user of the sewerage system.
  - C.      Industrial User - any nonresidential user of the sewerage system which is identified in the Standard Industrial Classification (SIC) Manual, 1972, Office of Management and Budget, as amended and supplemented.



- D. Institutional User - any social, charitable, religious or educational user of the sewerage system which discharge primarily sanitary sewage.
- E. Residential User - any residential user of the sewerage system, such as homes, apartments, condominiums, and mobile homes.

- 1.54 WASTEWATER TREATMENT PLANT  
Any arrangement of devices and structures used for treating sanitary sewage collected by the sewerage system.
- 1.55 WATER AND SEWER DEPARTMENT  
The Warren County Water and Sewer Department.
- 1.56 WATER SERVICE LATERAL  
That part of the water system which connects the plumbing of a house or building to the water meter.
- 1.57 WATER SUPPLY SYSTEM  
Any or all sources of water supply, pumping equipment, treatment plants, distribution mains, reservoirs, tanks, other equipment and land, rights-of-ways and easements necessary for the proper development and distribution of the supply.

## SECTION II GENERAL CONDITIONS

### 2.01 AUTHORITY

The Ohio Revised Code, Sections 6103.02 and 6117.01, enables the County Commission to adopt rules and regulations governing policies essential to the operation of the Water and Sewer Department.

### 2.02 OWNERSHIP AND CONTROL

The water supply and sewerage systems of Warren County, Ohio, including all appurtenances, are under the operation and control of the County and its authorized agents and employees. Such authority shall include control of all phases and fixtures of the systems to the ultimate point of metered consumption or from the point of usage.

### 2.03 EFFECTIVE DATE

These Rules and Regulations shall be effective on Jan. 9, 1979, the date of adoption of Resolution No. 79-23 by the County Commission. Amendments hereto shall be effective on and from the date of passage by the County Commission of legislation adopting the same. Henceforth, any other rules and/or regulations previously adopted by the County Commission shall be deemed to be replaced and/or declared void.

### 2.04 ENFORCEMENT

These Rules and Regulations shall be enforced by the County or its designated representatives, as directed by the County Commission, in accordance with the Ohio Revised Code.

### 2.05 VIOLATIONS

It shall constitute a violation of these Rules and Regulations for any person, firm, group or corporation, either owner or agent, to tamper with or attempt to use facilities provided by the County without first obtaining the necessary permits and approvals. Any person, firm, group or corporation, either owner or agent, that knowingly makes any false statements, representations or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to these Rules and Regulations in order to deceive the County shall be held in violation of this resolution and subject to prosecution. Any infraction of the Rules and Regulations shall also constitute a violation hereof.

2.06 PENALTIES

Any person, firm, group or corporation, either owner or agent, committing a violation of these Rules and Regulations shall be subject to revocation or suspension of permits or licenses and shall be guilty of a misdemeanor and subject to a fine in accordance with the Ohio Revised Code, particularly Sections 6103.99 and 6117.99. In addition, the violator of these Rules and Regulations shall be liable and responsible for any and all damages incurred as a result of the violation. Any violation of any section of these Rules and Regulations for which no penalty is specifically provided shall be punishable by a fine of not more than two hundred dollars (\$200.00), with each day or act of violation considered a separate offense.

2.07 JURISDICTION

These Rules and Regulations shall be made applicable to all persons within the sewer districts and water districts as established and amended by the County Commission and to any other persons receiving either sanitary sewer or water service from systems operated by the County.

2.08 AGREEMENT

All persons, their successors and assigns, obtaining a permit from the Water and Sewer Department accept and agree to be bound by these Rules and Regulations.

2.09 PERSONNEL

Employees of the Water and Sewer Department whose duties require entrance upon private property or into private premises shall be equipped with proper credentials as the County may deem necessary to identify them as agents of the County. Such authorized employees shall have access to the premises, at reasonable hours, to examine fixtures, record water consumption and investigate the manner of water usage and/or the quality of wastes generated and discharged to the sanitary sewer. Should access for the purposes outlined above be denied any employee, water and/or sewerage services shall be discontinued and not restored until such time as access is granted.

2.10 SEVERABILITY

If any provision, paragraph, word, section or article of these Rules and Regulations is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words, sections, and chapters shall not be affected and shall continue in full force and effect.

## SECTION III WATER SYSTEM

### 3.01 GENERAL

- a. No physical connection shall be maintained between any source of water or liquid and the County water supply system. No spigot or outlet shall be physically connected to a drain or sewer.
- b. A separate and individual water service lateral shall be provided to each single family unit or commercial building, with each such service lateral being metered. No lateral shall serve more than one building unless specific authority is given by the Water and Sewer Department.
- c. Electrical grounding of D/C sources shall not be permitted on the water supply system or any private extension thereof.
- d. The County will perform all maintenance on the public water supply system, including the water service lateral from the water main to the meter/curb box, whichever is closest to the water main. The installation and maintenance of the water service lateral from the meter/curb box to the structure to be served is the property owner's responsibility.
- e. The County shall levy a charge for any service requiring a special call to a property. All current fees and charges for the various services performed are outlined in Section VIII herein. These charges and fees are subject to amendment by the County Commission and are not to be construed as being fixed for an indefinite period of time.
- f. It shall be unlawful for anyone to sell, or otherwise furnish to another, water obtained from the County, except persons specifically permitted to do so by the Water and Sewer Department.

### 3.02 WATER METERS

- a. A separate and individual water service lateral shall be provided to each building and each such lateral shall be metered. The meter pit for each housing, business or commercial unit shall be located outside the unit at a location approved by the Sanitary Engineer. The consumer shall be responsible for all water usage recorded by such meter.
- b. Water meters (up to and including 2" in size) shall be furnished to consumers by the County upon payment of the necessary fees and charges as listed in Section VIII or IX herein and upon compliance with the applicable provisions of Sections V and VI herein. Water meters larger than 2" must be provided by

the consumer in accordance with County specifications, subject to payment of the fees and charges as listed in Section VIII or IX herein and upon compliance with the applicable provisions of Sections I and VI herein.

- c. It shall be the responsibility of the property owner to keep his meter pit at grade with the ground surface and accessible at all times. Failure to comply with this requirement shall be cause for discontinuance of water service until such time as compliance is effected. The property owner shall conform to any written instructions from the County as to the grade of his meter pit and the County shall be indemnified against any damages or expenses occasioned it by reason of the meter pit being above or below grade. The cost of any repairs made necessary by negligence or abuse on the part of the property owner shall be charged to said owner.
- d. Each water service lateral two (2) inches in diameter or larger shall be provided with a meter bypass. The bypass must be valved so that it can be sealed to prevent its use by anyone except County personnel.

### 3.03 METER TESTING

- a. Upon request, the County will test any of its meters and guarantee its accuracy against any overcharge within five percent (5%). A proper refund shall be made if the test verifies that the consumer has been overcharged. In order to protect the County against unreasonable demands for this service, a charge shall be made if the test verifies that the meter is registering properly. The charge for this service is listed in Section VIII.

### 3.04 FIRE SERVICE

- a. Except in the case of emergencies, no person, except an authorized agent of a fire department or the County, shall use any fire hydrant or any part thereof, or take any water from said hydrant for any purpose without the applicable permit from the County.
- b. Temporary fire service connections may be made upon submission of a written application for such service and approval of the plans for such a connection by the County.
- c. If a fire hydrant is damaged by any person, he shall be responsible for all costs and expenses incurred by the County in making the necessary repairs and corrections.

- d. No private fire hydrant shall be set without the inspection and approval of the County.
- e. Private fire service inside buildings shall be equipped with approved meters. Construction of a private interior fire service cannot proceed until plans therefore have been filed with the County and written permission for construction thereof received.
- f. Each housing, business or commercial unit having privately owned and maintained fire service mains and hydrants shall be charged an "Availability Fee" for such service as specified in Section VIII.

### 3.05 MAINTENANCE AND REPAIR

- a. The County shall have the right to shut off water service for repairs, extensions, tests, improvements or whenever necessary. Whenever possible and as time permits, all consumers will be notified prior to the interruption of service.
- b. The County shall maintain all water mains in dedicated public easements or rights-of-ways. Water mains that do not lie within public easements or dedicated rights-of-ways shall be maintained by the property owner(s) and, in the event of problems, service shall be discontinued until repairs have been completed to the satisfaction of the County.
- c. A break or leak occurring in any water service lateral between the water main and the meter pit shall be repaired as soon as possible by the County at its own expense. The owner will be required to pay all costs of repair to the water service lateral from the meter pit to the structure.
- d. The County shall not be responsible for breakage of pipes or valves occurring during the removal or installation of meters.
- e. Damage to any equipment or facilities of the water supply system resulting from an improper connection within a structure shall be the responsibility of the consumer and the cost of repair thereof shall be charged to the owner.
- f. If a water service lateral from the water main to a meter pit is severed, the entire lateral must be replaced. No repairs to the existing service lateral shall be permitted. The contractor shall be responsible for all costs associated with the installation of the new water service lateral, the water lost and the expenses incurred by the County as a result of the damaged lateral.

### 3.06 TAMPERING WITH THE SYSTEM

- a. No person other than an authorized agent of the County may connect to any portion of the water supply system, tamper with or remove any meter, seal, or parts thereof, or insert a meter by-pass without permission of the County. Any of the above shall constitute a tampering violation, which carries the penalty provided in Section 6103.99 of the Ohio Revised Code, and shall also constitute due cause for discontinuance of water service.
- b. If the County finds that a meter seal has been broken, a connection installed ahead of the meter, or any by-pass inserted, or there is evidence that the meter has been tampered with, the water will be shut off and will not be turned on again until the consumer or owner of the premises pays for the estimated quantity of water which has been used and not registered and, in addition, pays a fee for turning on the water. The criminal laws of the State of Ohio provide severe penalties for tampering with water meters, meter seals, valves and other devices in the water supply system. The penalties herein provided are in addition to the penalties provided by the criminal laws of the State of Ohio, and the payment of penalties herein mentioned will not in any way relieve any person from prosecution.
- c. No person shall unlawfully secure a supply of water through a corporation stop, valve, or other device after it has been closed due to the violation of any of these Rules and Regulations, without first having secured the necessary permit from the County.

### 3.07 GUARANTEE OF SUPPLY

- a. The County does not guarantee a continuous supply or fixed pressure of water but will, in the case of interruption of service, endeavor to notify affected consumers.
- b. Persons or entities maintaining operations dependent upon a continuous supply or fixed pressure of water should maintain a sufficient storage of water to operate for a reasonable length of time.
- c. In case of a serious fire or water shortage, or when for any cause it is necessary to conserve the water supply by limiting the use thereof, such an order shall be made by the County Commission and shall be obeyed by all consumers of water affected by such order. The County shall not be responsible for any damages resulting from any such limited use.

3.08 GUARANTEE OF SERVICE

- a. Temporary shutdowns of the water supply by the County may be necessary for improvements or repairs. Whenever possible, and as time permits, all consumers will be notified prior to the interruption. Should an interruption occur, every reasonable effort will be made to restore service within a reasonable length of time.
- b. The County expressly disclaims any responsibility or liability for damages caused by, or arising from, any interruption of water service.

3.09 FIRE HYDRANT - TEMPORARY CONNECTIONS

- a. Upon issuance of a permit by the County, water may be taken from designated fire hydrants using the meter provided by the County. Prior to the issuance of a permit, a Hydrant Meter Deposit must be posted. The holder of the permit shall be responsible for the hydrant and meter and shall pay the fees and charges specified in Section VIII.
- b. The existing agricultural uses of County water by temporary connections to fire hydrants on a seasonal basis shall be permitted to continue for properties involved in agricultural pursuits to which water is presently being provided on a seasonal basis, subject to the following:
  - i) The rates and charges established for fire hydrant usage shall be applicable.
  - ii) All such usage shall be limited to off-peak hours of 9:00 PM to 9:00 AM.
  - iii) All usage shall be subject to any sprinkling bans or restrictions established by the County Commission.
  - iv) Failure to comply with any of the above conditions shall be grounds for termination of water service.

All such uses shall be permitted to continue on a temporary basis until October 1, 1992 at which time permanent connections to the County's water system must be made. As of the above deadline, seasonal connections to fire hydrants shall not be permitted.

- c. Temporary connections to the water supply system for all seasonal uses to which water service is available but has not been utilized shall not be permitted. Water required for such pursuits must be provided by permanent connections to the water supply system.



### 3.10 SPECIAL USE METERS

- a. Consumers who use large amounts of water for lawn sprinkling, air conditioning, car washing, etc. may realize some savings in sewer user charges by having a separate meter installed to measure such water usage. Since sewer user charges are based upon the amount of water consumed and water used for the above purposes is not discharged into the sanitary sewer system, no sewer user charges will be rendered upon this separate metered use of water. The special water meter must be installed pursuant to the following and the consumer must bear the full cost of such a meter installation and all fees and charges specified in Section VIII shall be applicable.
  - i) Special Use Meters cannot exceed the size of the domestic water service for which tap-in charges have been paid. If a Special Use Meter larger than the domestic water service is desired, additional water tap-in charges shall be applicable.
  - ii) Separate meter must be issued by the County.
  - iii) Special use meter and domestic meter must be installed in common meter box: (for 1" or smaller domestic)
    - Meter Box - 20" x 30" Fratco 40203000 or equal
    - Box Cover and Lid - Ford C-3T or equal
    - Branch Valve Assembly - Ford UVB43-42W or equal
    - Check Valve Angle Coupling - Ford HA34-323, HS34-323 or equal
    - Backflow Prevention Device - Watts No. 7
  - iv) If the domestic water service meter is larger than 1", the Special Use Meter must be installed in a separate meter pit, subject to Service Connection Fees contained in Section 8.01.A.2.
  - v) Special Use Meters larger than 1" must be installed in a separate meter pit, subject to Service Connection Fees contained in Section 8.01A.2.
  - vi) No additional equipment or appurtenances shall be permitted in the meter pit.

3.11 SPRINKLING RESTRICTIONS

- a. For the preservation of public health and safety of the residents throughout the County and for the protection of properties, lawn sprinkling and the unattended use of water shall only be permitted on the following schedule:

EVEN CALENDAR DAYS - EVEN HOUSE NUMBERS

ODD CALENDAR DAYS - ODD HOUSE NUMBERS

- b. The County Commission may declare a Water Emergency and may establish the following additional sprinkling restrictions:
  - i) No lawn sprinkling;
  - ii) No unattended water usage;
  - iii) Trees, shrubbery, flowers and small vegetable gardens - attended hand watering only.

These additional measures may be established as needed to assure that there will be sufficient reserve water to provide minimum water pressure to all customers and reasonable reserves for emergencies.

3.12 VIOLATIONS OF SPRINKLING RESTRICTIONS

- a. Residential Customers
  - i) First Violation - Written Warning
  - ii) Second Violation - Water rate of 200% of base rate for all water used during the bi-monthly cycle that the violation occurs.
  - iii) Third Violation - \$200.00 penalty per equivalent residential unit.
  - iv) Fourth Violation - Court action and/or discontinuance of water service.
  
- b. Builders/Non-Residential Customers
  - i) First Violation - Written Warning
  - ii) Second Violation - Water rate of 200% of base rate for all water

used during the bi-monthly cycle that the violation occurs.

- iii) Third Violation - \$200.00 penalty per equivalent residential unit.
- iv) Fourth Violation - No seed or sod for any home under construction until October 1 of year of violation.
- v) Fifth Violation - Court action and/or discontinuance of water service.

## SECTION IV SANITARY SEWER SYSTEM

### 4.01 GENERAL

- a. No individual sewage disposal system shall be used on a property to which a public sewerage system is available and accessible. When a sewerage system is made available and accessible, any sewage disposal system on such property shall be abandoned within ninety (90) days following the completion of the sanitary sewer and the sanitary sewage shall be discharged directly from the building to the said sewerage system through a properly constructed building sewer. Said connection shall be ordered by the County Commission in accordance with Section 6117.51 of the Ohio Revised Code. Any such abandoned individual sewage disposal system shall be cleaned and filled in accordance with applicable requirements of the Ohio Sanitary Code and the Warren County Health Department.
- b. Connections to a sanitary sewer shall only be permitted where it can be demonstrated to the satisfaction of the County Commission that the downstream sewerage system has sufficient reserve capacity to adequately and efficiently handle the additional anticipated sanitary sewage load.
- c. All water-borne wastes from toilets, lavatories, bathtubs, showers, laundry tubs, washing machines, refrigeration drips, sinks, basement and garage floor drains (with the use of grease traps) etc. shall be discharged into the sewerage system. Any other wastes will be permitted only upon written authorization from the Sanitary Engineer.
- d. No downspouts, surface inlets, foundation drains, subsurface drains or any other source of ground or surface water shall be connected, either directly or indirectly, to any sanitary sewer. Such drains, inlets and downspouts shall be so constructed as to drain or be pumped into the gutter, ditch or storm sewer.
- e. All costs and expenses associated with the installation of the building sewer shall be borne fully by the property owner. The owner shall indemnify the County against any loss or damage that may directly or indirectly result from the installation of the building sewer.
- f. A list of all current charges and fees for the various sewer services performed are specified in Section VIII.

#### 4.02 PROHIBITED WASTES

No person shall discharge, or cause to be discharged directly or indirectly, the following substances, materials, waters or wastes into the sanitary sewer because such wastes can harm either the sanitary sewers, wastewater treatment process or equipment, have an adverse effect on the receiving stream or can otherwise endanger life, health, public property or constitute a nuisance:

- a. Any storm water, surface water, ground water, roof runoff, subsurface drainage (i.e. subsoil drains either under basement floors or around the foundation), uncontaminated water or unpolluted industrial process waters (storm water and all other unpolluted drainage shall be discharged into storm sewers or natural watercourses);
- b. Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the sewerage system. At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the sewerage system (or at any point in the sewerage system) be more than five percent (5%) nor any single reading over ten percent (10%) of the Lower Explosive Limit of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides and any other substance which the County, the State of Ohio or the U. S. Environmental Protection Agency determine to be a fire hazard or a hazard to the sewerage system;
- c. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in a sanitary sewer or other interference with the proper operation of the sewerage system such as, but not limited to: grease, garbage with particles greater than one-half inch (1/2") in any dimension, animal guts or tissues, paunch manure, bones, hair, hide or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, glass grinding or polishing wastes, arsenic, cadmium, chromium, hexavalent chromium, copper, cyanide, lead, mercury, nickel, phenol, phthalate esters, silver, zinc;
- d. Any water or wastes having a pH less than 6.5 or in excess of 9.0 or having any properties capable of causing damage or hazard to structures, equipment, and/or personnel of the County;

- e. Any water or wastes containing toxic or poisonous pollutants which, either singly or by interaction with other pollutants, interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a toxic effect in the receiving waters of the wastewater treatment plant, or exceed the limitation set forth in a Categorical Pretreatment Standard. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307(a) of the Federal Water Pollution Act;
- f. Any noxious or malodorous liquids, gases, or solids which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sanitary sewers for maintenance and repair;
- g. Any waters or wastes containing phenols or other taste or odor producing substances in such concentrations exceeding limits which may be established by the County as necessary to meet discharge parameters prescribed by the State, Federal or other public agencies of jurisdiction;
- h. Any liquid or vapor having a temperature higher than 150 degrees Fahrenheit (65 degrees Centigrade);
- i. Any water or waste containing fats, wax, grease or oils, whether emulsified or not, in excess of fifty (50) mg/l or containing substances which may solidify or become viscous at temperatures between 32 degrees Fahrenheit (0 degrees Centigrade) and 150 degrees Fahrenheit (65 degrees Centigrade);
- j. Any substance which may cause the wastewater treatment plant's effluent or any other product of the wastewater treatment plant such as residues or sludges to be unsuitable for reclamation and reuse or to interfere with the reclamation process;
- k. Any wastewater with objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions;
- l. Any pollutants, including oxygen demanding pollutants (BOD, etc.) released at a flow rate and/or pollutant concentration which will adversely affect the operation of the sewerage system. In no case shall a slug load have a flow rate or contain concentration or qualities of pollutants that exceed for any time period longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration, quantities, or flow during normal operation;
- m. Any wastewater containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the County in compliance with applicable State or Federal regulations;

- n. Any wastewater which causes a hazard to human life or creates a public nuisance;
- o. Any wastewater which may cause the receiving wastewater treatment plant to violate any parameter of its NPDES permit.

#### 4.03 JUDGEMENT OF WASTE QUALITY

If any waters or wastes are discharged, or are proposed to be discharged, to the sanitary sewers, which contain the substances or possess the characteristics enumerated in Section 4.02 and which may have a deleterious effect upon the treatment facilities, processes, equipment or receiving waters, which may cause violations of the County's NPDES permit, or which otherwise create a hazard to life or constitute a public nuisance, the County shall:

- a. Reject the waste;
- b. Require pretreatment to an acceptable condition for discharge to the sewerage system, require control over the quantities and rates of discharge, and require payment of sewer user surcharge to cover the added cost of handling and treating these wastes, as determined by the Sanitary Engineer.

If the pretreatment or equalization of waste flows is permitted by the County, the design and installation of all such facilities and equipment shall be subject to the review and approval of the Sanitary Engineer and the Ohio Environmental Protection Agency. All deviations or waivers from the requirements of this Section shall be approved in writing by the Sanitary Engineer.

#### 4.04 SPECIAL AGREEMENTS

- a. An exception to the rates set forth in Section 8.03 hereof shall be taken in cases where a user discharges an effluent of such character and/or strength into the sewerage system which causes special problems and increases the cost of handling and treating the wastes.
- b. Such users and the County shall negotiate and enter into a written agreement as to the rate to be charged for the treatment of their wastes. In the event that no agreement can be reached as to the rate, upon written notice from the County, such industries shall be required to provide their own waste treatment facilities in accordance with requirements of the Ohio Environmental Protection Agency.

#### 4.05 PRETREATMENT

- a. Users shall provide the necessary facilities to pretreat wastewater to a level acceptable to the County, with such facilities being provided, operated and maintained at the user's expense. Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the County for review, and shall be acceptable to the County prior to the construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facilities as necessary to produce an effluent acceptable to the County under the provisions of these Rules and Regulations. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to and be acceptable to the County prior to the user's initiation of the changes.
- b. No user shall ever increase the use of process water or attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in these Rules and Regulations or in any other pollutant-specific limitation developed by the County or State.
- c. Grease, oil, and sand interceptors shall be provided by non-residential users, when determined to be necessary by the Sanitary Engineer, for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes or other harmful ingredients. The location, type and capacity of all such interceptors shall be approved by the Sanitary Engineer.

#### 4.06 MONITORING FACILITIES

- a. The County shall require to be provided and operated at the user's expense, monitoring facilities to allow inspection, sampling, and flow measurement of the building sewer and/or internal drainage systems. The monitoring facility shall be situated on the user's premises.
- b. There shall be ample room in or near such sampling manhole or facility to allow accurate sampling and preparation of samples for analysis. The monitoring facility and sampling equipment shall be maintained at all times in a safe and proper operating condition at the expense of the user.
- c. The sampling and monitoring facilities shall be provided in accordance with the County's requirements and all applicable local construction standards and specifications.



#### 4.07 INSPECTION, SAMPLING AND ANALYSIS

- a. The County shall inspect the facilities of any user to ascertain whether the purpose of these Rules and Regulations is being met and all requirements are being complied with. County employees whose duties require entrance upon private property or into private premises shall be equipped with proper credentials. Such authorized employees shall be permitted access to the premises, at reasonable times, for the purpose of inspection, sampling, or records examination.
- b. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewerage system and to determine the existence of hazards to life, health and property. The particular application involved will determine whether a twenty-four (24) hour composite of the discharge is appropriate or whether a grab sample should be taken. In most cases, biochemical oxygen demand and suspended solids analyses are obtained from twenty-four (24) hour composites of the discharge and pH is determined from periodic grab samples. The user shall be responsible for all costs associated with any sampling performed by the County.
- c. A monthly report of the quantity and characteristics of any industrial waste discharged into the sanitary sewer shall be presented to the Sanitary Engineer by the owner no later than the 15th day of the month following the reporting period.

#### 4.08 TESTING

All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made by these Rules and Regulations shall be determined in accordance with the October 16, 1975 Federal Register (40 CFR, Part 136), or otherwise by methods approved by the U. S. Environmental Protection Agency.

#### 4.09 ACCIDENTAL DISCHARGE

Each user shall provide protection from the accidental discharge of prohibited materials or other substances regulated by these Rules and Regulations, with such facilities being provided and maintained by the user at his expense. Detail plans showing the proposed facilities and outlining the operation procedures to provide this protection shall be submitted to the County for review and approval prior to the initiation of construction. In the case of an accidental discharge, it is the responsibility of the user to immediately notify the County by telephone of the incident. The notification shall include location of the discharge, type of waste, concentration and volume and corrective action taken.

Within five (5) days following an accidental discharge, the user shall submit to the Sanitary Engineer a detailed written report describing the cause of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which may be incurred as a result of damage to the sewerage system, fish kills or any other damage to person or property; nor shall any notification relieve the user of any fines, civil penalties, or other liability which may be imposed.

#### 4.10 MAINTENANCE AND REPAIR

- a. Temporary interruptions of sanitary sewer service by the County may be necessary for improvements or repairs. Whenever possible, and as time permits, all consumers will be notified prior to such interruption.
- b. The County shall be responsible for the maintenance of the sanitary sewers and building sewers in dedicated public easements or rights-of-ways. Sanitary sewers that do not lie within public easements or dedicated rights-of-ways shall be maintained by the property owner(s), and in the event of problems, service shall be discontinued until repairs have been completed to the satisfaction of the County.
- c. The property owner shall be responsible for the maintenance of building sewers located on private property and/or in private easements, including the building sewer from the structure being served to the public easement or right-of-way.

The County may require the property owner to make any repairs to or perform any maintenance on the building sewer that the County deems necessary for the proper functioning of the sewerage system. If the County is called upon or finds it necessary to repair or maintain any building sewer, the cost of such repair or maintenance shall be billed directly to the property owner.

- d. The property owner shall be responsible for proper operation of the building sewer. If any portion of the building sewer becomes inoperable as a result of the discharge from the structure being served, the property owner shall be responsible for all costs associated with the cleaning of the building sewer from the structure being served to the County's sanitary sewer, including that portion of the building sewer in a dedicated public easement or right-of-way.
- e. The County expressly disclaims any responsibility for damages caused by, or arising from, any stoppage within the sewerage system.

#### 4.11 TAMPERING WITH SEWERAGE SYSTEM

- a. No person other than an authorized agent of the County shall attempt to make any type of connection to a sanitary sewer without permission of the County. To do so shall constitute a tampering violation which carries the penalty provided in Section 6117.99 of the Ohio Revised Code and shall also constitute due cause for discontinuance of sanitary sewer service.
- b. No act shall be permitted that would hamper or restrict in any way the normal function of the sewerage system.

#### 4.12 GUARANTEE OF SERVICE

- a. Temporary interruptions of sanitary sewer service by the County may be necessary for improvements or repairs. Wherever possible, and as time permits, all consumers will be notified prior to the interruption. Should an interruption occur, every reasonable effort will be made to restore service within a reasonable length of time.
- b. The County expressly disclaims any responsibility or liability for damages caused by, or arising from, any interruption of sanitary sewer service.

#### 4.13 DISPOSAL OF SEPTIC TANK AND HOLDING TANK WASTES

- a. No person, firm or corporation shall discharge septic tank or holding tank wastes into any manhole or other appurtenance of any sanitary sewer.
- b. Approved septic tank and holding tank wastes may be discharged at the Lower Little Miami Wastewater Treatment Plant.
- c. All haulers that discharge at the Treatment Plant shall complete County provided paperwork requiring information on the hauler and source of origin for the waste. This paperwork is required for each load that is discharged at the Plant and shall be submitted at the time of discharging.
- d. A fee shall be charged on a per discharge basis for discharges of septic tank and holding tank wastes at the Lower Little Miami Wastewater Treatment Plant. No allowance or adjustment shall be made for partial loads. The charge for this service is listed in Section VIII. Haulers that fail to pay their fees within 30 days shall be prohibited from discharging to the Lower Little Miami Wastewater Treatment Plant.
- e. Applications for the discharge of septic tank and holding tank waste shall be obtained from the County Water and Sewer Department. A separate permit shall be obtained from the Warren County Health Department for each tank

vehicle and shall be displayed at all times on the vehicle. Permits must be renewed annually on or before the first regular business day of each year. The capacity in gallons of each vehicle shall be clearly marked on the side of the tank and each vehicle shall be equipped with a sight tube so that quantities can be readily determined.

- f. Any person, firm or corporation, either owner or agent, violating the provisions of this regulation shall be subject to a penalty of one hundred dollars (\$100.00) per violation. In addition, such person, firm or corporation shall be liable for any expense, loss or damage occasioned by reason of such violation.

#### 4.14 SEWAGE USE METERS

Consumers who use large amounts of water which is not discharged to the sanitary sewer system may realize a savings in sewer user charges by having a separate meter to measure such sewerage usage. This meter must be installed pursuant to the specifications and requirements of the County and the consumer must bear the full costs of the installation, operation, maintenance, repair and annual calibration of such a meter. If the meter becomes inoperable or fails to measure accurately, sanitary sewer charges shall be based upon the amount of water usage measured by the water meter until the sewage meter has been repaired and/or is operating properly and measuring accurately.

#### 4.15 SEWER BACK-UP CLAIMS

- a. For blockages that occur in the sanitary sewer main which cause a sewer back-up into a resident's home in Warren County, the Water and Sewer Department shall investigate a claim by the homeowner, and the Water and Sewer Department may consider a reimbursement, not to exceed \$2,500.00 per event. The reimbursement shall be used to cover an insurance deductible and/or receipts for services or items should the homeowner be uninsured. This policy shall not apply to homeowner's who elect not to make an insurance claim. No reimbursement may be paid without a full release of all claims executed by the homeowner. See Section XIV for a copy of Release of All Claims Form.
- b. If the blockage occurs within a private sewer lateral, the Water and Sewer Department shall have no authority to consider reimbursement.

## SECTION V WATER AND SANITARY SEWER CONNECTIONS, PERMITS AND PROCEDURES

### 5.01 GENERAL

- a. A separate and individual water service lateral shall be provided to each single family unit or commercial building.
- b. A separate and individual building sewer shall be provided to each single family unit or commercial building.
- c. All costs and expenses incident to the installation, restoration and connection of a water service lateral or building sewer shall be borne entirely by the property owner. The owner shall indemnify the County from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer or water service lateral.
- d. All construction must be performed by the property owner or a registered contractor in accordance with the requirements and specifications of the County.

Any person or contractor engaged in the installation of building sewers and/or water service laterals must:

- i) Be registered with the County.
  - ii) Post a surety bond as provided by these Rules and Regulations.
  - iii) Make applications with the County to be registered. Registration must be renewed annually. Application/renewal fees are outlined in Section VIII.
- e. After payment of all applicable Connection Fees and Charges and in compliance with all provisions of these Rules and Regulations, water and/or sanitary sewer service may be initiated to a property during the construction of the structure to which service is to be provided. Upon completion of construction of the structure and at the request of the contractor, the water and/or sanitary sewer account shall be transferred/released from the builder/contractor to the property owner only after a final inspection by Department personnel and approval of the following:
- i) Inside: Sump Pump, Foundation Drains, Plumbing Alterations, Roof Drains, etc.

- ii) Outside: Sump Pump Discharge, Manholes, Meter Pit, Valves, Fire Hydrants, etc.

5.02 PERMITS-NECESSITY

- a. No connection with any sanitary sewer or water main or repair, removal or excavation thereof shall be made without a permit from the County.
- b. A building sewer permit shall only be issued and a sanitary sewer connection shall only be allowed if the downstream sewerage system has sufficient reserve capacity to adequately and efficiently convey the additional waste load to the wastewater treatment plant.
- c. Permits shall be kept and displayed at the construction site at all times while work is in progress.
- d. The issuance by the County of a permit to tap into a sanitary sewer or water main does not relieve the permit holder of the responsibility of securing permits from the proper governing agencies for permission to perform the work in public rights-of-ways that are involved.

5.03 PERMITS-ISSUANCE

- a. A permit must be obtained by the property owner at the office of the Water and Sewer Department, Lebanon, Ohio. A written application must be made for each permit and each application shall contain the name and address of the property owner, the name of the contractor and the location of the property (street and address, parcel or subdivision and lot number).
  - i) Outside Structure  

Prior to the initiation of construction of a water service lateral and/or building sewer, or any repair, alteration or excavation thereof, a Permit must be issued by the County.
  - ii) Within Structure  

Prior to the modification of the sanitary sewer and/or water system within the structure, a Permit must be issued by the Warren County Combined Health District. The Health District must be contacted regarding its requirements and application procedures.
- b. Prior to the issuance of a Permit, the following fees and charges must be paid by the property owner. These fees and charges are subject to amendment by

the County Commission and are not to be construed as being fixed for an indefinite period of time:

- i) A Tap-In Charge (water) or Connection Charge (sanitary sewer) established pursuant to the provisions of the Ohio Revised Code, for the privilege of connecting to the water supply and/or sewerage systems. (See Section IX)
  - ii) A Non-Participant Charge (public construction), if applicable, for a connection to a water supply and/or sewerage system for properties not included in the computation of assessments levied against improved properties for the construction of the original system. (See Section IX)
  - iii) A Non-Participant Charge (private construction), if applicable, for a connection to a water supply and/or sewerage system constructed pursuant to a private construction reimbursement contract. (See Sections IX and X)
  - iv) A Capacity Charge, if applicable, for a connection to a water supply and/or sewerage system, or any extension thereof, constructed by revenue financing. (See Sections IX and X)
  - v) A System Capacity Charge, if applicable, for a connection to a water supply and/or sewerage system, or any extension thereof, for which transmission/collection and treatment service are provided by another political subdivision under written contract or agreement. (See Sections IX and X)
  - vi) A Supplemental Sanitary Sewer Connection Fee, if applicable, for a connection to a sewerage system which discharges to a pump station. (See Sections IX and X)
  - vii) An Inspection Fee to cover the cost of inspection by personnel of the County for the building sewer and/or water service lateral. (See Section VIII)
  - viii) For water services, either a Service Connection Fee or Meter Set Fee, whichever is applicable, to reimburse the County for expenses incurred in providing water service to a property. (See Section VIII)
- c. Permits for building sewers and/or water service laterals within a recorded section of a newly developed area will not be issued until:

- i) Construction of the sanitary sewers and water mains within the development has been completed and approved by the County.
- ii) Verification of "as-built" locations, alignments, depths and verification of grades of all new public water and sanitary sewers has been provided.
- iii) As-built reproducible drawings must be submitted within two (2) months of first connection being made to the water or sewerage systems within a subdivision.

#### 5.04 CONNECTION PROCEDURES

- a. No sanitary sewer connection will be made to a residential unit or commercial building until the structure (i) has been placed under roof [for structures with basements or lower level excavation], (ii) the rough interior plumbing has been approved and the County notified in writing as to such an approval and (iii) all sources of ground or subsurface water from the area of the structure have been drained to an acceptable discharge point.
- b. No water taps will be permitted until the connection into the sanitary sewer has been made, if sanitary sewer service is available.
- c. All construction must be performed by the property owner or a registered contractor in accordance with the requirements and specifications of the County.
- d. All construction must be inspected by authorized inspectors of the County. All construction outside the structure is inspected by the County; all construction within the structure is inspected by the Warren County Combined Health District.

#### 5.05 CONSTRUCTION

##### a. GENERAL RULES

- i) All work shall be inspected and approved by an authorized inspector of the County. Any work covered previous to the inspection shall be uncovered by the contractor and an opportunity provided to inspect the pipe.
- ii) All material, pipe, bends, and equipment needed to properly install the building sewer and/or water service lateral must be on the site prior to the initiation of construction.



- iii) Prior to initiating any work within any right-of-way, the contractor shall obtain from the proper authority the required permit for the excavation and shall comply with all the requirements of the issuing authority. This permit shall be shown to the inspector at the commencement of construction.
- iv) All excavations for building sewer and water service lateral installations shall be adequately guarded with barricades and lights to protect the public from hazard.
- v) All construction must take place between 8:00 A.M. and 4:00 P.M., Monday through Friday. Construction performed on Saturday, Sunday or holidays, if permitted, will necessitate additional inspection fees pursuant to Section VIII.
- vi) The Sanitary Engineer or his authorized agent shall approve the quality of all materials and workmanship and shall have the right to inspect the same at all times. Any inferior or defective material may be ordered from the job and shall be cause for a portion of a water service lateral or building sewer to be replaced and reinstalled.
- vii) If any contractor neglects or refuses to comply with any of the requirements of these Rules and Regulations within a reasonable time after receiving written notice from the Sanitary Engineer to do so, the Sanitary Engineer may cause such work to be performed and the cost thereof shall be charged to the contractor.
- viii) It shall be the property owner's responsibility to properly situate, with respect to location and elevation, any new structure to which sanitary sewer service is to be provided by the County in order to insure that the service desired can be obtained. Detail plans showing the location and depth of the sewerage system are available at the County for review by the property owner.

b. SURETY BOND

- i) All construction must be performed by [i] a contractor who has posted a surety bond with the County or [ii] a property owner who has posted a bond with the County. Said bond must be posted prior to the initiation of construction to guarantee the satisfactory and timely completion of construction, as well as reimburse the County for any damage which may result to the sewerage and/or water supply systems as a result of such construction.

- ii) Any person or contractor engaging in the business of installing building sewers and/or water service laterals shall post a surety bond in the sum of Two Thousand Dollars (\$2,000).
- iii) A One Thousand Dollar (\$1,000) bond must be posted by the property owner installing his own building sewer and/or water service lateral.
- iv) The Warren County Combined Health District must be contacted regarding its requirements for a separate surety bond for sanitary sewer or water system modifications within the structure.

c. BUILDING SEWER

- i) The building sewer for all structures be constructed of a size not less than six (6) inches internal diameter, with a minimum slope of one-fourth (1/4) inch per lineal foot.

Cleanouts must be provided at all changes in grade or alignment. The maximum span shall be one hundred (100) feet between cleanouts.

- ii) The building sewer shall be laid at uniform grade, and in the straightest alignment possible. Prior to the installation, both ends of the building sewer should be exposed and the elevations verified to establish proper grade and to disclose any problems in elevation prior to installation. Changes in direction shall be made only with properly curved pipe and fittings, with all such fittings being less than 45° with at least an eighteen inch (18") separation maintained between fittings. The use of 90° bends shall not be permitted.

- iii) The depth shall be sufficient to afford protection from frost.

- iv) All material and workmanship shall be in strict accord with the Standard Details of the Water and Sewer Department. Generally, the following materials are acceptable for building sewers:

1. Acrylonitrile-Butadiene-Styrene (ABS) Pipe -  
ASTM D-2751 with SDR 23.5 (6")
2. Polyvinyl Chloride (PVC) Pipe -  
ASTM D-3034 with SDR 23.5 (6")  
ASTM D-3034 with SDR 35 (6" Only)
3. Ductile Iron - Class 53 (6")

v) A minimum of four (4) inches of well-compacted sand or gravel bedding must be provided below the pipe to support it over its full length. If rock is encountered, six (6) inches of bedding must be provided. If the material at or below the normal grade of the bottom of the pipeline is unsuitable for foundation, it shall be removed to such depths and widths as the inspector may direct and be replaced with gravel.

vi) The building sewer must be centered in a dry trench of minimum width. The maximum allowable trench width is thirty (30) inches. All excavation shall be kept dry and free of water during installation.

vii) Hand-backfill shall be placed and compacted around and over the pipe in six (6) inch layers to one (1) foot above the top of the pipe. Sand or an approved granular backfill material shall be required for this purpose.

Material for hand-backfill should under no circumstances be dumped on the exposed pipe, but should be moved along the trench by hand. The remainder of the trench may then be machine backfilled. Backfill entering the trench must come upon previously placed machine backfill. All excavation 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.

viii) Approved adapters must be used to connect dissimilar pipe sizes or materials between (a) the building sewer and the sewer lateral provided as part of the street improvements, and (b) the building sewer and the house connection. Only acceptable adapters are permitted and no building sewer shall be installed with non-compatible materials. When a connection is made to a sewer lateral, the cap or plug must be cut off and removed.

The actual tapping of a connection into the sanitary sewer and the connection at the house shall be performed only in the presence of an inspector.

ix) The connection between the interior plumbing and the building sewer shall be made at a point approximately five (5) feet outside the foundation wall.

x) A minimum of one (1) cleanout must be provided on the building sewer to permit future maintenance by the property owner, with the

maximum spacing between cleanouts being one-hundred (100) feet and one cleanout being provided five (5) feet outside the structure to be served.

d. WATER SERVICE LATERAL

- i) The County shall perform all maintenance on the water service lateral from the water main through the meter. The owner shall be responsible for the maintenance and repair of the water service lateral from the meter pit to the structure being served.
- ii) A backflow prevention device must be installed on all water service laterals by the property owner, immediately upon entry to the structure to be served and prior to any connection or usage. The backflow prevention device shall be in accordance with the requirements of the County and the Warren County Combined Health District.
- iii) Each customer shall be provided a pressure reducing valve for installation by the property owner within the structure to be served. It is the property owner's responsibility to maintain, repair and replace the pressure reducing valves as necessary.
- iv) All materials and workmanship shall be in strict accordance with the requirements of the County and the Warren County Combined Health District. Generally, the following materials are acceptable:
  1. The water service lateral for all structures shall be constructed with pipe of a size not less than 3/4" internal diameter. The property owner must determine the size of lateral required to serve the property.
  2. For all structures, the water service lateral from the pit to the structure shall be constructed with Type K copper tubing, Polyethylene 200 p.s.i. tubing or SDR 21 (slipjoint). CTS-OD must be used. Tracer wire must be used with Poly or SDR 21.
  3. The depth of the water service lateral shall be sufficient to afford protection from frost. The minimum allowable depth is forty-two (42) inches.

4. The trench width for the water service lateral should be kept to a minimum and a bedding and initial backfill of at least four (4) inches of sand below and above the pipe must be provided.
- v) The interconnection of a private, individual water source (well or cistern) to the County water system is prohibited. If a property owner maintains a well or cistern, the two water systems must be physically separate. A valved interconnection is not permitted.
- vi) Water service laterals shall be constructed with the following materials:
  - Meter Box - 20" x 30" Carson #0020213 straight wall meter pit or 20" x 30" Old Castle #0020-S
  - Meter Box Lid and Ring - Ford C-3T or approved equal
  - Angle Valve - Ford BA43-332W Pack Joint, Mueller P24258-1, or McDonald 4602 B-22
  - Branch Valve Assembly - Ford UVB43-32W Pack Joint (for use on sprinkler meter installations only)
  - Check Valve Angle Coupling - Ford HA34-323 Pack Joint, Mueller P14269, or McDonald 02-342
  - Corporation Stop - Ford F-1000 Pack Joint, Mueller P15008, or McDonald Mac-Pak Compressions
  - Straight Coupling for Line Repair - Ford C44-33 Pack Joint, Mueller P15403, or McDonald 4758-22

The above specifications list the materials to be provided for 3/4 inch water service laterals. Comparable fittings for larger laterals must be provided, with all materials approved prior to installation.

## 5.06 INSPECTION

- a. The construction of all building sewers and water service laterals must be inspected and approved by an authorized inspector of the County.

Any work covered previous to the inspection shall be uncovered by the contractor and an opportunity provided to inspect the pipe.

- i) The water service lateral and/or building sewer outside the structure must be

inspected and approved by an authorized inspector of the County. Any work covered previous to the inspection shall be uncovered by the contractor and an opportunity must be provided to inspect the installation.

- ii) All work on the water service lateral and/or building sewer within the structure must be inspected and approved by the Warren County Combined Health District.
- b. Twenty-four (24) hours notice shall be given prior to the initiation of any construction in order to permit the scheduling of an inspector. It shall be the contractor's responsibility to insure the delivery of such notice. Such notice shall state the permit number, location of the work to be performed and the anticipated construction time required for the inspection requested. The contractor shall immediately inform the County of any unforeseen delays or postponements prior to 8:00 a.m. of the day for which an inspection is scheduled.
- c. If it is necessary for another inspection to be made to complete the approval of either the water service lateral or building sewer, an additional inspection fee shall be levied. Inspections shall not be scheduled for weekends or holidays.
- d. The presence of the Sanitary Engineer or his authorized inspector does not relieve the contractor of his duty to protect any structure either above, below or at the surface of the ground. Should any damage arise due to the actions or negligence of the contractor, it shall be his bonded duty to correct any such damage within a period of ninety-six (96) hours. Upon the contractor's failure to do so, the Sanitary Engineer may cause such damage to be repaired either by contract, without advertising, or by such other arrangement as may be most convenient and satisfactory. The bill for the entire cost of the same shall be rendered to the contractor who shall be liable therefore and shall pay the same at once.

#### 5.07 FINAL INSPECTION

After payment of all applicable Connection Fees and Charges and in compliance with all provisions of these Rules and Regulations, water and/or sanitary sewer service may be initiated to a property during the construction of the structure to which service is to be provided. Upon completion of construction of the structure and at the request of the contractor, the water and/or sanitary sewer account shall be transferred/released from the builder/contractor to the property owner. At that time, a final inspection shall be conducted by Department Personnel for approval of the following:

- i) Inside: Sump Pump, Foundation Drains, Plumbing Alterations, Roof Drains, etc.
- ii) Outside: Sump Pump Discharge, Manholes, Meter Pit, Valves, Fire Hydrants, etc.

The builder/contractor must correct all deficiencies identified during the final inspection and/or pay all invoices issued for water and/or sanitary sewer service within thirty (30) days of being advised of said deficiencies or being billed for said services. If the builder/contractor

fails to correct all deficiencies or pay the final invoice within the thirty (30) day period, no additional Connection Permits shall be issued to that builder/contractor by the County until either:

- i) The required corrections have been made to the satisfaction of the County and payment in full of the outstanding invoices has been received by the County; or
- ii) A \$500.00 cash bond has been posted to guarantee that the required corrections are made to the satisfaction of the County and payment in full of the outstanding invoices has been received by the County. If the required corrections are made within thirty (30) calendar days, the \$500.00 cash bond will be returned; Builder/contractor must execute the designated Cash Bond Form, a copy of which is included in Section XIV Forms. If the required corrections are not made within thirty (30) calendar days, the County will have the required corrections made and subtract the cost of such corrections from the cash bond and the balance of the cash bond remaining shall be returned.

## SECTION VI TERMINATION AND REINSTATEMENT OF SERVICE

### 6.01 TERMINATION OF SERVICE

- a. By request to the County, any consumer may have water service temporarily or permanently discontinued. The water meter will be removed or the service will be shut off and a final reading will be obtained. Should it not be possible to obtain a final reading, a closing statement will be prepared on the basis of previous usage, pro-rated for the time elapsed since the last reading. Under no circumstances shall the closing statement be less than the minimum charge pro-rated for the usage period. When service is re-established, a turn-on charge will be levied as specified in Section VIII herein.
- b. If a problem occurs on the property owner's side of the meter, water service may be temporarily discontinued until the necessary repairs have been completed. In such cases, the meter valve will be shut off by personnel of the County at the request of the consumer. The charge for such service is specified in Section VIII.
- c. The water service will be turned off and discontinued for nonpayment of water or sanitary sewer service charges. Water service will be re-established during normal business hours only after payment in full of all delinquent charges for water and sanitary sewer service, including penalties and turn-on charges.
- d. Any violation of the provisions of these Rules and Regulations shall be cause for having water service discontinued. Water service will be reinstated only after the correction of the violation and the payment in full of all charges and penalties.
- e. If it is necessary to turn off the water service at the corporation stop, the turn-on charge shall cover all expenses incurred and shall be in addition to the fee specified in Section VIII.



## **SECTION VII BILLING METHODS AND PROCEDURES**

### **7.01 WATER SERVICE CHARGES**

- a. Water service charges shall be billed for any building, enterprise, irrigation/sprinkling system, or residence to which water service is provided, either directly or indirectly.
- b. Water rates shall be in accordance with the rates established by the County Commission. A list of all water service charges and associated billing charges is enumerated in Section VIII.
- c. Water service charges shall be based upon the metered rate of water usage or upon the minimum bi-monthly rate, whichever is greater.

### **7.02 SEWER SERVICE CHARGES**

- a. Sanitary sewer service charges shall be billed for any building, enterprise or residence to which sanitary sewer service is provided, either directly or indirectly.
- b. The sewer rates shall be in accordance with the rates established by the County Commission. Any building not connected to the sanitary sewer within the specified length of time after the availability of the sanitary sewer shall receive a minimum bi-monthly bill. This shall apply only in areas where revenue bonds are issued for the construction of sanitary sewers. A list of all sanitary sewer service charges and associated billing charges is enumerated in Section VIII.
- c. Sanitary sewer service charges shall be based upon the metered water usage or upon the minimum bi-monthly rate, whichever is greater, except as provided in Section VIII.
- d. Sanitary sewer service charges for consumers not served by a metered water supply shall be established at a "flat rate" which will correspond to the average quantity of sanitary sewage discharged into the sewerage system by comparable consumers with metered water services.

### **7.03 OWNER'S RESPONSIBILITY**

- a. Owners of property shall be held responsible for water used and sanitary sewage discharged from their premises. A deposit as provided in Section 7.07a. must be paid in order for statements to be mailed to another designated person or entity, such as a tenant or agent. Account delinquency shall be just cause for terminating services which will be resumed only upon full payment of the applicant's delinquent charges.

If a water and/or sewer account is placed in a tenant's name and a deposit paid, the owner of the property shall not be responsible for the applicant's delinquent water/sewer charges.

#### 7.04 BILLING PERIODS

- a. Meter readings will be taken bi-monthly and as near the same date of the month as is practicable.
- b. Should the County be unable to render bi-monthly bills because of a labor shortage or some other deficiency, the bills may be rendered for a shorter or longer period or billed based on estimated usage, but at the same bi-monthly rate.

#### 7.05 BILLING AND PAYMENT

- a. Bills will be mailed or otherwise delivered by the County bi-monthly to the address of the water and/or sanitary sewer customer as on file with the County. Failure to receive bills for water and/or sanitary sewer service will not relieve the consumer from responsibility for prompt payment.
- b. The due date as stamped on the bill shall be approximately ten (10) working days from the date of billing and shall be the last date for receipt of payment in full without incurring penalty.
- c. Bills shall be paid at the Warren County Water and Sewer Department, 406 Justice Drive, P. O. Box 530, Lebanon, Ohio 45036. The date payment is received at the office of the Water and Sewer Department will be determinative of the time payment is received. If payment is made by mail or is processed automatically by a bank, payment must be made early enough to insure payment is received at the Water and Sewer Department by the due date. Payment must be received by the due date, not postmarked by the due date.
- d. Where bills for water and/or sanitary sewer service are not paid in full on or before the due date stated on the bill, a penalty of ten percent (10%) of the amount due shall be added to the net amount of the bill. The gross amount stated on the bill is the net amount due, plus penalty for late payment. Any partial payment of a bill shall be applied proportionately to all charges within the water and/or sanitary sewer bill. The Office Administrator, Sanitary Engineer, and Business Manager, are authorized to remove a late payment penalty fee from individual customer accounts once every two (2) years. The customer shall request the penalty removal in writing.
- e. Bills remaining unpaid following the due date stated on the bill shall be declared delinquent. The consumer shall be notified by Discontinuance of Service Notice of such delinquency. Unless the bill is paid by the due date stated on the Discontinuance of Service Notice, water service shall be terminated the following day and sanitary sewer service shall be terminated shortly thereafter. In addition, a \$35.00 administrative fee will automatically be applied to all accounts where payment has not

been received by the due date indicated on the notice. The Sanitary Engineer, Business Manager, and Office Administrator are authorized to waive the administrative fee for individual customer accounts once during the entire period in which the customer resides at the current account address. The customer shall request the administrative fee removal in writing.

- f. Water and/or sanitary sewer service shall be re-established during normal business hours only after payment in full of all delinquent charges including rates, surcharges, penalties and turn-on charges. Upon termination of water service, the account balance shall be refunded to the customer, provided the amount is greater than \$3.00. No refund less than \$3.00 shall be made.
- g. If said bill is not paid in full within sixty (60) days of the due date stated on said bill, the delinquent bill may be certified over, together with the accumulated penalty, to the County Auditor for collection at the same time as other taxes and assessments are collected.
- h. The County shall maintain a list of consumers with delinquent bills that could not be certified to the County Auditor for collection. Prior to the establishment of water and/or sanitary sewer service to a consumer, all delinquent charges previously incurred by that consumer for water and/or sanitary sewer service to any property served by the County's water and/or sanitary sewer system must be paid in full.

If it is determined that water service is being provided to a consumer who has outstanding delinquent charges from another property, water service may be terminated if said delinquent charges are not paid in full within thirty (30) days of a bill being issued for said delinquent charges.

## 7.06 ADJUSTMENTS

- a. Bills shall be corrected if the consumer requests a meter test and it is determined, upon testing, that the meter readings obtained are in error. The charges for this service are specified in Section VIII.
- b. Estimated bills will be corrected if the consumer makes a request for correction by the due date stamped on the bill and presents evidence satisfactory to the County that conditions during the period covered by the estimated bill differ from conditions prevailing during the period used as a basis for the bill.
- c. No reduction in sanitary sewer and water service charges shall be made for leaks from a property owner's private water system, except in cases where the leak is underground or from water softeners or for other circumstances where the usage is not subject to detection by ordinary methods and where the owner and other occupants of the premises are free from negligence in causing or failing to report the leak.

The Sanitary Engineer, Deputy Sanitary Engineer, Business Manager and Office Administrator are authorized to make any and all leak adjustments as long as two (2)

agree that an adjustment is warranted and does not exceed the following parameters:

- i) Water charges shall be based on the average seasonal usage for the property plus 50% of the leakage in excess of the average. Sewer service charges shall not be applicable to the water usage above the average seasonal usage for water leaks that do not discharge into the sewer (water spigot, left on hose, etc.).
  - ii) For water leaks that discharge into the sewer system (water softeners and water heaters), sewer charges and water charges will be based on the average seasonal usage for the property plus 50% of the leakage in excess of the average.
  - iii) In the event the bill is more than four (4) times the amount of their average bill, additional consideration for reductions may be made at the discretion of the Sanitary Engineer.
- d. No reduction in water service charges shall be made for leakage from a property owners private water sprinkler system.
  - e. In accordance with Resolution No. 11-0679, adopted on May 17, 2011, the Warren County Sanitary Engineer or their designee is authorized to grant adjustments for unexplained water usage with the condition that an adjustment occur once per service customer. Customers must submit a written request for an adjustment.
  - f. If the premises is found to be utilizing water from the County water system or discharging sanitary sewage or other wastes into the County sewer system without payment of the bi-monthly service charges, the County shall measure or establish the quantity of such water or wastes for the purpose of establishing a proper charge in accordance with Section VIII herein and said premises shall be charged for the total term of the prior usage on the basis of the quantity so determined.

## 7.07 DEPOSITS

- a. Applicants for water service or water and sanitary sewer service must be owners of the property if the water meter is located inside the home or if the water meter is not accessible to Water and Sewer Department personnel. Applicants for water service or water and sanitary sewer service who are not owners of the property or are a builder/contractor for which service is requested shall be required to deposit a fee as determined by the County. Builders/contractors must pay a deposit for each lot at the time of tap fee application. Such charges are listed in Section VIII herein. All deposits shall be kept in a separate fund designated "Service Deposit". The amount of the deposit less any charges due for water and/or sanitary sewer service, shall be refunded to the person who's name the account is in when service is terminated provided the amount is greater than \$3.00. No refund less than \$3.00 shall be made. No interest shall be paid on the deposit. Deposits are not transferable from one service address to another.

Applicants for water service or water and sanitary sewer service who are not owners of the property for which service is being requested for an inspection shall be required to pay a \$10.00 Inspection Turn-On fee in the office prior to the water service being turned on. Applicants should provide 24 hour advance notice of the water turn on and should meet the customer field representative at the residence at the time of the water turn on. The water shall be turned on for no more than 24 hours. If the applicant fails to meet the customer field representative at the service location and the meter indicates that water is running through the meter, the water will be shut off and the applicant will need to reschedule another water turn on and pay an additional \$10.00 fee.

- b. Applicants for sanitary sewer service only must be the owners of the property to which sanitary sewer service is provided. These accounts with the County shall be in the name of the property owner(s) of record in the Warren County Auditor's Office and said property owner(s) shall be responsible for the payment of all fees and charges issued by the County for sanitary sewer service.

For property being purchased under land contract, bi-monthly billings for sanitary sewer service only accounts may be issued to the purchaser of a property, provided the owner of the property so authorizes the County. This authorization must be submitted on forms provided by the County. Also, this authorization does not relieve the property owner of ultimate responsibility for the payment of all fees and charges issued by the County for sanitary sewer service.

- c. In order to re-establish or continue water and/or sanitary sewer service, property owners filing for relief under Chapter 7 of the U. S. Bankruptcy Code must post with the County a deposit equal to twice the average bi-monthly water and/or sanitary sewer service charges for the preceding twelve (12) month period. For properties to which water and/or sanitary sewer service has been discontinued, a turn-on charge and the deposit must be posted prior to the re-establishment of said service; for the continuation of water and/or sanitary sewer service, the property owner must post the required deposit within fourteen (14) days. Failure to pay the deposit shall be cause for the discontinuance of service.

A deposit shall not be required in order to re-establish or continue water and/or sanitary sewer service for property owners filing relief under Chapter 13 of the U. S. Bankruptcy Code.

All such deposits shall be kept in a separate fund designated "Service Deposit". The full amount of the deposit less any charges due for water and/or sanitary sewer service, shall be refunded to the person who's name the account is in when service is terminated.

- d. Under certain circumstances (i.e. water leaks, etc.), a property owner may be required to post a deposit in the amount in excess of the average bi-monthly billing charge as calculated above. However, the difference between the deposit required and the average bi-monthly billing charge shall be refunded to the property owner upon correction of the deficiency which necessitated the additional deposit.

## SECTION VIII SCHEDULE OF CHARGES AND RATES

### 8.01 SCHEDULE OF CHARGES

#### A. CONSTRUCTION CHARGES

##### 1. Inspection Fees:

a)	Water Service Lateral	\$ 150.00
b)	Sewer Service Lateral	\$ 150.00
c)	Re-inspection	\$ 150.00
d)	Re-inspection of maintenance bond punchlist (3 <sup>rd</sup> Inspection)	\$ 200.00
e)	Regular Time - per hour	\$ 20.00
f)	Weekend and overtime inspections - per hour (3 Hour Minimum)	\$ 30.00

##### 2. Service Connection Fees:

a)	3/4" Service, 5/8" Meter	\$ 1200.00
b)	3/4" Service, 3/4" Meter	\$ 1500.00
c)	1" Service and Meter	\$ 1800.00
d)	1-1/2" Service and Meter	\$ 2100.00
e)	2" Service and Meter	\$ 2400.00
f)	Water services and meters larger than 2" must be installed by the property owner. All costs and expenses incident to the installation, restoration and connection of such a water service connection shall be borne entirely by the property owner.	

g) Water services required to be moved by the owner or Rules and Regulations of the County shall be the responsibility of owner. Service relocations will not be performed by County.

3. Meter Set Fees: Fees are for the purchase and installation of water meters only. Tapping of the main, installation of the copper lateral, angle valve, check valve, meter pit and meter set is provided by others.

- a) 5/8" Meter \$ 350.00
- b) 3/4" Meter \$ 400.00
- c) 1" Meter \$ 480.00
- d) 1-1/2" Meter \$ 800.00
- e) 2" Meter \$ 1100.00

f) Meters larger than 2" must be purchased by the property owner. All costs and expenses incident to the installation, restoration and connection of such a water service connection shall be borne entirely by the property owner. All such meters, and the installation of such meters, must be approved by the County.

4. Sprinkler Meter Installation \$ 550.00  
(in existing meter pit)

Fees and charges for services larger than 3/4" and for meters larger than 5/8" shall be calculated by the Sanitary Engineer.

5. Equipment/Personnel Fees

- a) Backhoe & Operator (per hour) \$ 225.00
- b) Vactor & Operator (per hour) \$ 250.00
- c) Laborer (per hour) \$Employee Expense

6. Contractor Registration Fee \$ 25.00  
(Application/Renewal/Year)

B. OPERATION CHARGES

1. Returned Check Charge \$ 25.00



2.	Turn-on (Delinquent Account)	
	a) Water - Day	\$ 35.00
	b) Water - Night	\$ 55.00
	c) Sewer	\$ 700.00
3.	Turn-on per Customer Request	
	a) Water - Day	\$ 10.00
	b) Sewer	\$ 700.00
4.	Service Calls:	
	a) County Problem	No Charge
	b) Consumer Problem - Day	\$ 15.00
	- Night	\$ 55.00
5.	Meter Reread (if original reading correct)	\$ 20.00
6.	Meter Test (if meter accurate)	\$ 45.00
7.	Water Meter Charge (5/8" Meter & Couplings)	\$ 45.00
8.	Filling of swimming pool or cistern	\$ 20.00/ Hour
	+ Water @ Hydrant Rate	
	*\$50.00-Minimum	
9.	Fire Service Availability Fee Bi-Monthly	\$ 80.00
10.	Fire Hydrant Pressure Tests	\$ 30.00
11.	Damaged Water Meter	Costs
12.	Damaged Fire Hydrant	Costs

- |     |   |  |
|-----|---|--|
| 13. | Hydrant Meter:  |  |
|     | a) Meter Deposit  | \$2000.00  |
|     | b) Meter Rental   | \$ 60/Month  |
|     | c) Water Rate - 2024                                      | \$5.05/1000 gal  |
|     | d)  | If the fire hydrant meter is not returned, the meter deposit shall not be returned and a usage charge of \$500 per month shall be applicable (the usage charge shall be in addition to the meter deposit). |
| 14. | Septic Tank Disposal Fee<br>(per load up to 2000 gallons) | \$ 100.00  |
| 15. | Backflow Test Report Processing Fee                       | \$25/Test Report   |

C. DEPOSITS FROM RENTERS

- |    |                                  |           |
|----|----------------------------------|-----------|
| 1. | Water Service                    |           |
|    | a) 5/8" Meter or Equivalent      | \$ 120.00 |
|    | b) 3/4" Meter or Equivalent      | \$ 140.00 |
|    | c) 1" Meter or Equivalent        | \$ 180.00 |
|    | d) 1-1/2" Meter or Equivalent    | \$ 260.00 |
|    | e) 2" Meter or Equivalent        | \$ 420.00 |
| 2. | Water <u>and</u> Sewer Service   |           |
|    | a) 5/8" Meter                    | \$ 180.00 |
|    | b) 3/4" Meter                    | \$ 210.00 |
|    | c) 1" Meter                      | \$ 270.00 |
|    | d) 1-1/2" Meter                  | \$ 390.00 |
|    | e) 2" Meter                      | \$ 630.00 |
|    | f) Sewer (Morrow Customers Only) | \$ 120.00 |

8.02 WATER RATES

- A. Water Rates: The charges for and the amount to be paid for water service, as determined by metering of the water, shall be computed in accordance with the following schedule:

For the minimum amount of usage up to 6,000 gallons per a bi-monthly billing period, the rates will be as follows:

2024	\$30.30
2025	\$32.58
2026	\$34.20

For all usage over the minimum of 6,000 gallons per bi-monthly billing period, the rates per 1,000 gallons shall be as follows:

2024	\$5.05
2025	\$5.43
2026	\$5.70

For every bi-monthly water bill a \$5.00 Replacement & Improvement Fee will be effective January 1, 2024.

Minimum bi-monthly charges and water usages shall apply based on size of meter as follows:

Size of Meter	Minimum Bi-Monthly Charge	Minimum Bi-Monthly Charge	Minimum Bi-Monthly Charge	Gallons of Water
	2024	2025	2026	
5/8"	30.30	32.58	34.20	6,000
3/4"	50.50	54.30	57.00	10,000
1"	101.00	108.60	114.00	20,000
1-1/2"	202.00	217.20	228.00	40,000
2"	505.00	543.00	570.00	100,000
3"	909.00	977.40	1026.00	180,000
4"	1818.00	1954.80	2052.00	360,000
6"	3030.00	3258.00	3420.00	600,000
8"	5555.00	5973.00	6270.00	1,100,000
10"	8080.00	8688.00	9120.00	1,600,000
12"	11615.00	12489.00	13110.00	2,300,000

- B. Sprinkler/Hydrant Rates:

The charges for and the amount to be paid for sprinkler meters installed to measure

water not discharged to the sewer system and hydrant meters shall be computed in accordance with the following schedule:

Sprinkler Meters: Per bi-monthly billing period, or any portion thereof, the rate shall be \$5.00 plus water usage per 1000 gallons as follow:

2024	\$5.05
2025	\$5.43
2026	\$5.70

Hydrant Meters: In addition to deposits and rental fees the rate for water usage per 1000 gallons shall be as follows:

2024	\$5.05
2025	\$5.43
2026	\$5.70

- C. The foregoing are minimum, not maximum charges and the County reserves the right and is obligated to increase the same at any time should the revenues prove insufficient to pay the operation and maintenance expenses and the debt service and reserve charges of revenue bonds issued to construct or to improve the water supply system.

### 8.03 SEWER RATES

- A. Sewer Rates: The charges for and the amount to be paid for sanitary sewer service, as determined by metering of the water, shall be computed in accordance with the following schedule:

For the minimum amount of usage up to 6,000 gallons per single-family equivalent residential unit per bi-monthly billing period, the rates will be as follows:

2024	\$30.00
2025	\$32.10
2026	\$34.32

For usage over the minimum of 6,000 gallons per single-family equivalent residential unit per bi-monthly billing period, the rate per 1,000 gallons of usage shall be as follows:

2024	\$5.00
2025	\$5.35
2026	\$5.72

For the following subdistricts, which are billed on a flat rate basis, the sewer user charge per single family equivalent residential unit shall be as follows:

Subdistrict	<u>2024</u>	<u>2025</u>	<u>2026</u>
Carlisle Bi-Monthly	\$69.96	\$74.86	\$80.10

For every bi-monthly sewer bill a \$2.50 Replacement & Improvement Fee will be effective January 1, 2024.

To allow for water consumption which is not ultimately discharged into the sanitary sewer system, a maximum sewer service charge shall be established on an individual basis for single-family residential customers only. For the April/mid-April-October/mid-October bi-monthly summer billing periods, the maximum sewer service charge shall not exceed one hundred-seventy five percent (175%) of the average consumption for the three/four (partial) previous non-summer bi-monthly periods. The bi-monthly summer billing periods are dependent on the meter reading dates and shall be as follows:

April/mid-April – June/mid-June  
 June/mid-June – August/mid-August  
 August/mid-August – October/mid-October

The average usage for the six non-summer months shall be calculated on the basis of daily average for the period. If the water usage is less than the minimum, the bi-monthly minimum water usage shall be used in the calculation of the non-summer base usage. This daily average shall then be multiplied by the number of days in a billing cycle to calculate each property owner’s non-summer base usage. Each consumer’s average non-summer consumption may differ and shall be adjusted annually. For new services established during or after the non-summer “base” period for which less than three meter readings have been obtained, an average non-summer usage for the area will be calculated and applied to the initial summer period.

- C. Any waste containing BOD, suspended solids, or any other pollutants that are in excess of normal domestic sewage (i.e. 200 mg/1 BOD or 250 mg/1 SS) that is discharged into the sewerage system shall be subject to an extra strength surcharge calculated in accordance with the following formula:

$$C_s = [Bx(B) + S_c(S) + P_c(P)] VU \times 8.33$$

Where:

- $C_s$  = A surcharge for wastewater of excessive strength
- $B_c$  = OM&R cost for treatment of a unit of biochemical oxygen demand (BOD)
- $B$  = Concentration of BOD from a user above a base level

- Sc = OM&R cost for treatment of a unit of suspended solids
- S = Concentration of SS from a user above a base level
- Pc = OM&R cost for treatment of a unit of any pollutant
- P = Concentration of any pollutant from a user above a base level
- Vu = Volume contribution from a user per unit of time

- D. The foregoing are minimum, not maximum charges and the County reserves the right and is obligated to increase the same at any time should the revenues prove insufficient to pay the operation and maintenance expenses and the debt service and reserve charges of revenue bonds issued to construct or to improve the sewerage system.
- E. The sanitary sewer service charge for consumers not utilizing a County water supply shall be based upon the flat bi-monthly charge established pursuant to the above. However, if the consumer feels that the basis for the flat charge is greater than the actual discharge to the sewerage system from the residence or structure, the property owner may install a measuring device to determine water usage. All such devices must be approved by the County and installed at the property owner's expense, in accordance with the requirements of the County. A one (1) year review period shall be established for recording water usage and determining bi-monthly consumption for billing pursuant to the above rate structure and requirements. The County reserves the right to perform periodic testing for adjustment purposes, in consideration of varying conditions for the review period.

In cases where it can be clearly documented that the basis for the flat charge is greater than the actual contribution to the sewerage system, the County Commission may, upon application by the property owner, waive the necessity for a measuring device and grant an adjustment to the flat bi-monthly charge based on water usage for comparable residences under similar circumstances and conditions.

- F. For consumers who have installed sewage meters pursuant to Section 4.14 herein, the bi-monthly sewer service charges shall be based on the measured discharge to the sanitary sewerage system pursuant to the rates established above.

**SECTION IX TAP-IN, CONNECTION, NON-PARTICIPANT (PUBLIC CONSTRUCTION), NON-PARTICIPANT (PRIVATE CONSTRUCTION), SYSTEM CAPACITY, CAPACITY AND SUPPLEMENTAL SEWER CAPACITY CHARGES**

9.01 CONNECTIONS TO WATER SUPPLY

- a. When connections are made to the water supply system, or additional water service is required for a property now or hereafter connected to the water system as a result of an expansion or a change in the nature of the use of the property which results in increased water usage a Tap-In Charge shall be paid. In addition, a Non-Participant Charge, System Capacity Charge, and/or Capacity Charge may be applicable, either singly or in combination.
- b. The lots and parcels of land specifically covered by the Non-Participant Charges, System Capacity Charges and/or Capacity Charges described herein, are set forth and delineated in the offices of the County Auditor and the Water and Sewer Department, to which reference is hereby made for identification purposes.
- c. Prior to the issuance of a building permit, all applicable Fees and Charges must be posted with the Water and Sewer Department. A release will then be issued to the Building Department.

9.02 TAP-IN CHARGE

- a. A Tap-In Charge shall apply to all connections of improved properties, whether residential, commercial, industrial or manufacturing, to the water supply system.
- b. The Tap-In Charges, and all other applicable charges, shall be paid in cash and in full prior to (i) installation of a water service lateral/water meter or (ii) issuance of a building permit by the Warren County Building Department.

Upon payment, a Tap-In Charge, and all other applicable charges, is assigned to a parcel or platted lot. A Tap-In Charge, and all other applicable charges, cannot be reassigned to another parcel or platted lot. Only one Tap-In Charge can be purchased per parcel or platted lot.

- c. The proceeds of the Tap-In Charges shall be held in a separate and distinct fund, designated the "Water System Revenue Fund". Payment from said Water System Revenue fund shall be applied in the following order of priority:

- i) To the conduct, management, maintenance and operation of the water supply system;
  - ii) to the payment of interest or principal of any loan, indebtedness or liability incurred in connection therewith; and
  - iii) any surplus thereafter remaining may be applied to the enlargement, replacement or extension of the water supply system.
- d. Except where a System Capacity Charge is applicable, a Tap-In Charge shall be charged for all connections to any water supply system and for the additional water service requirements for a property now or hereafter connected to the water system as a result of an expansion or change in the nature of the use of the property which results in increased water usage.

i) Single Family Residential The Tap-In charge for single family residential dwelling units shall be as follows:

	<b>4/1/2024</b>
Single Family Residential Unit	\$5,000.00

ii) Multifamily Residential Developments The Tap-In charge for multifamily customers including, but not limited to apartments, condominiums, landominiums, and cottages shall be based on the meter size of the water service lateral serving the property, as set forth below, or the number of single-family residential (SFR) units with each dwelling unit assigned one SFR, whichever is greater:

Size of Meter	
5/8"	\$5,000.00
3/4"	\$10,000.00
1"	\$20,000.00
1 1/2"	\$35,000.00
2"	\$72,500.00
3"	\$92,500.00
4"	\$130,000.00
6"	\$145,000.00
8"	\$260,000.00

iii) Nonresidential The Tap-In charge for nonresidential customers, including but not limited to retail, commercial, governmental, and public properties shall be based on equivalent residential units (ERU). The ERU calculation shall be based on Ohio EPA's 1993 Division of Surface Water Design Flow Guidelines. A copy of the guideline is included in **SECTION XIV**. One ERU is the water usage or wastewater generated from a single family home as based on Ohio EPA design guidelines and is established as 400 gallons/day.



iv) Assisted Living Developments The Tap-In charge for Assisted Living Developments shall be based on ERUs with each assisted living unit assigned a water usage amount of 225 gallons/day/unit.

- e. Where a System Capacity Charge is applicable, a Reduced Tap-In Charge shall be charged for all connections to any water supply system and for the additional water service requirements for a property now or hereafter connected to the water system as a result of an expansion or change in the nature of the use of the property which results in increased water usage, with said charge being based on meter size of the water service lateral serving the property. The water system capacity fee shall be collected in accordance with Section 9.05.

If the sum of the Tap-In Charge and the System Capacity Charge is less than the comparable Tap-In Charge in Section 9.03d above, the Tap-In Charge within this Subsection shall be increased as necessary to make the sum of the Tap-In Charge and System Capacity Charge equal the Tap-In Charge in Section 9.03d.

### 9.03 NON-PARTICIPANT CHARGES - WATER (PUBLIC CONSTRUCTION)

- a. When connections are made to a water supply system or additional water service is required for a property now or hereafter connected to the water system as a result of an expansion or a change in the nature of the use of the property which results in increased water usage owners of improved property, whether residential, commercial, industrial or manufacturing, may have to pay a Non-Participant Charge in addition to the Tap-In Charge, as set forth in the proceedings undertaken by the County Commission.
- b. All Non-Participant Charges shall be paid in cash and in full prior to (i) connection to the water supply system, (ii) recording of subdivision plat, if applicable, or (iii) issuance of building permit by the Warren County Building Department.
- c. The following Non-Participant Charges shall be deposited in the special assessment Bond Retirement Fund as directed by legislation of the County Commission until such time as the outstanding obligations issued therefore have been paid in full. Thereafter, the Non-Participant Charges shall be deposited in the Water System Revenue Fund to be applied to the enlargement, replacement or extension of the water supply system:

#### FRANKLIN-LEBANON AREA

##### 1. APPLEWOOD LANE

For the extension of Applewood Lane, from Riley Wills Road northwardly approximately 900 feet to the end of Applewood Lane, the Non-Participant Charge is \$3,465.00 per single-family residential unit.

2. BEAL ROAD

For the extension in Beal Road, from the City of Franklin corporation limit approximately 1200' east of Gorsuch Road at the west property line of Parcel 08-24-400-001 (82.73 Ac) eastwardly approximately 4100' to the east property line of Parcel 08-24-400-016 (7.172 Ac), the Non-Participant Charge is \$3688.29 per single-family residential unit.

3. BEAL ROAD

In accordance with Resolution 10-1437, for the extension of an 8-inch waterline along Beal Road, from the intersection of Weidner Road and extending west approximately 2,400 feet to the east property line of Parcel No. 08-24-400-016 and as shown in Figure 1. The Non-Participant Charge is \$3,000 per single family residential unit.



4. BETHANY ROAD

For the extension in Bethany Road, from the west property line of Lot 1, Little Muddy Subdivision (Parcel 11-02-400-008), at a point approximately 4420 feet east of Butler Warren Road, eastwardly approximately 3800 feet to the east property line of Parcel 12-32-400-013 (6.50 Ac.), approximately 2700 feet west of Mason-Montgomery Road (Deerfield Township Trustees, the Non-Participant Charge is \$2160.00 per single family residential unit.

5. BETHANY ROAD

For the extension in Bethany Road, from the east property line of Parcel 12-32-400-013 (6.50 Ac.), as approved by Resolution 99-1851 on December 2, 1999, eastwardly approximately 2700 feet to Mason-Montgomery Road and in MASON-MONTGOMERY ROAD from Bethany Road northwardly approximately 6250 feet to the Deerfield-Turtlecreek Township line, the Non-Participant Charge is \$2160.00 per single family residential unit.

6. BREWER ROAD, BUTLER WARREN ROAD, BETHANY ROAD

Upon connection to the existing waterline and the filing of a final plat, a reimbursement fee shall be collected in accordance with Resolution 01-247, for the extension along Brewer Road, beginning at the terminus of the County’s water system westward approximately 2,780 feet to Butler-Warren Road, southward on Butler Warren Road approximately 5,546 feet to Bethany Road and eastward on Bethany Road approximately 4,420 feet to the west property line of Lot 1, Little Muddy Subdivision (Parcel 11-02-400-008). The fee is \$36.44 per front footage shall apply to all properties, specifically the following:

Property Owner	Address	Sidwell No.	Description	Footage
Francis O. Barnthouse	6768 Brewer Road	11-03-300-001	130.00 acres	3,465 feet
Homer D. Elliott	6763 Brewer Road	11-02-100-001	62.53 acres	3,340 feet

7. BONE ROAD

For the extension in Bone Road, from a point approximately 270 feet east of U.S. Route 42, eastwardly approximately 1750 feet to Parcel 12-15-276-008 (8.849 Acres), the Non-Participant Charge is \$3,330.00 per single-family residential unit.

8. BREWER ROAD, from Butler Warren Road eastwardly approximately 2780 feet, BUTLER WARREN ROAD from Brewer Road southwardly 5546 feet to Bethany Road and BETHANY Road, from Butler Warren Road eastwardly approximately 4420 feet to the west property line of Lot 1, Little Muddy Subdivision (Parcel 11-02-400-008). The Non-Participant Charge is \$36.44 per front footage.

9. BUNNELL HILL ROAD

For the extension in Bunnell Hill Road, from a point approximately 1,139 feet north of Lytle-Five Points Road, northwardly 1,076 feet to a 28.1885 acre parcel owned by Kahmann Development Corporation (Sidwell No. 05-33-322-009, the Non-Participant Charge is \$27.30 per front footage per eru.

10. BUNNELL HILL ROAD

For the extension in Bunnell Hill Road from a point approximately 3,470 feet south of Lytle-Five Points Road to a point approximately 6,270 feet

south of Lytle-Five Points Road, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

11. BUNNELL HILL ROAD

For the extension in Bunnell Hill Road, from approximately 1080' north of Pekin Road, northwardly approximately 5700' to a point approximately 2350' south of Horse Farm Lane, the Non-Participant Charge is \$4,550.00 per single-family equivalent residential unit.

12. BUTLER-WARREN ROAD-MASON ROAD-CLOVER AVENUE

For the extension in Butler-Warren Road, from Bethany Road south approximately 11,500' to south of Tylersville Road; **Mason Road**, from Butler-Warren Road east approximately 2000'; and **Clover Avenue**, the Non-Participant Charge is \$3,300.00 per single-family equivalent residential unit.

13. CAHALL DRIVE

For the extension in Cahall Drive, from Harlan Road northwardly approximately 960 feet to the terminus of Cahall Drive, the Non-Participant Charge is \$1500.00 per single-family residential unit.

14. CROSLEY ROAD

For the extension in Crosley Road from Lytle-Five Points Road to a point approximately 1,520 feet north of Lytle-Five Points Road, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

15. DEARTH ROAD

For the extension in Dearth Road, from State Route 123 northeastwardly approximately 8340 feet to the intersection of McLean Road and Dearth Road and then eastwardly approximately 2000 feet to Weidner Road, the Non-Participant Charge is \$4914.00 per single-family residential unit.

16. DRAKE ROAD

In accordance with Resolution 98-763, for the extension in Drake Road, from Parcel 09-32-226-004 (2.139 Ac) southwardly 7200' to Miller Road, the Non-Participant Charge is \$3000 per single-family equivalent residential unit. (See Reso. 98-763)

17. ELLENRIDGE - GLENDELL DRIVES

For the extension in Ellenridge Drive and Glendell Drive from the intersection of Ellenridge and Glendell Drives, eastwardly approximately 550 feet along Glendell Drive and southwardly approximately 490 feet along Ellenridge Drive, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

18. FRANKLIN AREA (ORIGINAL)

For the original water supply system in the Franklin Area, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit, if a water service contract was not executed.

19. FRANKLIN AREA NO. 2

For the Franklin Area No. 2, from the terminus of the water supply system in the Lebanon Area in State Route 122, thence along State Route No. 122 to Union Road, thence northwardly along Union Road to the Moreland Acres Subdivision, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

20. GREENTREE ROAD

For the extension in Greentree Road, from State Route 741 eastwardly across Otterbein Home property and along Greentree Road to Mulford Road and north along Mabrey Road approximately 1,570 feet, the Non-Participant Charge is \$3156.00 per single-family residential unit plus \$3.30 per foot of frontage.

21. GREENTREE ROAD (EAST)

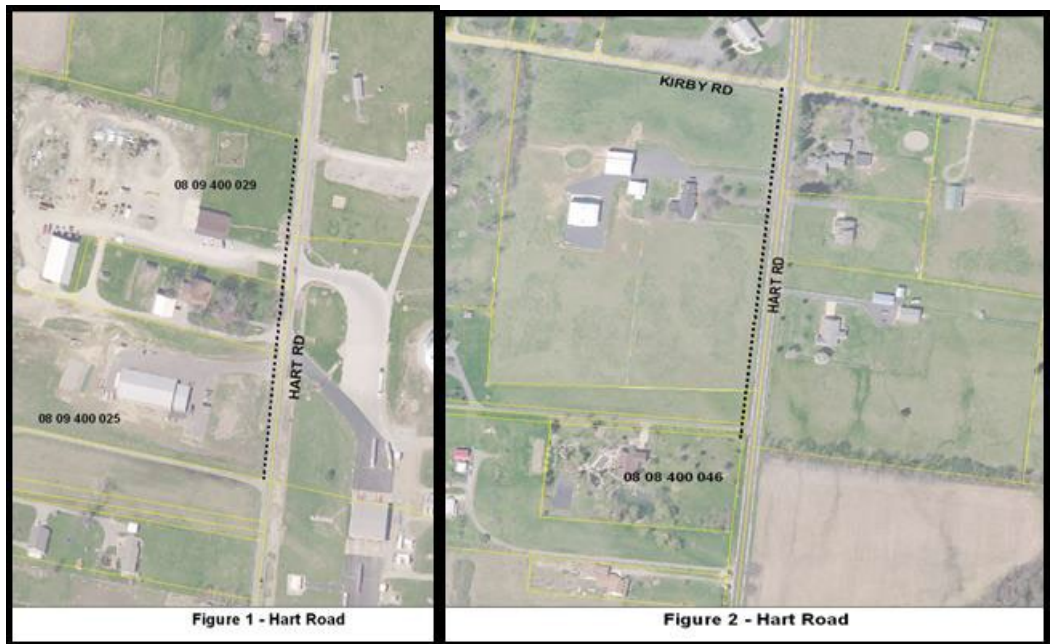
For the extension in Greentree Road, from Mulford Road eastwardly approximately 930 feet to the east property line of Parcel 08-13-400-026 and Parcel 08-13-400-014, the Non-Participant Charge is \$3255.00 per single-family residential unit. This Non-Participant Charge shall be in addition to the Non-Participant Charge of \$700.00 due the Greentree Road project.

22. GREENTREE ROAD (WEST)

For the extension in Greentree Road, from a point approximately 1650 feet east of State Route 741, westwardly approximately 1350 feet, the Non-Participant Charge is \$4300.00 per single-family residential unit. This Non-Participant Charge shall be in addition to the Non-Participant Charge of \$700.00 due the Greentree Road project.

### 23. HART ROAD

In accordance with Resolution 12-0093, for the installation of a waterline from the south property line of 3053 Hart Road, parcel 08-09-400-025, and extending northwardly along Hart Road approximately 720 feet to the north property line of 3099 Hart Road, parcel 08-09-400-029, to a depth of 2000 feet of platted lots from said road; and, from the intersection of Kirby and Hart Road, and extending southwardly approximately 1000 feet to the north property line of 2321 Hart Road, parcel 08-08-400-046. the Non-Participant Charge is \$1500.00 per property.



### 24. HATHAWAY ROAD

For the extension in Hathaway Road, from Lower Springboro Road southwardly approximately 1560 feet to the south property line of Parcel 09-30-376-006 (5.00 Ac), the Non-Participant Charge is \$7973.50 per single family residential unit.

For future extensions of the water system southwardly along Hathaway Road from the terminus of this extension for a distance of 3050 feet to the south property line of Parcel 09-29-200-020 (5.447 Ac), the Non-Participant Charge is \$1500.00 per single family equivalent residential unit.

25. HATHAWAY ROAD

For the extension in Hathaway Road, from a point approximately 2,080 feet north of Pekin Road (Lot 1 Hathaway Estates Subdivision - Sulfsted Extension) northwardly approximately 1,518 feet to the north property line of the Spring Meadow Estates Subdivision, the Non-Participant Charge is \$11.34 per front footage per single family equivalent residential unit.

26. HENDRICKSON ROAD

For the extension in Hendrickson Road, from Union Road westwardly approximately 1,516 feet to Interstate 75, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

27. HENDRICKSON ROAD

For the extension in Hendrickson Road from Audubon Drive to a point approximately 680 feet west of Audubon Drive to the Butler-Warren County line, the Non-Participant Charge is \$3,425.00 for a service tap for residential property unimproved at the time the original improvements were constructed. A graduated Non-Participant Charge based upon meter size shall apply to service taps for commercial, industrial or manufacturing property.

28. HENDRICKSON ROAD

For the extension in Hendrickson Road, from a point approximately 5,600 feet east of Union Road at the west property line of Parcel 08-26-100-002 and 08-26-300-004 eastwardly approximately 965 feet to the east property line of Parcel 08-26-300-002, the Non-Participant Charge is \$3541.15 per single-family residential unit.

29. HENDRICKSON ROAD

For the extension in Hendrickson Road, from a point approximately 4,600 feet east of Union Road eastwardly approximately 1,000 feet across Parcel 08-26-400-004, the Non-Participant Charge is \$1500.00 per single-family residential unit.

30. HORIZON HILLS

For the extension in Bunnell Hill Road, from State Route 73 northwardly approximately 1,800 feet and Horizon Hills Drive from State Route 73 northwardly approximately 2,350 feet, the Non-Participant Charge is \$2885.00 per single-family residential unit.

31. KENRICK ROAD

For the extension in Kenrick Road, from Lytle-Five Points Road northwardly and eastwardly approximately 6,000 feet to the Warren-Montgomery County line, the Non-Participant Charge is \$2860.00 per single-family residential unit.

32. KIRBY ROAD

For the extension in Kirby Road, from the east property line of Parcel 08-14-279-015 (0.749 Acres), which is the east property line of Lot 37 of the Tilton Green Subdivision and Section Line 8/14 (Loeb Foundation Extension) eastwardly 846 feet to the east property line of Parcel 08-08-300-050 (Lot 13 of the Meadows of Lebanon Subdivision) and in **STATE ROUTE 123**, 498.08 feet across the frontage of Lots 1 & 30 of the Meadows of Lebanon Subdivision, the Non-Participant Charge is \$17.40 per front foot or \$3200.00 per single family equivalent residential unit.

33. SHARTS ROAD - KENNY LANE

For the extension in Sharts Road and Kenny Lane, on Sharts Road, from the City of Springboro's existing water system at the southern corporation line approximately 1270', south of Pleasant Valley Drive, southwardly approximately 2550' to Kenny Lane and Kenny Lane from Sharts Road approximately 1600' to the end of said road, the Non-Participant Charge is \$2,420.00 per single family residential unit.

34. KIRBY AND HART ROADS

For the extension in Kirby and Hart Roads, from the terminus of the water supply system in Kirby Road westwardly to Hart Road, thence northwardly approximately 2,000 feet, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

35. LEBANON AREA (ORIGINAL & ADDITIONAL)

For the Original and Additional Lebanon Area (1970-71), the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit, if a water service contract was not executed.

36. LOWER SPRINGBORO ROAD

For the extension in Lower-Springboro Road, from a point approximately 238' east of Hathaway Road, eastwardly approximately 2878' to the east property line of Parcel 09-24-300-002 (5.00 Ac), at a point approximately 420' east of Utica Road, the Non-Participant Charge is \$4595.38 per single-family residential unit.



37. LOWER SPRINGBORO ROAD (WEST)

For the extension in Lower Springboro Road, from Red Lion-Five Points Road, eastwardly approximately 3900 feet to the east property line of Parcel 08-06-100-028 (7.5456 Acres), the Non-Participant Charge is \$3000.00 per single-family residential unit.

38. LOWER SPRINGBORO ROAD

For the extension in Lower Springboro Road, from Bunnell Hill Road westwardly approximately 1400 feet and Bunnell Hill Road, from Lower Springboro Road northwardly approximately 1550 feet (Stoneridge Development, Ltd. Extension), the Non-Participant Charge is \$14.40 per front foot per single family equivalent residential unit with a maximum fee of \$1500.00.

39. LOWER SPRINGBORO (EAST) & CORWIN ROADS

In accordance with Resolution No. 18-1872, for the 10-inch water line extension beginning at the east property line of 3112 East Lower Springboro Road and extending eastwardly to Corwin Road and along Corwin Road to the Village of Corwin, the Non-Participant Charge is \$1,500.00 per single-family residential unit.



40. LYTLE ROAD

For the extension in Lytle Road, from a point approximately 1080 feet east of Lytle Ferry Road, eastwardly approximately 3050 feet to the east property line of Parcel 05-14-200-018 (3.445 Acres), the Non-Participant Charge is \$3000.00 per single-family residential unit.

41. LYTLE-FERRY ROAD

For the extension in Lytle-Ferry Road, from a point approximately 1500 feet northeast of Lytle Road, northeast 520 feet to the north property line of Parcel 05-14-176-003 (1.625 Ac), the Non-Participant Charge is \$2600.00 per single-family residential unit.

42. LYTLE-FIVE POINTS ROAD

For the extension in Lytle-Five Points Road, from Crosley Road westwardly approximately 5,250 feet to the west property line of Lot 12 (Parcel 04-08-201-001) within Woodland Greens Two, Section One, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

43. LYTLE-FIVE POINTS ROAD

For the extension in Lytle-Five Points Road, from a point approximately 2,900 feet east of State Route 48 eastwardly approximately 3,280 feet to the east property line of Parcel 05-20-200-012, the Non-Participant Charge is \$3660.00 per single-family residential unit.

44. LYTLE-FIVE POINTS ROAD

For the extension in Lytle-Five Points Road, from a point approximately 6,200 feet east of State Route 48 at the east property line of Parcel 05-20-200-012 eastwardly approximately 2,220 feet to Kenrick Road, the Non-Participant Charge is \$3660.00 per single-family equivalent residential unit.

45. LYTLE-FIVE POINTS ROAD AND CROSELY ROAD

For the Lytle-Five Points Road and Crosley Road water main extension, particularly in Lytle-Five Points Road from a point approximately 450 feet west of Bunnell Hill Road to Crosley Road, and in Crosley Road from Lytle-Five Points Road to a point approximately 1,850 feet south, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

46. MANCHESTER ROAD

For the extension in Manchester Road, from a point approximately 250' west of Robinson-Vail Road at the west property line of Parcel 08-29-488-003, westwardly and northwardly approximately 6,950' to the southwest property line of Parcel 08-29-151-002 (1.279 Ac), the Non-Participant Charge is \$4100.00 per single-family residential unit.

47. MASON-MONTGOMERY ROAD – BREWER ROAD

For the extension in Mason-Montgomery Road, from the Turtlecreek Township/Deerfield Township line northwardly approximately 2860' to Shadow Lake Drive and **BREWER ROAD**, from Mason-Montgomery Road eastwardly approximately 2360' to the east property line of parcel 12-33-451-002 (7.54 acres), the Non-Participant Charge is \$3,350.00 per single-family residential unit.

48. MCLEAN ROAD

For the extension in McLean Road, from a point approximately 750 feet north of State Route 123 eastwardly approximately 2050 feet to the east property line of Parcel 08-23-177-005 (Lot #8 -Gustin Subdivision), the Non-Participant Charge is \$2080.00 per single-family residential unit.

49. MCLEAN ROAD (EAST)

For the extension in McLean Road, from a point approximately 2800 feet northwardly and eastwardly from State Route 123 (at the terminus of the McLean Road project) east approximately 625 feet to the east property line of Parcel 08-23-200-001 (0.539 Ac), the Non-Participant Charge is \$2225.00 per single-family residential unit.

50. MULFORD ROAD

For the extension in Mulford Road, from Greentree Road southwardly approximately 2,670 feet, the Non-Participant Charge is \$2600.00 per single-family residential unit. This Non-Participant Charge shall be in addition to the Non-Participant Charge of \$700.00 due the Greentree Road project.

51. OLD ROUTE 122

For the extension in Old Route 122 and Utica Road from the intersection of Drake Road and Old State Route 122 extending eastwardly approximately 8,500 feet to the east property line of Parcel 09-21-100-028, to a depth of 2,000 feet of platted lots from said road, the Non-Participant Charge is \$8,530.00 per single-family residential unit.



**FIGURE 1 - OLD ROUTE 122 & UTICA ROAD WATERLINE**

52. PENNYROYAL AREA (ORIGINAL)

For the original water supply system in the Pennyroyal Area, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit, if not included in the computation of the special assessments and not paying the base charges as determined for said original water system.

53. PEKIN ROAD

For the extension in Pekin Road, from State Route 123 eastwardly approximately 5,480 feet to the east property line of Parcel 08-16-100-005, the Non-Participant Charge is \$2600.00 per single-family residential unit.

54. PEKIN ROAD

For the extension in Pekin Road, from Wayne Boulevard eastwardly approximately 2196 feet to the west property line of the Shady Creek Estates Subdivision, at a point approximately 224 feet west of Weisenberger Road, the Non-Participant Charge is:

	Parcel	Earnhart	Parcel
	09-34-326-003	Estates	09-34-176-005
	54.38 Ac	Lots 1-36	51.079 Ac
County	9.25/ff	9.25/ff	9.25/ff

55. PEKIN ROAD (WEST)

For the extension in Pekin Road, from State Route 741 westwardly approximately 2,650 feet; State Route 741 from Pekin Road northwardly

approximately 3,400 feet to the north property line of Parcel 08-11-351-001; and Ryan Road eastwardly from State Route 741 approximately 1,790 feet to the east terminus of Ryan Road, the Non-Participant Charge is \$2900.00 per single-family residential unit.

56. PEKIN ROAD II (WEST)

For the extension in Pekin Road, from State Route 741 eastwardly approximately 3900 feet to the east property line of Parcel 08-100-200-002 (50.0 Ac) and in State Route 741 from Pekin Road southwardly approximately 1520 feet to the south property line of Parcel 08-16-427-009 (2.489 + 5.00 Ac), the Non-Participant Charge is \$3482.00 per single-family residential unit.

57. RED LION-FIVE POINTS ROAD – STATE ROUTE 741

For the extension in State Route 741, from Weidner Road to Red Lion-Five Points Road and in Red Lion-Five Points Road from State Route 741 northwardly and eastwardly approximately 8800' to Springboro Road, the Non-Participant Charge is \$3800.00 per single-family residential unit.

58. RED LION-FIVE POINTS & MANCHESTER ROADS

For the extension in Red Lion-Five Points and Manchester Road, the Non-Participant Charge is \$1500.00 per equivalent single-family residential unit for any property having frontage on the following water mains:

- i) Red Lion-Five Points Road, from Clear Creek northwardly approximately 6200 feet to State Route 73;
- ii) Manchester Road, from Shaker Road eastwardly approximately 2300 feet to the first bend in the road at Section Line 29/35.

59. RILEY WILLS ROAD

For the extension in Riley-Wills Road, from State Route 48 eastwardly approximately 1600 feet to the east property line of Parcel 09-34-201-002 (Lot 15 - Valley View Acres), the Non-Participant Charge is \$2900.00 per single-family residential unit.

60. RILEY WILLS ROAD (EAST)

For the extension in Riley Wills Road, from a point 60 feet east of the Lot 8

– 9 property line in the Applecreek Reserve Subdivision northwardly and eastwardly approximately 1900 feet to the east property line of Parcel 09-29-320-006 (Lot 8 – Ullrich Subdivision), the Non-Participant Charge is \$2790.00 per single-family residential unit.

61. RILEY WILLS ROAD

For the extension in Riley Wills Road, from the east property line of Lot 8 of the Ullrich Subdivision eastwardly 1450 feet to Hathaway Road and HATHAWAY ROAD from Riley Wills Road northwardly 1354 feet to the north property line of Parcel 09-29-300-011, the Non-Participant Charge is \$10.62 per front footage per single family equivalent residential unit.

62. ROBINSON-VAIL ROAD

For the extension in Robinson-Vail Road, from a point approximately 735 feet south of Manchester Road at the property line of Parcel 08-28-200-001 southwardly approximately 986 feet to the south property line of Parcel 08-28-200-004, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

63. ROBINSON VAIL

In accordance with Resolution 10-1007, for the extension of a 24-inch waterline along Robinson-Vail Road, from the intersection of Manchester Road and extending south approximately 8,840-feet south to State Route 122 and as show in Figure 1. The Non-Participant Charge is \$1500.00 per single family equivalent residential unit.



64. ROUTT LANE (BACK LANE AND ST. RT. 123)

For the extension in St. Rt. 123 from the north property line of Parcel 08-29-277-005 northwardly approximately 2500 feet to the City of Franklin, Back Lane eastwardly from St. Rt. 123 approximately 620 feet and Routt Lane eastwardly from St. Rt. 123 approximately 1000 feet, the Non-Participant Charge is \$2,700.00 per single family residential unit.

65. SHAKER ROAD

For the extension in Shaker Road, from Union Road southwardly and eastwardly approximately 9100 feet to the south property line of Parcel 08-28-100-017, the Non-Participant Charge is \$4,400.00 per single family residential unit.

66. SHAKER ROAD (SOUTH)

For the extension in Shaker Road, from a point approximately 750 feet south of State Route 122, southwardly approximately 2780 feet to the south

property line of Parcels 08-200-100-023 and 08-20-100-013, the Non-Participant Charge is \$3200.00 per single-family residential unit.

67. SHAKER ROAD

In accordance with Resolution 09-1501, for the extension in Shaker Road, from a point approximately 9,100 feet south of Union Road at the north property line of Parcel 08-28-100-009 southwardly approximately 4,430 feet to Sterling Drive, and as show in Figure 1. The Non-Participant Charge is \$3,550.00 per single family residential unit.

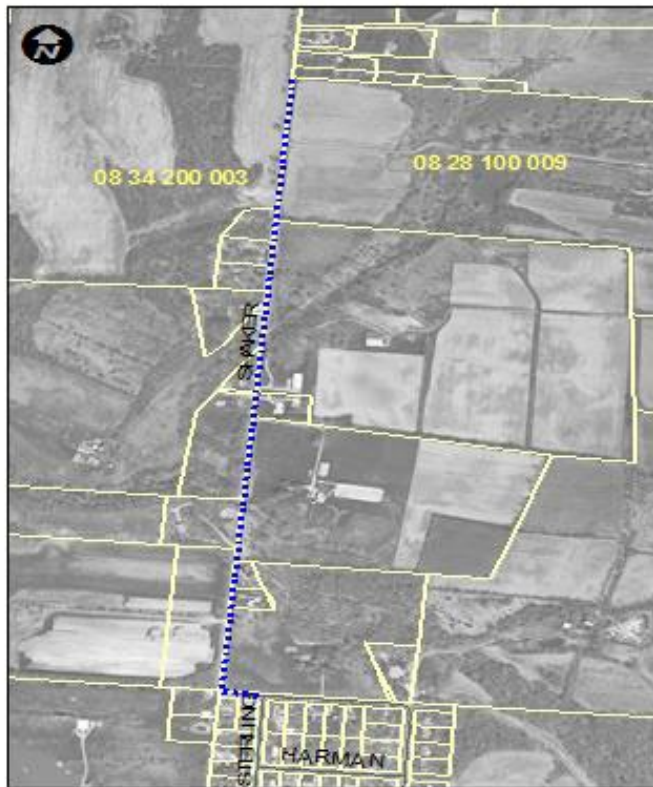


Figure 1

68. SHAKER ROAD

In accordance with Resolution 10-1008, for the extension of a 24-inch waterline along Shaker Road, from the intersection of Greentree Road and extending north approximately 6,870-feet to the north property line of Parcel No. 02-20-100-037 and as shown in Figure 1. The Non-Participant Charge is \$1,500.00 per single family residential unit.





Figure

69. SPRINGBORO ROAD

For the extension in Springboro Road, from State Route 122 northwardly approximately 1800 feet to the north property line of the Willow Spring Subdivision the Non-Participant Charge is \$1500.00 per single family equivalent residential unit.

70. SPRINGBORO ROAD

For the extension in Springboro Road, from a point approximately 1340 feet north of Pekin Road at the north property line of Lot 1 of the Skyview Farms Subdivision, northwardly approximately 1356 feet to the north property line of Lot 42 of the Fry Estates Subdivision, the Non-Participant Charge is \$11.30 per front footage per single family equivalent residential unit.

71. SPRINGBORO-PEKIN ROADS

For the extension in Springboro Road, from the north property line of the Willow Springs Subdivision northwardly approximately 4600 feet to Pekin Road and in Pekin Road from Springboro Road eastwardly approximately 5500 feet to State Route 48 and westwardly approximately 2470 feet to the east property line of Parcel 08-100-200-002 (50.0 Ac.), the Non-Participant Charge is \$4400.00 per single family residential unit.

72. STATE ROUTE 123

For the extension in State Route 123, from a point approximately 1,075 feet south of State Route 122, at the southern property line of Parcel 008-15-328-012, south approximately 1,400 feet, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

73. STATE ROUTE 123, KIRBY ROAD & GREENTREE ROAD

For the extension in State Route 123, from Kirby Road southwardly approximately 12,500' to the City of Lebanon corporation line at a point approximately 900' southeast of Markey Road, **Kirby Road**, from a point approximately 1,950' east of State Route 123 eastwardly from the east property line of Parcel 08-08-300-050 approximately 3,400' to Hart Road, and **Greentree Road**, from State Route 123 westwardly 700' to the Thompson Run Estates Subdivision, the Non-Participant Charge is \$3,200.00 per single-family equivalent residential unit.

74. STATE ROUTE 123

For the extension in State Route 123, from a point approximately 2475 feet south of State Route 122, southwardly approximately 3670 feet to Kirby Road, and eastwardly on KIRBY ROAD 1200 feet to the east property line of Parcel 08-14-279-015 (0.749 Acres), (the east property line of Lot 37 of the Tilton Green Subdivision), the Non-Participant Charge is \$10.58 per front foot or \$3200.00 per single family equivalent residential unit.

75. STATE ROUTE 73

For the extension in State Route 73, from State Route 48 eastwardly approximately 6,150 feet to the east property line of Parcel 05-19-200-024, the Non-Participant Charge is \$2829.00 per single-family residential unit.

76. STATE ROUTE 73 (EAST)

For the extension in State Route 73, from the east property line of Parcel 05-31-200-004 (Johnson/Fernandez Extension) eastwardly approximately 4800 feet to a point approximately 200 feet west of State Route 48, the Non-Participant Charge is \$3269.00 per single-family residential unit.

77. STATE ROUTE 73

For the extension in State Route 73, from Township Line Road westwardly approximately 2150 feet to the east terminus of the water main on State Route 73 serving the Silver Lake Subdivision, the Non-Participant Charge is \$3800.00 per single-family residential unit.

78. STATE ROUTE 73 TO BRIMSTONE ROAD PROJECT

For the extension along State Route 73, from west property line of 10-11-400-008 and extending east approximately 2,540 feet to Brimstone Road, the Non-Participant Charge is \$1500.00 per single-family residential unit.



79. STATE ROUTE 741

For the extension in State Route 741, from a point approximately 1260 feet south of Pekin Road, which is the southern boundary of the West Pekin Road Water System Improvement Area as established by Resolution #88-826, southwestwardly approximately 1420 feet, the Non-Participant Charge is \$2000.00 per single-family residential unit.

80. STATE ROUTE 741

For the extension in State Route 741, from State Route 63 southwardly to Hamilton Road, the Non-Participant Charge is \$3,350.00 per single-family residential unit.

81. TOWNSHIP LINE ROAD

For the extension in State Route 73 from Township Line Road to a point approximately 430 feet east of Township Line Road and in Township Line Road from State Route 73 to a point approximately 3000 feet south of State Route 73, the Non-Participant Charge is \$3,800.00 for a service tap for residential property unimproved at the time the original improvements were constructed. A graduated Non-Participant Charge based upon meter size shall apply for service taps for commercial, industrial or manufacturing property.

82. TOWNSHIP LINE & LOWER SPRINGBORO ROADS

Township Line Road, from a point approximately 5625' south of State Route 73, 88' north of the northern property line of Parcel 09-24-400-010 southwardly approximately 2500' to east-bound Lower Springboro Road and then eastwardly on **Lower Springboro Road** approximately 610' to the east property line of Parcel 09-18-300-017. The Non-Participant charge is \$23.40 per front footage.



83. UNION ROAD

For the extension in Union Road, from Manchester Road northwardly approximately 3,100 feet to the east property line of Parcel 08-35-127-003, the Non-Participant Charge is \$2180.00 per single-family residential unit.

84. UTICA ROAD

For the extension in Utica Road, across the frontage of the Spring Meadow Estates Subdivision, from a point approximately 425 feet north of Spring Meadow Drive to a point approximately 904 feet south of Spring Meadow Drive, the Non-Participant Charge is \$10.76 per front footage per single family equivalent residential unit.

85. UTICA ROAD

In accordance with Resolution 10-0921, for the extension of a water main in the Utica Road Water Improvement Area, consisting of 1,050 feet of ten (10) inch water main along Utica Road, from the north property line of Parcel 09-28-200-008 southwardly approximately 1,050 feet to the south property line of Parcel 09-28-200-016, to a depth of 2000 feet or platted lots from said road and as shown in Figure 1. The Non-Participant Charge is \$7,604.00 per single family residential unit.



86. UTICA ROAD/OLD ROUTE 122

In accordance with Resolution 12-0044, for the extension of a 10-inch waterline along Utica Road, from a point approximately 370 feet north of the intersection of Utica and Pekin Roads extending southwardly approximately 4,910 feet to the south property line of Parcel 09-21-100-030, and as shown in Figure 2. The Non-Participant Charge is \$8,530.00 per single-family residential unit and all collected fees shall be retained by the County to repay its financial contribution to the project.



FIGURE 2 – UTICA ROAD

87. WEIDNER ROAD

For the extension in State Route 741, from a point approximately 700 feet south of Weidner Road north to Weidner Road and in Weidner Road from State Route 741 westwardly and northwardly approximately 1420 feet to Lower Springboro Road, the Non-Participant Charge is \$2819.00 per single-family residential unit.

88. WEISENBERGER ROAD

For the extension in Weisenberger Road, from a point approximately 1,235 feet north of State Route 122, northwardly approximately 635 feet, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

89. WESTERN TURTLECREEK–UNION WATER IMPROVEMENT AREA

For the water extension on:

- A) State Route 63, from State Route 741 eastwardly to a point approximately 100' east of McClure Road;
- B) McClure Road, from State Route 63 southwardly and eastwardly to State Route 42;

- C) Keever Road, from State Route 42 westwardly and northwardly to Hamilton Road;
- D) Hamilton Road, from State Route 63 westwardly to Butler-Warren Road;
- E) State Route 741, from Hamilton Road (west) northwardly to Hamilton Road (east);
- F) State Route 42, from McClure Road southwestwardly to a point approximately 800' southwestwardly of Bone Road;
- G) Columbia Road, from State Route 42 southwardly approximately 1400';
- H) Bone Road, from State Route 42 eastwardly approximately 300';
- I) Nickel Road, from Hamilton Road northwardly and westwardly to a point approximately 3900' west of Union Road;
- J) Butler-Warren Road, from Hamilton Road northwardly to a point approximately 1350' south of Nickel Road;
- K) Harvey Road, northwardly from Brewer Road (entire length); and
- L) Brewer Road, eastwardly from a point 3465' east of Butler-Warren Road (approximately 2647' west of Harvey Road) at the east property line of Parcel 11-02-200-001 (62.53 Ac) eastwardly approximately 6331' (approximately 3684' east of Harvey Road) to the east property line of Parcel 12-33-451-002 (7.54 Ac).

The Non-Participant charge is \$3000 per single-family equivalent residential unit.

90. WEST STREET

For the extension in West Street in the Ridgeville Area from Franklin Street southwardly approximately 285 feet the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

91. WEST STREET

For the extension in West Street in the Ridgeville Area from Franklin Street southwardly approximately 285 feet, the Non-Participant Charge is 1500.00 per single-family residential unit.



## DEERFIELD-HAMILTON AREA

### 1. BUTTERWORTH ROAD

In accordance with Resolution 10-1596, for the extension of an 8-inch waterline along Butterworth Road, from the intersection of Sibcy Road and extending south approximately 2,750 feet to the south property line of Parcel No. 16-08-200-023. The Non-Participant Charge is \$1500.00 per single family residential unit.



2. COCHRAN ROAD

For the extension in Cochran Road, from U.S. Route 22-3 northwardly approximately 4730' to Zoar Road, the Non-Participant Charge is \$3,000.00 per single-family residential unit.

3. COLUMBIA ROAD

For the extension is Columbia Road from King Avenue northwardly approximately 3400' to the north property line of Parcel 12-07-352-001 (0.548 Ac), Singleton Drive, from Columbia Road eastwardly approximately 800' to the east property line of the Cedar Hill Subdivision, and Randall Drive, from Columbia Road eastwardly approximately 700' to the east property line of the Cedar Hill Subdivision, the Non-Participant Charge is \$2875.00 per single-family residential unit.

4. DAVIS ROAD

For the extension in Davis Road, from a point approximately 230 feet east of Park Terrace Drive, north approximately 1650 feet to the north property line of Parcel 16-15-489-011 (0.258 Ac), the Non-Participant Charge is \$2820.00 per single-family residential unit.

5. DAVIS ROAD (NORTH)

For the extension in North Davis Road, from a point approximately 1880' north of Park Terrace Drive, northwardly approximately 5800' to Old 3C Highway, on River Drive, from Davis Road to Edgewater Drive, approximately 2000', Edgewater Drive, northwardly from River Drive, approximately 420' and southwardly from River Drive, the Non-Participant Charge is \$3,200.00 per single-family equivalent residential unit.

6. DEERFIELD-HAMILTON AREA (ORIGINAL)

For the original water system in the Deerfield-Hamilton Area, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit, if a water service contract was not executed.

7. DEERFIELD - HAMILTON TOWNSHIPS (PORTIONS)

The Non-Participant Charge is \$1500.00 per equivalent single-family residential unit for any property having frontage on the following water mains:

- i) South Grandin Road, from the water treatment plant eastwardly approximately 1500 feet to Striker Road.

- ii) Hopkins Road, from U. S. 22 & 3 southwardly approximately 1150 feet to the north property line of Parcel 16-04-127-001.
- iii) Striker Road, from Grandin Road southwardly to U. S. 22 & 3.
- iv) U. S. 22 & 3, from Overbrook Drive southwestwardly approximately 2500 feet to Old 3C Highway.
- v) Old 3C Highway, from U. S. 22 & 3 westwardly approximately 2100 feet to the Little Miami River.
- vi) Foster-Maineville Road, from Old 3C Highway northwestwardly approximately 700 feet to the Lower Little Miami Wastewater Treatment Plant.
- vii) Socialville-Foster Road, from Old 3C Highway northwestwardly approximately 700 feet to the Lower Little Miami Wastewater Treatment Plant.
- viii) Candlemakers Lane, from Weavers Lane eastwardly approximately 1400 feet to the Lower Little Miami Wastewater Treatment Plant.
- ix) Socialville-Foster Road, from I-71 westwardly approximately 12,200 feet to Snider Road.
- x) Socialville-Foster Road, from Snider Road westwardly approximately 340 feet.
- xi) Snider Road, from Socialville-Foster Road southwardly approximately 6,200 feet to the terminus of the existing water system, approximately 200 feet north of Snidercrest Road.
- xii) Irwin-Simpson Road, from Mason-Montgomery Road westwardly approximately 5,300 feet to Snider Road.
- xiii) Mason-Montgomery Road, from Socialville-Foster Road southwardly approximately 5,500 feet to Irwin-Simpson Road.

8. ESTHER DRIVE

For the extension in Esther Drive, from Davis Road northwardly approximately 950 feet to the terminus of Esther Drive, the Non-Participant Charge is \$1630.00 per single-family residential unit.

9. FIELDS ERTEL ROAD

For the extension in Fields-Ertel Road, from Mason-Montgomery Road westwardly to the Butler-Warren County line, the Non-Participant Charge is \$6.60 per front foot. (Cincinnati Water Works)

10. FIELDS ERTEL ROAD

For the extension in Fields-Ertel Road, from Mason-Montgomery Road eastwardly approximately 1,010 feet to the Kings Automall Subdivision, the Non-Participant Charge is \$1500.00 per single-family residential unit.

See Legislation

11. IRWIN-SIMPSON ROAD (OLD IRWIN-SIMPSON ROAD)

For the extension in Irwin-Simpson Road, from Columbia Road westwardly to Interstate 71, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

12. IRWIN-SIMPSON ROAD (OLD IRWIN-SIMPSON ROAD)

For the extension in Irwin-Simpson Road, from Mason-Montgomery Road eastwardly approximately 1540 feet to the east property line of the Woodland Trace Subdivision, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

13. IRWIN-SIMPSON ROAD

For the extension in Irwin-Simpson Road, from a point approximately 200 feet east of Interstate 71, westwardly approximately 4,600 feet to the east property line of the Woodland Trace Subdivision approximately 100 feet east of Woodland Drive, the Non-Participant Charge is \$16.00 per front foot.

14. IRWIN-SIMPSON ROAD

For the extension in Irwin-Simpson Road, from Snider Road westwardly 3245 feet to the west property line of Lot 46 in the Charleston Park Subdivision (Sidwell No. 15-03-395-004), the Non-Participant Charge is \$17.50 per front foot per single family equivalent residential unit with a maximum fee of \$1500.00.

15. IRWIN-SIMPSON ROAD

For the extension in Irwin-Simpson Road, from the west property line of the Charleston Park Subdivision, westwardly approximately 364 feet to the

west property line of Parcel 15-04-376-004 (1.1191 acres), the Non-Participant Charge is \$35.76 per front foot per single family equivalent residential unit with a maximum fee of \$1500.00.

16. KINGS MILLS ROAD

For the extension in Kings Mills Road from a point approximately 230 feet east of Kings Island Drive westwardly to Interstate 71, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

17. KINGS MILLS ROAD - COLUMBIA ROAD

For the extension in the Kings Mills Road from Walnut Street in Kings Mills to Columbia Road, southwardly on Columbia Road from Kings Mills Road to the south property line of the Deerfield-Union Local School District, and Columbia Road from Locust Avenue to Irwin Road, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

18. LASABRE DRIVE

For the extension in LaSabre Drive, from Old Mill Road southwardly approximately 415 feet, the Non-Participant Charge is \$3005.00 per single-family residential unit.

19. LEBANON ROAD (HAMILTON COUNTY)

For the extension in Lebanon Road (Hamilton County) from Fields-Ertel Road south approximately 1060 feet to the south property line of Wedgewood Corners Subdivision, the Non-Participant Charge is \$3000.00 per single-family equivalent residential unit.

20. LOVELAND-MAINEVILLE ROAD

For the extension in Loveland-Maineville Road, from a point approximately 1,200 feet south of Foster-Maineville Road, at the north property line of Parcel 16-03-251-002, and continuing south approximately 1,620 feet, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

21. MAPLE PARK SUBDIVISION

For the extension in Wilson Avenue, from Kings Island Drive to Columbia Road; First Street from Wilson Avenue to Columbia Road; Second Street from Wilson Avenue to McClelland Avenue; Third Street from Wilson Avenue to McClelland Avenue and McClelland Avenue from Third Street

to Columbia Road, the Non-Participant Charge is \$4800.00 per single-family residential unit.

22. NORTH-SOUTH INTERCONNECTION WATERLINE

In accordance with Resolution 17-0886, waterline improvements were constructed by this Board for a 24-inch waterline along Turtlecreek and Columbia Roads, from Route 42 to Mason-Morrow-Millgrove Road as shown in Figure 1 – North-South System Interconnect. The Non-Participant Charge is \$1500.00.



Figure 1 – North-South System Interconnect

Figure 1 – North-South System Interconnect

23. NUNNER ROAD

In accordance with Resolution 09-0990, for the extension in Nunner Road, from the western property line of 639 Nunner Road, Parcel 17-35-400-007 and extending eastwardly approximately 4,490 feet to Waverly Pike Road and as shown in Figure 1. The Non-Participant Charge is \$3,000.00.



Figure 1 – Nunner Road Non-Participant Area

24. REGENCY PARK ESTATES/THE ESTATES OF HAWTHORNE MANOR

In accordance with Resolution 08-759, for the extension in Stephens Road, from a point approximately 2600' east of State Route 48 eastwardly approximately 3839' to a point approximately 100' east of Village Green Parkway, the Non-Participant Charge is \$1500.00 per single-family residential unit for the following lots:

Regency Park Estates Sections 1 & 2:

Lots 1, 4, 6, 9, 10, 16, 18, 20, 21, 23, 24, 25, 26, 27, 28, 36, 43, 44, 45, 46, 47, 51, 52, 53, 54, 55, 56, 57, 58, 63, 67, 68, 69, 70, 81, 82, 83, 84, 85, 86, 87, 88, 90, 91 and 92.

The Estates of Hawthorne Manor Section 3:

Lots 93-117

At such time as a total of thirty-two (32) Non-Participant Charges are collected within the Regency Park Estates Sections 1 & 2 and the Estates of Hawthorne Manor Section 3 subdivisions, this Non-Participant Charge shall no longer be collected.

25. SHERMAN TERRACE

For the extension in Socialville-Foster Road, from Snider Road westwardly approximately 3200 feet to the I&O Railroad right-of-way; Snider Road, from Sherman Terrace Drive southwardly approximately 300 feet to the 1.5 MG elevated storage tank and northwardly approximately 1250 feet to the north property line of the Lea-Wood Acres Subdivision; Sherman Terrace Drive, from Snider Road westwardly and southwardly approximately 3850 feet to Socialville-Foster Road; Parkview Circle, along entire length of approximately 1650 feet; Crest Acres Drive, northwardly from Sherman Terrace Drive approximately 980 feet to present terminus; Greenfield Drive, westwardly from Crest Acres Drive approximately 1440 feet to present terminus; Meadowbrook Drive, northwardly from Greenfield Drive approximately 750 feet to present terminus; and South Lakeview Drive, eastwardly from Meadowbrook Drive approximately 780 feet to present terminus, the Non-Participant Charge is \$2,285.50 per single family residential unit.



26. SIDERITIS FAMILY LIMITED PARTNERSHIP PROPERTY

A \$2,000 Non-Participant Fee shall be placed on the first eleven (11) single-family equivalent residential units for the future development of the 16.255 Acre parcel (No. 16-06-100-008) in which water and sewer service is provided from **Emerald View Drive and Glen Abbey Drive** within the **Fairways at River's Glen Subdivision**.



27. SNIDER ROAD

For the extension in Snider Road, from Fields-Ertel Road northwardly approximately 3370 feet to the north property line of the Deer Run Estates Subdivision, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

28. SNIDERCREST DRIVE

For the extension in Snidercrest Drive, from Snider Road westwardly approximately 2,730 feet to the west terminus of Snidercrest Road, the Non-Participant Charge is \$1500.00 per single-family residential unit.

29. SNOOK ROAD

For the extension in State Route 48, from the north property line of Parcel 16-06-400-001 (Kings Point Church of God Extension) northwardly

approximately 2100 feet to Dwire Road; in Dwire Road, from State Route 48 eastwardly approximately 350 feet to Lebanon Road; in Lebanon Road, from Dwire Road southwardly approximately 370 feet to Snook Road; in Lebanon Road, from Dwire Road northwardly approximately 1100 feet to the north property line of Parcel 12-01-476-004 (Lot 2, Northview Heights); in Snook Road, from Lebanon Road eastwardly approximately 1200 feet; in Sunny Lane, from Lebanon Road eastwardly approximately 925 feet, the Non-Participant Charge is \$3358.00 per single-family residential unit.

30. SOCIALVILLE-FOSTER ROAD

For the extension in Socialville-Foster Road, from Western Row Road westwardly approximately 1200' to the east property line of Parcel 16-16-351-003 (Lot #72 - Landen Farms One), the Non-Participant Charge is \$4300.00 per single-family residential unit.

31. STATE ROUTE 48

For the extension in State Route 48, from a point approximately 460 feet north of Grandin Road and continuing north approximately 2095 feet, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

32. STEPHENS ROAD

For the extension in Stephens Road, from a point approximately 2600 feet east of State Route 48, eastwardly approximately 3839 feet to a point approximately 100 feet east of Village Green Parkway, the Non-Participant Charge is \$18.51 per front footage per single family equivalent residential unit. Line was installed by Brisben Development with reimbursement conditions expiring on 1/11/10. All fees retained by the County.

33. WESTERN ROW ROAD

For the extension in Western Row Road, from the northwest corner of Parcel 16-16-10-006, approximately 3700 feet southwestwardly from Columbia Road, eastwardly and southwardly approximately 3400 feet to Socialville-Foster Road, the Non-Participant Charge is:

County Total	\$15.00/ff
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34. WESTERN ROW ROAD

For the extension in Western Row Road, from the northwest corner of Parcel 16-16-10-018 (5.071 Ac) approximately 2000 feet southwestwardly from Columbia Road, eastwardly and southwardly approximately 905 feet

to a point approximately 285 feet west of Afton Falls Drive, the Non-Participant Charge is:

County Total	\$12.33/ff
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35. ZOAR AREA

For the Zoar Area, in State Route 3 from the existing terminus of the water supply system at Cochran Road to South Lebanon-Union Road approximately 4,500 feet, and in South Lebanon-Union Road from State Route 3 southeasterly approximately 530 feet, and in South Lebanon-Union Road from State Route 3 northwesterly approximately 1,875 feet, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.

MASSIE-WAYNE AREA

1. CLARKSVILLE ROAD

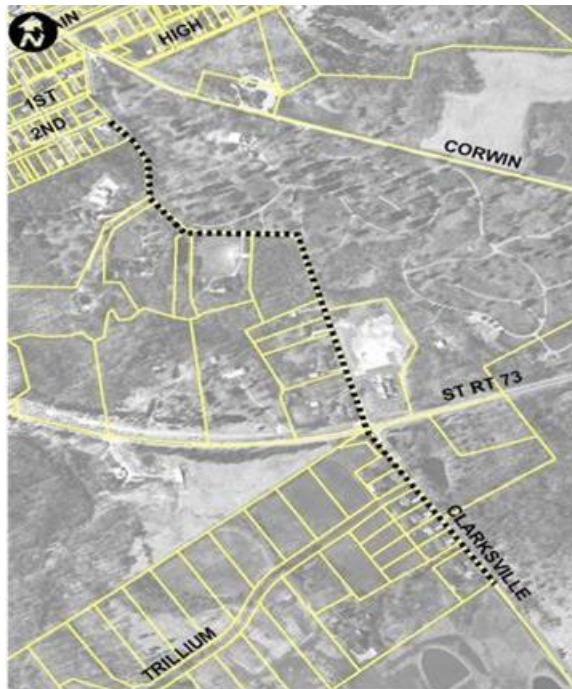


Figure 1 – Clarksville Road Improvement

In accordance with Resolution 10-0922, for the extension in the Clarksville Road Water Improvement Area, consisting of 3,980 feet of water main from Clarksville Road from Second Street southwardly to a point of 1080 feet south of State Route 73, to a depth of 2000 feet or platted lots from said road and as shown in Figure 1. The Non-Participant Charge is \$3,750.00 per single family residential unit.

9.04 NON-PARTICIPANT CHARGES-WATER (PRIVATE CONSTRUCTION)

- a. In addition to a Tap-In Charge, Non-Participant Charges shall apply to all connections of improved properties and the additional water service requirements for a property now or hereafter connected to the water system as a result of an expansion or change in the nature of the use of the property which results in increased water usage, whether residential, commercial, industrial, or manufacturing, to an extension of the water supply system constructed pursuant to a private contract providing for reimbursement of original cost, when such properties were non-participants in the original cost. (See Section 10.02).
- b. All Non-Participant Charges shall be paid in cash and in full prior to (i) connection to the water supply system, (ii) recording of subdivision plat, if applicable, or (iii) issuance of a building permit by the Warren County Building Department.
- c. For a period of ten (10) years after completion of construction, the proceeds of the Non-Participant Charges shall be held in separate and distinct funds designated as the "Reimbursement Fund for the \_\_\_\_\_ Water Improvement", to be paid quarterly to the individual, organization, or agency of private enterprise that

constructed the extension. After the ten (10) year period, the proceeds of the Non-Participant Charges shall be deposited in the Water System Revenue Fund.

- d. The following Non-Participant Charges, represent a prorated share of the original cost of the improvement, as more particularly set forth in legislation of the County Commission:

**CORWIN ROAD/STATE ROUTE 73**

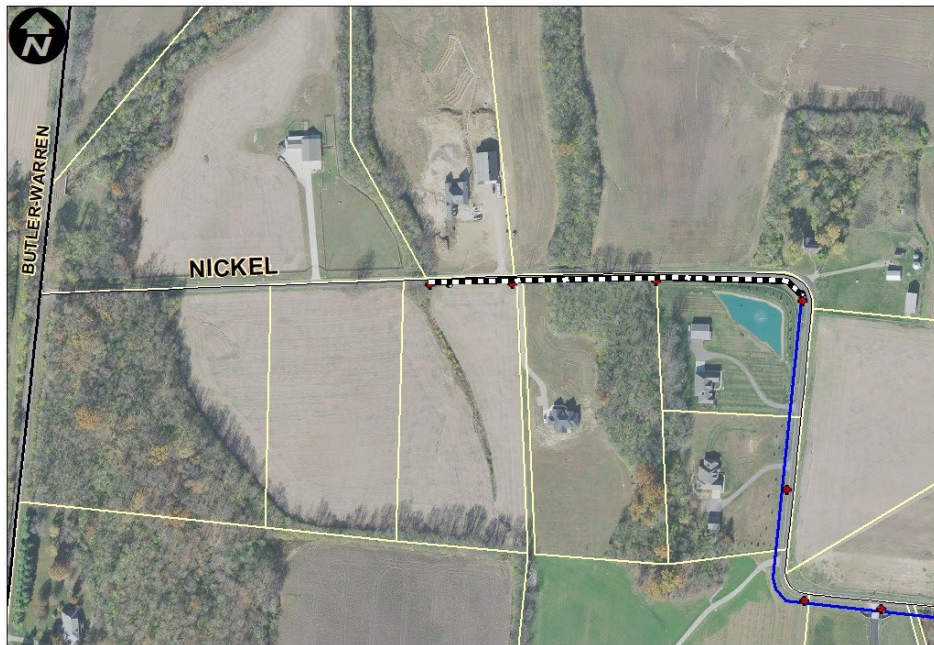
- 1. Corwin Road from the Village of Waynesville eastwardly to State Route 73 and State Route 73 from Corwin Road eastwardly to Clark Street in the Village of Harveysburg (Corps of Engineers Extension; 5/10/2043 - Resolutions 86-486 and 86-509/US Treasurer - 02-1385)

\$11.73/ff

**NICKEL ROAD**

- 1. Water improvements consist of approximately 1,078 feet of eight-inch ductile iron water main extending westward starting from the terminus of the existing line at the north east corner of 6723 Nickel Road and as in the figure below (6/8/2031 - Resolution 21-0772).

\$45.00/ff



9.05 SYSTEM CAPACITY CHARGES - WATER

- a. Prior to (i) any connection of improved property to a water supply system, or

extension thereof, or additional water service being provided to a property now or hereafter connected to the water system as a result of an expansion or change in the nature of the use of the property which results in increased water usage, for which transmission and treatment service are provided by another political subdivision under written contract or agreement with the County Commission or (ii) recording of subdivision plat, if applicable, a release of the property for water service must be issued by the County.

Prior to the issuance of a release of a property for water service, the appropriate Tap-In Charge shall be paid in full for all connections to a water supply system, or for additional water service to properties, within the following areas. If connection fees are collected by the other political subdivision, the Tap-In Charge shall be calculated as provided in Section 9.02e, with the connection fees of the other political subdivision being treated as System Capacity Charges for purposes of calculating the appropriate Tap-In Charge.

1. Pennyroyal Area - Franklin Township

All properties within the area generally bounded as follows, except for properties annexed to the City of Springboro:

- South: City of Franklin Corporation Line
- East: Great Miami River
- North: Warren County - Montgomery County line
- West: I-75

9.06 CAPACITY CHARGES - WATER

- a. A Capacity Charge shall be applicable to all connections of improved property to a water supply system, or extension thereof, constructed by revenue financing and to all additional water service requirements for a property now or hereafter connected.
- b. Prior to (i) the connection to the water supply system, (ii) recording of subdivision plat, if applicable, or (iii) issuance of a building permit by the Warren County Building Department, the Capacity Charge, in addition to the Tap-In Charge and all other applicable charges, shall be paid in full for the following areas:

Clearcreek Township

- 1. A Capacity Charge of \$710.00 per single-family equivalent residential unit shall be applicable to the first twenty (20) lots subdivided by John E. Sulfsted on Parcel 16-28-100-016 and Parcel 09-28-300-001.
- 2. A Capacity Charge of \$500.00 per single-family residential unit shall be applicable for any structure provided water service on Red Lion-Five Points Road from Clear Creek northwardly approximately 6200 feet to State Route 73, or any extension thereof.

3. A Capacity Charge of \$62.50 per single-family residential unit shall be applicable for any structure provided water service within the Eagle Hill and Pine Lane Farm Estates Subdivisions upon application for water service.

Deerfield-Hamilton Townships

1. A Capacity Charge of \$500.00 per equivalent single-family residential unit (ERU) shall be applicable for any structure provided water service by the herein described improvements, or any extension thereof.
  - i) South Grandin Road, from the water treatment plant eastwardly approximately 1500 feet to Striker Road.
  - ii) Hopkins Road, from U.S. 22 & 3 southwardly approximately 1150 feet to the north property line of Parcel 16-04-127-001.
  - iii) Striker Road, from Grandin Road southwardly to U. S. 22 & 3.
  - iv) U. S. 22 & 3 from Overbrook Drive southwestwardly approximately 2500 feet to Old 3C Highway.
  - v) Old 3C Highway, from U. S. 22 & 3 westwardly approximately 2100 feet to the Little Miami River.
  - vi) Foster-Maineville Road, from Old 3C Highway southwestwardly approximately 1800 feet to Butterworth Road.
  - vii) Socialville-Foster Road, from Old 3C Highway northwestwardly approximately 700 feet to the Lower Little Miami Wastewater Treatment Plant.
  - viii) Candlemaker's Lane, from Weavers Lane eastwardly approximately 1400 feet to the Lower Little Miami Wastewater Treatment Plant.
  - ix) Socialville-Foster Road from Interstate 71 westwardly approximately 12,200 feet to Snider Road.
  - x) Socialville-Foster Road, from Snider Road westwardly approximately 340 feet.
  - xi) Snider Road, from Socialville-Foster Road southwardly approximately 6,200 feet to the terminus of the existing water system, approximately 200 feet north of Snidercrest Road.
  - xii) Irwin-Simpson Road, from Mason-Montgomery Road westwardly approximately 5,300 feet to Snider Road.

- xiii) Mason-Montgomery Road, from Socialville-Foster Road southwardly approximately 5,500 feet to Irwin-Simpson Road.

Franklin Township

- 1. A Capacity Charge of \$500.00 per single-family residential unit shall be applicable for any structure provided water service on Manchester Road, from Shaker Road eastwardly approximately 2300 feet to the first bend in the road at Section Line 29/35, or any extension thereof.

Turtlecreek – Union – Deerfield Townships

- 1. A Capacity Charge of \$200.00 per equivalent single-family residential unit (ERU) shall be applicable for any structure provided water service by an extension of the following improvements:
  - i) State Route 63, from State Route 741 eastwardly to a point approximately 100' east of McClure Road;
  - ii) McClure Road, from State Route 63 southwardly and eastwardly to State Route 42;
  - iii) Keever Road, from State Route 42 westwardly and northwardly to Hamilton Road;
  - iv) Hamilton Road, from State Route 63 westwardly to Butler-Warren Road;
  - v) State Route 741, from Hamilton Road (west) northwardly to Hamilton Road (east);
  - vi) State Route 42, from McClure Road southwestwardly to a point approximately 800' southwestwardly of Bone Road;
  - vii) Columbia Road, from State Route 42 southwardly approximately 1400';
  - viii) Bone Road, from State Route 42 eastwardly approximately 300';
  - ix) Nickel Road, from Hamilton Road northwardly and westwardly to a point approximately 3900' west of Union Road;
  - x) Butler-Warren Road, from Hamilton Road northwardly to a point approximately 1350' south of Nickel Road;
  - xi) Harvey Road, northwardly from Brewer Road (entire length);
  - xii) Brewer Road, eastwardly from a point 3465' east of Butler-Warren Road (approximately 2647' west of Harvey Road) at the east property line of Parcel 11-02-200-001 (62.53 Ac) eastwardly approximately 6331' (approximately 3684' east of



Harvey Road) to the east property line of Parcel 12-33-451-002 (7.54 Ac).

#### 9.07 CONNECTIONS TO SEWER SYSTEM

- a. When connections are made to the sewerage system or additional sanitary sewer service is required for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system, a Connection Charge shall be paid. In addition, a Non-Participant Charge, System Capacity Charge, Capacity Charge and/or Supplemental Sanitary Sewer Connection Charge may be applicable, either singly or in combination.
- b. The lots and parcels of land specifically covered by the Non-Participant Charges, System Capacity Charges, Capacity Charges and/or Supplemental Sewer Connection Charges, described herein, are set forth and delineated in the offices of the County Auditor and the Water and Sewer Department, to which reference is hereby made for identification purposes.
- c. Prior to the issuance of a building permit, all applicable Fees and Charges must be posted with the Water and Sewer Department. A release will then be issued to the Building Department.

#### 9.08 CONNECTION CHARGE

- a. A Connection Charge shall apply to all connections of improved properties, whether residential, commercial, industrial, or manufacturing, to the sewerage system.
- b. Prior to (i) the installation of building sewers or (ii) issuance of a building permit by the Warren County Building Department, the Connection Charges, and all other applicable charges, shall be paid in cash and in full.

Upon payment, a Connection Charge, and all other applicable charges, is assigned to a parcel or platted lot. A Connection Charge, and all other applicable charges, cannot be reassigned to another parcel or platted lot. Only one Connection Charge can be purchased per parcel or platted lot.

- c. The proceeds of the Connection Charges shall be held in a separate and distinct fund, designated as the "Sanitary Sewer Revenue Fund". Payment from said Sanitary Sewer Revenue Fund shall be applied in the following order of priority:
  - i) To the conduct, management, maintenance and operation of the sewerage system;
  - ii) to the payment of interest or principal of any loan, indebtedness or liability

incurred in connection therewith; and

- iii) any surplus thereafter remaining may be applied to the enlargement, extension, or replacement of the sewerage system.
- d. Except where a System Capacity Charge is applicable, a Connection Charge shall be charged for all connections made to any sewerage system, or when additional sanitary sewer service is required for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system.

i) Single Family Residential The Connection Charge for single-family residential dwelling unit shall be as set forth below:

	<u>4/1/2024</u>
Single Family Residential Unit	\$5,500.00

ii) Multifamily Residential Developments The Connection Charge for multifamily customers including, but not limited to apartments, condominiums, landominiums, and cottages shall be based equivalent residential units (ERU). The ERU calculation shall be based on Ohio EPA's 1993 Division of Surface Water Design Flow Guidelines. A copy of the guideline is included in **Appendix A**. One ERU is the water usage or wastewater generated from a single family home as based on Ohio EPA design guidelines and is established as 400 gallons/day.

iii) Nonresidential The Connection Charge for nonresidential customers, including but not limited to retail, commercial, governmental, and public properties shall be based on equivalent residential units (ERU). The ERU calculation shall be based on Ohio EPA's 1993 Division of Surface Water Design Flow Guidelines.

iv) Assisted Living Developments The Connection Charge for Assisted Living Developments shall be based on ERUs with each assisted living unit assigned a sewer flow amount of 225 gallons/day/unit.

- e. Where a System Capacity Charge is applicable, a Reduced Connection Charge based on equivalent single-family residential units shall be charged for all connections made to any sewerage system, or additional sanitary sewer service is required for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system. The sewer system Capacity Fee shall be collected in accordance with Section 9.11:

If the sum of the Connection Charge and the System Capacity Charge is less than the comparable Connection Charge in Section 9.08d above, the Connection Charge within this Subsection shall be increased as necessary to make the sum of the Connection Charge and System Capacity Charge equal the Connection Charge in Section 9.08d.

If the sum of the Connection Charge and the System Capacity is more than the comparable Connection Charge in Section 9.08d above, the Connection Charge within this Subsection shall be reduced as necessary to make the sum of the Connection Charge and System Capacity Charge equal the Connection Charge in Section 9.08d. However, any such reduction shall be limited to the amount of the Capacity Charge within this Subsection.

9.09 NON-PARTICIPANT CHARGES - SANITARY SEWER (PUBLIC CONSTRUCTION)

- a. When connections are made to a sewerage system or additional sanitary sewer service is required for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system, owners of improved property, whether residential, commercial, industrial or manufacturing, may have to pay a Non-Participant Charge in addition to the Connection Charge, as set forth in the proceedings undertaken by the County Commission.
- b. All Non-Participant Charges shall be paid in cash and in full prior to (i) connection to the sewerage system, (ii) recording of subdivision plat, if applicable, or (iii) issuance of a building permit by the Warren County Building Department.
- c. The following Non-Participant Charges shall be deposited in the special assessment Bond Retirement Fund as directed by legislation of the County Commission until such time as the outstanding obligations issued therefore have been paid in full. Thereafter, the Non-Participant Charges shall be deposited in the Sanitary Sewer Revenue Fund to be applied to the enlargement, replacement or extension of the sewerage system:

1. CARLISLE AREA

- i) The Non-Participant Charge is \$1500.00 for each equivalent single-family residential unit on any property abutting the sanitary sewer constructed as part of the original system, but not included in the computation of the special assessments (Benefit Charge and/or Capacity Charge). If a Benefit Charge (\$1300.00) and/or a Capacity Charge (\$200.00) was assessed against any such property, the Non-Participant Charge shall be reduced by said amounts.

2. HUNTER AREA OF DICK'S CREEK AREA

- i) For sewers in the Hunter Area of the Dick's Creek Sewer Improvement Area, as delineated by Resolution 04-48, the Non-Participant Charge is \$4000.00 per single-family residential unit.

3. HOFF RUN NORTH SUBDISTRICT

- i) At such time as sanitary sewer service is initiated to a property, by

an extension or direct connection to the existing sanitary sewer, or additional sanitary sewer service is required for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system, the following Non-Participant Charges (per 1000 gallons per day) shall be applicable:

**2024**      **\$1530**

4.      LOWER LITTLE MIAMI AREA

- i)      The Non-Participant Charge is \$1500.00 for each equivalent single-family residential unit on any property abutting a sanitary sewer constructed as part of the **original sewerage system**, but not included in the computation of the special assessments.
- ii)     For the extension in **Grandin Road**, from a point approximately 700 feet west of State Route 48, at the east property line of Parcel 16-05-201-010 and continuing westwardly approximately 1,587 feet, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.
- iii)    For the extension in **State Route 48**, approximately 950 feet north of U. S. Route 22-3, westwardly and northwardly within an easement approximately 3,677 feet to Grandin Road, the Non-Participant Charge is \$1500.00 per single-family equivalent residential unit.
- iv)     For the extension in **Vivian Drive**, from Columbia Road eastwardly approximately 1130 feet to the Ashwood Subdivision (consisting of Lots 4, 6, and 10-26 of the Golden Crest Subdivision), the Non-Participant Charge is \$2,620.00 per single family residential unit.
- v)      For sewers in the **Kings Mills Sewer Improvement Area**, as delineated in Resolution No. 93-622, the Non-Participant Charge is \$3069.00 per single-family residential unit.
- vi)     For sewers in the **Simpson Creek Sewer Improvement Area**, as delineated by Resolutions 93-483 and 93-784, the Non-Participant Charge is \$1500.00 per single-family residential unit.
- vii)    For the extension in **Fields Ertel Road**, as delineated in Resolution 00-996, from a point approximately 1150 feet west of Columbia Road, eastwardly approximately 2470 feet to a point

approximately 1320 feet east of Columbia Road at the west property line of the Ashwood Subdivision; in Columbia Road, from Fields Ertel Road northwardly approximately 450 feet to a point approximately 105 feet south of Vivian Drive; and Columbia Road, from a point approximately 120 feet north of Vivian Drive northwardly approximately 387 feet to the south property line of Walnut Grove Subdivision, the Non-Participant Charge is \$4300.00 per single-family residential unit.

- viii) For sewers in the **Sherman Terrace Sewer Improvement Area**, as delineated in Resolution 00-1004, and the Snider Road Sewer Improvement Area, as delineated in Resolution 00-1006, in Snider Road, from Socialville-Foster Road northwardly approximately 2150 feet to the north property line of the Lea-Wood Acres Subdivision and southwardly approximately 900 feet to the north property line of the Deerfield Township Fire Rescue Station 56; in Socialville-Foster Road, from Snider Road westwardly approximately 3250 feet to the west property line of the Farmcrest Estates Subdivision; and the entire length of the following roads:

Sherman Terrace Drive  
Parkview Circle  
Crest Acres Drive  
Greenfield Drive

Meadowbrook Drive  
Lakeview Drive

The Non-Participant Charge is \$4000.00 per single-family residential unit.

- ix. RIVER'S BEND TOWNE CENTER

For the sewer from State Route 48 to Sumco Phoenix Corporation which was relocated to minimize any impact on lots within the River's Bend Towne Center subdivision and sized to provide capacity to said subdivision, the Non-Participant Charge is \$66,167.00 for Parcel 16-05-251-037 (28.2943 acres).

- x. **SIDERITIS FAMILY LIMITED PARTNERSHIP PROPERTY**

A \$2,000 Non-Participant Fee shall be placed on the first eleven (11) single-family equivalent residential units for the future development of the 16.255 Acre parcel (No. 16-06-100-008) in which water and sewer service is provided from **Emerald View Drive and Glen Abbey Drive** within the Fairways at **River's Glen Subdivision**.



xi. **THORNTON GROVE SUBDIVISION**

Thornton Grove Subdivision, 21 Oak Subdivision, properties with frontage on U.S. 22-3 and a portion of the Oeder property on the southeast corner of Zoar and Ford Roads, for connections to a sanitary sewer on properties west and southeast of the Wedgwood Subdivision which are provided sanitary sewer service by the Wedgwood pump station, the Non-Participant Charge is \$569.00 per single-family equivalent residential unit (Grand Communities, Ltd.;).

xii. Upper Simpson Creek Area, from the existing sanitary sewer along Simpson Creek at Mason-Montgomery Road, northwestwardly to Socialville-Foster Road, just east of Snider Road, with properties north of Socialville-Foster Road served by a pump station and forcemain with a discharge to the aforesaid sewer (Hills-Dixon, Limited;

\$1500/Acres  
See Resolution 97-1518 for complete list of properties

5. **WAYNESVILLE REGIONAL WWTP SERVICE AREA**

i) The Non-Participant Charge is \$1500.00 shall be collected for each equivalent single-family residential unit on all new sanitary sewer customers that receives sewer service from the Waynesville Regional Wastewater Treatment Plant.

6. **MORROW-ROACHESTER AREA**

- i) For the sewers in the Morrow-Rochester Sewer Improvement Area, as delineated in Resolution #92-709, the Non-Participant Charge is \$3,070.00 per single family residential unit.

7. POLK RUN AREA

- i) For the sewers in the Lake Chetac Sewer Improvement Area, as delineated in Resolution 96-929, the Non-Participant Charge is \$4700.00 per single family residential unit.
- ii) For the sewers in Fields-Ertel Road, from existing sewer in Tee-Gee Subdivision to the Kings Automall.  
See Legislation
- iii) For the sewers in the Snidercrest Road Sewer Improvement Area, as delineated in Resolution 00-1004, in Snidercrest Road, from a point approximately 377 feet west of Snider Road, westwardly approximately 2340 feet to the Montgomery Farm Subdivision, the Non-Participant Charge is \$4000.00 per single-family residential unit.

9.10 NON-PARTICIPANT CHARGES - SANITARY SEWER (PRIVATE CONSTRUCTION)

- a. In addition to Connection Charges, Non-Participant Charges shall apply to all connections of improved properties and to the additional sewer service required for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system, whether residential, commercial, industrial, or manufacturing, to an extension of a sewerage system constructed pursuant to a private contract providing for reimbursement of original cost when such properties were non-participants in the original cost. (See Section 10.02)
- b. Prior to (i) the connection to the sewerage system, (ii) recording of subdivision plat, if applicable, or (iii) issuance of a building permit by the Warren County Building Department, the Non-Participant Charge shall be paid in cash and in full.
- c. For a period of ten (10) years after completion of construction, the proceeds of the Non-Participant Charges shall be held in separate and distinct funds designated as the "Reimbursement Fund for the \_\_\_\_\_ Sewer Improvement", to be paid quarterly to the individual, organization, or agency of private enterprise that constructed the extension. After the ten (10) year period, the proceeds of the Non-Participant Charges shall be deposited in the Sanitary Sewer Revenue Fund.
- d. The following Non-Participant Charges represent a prorated share of the original cost of the improvement, as more particularly set forth in legislation of the County Commission:

LOWER LITTLE MIAMI SEWER IMPROVEMENT AREA

1. Bear Run/Salt Run Area, for all connections to a sewer tributary to the Village on the Green Subdivision pump station, except properties within the Village on the Green Subdivision, the Non-Participant Charge is \$386.16 per acre (Brisben; 10/12/23- Resolution15-2184).



9.11 SYSTEM CAPACITY CHARGES - SANITARY SEWER

- a. System Capacity Charges shall apply to all connections of improved property to a sewerage system, or extensions thereof or additional sewer service being provided to a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system, for which sanitary sewage collection is provided by the County, while wastewater treatment service is provided by another political subdivision under written contract or agreement with the County Commission which establishes fees and charges to be collected by the County on behalf of the other political subdivision.

Prior to (i) the connection to the sewerage system or (ii) recording of subdivision plat, if applicable, the System Capacity Charge, in addition to the Connection Charge and all other applicable charges, shall be paid in full.

The following System Capacity Charges have been established by written agreement:

1. CARLISLE AREA

The System Capacity Charge for residential units shall be \$1,166..

The System Capacity Fee increases annually based on the Consumer Price Index (CPI-U) for Cincinnati for the previous 12 months.

System Capacity Charges for other than an equivalent single family residence shall be the System Capacity Charge multiplied by a factor representing the number of equivalent single family residences.

The System Capacity Charge for structures other than residential units shall be based on Ohio EPA's "Suggested Sewage Flow Guide", with an estimated sanitary sewage flow of 400 gpd for a single-family residence.

2. HUNTER AREA – DICK’S CREEK SEWER IMPROVEMENT AREA

The System Capacity Charge for residential units shall be \$1,166..

The System Capacity Fee increases annually based on the Consumer Price Index (CPI-U) for Cincinnati for the previous 12 months.

System Capacity Charges for other than an equivalent single-family residence shall be the System Capacity Charge multiplied by a factor representing the number of equivalent single-family residences.

The System Capacity Charge for structures other than residential units shall be based on Ohio EPA’s “Suggested Sewage Flow Guide”, with an estimated sanitary sewage flow of 400 gpd for a single-family residence.

3. POLK RUN AREA

In accordance with Section 10 of the 2013 Agreement with Hamilton County (Resolution 13-1232), a System Capacity Fee (aka Connection Fee) shall be collected and paid monthly to Cincinnati MSD as follows:

40% of MSD Current Tap-in Rate

2024 MSD Tap-in Fee Rate = \$5,350.00

\$5,350.00\* 40% = \$2,140.00

The System Capacity Charge for structures other than single-family residences shall be based on Ohio EPA's "Suggested Sewage Flow Guide", with an estimated sanitary sewage flow of 400 gpd for a single-family residence.

4. NORTHWEST DEERFIELD AREA

The System Capacity Charge for an equivalent single-family residential unit shall be a total of the following charges:

	<u>1/1/2024</u>
<u>South of Mason Road and Woods at the Heritage Subdivision</u>	
A. Butler County Trunk Sewer Capacity Fee	\$3,217.50
B. Butler County Trunk Treatment Capacity Fee	\$4,900.00
C. Butler County Lift Station Supplemental Fee	\$900.00
D. Deerfield Township Capacity Charge	<u>\$300.00</u>
	\$9,317.50
<u>North of Bethany Road and Northridge Village Subdivision</u>	
A. Butler County Trunk Sewer Capacity Fee	\$3,217.50
B. Butler County Trunk Treatment Capacity Fee	\$4,900.00
C. Deerfield Township Capacity Charge	<u>\$300.00</u>
	\$8,417.50

With the concurrence of Butler County, the System Capacity Charge for structures other than single-family residences shall be based on Ohio EPA’s “Suggested Sewage Flow Guide”, with an estimated sanitary sewer flow of

400 gpd for a single-family residence.

The System Capacity Charge for situations not covered by Ohio EPA's "Suggested Sewage Flow Guide" shall be established by the Director of Environmental Services of Butler County, with the mutual approval of the County Commission and the Butler County Board of Commissioners.

Butler County's Treatment Capacity Fee and Trunk Sewer Capacity Fee are subject to change from time to time.

## 9.12 CAPACITY CHARGES - SANITARY SEWER

a. A Capacity Charge shall be applicable to all connections of improved property to a sewerage system, or extension thereof, constructed, or to be constructed, by revenue financing and for the additional sanitary sewer service requirements for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system.

b. Prior to (i) the construction to the sewerage system, (ii) recording of subdivision plat, if applicable, or (iii) issuance of a building permit by the Warren County Building Department, the Capacity Charge, in addition to the Connection Charge and all other applicable charges, shall be paid in full for the following areas:

### 1. HUNTER AREA – DICK'S CREEK SEWER IMPROVEMENT AREA

The Capacity Charge is \$1000.00 for each single-family equivalent residential unit which is provided sanitary sewer service by an extension of the sewerage system constructed by Warren County.

### 2. LOWER LITTLE MIAMI AREA

#### A. Deerfield Township

The Capacity Charge is \$200.00 for each single-family equivalent residential unit on a property which is provided sanitary sewer service by an extension of the original sewerage system.

#### B. Hamilton Township

The Capacity Charge is \$750.00 for each single-family equivalent residential unit on a property which is provided sanitary sewer service by an extension of the sewerage system constructed by Warren County.

#### C. Hamilton Township - all areas tributary to the Village on the Green pump station, except the Village on the Green Subdivision:

For 2024, the Capacity Charge for single-family residential units shall be \$1371.29

The Capacity Charge increases by 4% per year.

Capacity Charges for other than an equivalent single-family residence shall be the Capacity Charge multiplied by a factor representing the number of equivalent single-family residences.

The Capacity Charge for structures other than residential units shall be based on Ohio EPA's "Suggested Sewage Flow Guide", with an estimated sanitary sewage flow of 400 gpd for a single-family residence.

D. Hamilton Township - the following properties east of the Village on the Green Subdivision:

Subdivision	# of		Salt Run	Total
	Lots	Providence		
Wellington Estates Subdivision (Hildebrant Estates 2 & 6)	74	\$66.84 +	0 =	\$66.84
Wellington Glen (Hildebrant Estates 1)	78	\$66.84 +	0 =	\$66.84
Eagle's Pointe	151	\$66.84 +	0 =	\$66.84
Stotler II	371	\$66.84 +	\$16.79 =	\$83.63

For 2024, the Capacity Charge as listed above shall be applicable to each single-family residential unit within the above listed subdivisions. The Capacity Charge increases 4% per year.

Capacity Charges for other than an equivalent single-family residence shall be the Capacity Charge multiplied by a factor representing the number of equivalent single-family residences.

The Capacity Charge for structures other than residential units shall be based on Ohio EPA's "Suggested Sewage Flow Guide", with an estimated sanitary sewage flow of 400 gpd for a single-family residence.

This Capacity Charge is in addition to other charges listed above.

3. MASSIE-WAYNE AREA

The Capacity Charge is \$250.00 for each single-family equivalent residential unit on a property which is provided sanitary sewer service by an extension of the original sewerage system.

4. CARLISLE AREA

The Capacity Charge is \$200.00 for each single-family equivalent residential unit on any property which is provided sanitary sewer service by an extension of the original sewerage system.

5. KINGS MILLS AREA

The Capacity Charge is \$200.00 for each single-family equivalent residential unit on any property which is provided sanitary sewer service by an extension of the original sewerage system or by a pump station which discharges to the original sewerage system.

6. MORROW-ROACHESTER AREA

The Capacity Charge is \$1500.00 for each single-family equivalent residential unit which is provided sanitary sewer service by the original sewerage system, or an extension thereof.

7. SIMPSON CREEK AREA

The System Capacity Charge is \$500.00 per acre which is provided sanitary sewer service by the original sewerage system, or an extension thereof.

8. SOUTH DEERFIELD AREA

The Capacity Charge is \$350.00 per equivalent single-family residential unit which is provided sanitary sewer service by the original sewer system, or an extension thereof.

## 9.13 SUPPLEMENTAL SANITARY SEWER CONNECTION CHARGES

Prior to (i) connection to the sewerage system, (ii) recording of a subdivision plat, if applicable, or (iii) issuance of building permit by the Warren County Building Department, a Supplemental Sanitary Sewer Connection Charge of \$400.00 shall be applicable to each equivalent single-family residential unit within the following areas dependent upon a pump station to be provided sanitary sewer service and for the additional sanitary sewer service requirements for a property now or hereafter connected to the sewerage system as a result of an expansion or a change in the nature of the use of the property which results in an increased discharge to the sewerage system.

1. Rivers Edge Subdivision
2. White Pines Subdivision
3. Ashwood Subdivision
4. Kings Mills Technical Center
5. Lakeview Estates Subdivision
6. Sycamore Trails II (Lots 6 - 77)
7. Water's Edge Subdivision
8. Riverwalk Subdivision
9. Richwood Subdivision
10. Water Stone Subdivision
11. Fosters Run Subdivision
12. Fosters Pointe Subdivision, Sec. 3, Phase II - Lots 25-153/Future Sections & Lot 193
13. Wedgwood Subdivision
14. Ashwood East Subdivision
15. Village on the Green Subdivision
16. Bear Run Subdivision
17. Meadows Subdivision
18. Cherrybrook Subdivision
19. Thornton Grove Subdivision (portions)
20. River's Bend Golf Community (portions)
21. Hunters Green Subdivision
22. Greenfield Place Subdivision
23. The Estates at Heritage Pointe
24. The Reserves at Heritage Pointe
25. The Greens at Crooked Tree
26. Northridge Village Subdivision
27. The Woods at the Heritage Subdivision
28. Chestnut Hills

## SECTION X ADDITIONS AND EXTENSIONS OF WATER AND SEWERAGE SYSTEMS

### 10.01 GENERAL

- a. When requested or petitioned, the County Commission may proceed within the provisions of the Sewer District Law to extend any water supply or sewerage system. The financing of any such additions or extensions may be provided by: (1) revenue bonds issued in full compliance with the terms of existing bond resolutions and trust agreements; (2) special assessments, levied against benefitted properties; (3) general obligation revenues bonds; (4) the replacement and improvement fund or surplus funds; (5) cash payments by benefitted property owners; (6) some combinations of the above, as determined by the County Commission.
- b. The County Commission, upon application by an individual, organization, or agency of private enterprise may, by resolution, grant permission to such individual, organization or agency to construct at its cost water supply or sewerage improvements by private contract under the supervision of the Sanitary Engineer, as discussed in Section 10.02.
- c. All water supply or sewerage systems, or extensions thereof, shall be constructed in accordance with the detail plans and specifications prepared by a Professional Engineer and approved by the Sanitary Engineer.
- d. All water supply or sewerage systems, or extensions thereof, shall be constructed across the property to which service is to be provided in all situations where further extensions are possible in the future.

If, at the time of application for water and/or sanitary sewer service, the County Commission determines that it is not feasible to extend the water supply and/or sewer system across the entire frontage of the property to be served, it may be possible to enter into a "Service Agreement" whereby water and/or sewer service is provided by a connection to the existing water supply and/or sewerage systems. By the Service Agreement, the property owner agrees to petition for and pay his/her portion of the cost of extending the water supply and/or sewerage system across the property. If the property owner fails to cooperate with the County, the Sanitary Engineer shall have the right to terminate water and/or sewer service to the property.

- e. Connections to the water supply or sewerage systems shall not be permitted until:
  - i) Construction of the sanitary sewer or water system is completed and approved by the County.
  - ii) Verification of "as-built" locations, alignments, depths and grades of all new public water and sanitary sewers is provided.
  - iii) As-built reproducible drawings must be submitted within two (2) months of first connection being made to the water or sewerage systems.

## 10.02 PRIVATE CONSTRUCTION OF WATER AND SEWERAGE SYSTEMS

### a. REIMBURSEMENT OF ORIGINAL COST

- i) Pursuant to Section 307.73 of the Revised Code, the County Commission may, by resolution, permit the construction of water mains or sanitary sewers by an individual, organization or agency of private enterprise (the "Applicant"). Such resolution shall authorize the collection of prorated shares of the original cost of such improvement (the "Non-Participant Charge") as provided by law. The information to be provided by the Applicant may be obtained from the Sanitary Engineer.
- ii) Such resolution shall be filed by the Applicant with the County Auditor, which filing shall constitute constructive notice thereof to Non-Participants in the original cost of the improvement (the "Non-Participant").
- iii) The Non-Participant Charge shall be based upon a unit charge and/or front footage charge and shall not be in excess of the amount chargeable to such Non-Participant had he participated in the original cost of the aforesaid improvement. When construction has been completed, all costs must be submitted by the Applicant to the Sanitary Engineer for verification and recommendation to the County Commission for acceptance and approval, including the determination of the Non-Participant Charge.
- iv) After the Non-Participant Charge is determined, a description of the properties abutting the improvement, the unit charge and/or front footage charge to be paid by each Non-Participant must be approved by resolution of the County Commission and certified to the County Auditor for collection.
- v) Prior to any connection to the improvement by a Non-Participant, the County Auditor shall collect the Non-Participant Charge for reimbursement to the Applicant.
- vi) The term of a reimbursement shall not exceed ten (10) years.
- vii) No subsequent assignee or grantee of the Applicant shall be considered a Non-Participant.

### b. GUARANTEES OF ALL PRIVATE CONSTRUCTION, INCLUDING REIMBURSEMENT EXTENSIONS

All water supply and sewerage systems constructed by Applicants shall be guaranteed against any and all defects of workmanship and materials for a period of one (1) year from the date of acceptance by the County Commission. The cost of all labor, materials, tools, equipment and any incidentals required to maintain, repair and



replace any part of the improvement, including streets or road repairs, trench maintenance, and restoration of lawns, driveways, walks, shrubs, etc., during the one (1) year guarantee period shall be assumed by the Applicant. As a guarantee for payment of such cost, said Applicant shall remit to the County Commission a maintenance bond in the amount of ten percent (10%) of the construction cost and in a form satisfactory to the County Commission. At the end of the one (1) year period and at the written request of the Applicant, the County will make a final inspection of the water supply or sewerage systems and, if such improvements meet all applicable standards and requirements of the County, the maintenance bond will be released and the improvements accepted for maintenance and operation by the County.

#### 10.03 OVERSIZING

- a. In some instances the County Commission, upon recommendation of the Sanitary Engineer, may determine that the size of a water main or sanitary sewer should be increased for future expansion.
- b. When determined by the County to be necessary, the oversized facilities shall be installed by the developer.
- c. The County may pay the difference, as determined by the Sanitary Engineer pursuant to this Subsection, in the cost of oversizing water mains in excess of eight (8) inches in diameter and sanitary sewers in excess of eight (8) inches in diameter.

## SECTION XI DEVELOPMENT PROCEDURES

### 11.01 PROCEDURES

The following briefly summarizes the procedures which must be followed in order to provide water and/or sanitary sewer service to a tract of ground. A more detailed discussion of each item follows within this Section.

- a. Detail plans and specifications for the proposed improvements must be submitted for the approval of the County. Plan review and inspection fees must be posted prior to approval of the plans.
- b. Construction can only be initiated upon compliance with the following:
  - i) Approval of detail plans and specifications
  - ii) Posting of performance bond
- c. Upon completion of construction, "as-built" drawings must be prepared and a maintenance bond posted.
- d. Prior to recording subdivision plats, the following Fees and Charges must be posted with the Water and Sewer Department for all lots/parcels to which water service laterals and/or sewer service laterals are installed by the developer/owner as part of the subdivision improvements:

Water

Non-Participant Charge (Public Construction)  
Non-Participant Charge (Private Construction)  
Capacity Charge

Sewer

Non-Participant Charge (Public Construction)  
Non-Participant Charge (Private Construction)  
Capacity Charge  
Supplemental Sewer Capacity Charge
- e. Prior to the issuance of a building permit, all applicable Fees and Charges must be posted with the Water and Sewer Department. A release will then be issued to the Building Department.

- f. Connection and/or Tap-In Permits shall be issued only upon acceptance of the water supply or sewerage improvements by the County Commission and compliance with the requirements of Sections V and IX of the Rules and Regulations.
- g. After payment of all applicable Connection Fees and Charges and in compliance with all provisions of these Rules and Regulations, water and/or sanitary sewer service may be initiated to a property during the construction of the structure to which service is to be provided. Upon completion of construction of the structure and at the request of the contractor, the water and/or sanitary sewer account shall be transferred/released from the builder/contractor to the property owner only after a final inspection by Department personnel and approval of the following:
  - i) Inside: Sump Pump, Foundation Drains, Plumbing Alterations, Roof Drains, etc.
  - ii) Outside: Sump Pump Discharge, Manholes, Meter Pit, Valves, Fire Hydrants, etc.

#### 11.02 DETAIL PLANS - REQUIREMENTS

- a. A minimum of two (2) sets of construction plans, accompanied by the design computation sheets, and one (1) PDF electronic set, shall be submitted for the approval of the County.
- b. Any plans or specifications which are improperly prepared or accompanied by insufficient or inaccurate information may be rejected by the Sanitary Engineer, whereupon, revised plans and specifications or more sufficient data shall be required.
- c. The submission to and approval of the plans and specifications for water supply and/or sewerage improvements by the County does not relieve the owner from compliance with the requirements of the Ohio Environmental Protection Agency with respect to its approval of the plans and specifications for the proposed improvements.
- d. The authorization to construct any water supply or sewerage system shall be issued by letter from the Sanitary Engineer.
- e. Any deviation from approved plans and specifications shall be submitted to and approved by the County before any such changes are made. "As-built" plans clearly showing such changes shall be submitted at the completion of the work.
- f. Detail plan approval shall be good for only six (6) months, after which time they must be resubmitted for reapproval unless construction has been initiated.

### 11.03 PLAN REVIEW AND INSPECTION FEES

Prior to the approval of the detail plans and specifications by the County, the following plan review and inspection fees must be posted:

- a. County Plan Review - 0.5% of estimated construction costs plus \$100.00.
- b. Ohio EPA - Permit to Install Application Fee  
- Permit Fee
- c. New construction inspection fee - 1.50% of estimated construction costs.

### 11.04 PERFORMANCE BOND

- a. A performance bond in the amount of one hundred thirty percent (130%) of the engineer's estimate or contract amount, as approved by the Sanitary Engineer, may be required to be posted with the County Commission prior to the initiation of construction.
- b. The release of the performance bond requires:
  - i) completion of construction, with all manholes, valve boxes and other appurtenances set to grade;
  - ii) submission of approved "as-built" drawings to the County;
  - iii) posting of a one (1) year maintenance bond equal to ten percent (10%) of the construction costs;
  - iv) recording of all easements;
  - v) satisfactory completion of all testing and all required repairs; and
  - vi) certification of grade on sewer inverts by a registered surveyor.

### 11.05 CONSTRUCTION

- a. The design, materials and workmanship must conform in all respects to the requirements of the specifications of the County, which shall be considered as minimum specifications. Whenever these provisions are different from the requirements of other lawfully adopted regulations, the more restrictive rule or higher standard shall prevail. If the proposed improvements are to be constructed by contract, the contract shall contain this stipulation.

- b. All construction must be performed in the presence of an inspector of the County. The cost for all such inspection must be borne solely by the owner.
- c. At least seven (7) days prior to the proposed starting date, the owner or his contractor shall submit a request for a pre-construction meeting.
- d. If the Sanitary Engineer has proof or evidence that any such work is being improperly performed, he may order all work stopped and the owner or his contractor shall thereupon cease construction and shall not resume until authorized in writing by the Sanitary Engineer to do so.
- e. 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 such work and shall agree to comply with all requirements of the authority issuing such permit.
- f. No provision of these Rules and Regulations shall be so construed as to relieve the owner from the responsibility to furnish all private engineering and surveying services necessary in connection with the improvements.
- g. The County expressly disclaims any responsibility for the accuracy or completeness of any information given by any employee of the County in regard to existing structures.
- h. All construction must be performed in accordance with the approved detail plans. All construction not in compliance with said approved plans must be reconstructed in accordance with said plans.

#### 11.06 INSPECTION

- a. All construction and testing must be completed in the presence of and with the approval of an inspector of the County.
- b. All materials and workmanship must be in compliance with the specifications of the County.
- c. If the County determines that any work is improper, it may order all work stopped. Work shall not proceed until the owner has received written permission from the County to do so.

#### 11.07 MAINTENANCE BOND

All water supply and sewerage systems shall be guaranteed by the owner for a period of one (1) year from the date of such improvements are accepted for use by the County. This guarantee shall include any and all defects and deficiencies in workmanship and material. The cost for all labor, materials, tools, equipment and other incidentals required to maintain, repair and replace any or all water supply and sewerage system improvements and to maintain the same in good and proper condition, excluding ordinary wear and tear, during the one (1)

year guarantee period shall be assumed by the owner. In the event the owner fails to make such maintenance, repairs, or replacements within a reasonable time after receiving notice in writing from the County or in the event of an emergency which may endanger life or property, the County may make, or cause to be made, such repairs or replacement at the expense of the owner. In order to indemnify the County for such expenses of any such repair or replacement made by or at the direction of the County, a maintenance bond shall be posted. Such bond shall be in the amount of at least ten percent (10%) of the cost of such public improvements. At the end of the one (1) year period and at the written request of the Owner, the County will make a final inspection/punchlist of the water supply or sewerage systems and, if such improvements meet all applicable standards and requirements of the County, and "As-Built" drawings have been submitted, the maintenance bond will be released and the improvements will be accepted for maintenance and operation by the County. If the punch list is deficient, a follow-up inspection will be required as requested by the Developer. Should a third inspection be required, the Developer will be charged a fee of \$200.00

#### 11.08 AS-BUILT DRAWINGS - PROCEDURES

- a. "As-built" information and changes must be made on the original reproducible drawing by the engineer or developer.
- b. One (1) set of "as-built" paper prints or one (1) PDF electronic set must be submitted to the County for review.
- c. Verification of "as-built" locations, alignments, depths and grades of all new public water and sanitary sewers must be provided by the engineer.
- d. The engineer or developer will be notified of acceptance or corrections by the County.
- e. One (1) set of corrected "as-built" paper prints or one (1) PDF electronic set must be submitted to the County for rechecking.
- f. Upon approval of the "as-built" drawings, one (1) set of mylar drawings, capable of reproduction, must be submitted to the County for permanent records.
- g. As-built reproducible drawings must be submitted within two (2) months of first connection being made to the water or sewerage systems.

#### 11.09 DETAIL PLANS - FORMAT

- a. Standard Sheet: 24" x 36" Plan-Profile Sheet
- b. Media and Ink: Paper or PDF
- c. Lettering: All lettering .125" high or larger
- d. Title Blocks: 6" x 3" located in lower right hand corner

- Include: Development name, section, Engineer's name, seal, signature, sheet number, number of sheets
- e. Revision Block: Located left of or above the title block with room for at least three (3) revisions
  - f. Scale: Horizontal - 1" = 50' or larger  
Vertical - 1" = 5' or larger
  - g. The cover sheet shall contain the signature block, with places for (in order from top to bottom) -
    - i) County Sanitary Engineer;
    - ii) County Engineer when required;
  - h. A vicinity map shall be provided to show the location of the improvements.
  - i. Each sheet shall have a readily readable North arrow oriented up and/or to the left when possible. The stationing on the plan and profile sheets shall be from left to right and shall take precedence over the north arrow orientation.
  - j. Profiles for both sanitary sewers and water mains shall be shown on the same sheet as the plan view. The profile shall be below the plan and the ground line shall be taken at the pipe centerline. The existing and proposed grade profile shall be shown on each profile view.
  - k. All existing structures in the right-of-way or easement shall be shown on both plan and profile. Size, location, dimensions and elevations shall be included. These structures include but are not limited to:
    - i) gas mains;
    - ii) electric and telephone conduits;
    - iii) storm sewers;
    - iv) sanitary sewer;
    - v) water mains;
    - vi) telephone poles;
    - vii) cable TV;
    - viii) street lights; and

- ix) all above ground structures which may affect construction.
- l. Manholes shall be consecutively numbered from lowest to highest elevations. Elevations and station numbers shall be noted. Both manhole and station numbers shall appear on both the plan and the profile.
- m. The length, grade and size of each span of sanitary sewer shall appear on the plan and profile.
- n. Stationing must be provided for all building sewers and water service laterals.
- o. The type of pipe material, joints and strength shall be shown in the profile for both sanitary sewers and water mains, using the ASTM nomenclature.
- p. Existing and proposed subdivision boundaries and interior lot lines and numbers shall be shown. All properties abutting the improvement shall be shown.
- q. All corporation lines with dimensions and other information that will fix the location shall be shown on the cover sheet. Section, Town, Range or Virginia Military Survey Number shall be included.
- r. The location, description and elevation of all bench marks used in connection with the project shall be identified.
- s. Test borings, if made, shall be shown.
- t. Proposed improvements shall be shown as solid dark lines. Existing improvements shall be shown as dashed lines.
- u. The lowest building level served by a gravity sewer connection must be labeled for each lot.

#### 11.10 AS-BUILT DRAWINGS - FORMAT

- a. **All "As-Built" information which deviated from original plan to be in red ink.**
- b. All sanitary manholes and water valves to be stationed based on "as-built" information.
- c. Measurements will be on the horizontal.
- d. The following shall be required on all "as-built" drawings:



- i) Length of span, grade, size of pipe, material type and invert elevations shall appear on the profile.
- ii) All water service laterals and sanitary sewer laterals to be stationed based on “as-built” information.

## **SECTION XII PRIVATE DISPOSALS**

### **12.01 PRIVATE SEWAGE DISPOSAL SYSTEM**

If a sewerage system is not accessible, the building sewer shall be connected to a private sewage disposal system constructed in accordance with the requirements of the Warren County Combined Health District.

### **12.02 FUTURE SEWER SERVICE**

In areas where sanitary sewer service will be made available in the future, a building sewer may be constructed to the property line nearest the future route of the sewer in such a manner as to facilitate a connection when sanitary sewer service is made available.

### **12.03 ABANDONMENT OF PRIVATE SEWAGE DISPOSAL SYSTEM**

At such time as a sanitary sewer becomes available to a property served by a private sewage disposal system, a direct connection of the building sewer to the sanitary sewer shall be made by the property owner. Any septic tanks, cesspools, or similar private sewage disposal facilities shall be abandoned, pumped out and filled with suitable materials at the expense of the owner, in accordance with the requirements of the Warren County Combined Health District.

## SECTION XIII WASTEWATER CONTRIBUTION PERMITS

### 13.01 PERMIT REQUIREMENTS

#### a. General

All Significant Users proposing to connect to the sewerage system shall obtain a Wastewater Contribution Permit prior to any such connection. The Sanitary Engineer shall have the authority to require a Wastewater Contribution Permit for any user which (i) has the potential of becoming a Significant User or (ii) otherwise contributes pollutants which may pass through the wastewater treatment plant inadequately treated or may interfere with the operation of the sewerage system and treatment facilities.

#### b. Permit Application

All users required to obtain a Wastewater Contribution Permit shall complete and file with the County an application, with the applicable fees being posted at that time. Proposed users shall apply at least ninety (90) days prior to connecting to the sewerage system. In support of the application, the user shall submit, in units and terms appropriate for evaluation, the following information:

- i) Name, address and location;
- ii) SIC number according to the Standard Industrial Classification Manual, Bureau of the Budget, 1972, as amended;
- iii) Wastewater constituents and characteristics including but not limited to those listed in Section 4.02 of these Rules and Regulations;
- iv) Time and duration of contribution;
- v) Average daily and three (3) minute peak wastewater flow rates, including daily, monthly and seasonal variations, if any;
- vi) Site plans, floor plans, mechanical and plumbing plans and details to show all sewer connections and appurtenances by the size, location and elevation;
- vii) Description of activities, facilities and plant processes on the premises including all materials which are or could be discharged;
- viii) Where known, the nature and concentration of any pollutants in the discharge which are limited by any County, State or Federal pretreatment standards;

- ix) If additional pretreatment and/or operation and maintenance will be required, the shortest schedule by which the user will provide such additional pretreatment. The following conditions shall apply to this schedule:
  1. The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment facilities required for the user to meet the applicable pretreatment standards.
  2. No increment referred to in paragraph (1) shall exceed nine (9) months.
  3. Not later than fourteen (14) days following each date in the schedule and the final date for compliance, the user shall submit a progress report to the Sanitary Engineer including, as a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for the delay, and the steps being taken by the user to return the construction to the schedule established. In no event shall more than nine (9) months elapse between such progress reports to the Sanitary Engineer.
- x) Each product produced by type, amount, process or processes and rate of production;
- xi) Type and amount of raw materials processed (average and maximum per day);
- xii) Number and type of employees, hours of operation of plant and proposed or actual hours of operation of the pretreatment system;
- xiii) Any other information as may be deemed by the County to be necessary to evaluate the permit application.

The County shall evaluate the data furnished by the user and may require additional information. After evaluation and acceptance of the data furnished, the County shall issue a Wastewater Contribution Permit subject to terms and conditions provided herein.

c. Permit Modifications

The Wastewater Contribution Permit of users subject to National Categorical Pretreatment Standards shall be revised to require compliance with such standard within the time frame prescribed by such standards. In addition, the user with an existing Wastewater Contribution Permit shall submit to the Sanitary Engineer within 180 days after the promulgation of an applicable Federal Categorical Pretreatment Standard the information required above.

d. Permit Conditions

Wastewater Contribution Permits shall be expressly subject to all provisions of these Rules and Regulations and all other applicable regulations, user charges and fees established by the County. Permits may contain the following:

- i) The user charge or schedule of user charges and fees for the wastewater to be discharged to a sanitary sewer;
- ii) Limits on the average and maximum wastewater constituents and characteristics;
- iii) Limits on average and maximum rate and time of discharge or requirements for flow regulations and equalization;
- iv) Requirements for installation and maintenance of inspection and sampling facilities;
- v) Specification for monitoring programs which may include sampling locations, frequency of sampling, number, types and standards for tests and reporting schedule;
- vi) Compliance schedules;
- vii) Requirements for submission of technical reports or discharge reports;
- viii) Requirements for maintaining and retaining plant records relating to the wastewater discharge as specified by the County, and affording County access thereto;
- ix) Requirements for notification of the County of the introduction of additional wastewater constituents or a substantial change in the volume or character of wastewater constituents being discharged into the sewerage system;
- x) Requirements for notification of slug discharges;
- xi) Other conditions as deemed appropriate by the County to ensure compliance with these Rules and Regulations.

e. Permit Duration

Permits shall be issued for a specified time period not to exceed five (5) years. The user shall apply for permit reissuance a minimum of 180 days prior to the expiration of the existing permit. The terms and conditions of the permit are subject to modification by the County as the limitations or requirements identified in Section 4.02 are modified or other just cause exists. The user shall be informed of any proposed change in his permit at least thirty (30) days prior to the effective date of such a change. Any changes or new conditions shall include a reasonable time schedule for compliance.

f. Permit Transfer

Wastewater Contribution Permits are issued to a specific user for a specific operation and shall not be reassigned, transferred or sold to a new owner, new user, different premises, or a new or changed operation without the approval of the County. Any succeeding user shall comply with the terms and conditions of the existing permit.

g. Fees and Charges

The cost for the implementation of the program established herein shall be recovered from the users of the County's sewerage system. Fees and charges shall be determined by the Sanitary Engineer and shall be sufficient to reimburse the County for expenses associated with maintaining the County's Pretreatment Program, processing permits, inspecting construction, and monitoring discharges to the sewerage system.

13.02 REPORTING REQUIREMENTS

a. Compliance Date Report

Within ninety (90) days following the date for final compliance with pretreatment standards or, in the case of a new facility, following commencement of the introduction of wastewater into the sewerage system, the user shall submit to the Sanitary Engineer a report indicating the rate of flow and the nature and concentration of all pollutants in the discharge limited by the Wastewater Contribution Permit. The report shall state whether the applicable pretreatment standards are being met on a consistent bases and, if not, what additional operation and maintenance and/or pretreatment is necessary. This statement shall be signed by an authorized representative of the user and certified by a qualified professional.

b. Periodic Compliance Reports

i) All users subject to a Wastewater Contribution Permit shall be required to submit to the Sanitary Engineer during the months of June and December, unless required more frequently by the Sanitary Engineer, a report indicating the nature and concentration of pollutants in the discharge.

In addition, this report shall include a record of all daily flows which exceeded the average daily flow limit contained in the Wastewater Contribution Permit.

- ii) The Sanitary Engineer may impose mass limitations on users which are using dilution to meet applicable pretreatment standards, or in other cases where the imposition of mass limitations are appropriate. These reports shall contain the results of sampling and analysis of the discharge, including the flow and the nature and concentration, or production and mass where requested by the Sanitary Engineer, of pollutants contained therein which are limited by the Wastewater Contribution Permit.

c. Confidential Information

Information and data provided in reports, questionnaires, permit applications, permit and monitoring programs and from inspections shall be available to the public or other governmental agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the County that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets of the user.

When requested by the person submitting the report, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available upon written request to governmental agencies for uses related to these Rules and Regulations, the National Pollutant Discharge Elimination System (NPDES) Permit and/or the Pretreatment Programs. Wastewater constituents and characteristics will not be recognized as confidential information.

d. Public Notice

The County shall annually publish in a newspaper of general circulation within the County a list of the user(s) which were not in compliance with any pretreatment requirements at least once during the twelve (12) previous months. The notification shall also summarize any enforcement actions taken against the user(s) during the same twelve months.

13.03 ENFORCEMENT

a. Harmful Contributions

The County may suspend wastewater treatment service and/or the Wastewater Contribution Permit in order to stop an actual or threatened discharge which represents or may present an imminent or substantial endangerment to the environment or to the health and welfare of persons or which causes or may cause interference to the sewerage system which may result in the violation of any condition of the County's NPDES Permit.

Any user notified of a suspension of wastewater treatment service and/or the Wastewater Contribution Permit shall immediately stop or eliminate the contribution. In the event of a failure of the user to comply voluntarily with the suspension order, the County shall take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the sewerage system or endangerment to any individuals. The County shall reinstate the Wastewater Contribution Permit and/or the wastewater treatment service upon proof of the elimination of the non-complying discharge. A detailed written statement submitted by the user describing the causes of the harmful contribution shall be submitted to the County within fifteen (15) days of the date of occurrence.

b. Revocation of Permit

Any user who violates the following conditions, or applicable state and federal regulations, is subject to having his permit revoked:

- i) Failure to factually report the wastewater constituents and characteristics of the discharge;
- ii) Failure to report significant changes in wastewater operations or wastewater constituents and characteristics;
- iii) Refusal of reasonable access to the user's premises for the purpose of inspection or monitoring; or,
- iv) Violation of conditions of the permit.

c. Notification of Violation

Whenever the County finds that any user has violated or is violating these Rules and Regulations, the Wastewater Contribution Permit, or any prohibition, limitation or requirement contained herein, the County may serve upon such user a written notice stating the nature of the violation. Within thirty (30) days of the date of the notice, a plan for the satisfactory correction thereof shall be submitted to the County by the user.

d. Show Cause Hearing

- i) The County may order any user who causes or allows an unauthorized discharge to enter the sewerage system to show cause before the County Commission why the proposed enforcement action should not be taken. A notice shall be served on the user specifying the time and place of a hearing, the reasons why the action is to be taken, the proposed enforcement action, and directing the user to show cause before the County Commission why the proposed enforcement action should not be taken. The notice of the hearing shall be served personally or by registered or certified mail (return receipt requested) at least ten (10) days prior to the hearing. Service may be made on any agent or officer of the user.



- ii) The County Commission may itself conduct the hearing and take evidence, or may direct the Sanitary Engineer to:
1. Issue in the name of the County Commission notices of hearing requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in such a hearing.
  2. Take the evidence.
  3. Transmit a report of the evidence and hearing, including transcripts and other evidence, together with recommendations to the County Commission for action thereon.
  4. At any hearing held pursuant to these Rules and Regulations, testimony taken must be under oath and recorded stenographically. The transcript, so recorded, will be made available to any member of the public or any party to the hearing upon payment of the usual charges thereof.
  5. After the County Commission has reviewed the evidence, it may issue an order to the user responsible for the discharge directing that, following a specified time period, the sewer service be discontinued unless adequate treatment facilities, devices or other related appurtenances shall have been installed. Further orders and directives as are necessary and appropriate may be issued.

e. Legal Action

If any person discharges sewage, industrial wastes or other wastes into the County's sewerage system contrary to the provisions of these Rules and Regulation or any order of the County, the County Prosecutor may commence an action for appropriate legal and/or equitable relief in the Warren County Court of Common Pleas.

## **SECTION XIV: BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL**

### **14.1 Backflow Prevention & Cross-Connection Control Program Purpose**

The County is obligated to take all measures necessary to protect its water distribution from contamination including the flow of untreated water or other liquids, mixtures, or substances into the County's system from customer's piping, auxiliary water systems, irrigation systems, booster pumps, or fire protection systems. Ohio Administrative Code section 3745-95 contains the Ohio EPA requirements for all backflow prevention and cross-connection control programs. This section provides additional clarification regarding the County's program. If a conflict exists between OAC 3745-95 and the following requirements, the more stringent requirement shall prevail. The purpose of these Rules and Regulations is to:

1. protect the County's public potable water supply from contamination or pollution by isolating within the consumer's water system contaminants or pollutants which could backflow through the service connection into the County's public water system, and
2. promote the elimination or control of existing cross-connections, actual or potential, between the public or consumer's potable water system and non-potable water systems, plumbing fixtures and sources or systems containing process fluids, and
3. provide for the maintenance of a continuing program of backflow prevention and cross-connection control which will systematically and effectively prevent the contamination or pollution of the public and consumer's potable water systems.

The County shall be responsible for the protection of the public water system from contamination due to backflow of contaminants through the water service connection. If, in the judgment of the County, an approved backflow prevention assembly is necessary at the water service connection to any consumer's premises for the safety of the water system, the County shall give notice to the consumer to install such approved backflow prevention assembly at each service connection to their premises. The consumer shall immediately install such approved assembly or assemblies at their own expense, and failure, refusal or inability on the part of the consumer to install such assembly or assemblies immediately shall constitute grounds for discontinuing water service to the premises until such assemblies have been installed.

### **14.2 Definitions (OAC 3745-95-01)**

The following definitions shall apply in the interpretation and enforcement of these rules and regulations as they relate to this section:

- a. "Air gap separation" means 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.
- b. "Approved" means that a backflow prevention device or method has been accepted by the County as suitable for the proposed use.

- c. “Auxiliary water system” means 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.
- d. “Backflow” means the flow of water or other liquids, mixtures, or substances into the distributing pipes of a potable water supply from any other source other than the intended source of the potable water supply.
- e. "Backflow preventer" means any assembly, device, method, or type of construction intended to prevent backflow into a potable water system.
- f. “Consumer” means the owner or person in control of any premises supplied by or in any manner connected to a public water system.
- g. “Consumer’s water system” means any water system, located on the consumer’s premises, supplied by or in any manner connected to a public water system. A household plumbing system is considered to be a consumer’s water system.
- h. “Containment principle backflow preventer” – A backflow preventer that is installed in a consumer’s water system, that is intended to contain the water within the premises to prevent any polluted or contaminated water from backflowing into the public water system. Typically the containment principle backflow preventer is placed at the service connection, unless alternate placement is approved by the County.
- i. “Contamination” means an impairment of the quality of the water by sewage or process fluid or waste to a degree which could create an actual hazard to the public health through poisoning or through spread of disease by exposure.
- j. “Cross-connection” means any arrangement whereby backflow can occur.
- k. “Degree of hazard” is a term derived from an evaluation of the potential risk to health and the adverse effect upon the potable water system.
- l. “Director” means the director of the Ohio Environmental Protection Agency or his duly authorized representative.
- m. “Double check valve assembly” means 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 water-tightness of each check valve.
- n. “Health hazard” means any condition, device, or practice in a water system or its operation that creates, or may create, a danger to health and well-being of users. The word “severe” as used to qualify “health hazard” means a hazard to the health of the user that could reasonably be expected to result in significant morbidity or death.

- o. “Interchangeable connection” means an arrangement or device that will allow alternate but not simultaneous use of two sources of water.
- p. “Non-potable water” means water not safe for drinking, personal, or culinary use.
- q. “Person” means the state, any political subdivision, public or private corporation, individual, partnership, or other legal entity.
- r. “Pollution” means the presence in water of any foreign substance that tends to degrade its quality so as to constitute a hazard or impair the usefulness or quality of the water to a degree which does not create an actual hazard to the public health but which does adversely and unreasonably affect such waters for domestic use.
- s. “Potable water” means water which is satisfactory for drinking, culinary, and domestic purposes and meets the requirements of the Ohio Environmental Protection Agency.
- t. "Premises" means any building, structure, dwelling or area containing plumbing or piping supplied from a public water system.
- u. “Process fluids” means 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, pollution, or system hazard if introduced into the public or a potable consumer’s water system. This includes, but is not limited to:
  - i. polluted or contaminated waters;
  - ii. process waters;
  - iii. used waters originated from the public water system which may have deteriorated in sanitary quality;
  - iv. cooling waters;
  - v. contaminated natural waters taken from wells, lakes, streams, or irrigation systems;
  - vi. chemicals in solution or suspension; and
  - vii. oils, gases, acids, alkalis, and other liquid and gaseous fluids used in industrial or other processes, or for fire fighting purposes.
- v. “Public water system” consists of the treatment plants, distribution system and water mains of the water system under the control of the County up to the point of the consumer’s water meter.

- w. “Reduced pressure principle backflow prevention assembly” means an assembly containing a minimum of two independently acting check valves together with an automatically operated pressure differential relief valve located between two check valves. During normal flow and 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.
- x. “Service connection” means the terminal end of a service line from the public water system, where the County’s service and responsibility ceases. This location is the water meter is installed at the end of the service.
- y. “Supplier of water” means the Warren County Water and Sewer Department which is the owner and operator of a public water system.
- z. “System hazard” means a condition posing an actual or potential threat of damage to the physical properties of the public water system or a potable consumer’s water system.
- aa. “Pollutional hazard” means a condition through which an aesthetically objectionable or degrading material not dangerous to health may enter the public water system or a potable consumer’s water system.
- bb. “Used water” means any water supplied by the County to a consumer’s water system after it has passed through the water meter service connection and is no longer under the control of the supplier.

14.3 Cross-Connections Prohibited (OAC 3745-95-02)

- a. No water service connection shall be installed or maintained to any premises where actual or potential backflow cross-connections to the County’s water system or consumer’s water system may exist unless such actual or potential cross-connections are abated or controlled to the satisfaction of the County.
- b. No person shall install or maintain a connection between the County’s water system or consumer’s water system and an auxiliary water system unless the auxiliary water system, the method of connection, and the use of such system is approved by the County and by the director of Ohio EPA as required by ORC Section 6019.13.

14.4 Survey and Investigations (OAC 3745-95-03)

- a. The consumer’s premises shall be accessible at all reasonable times to the County, for the purpose of performing surveys and investigations of water use practices within the consumer’s premises to determine whether there are actual or potential cross-connections to the consumer’s water system through which contaminants or pollutants could backflow into the County’s water system.

- b. On request by the County, the consumer shall furnish information on water use practices within their premises.
- c. It shall be the responsibility of the water consumer to conduct periodic surveys of water use practices on their premises to determine whether there are actual or potential cross-connections in their water system through which contaminants or pollutants could backflow into their or the public potable water system.

14.5 Where Protection Is Required (OAC 3745-95-04)

- a. An approved backflow prevention assembly shall be installed on each service line to a consumer's private water system, where in judgment of the County, actual or potential hazards to the public potable water system exist.
- b. An approved backflow prevention assembly shall be installed on each service line to a consumer's water system serving premises where the following conditions exist:
  - i. Landscape Irrigation Systems - Premises that have and maintain a landscaping irrigation system that is connected to the County water system;
  - ii. Fire Protection Systems - Premises that have and maintain a fire protection system that is connected to the County water system;
  - iii. Nonresidential Services - Premises that are not single or two family residential homes but that operate a commercial, industrial, retail, or multifamily business.
  - iv. Residential Service – Single or two family residential dwellings.
  - v. Auxiliary Water Systems - Premises having an auxiliary water system, unless such auxiliary system is accepted as an additional source by the County and the source is approved by the Director of the Ohio Environmental Protection Agency;
  - iv. Potentially Hazardous Systems - Premises on which any substance is handled in such a fashion as to create an actual or potential hazard to the County water system. This shall include premises having sources or systems containing process fluids or waters originating from the public potable water system which are no longer under the sanitary control of the County;
  - vii. Internal Cross-Connections - Premises having internal cross-connections that, in the judgment of the County, are not correctable or intricate plumbing arrangements which make it impractical to determine whether or not cross-connections exist;
  - viii. Secured Facilities - Premises, where, because of security requirements or other prohibitions or restrictions, it is impossible or impractical to make a complete cross-connection survey;

- ix. Systems with Prior Issues - Premises having a repeated history of cross-connections being established or re-established;
  - x. Others - As specified by the County or Director of Ohio EPA.
- c. An approved backflow prevention assembly shall be installed on each service line to a consumer's water system serving, but not necessarily limited to, the following types of facilities unless the County or the Director of Ohio EPA determines that no actual or potential hazard to the public water system exists:
- 1. Hospitals, mortuaries, clinics, nursing homes;
  - 2. Laboratories;
  - 3. Piers, docks, waterfront facilities;
  - 4. Sewage treatment plants, sewage pumping stations or storm water pumping stations;
  - 5. Food or beverage processing plants;
  - 6. Industrial customers including chemical plants, metal plating industries, petroleum processing or storage plants, Radioactive material processing plants, or nuclear reactors;
  - 7. Multifamily residential plants.
  - 8. Commercial facilities including restaurants, hotels, and office complexes.
  - 9. Car washes;
  - 10. Others specified by the County or Ohio EPA.
- d. An approved backflow prevention assembly shall be installed at any point of connection between the County or consumer's water system and an auxiliary water system, unless such auxiliary system is accepted as an additional source by the County and the source is approved by the Director of the Ohio Environmental Protection Agency.

#### 14.6 Type of Protection Required (OAC 3745-95-05 and 3745-95-06)

- A. The type of protection required under Sections 14.5 of these regulations shall depend on the degree of hazard which exists, and the requirements as follows:
- 1. Landscape Irrigation Systems – Service connections with landscape irrigation systems shall be equipped with a Reduced Pressure Principle Backflow Prevention Assembly. The assembly shall be lead free, conform to **ASSE 1013** and NSF/ANSI 61, and shall be by the following:
    - i. Zurn Wilkins, Model 975XL2
    - ii. Watts, Series LF909, Series LF009, or Series LF919.

Pressure Vacuum Breaker Assemblies conforming to ASSE 1020 and NSF/ANSI 61 may be acceptable on existing irrigation systems provided all the following conditions apply:

- 1. The assembly is equipped with test ports and is annually tested and certified as

- operating properly by a qualified technician.
- 2. The assembly is installed in an upright position and at least 12-inches above the highest irrigation nozzle.
- 3. The irrigation system is a water-only system with no chemical additives that is not subjected to backpressure and is not equipped with pumps, tanks, or other equipment which can create backpressure to the public or the consumer's water system. ,

Existing Pressure Vacuum Breaker assemblies that fail to pass the annual test shall be replaced with a Reduced Pressure Principle Backflow Prevention Assembly (ASSE 1013).

## 2. Fire Protection Systems

- i. *Additives* - Systems containing additives shall be equipped with an air-gap separation that conforms to ANSI Standard A112.1.2 "Air-Gaps in Plumbing Systems". Systems that are not equipped with Air-Gaps must be reviewed and receive written approval from the Sanitary Engineer.
- ii. *Auxiliary Source* - Systems containing connections to stored water, or an auxiliary water source shall be equipped with a Reduced Pressure Principle Detector Check assembly that is lead free, conforms to **ASSE 1047** and NSF/ANSI 61, and shall be by the following:
  - a. Zurn Wilkins, Model 375DA, 375ADA, 374ASTDA, 475DA, or 475DAV
  - b. Watts, Series 909RPDA, 994RPDA, or LF957RPDA
- ii. *Simple Fire Protection Systems or Simple Systems with Pumps* Simple fire protection systems contain no additives, auxiliary water system connections, or stored water. These systems with or without booster pumps shall be equipped with a Double Check Valve assembly that conforms to **ASSE 1015** and NSF/ANSI 61, or a Double Check Detector Check assembly that is lead free, conforms to **ASSE 1048** and NSF/ANSI 61, and shall be by the following
  - a. Zurn Wilkins, Model 350, 350A, 350AST, 350DA, 350ADA, 350ASTDA, 450 or 450DA
  - b. Watts, Series 757, 757N, LF709, 774, LF757DCDA, LF757NDCDA, or 774DCDA
- iii. *Auxiliary Sources* – Fire Protection Systems that use an auxiliary water system for fire protection must be equipped with an approved air-gap separation or an approved interchangeable connection. An interchangeable connection, to be approved, shall be either a swing type connector or a four-way valve mechanism which unseats the plug, turns it



ninety degrees and reseats the plug. Four-way valves shall stop valves on each pipe connected to the valve. The telltale port on the four-way valve shall have no piping connected and the threads or flange on this port shall be destroyed so that a connection cannot be made.

3. Nonresidential Services – Service connections to commercial, industrial, retail, governmental, or multifamily business shall be equipped with a Reduced Pressure Principle Backflow Prevention Assembly. These services have the potential to contaminate the public water system resulting in a system or health hazard. The assembly shall be lead free, conform to **ASSE 1013** and NSF/ANSI 61, and shall be by the following:

- i. Zurn Wilkins, Model 975XL2
- ii. Watts, Series LF909, Series LF009, or Series LF919.

Upon determining that a low hazard exists, the Sanitary Engineer or their designee may approve the installation of a double check backflow prevention assembly equipped with two independently-acting check valves, tightly closing inlet & outlet valves, and four test cocks (ASSE 1015) at multifamily developments where installation of a ASSE 1013 device is not practical.

4. Residential Services – Residential services are considered low hazard and therefore, as a minimum, shall be equipped with a device comprising of two independently acting check valves to be installed where the service line enters the structure. The assembly shall be lead free, conform to **ASSE 1024** and NSF/ANSI 61.
5. Severe Health Hazards - An approved air gap separation shall be installed where the public water system may be contaminated with substances that could cause severe health hazard that could reasonably be expected to result in significant morbidity or death. The air gap separation shall conform to ANSI Standard A112.1.2.

#### 14.7 Backflow Prevention Devices (OAC 3745-95-06)

##### A. Installation

1. Any containment principle backflow preventer required by the County shall be installed at a location and in a manner approved by the County and shall be installed at the expense of the water consumer.
2. Backflow prevention assemblies installed on the service line to a consumer's water system shall be located on the consumer's side of the water meter, as close to the meter as is reasonably practical, and prior to any other connection.
3. Pits or vaults shall be of water-tight construction, be so located and constructed as to prevent flooding and shall be maintained free from standing water by means of either a

sump and pump or a suitable drain. Such sump pump or drain shall not connect to a sanitary sewer nor permit flooding of the pit or vault by reverse flow from its point of discharge. An access ladder and adequate natural or artificial lighting shall be provided to permit maintenance, inspection and testing of the backflow prevention device.

4. Reduced pressure principle backflow prevention assembly must be installed above ground level or floor level, whichever is higher and shall have a minimum 12-inch gap between grade and the bottom of the unit to allow for visual inspection of the relief port.
5. It shall be the duty of the water consumer to maintain any containment principle backflow preventer in proper working order and in continuous operation.

#### B. Inspection and Maintenance

1. It shall be the duty of the consumer at any premises on which backflow preventers required by these regulations are installed to have inspections, tests, and overhauls made in accordance with the following schedule, or more often where inspections indicate a need. Residential services that are not equipped with irrigation systems are considered low hazard and there are not required to perform annual inspections unless directed by the County.
  - i. Double check valve assemblies shall be inspected and tested for tightness at the time of installation and at least every twelve months thereafter. They shall be dismantled, inspected internally, cleaned and repaired whenever needed.
  - ii. Air gap separations shall be inspected at the time of installation and at least every twelve months thereafter;
  - iii. Reduced pressure principle backflow prevention assemblies shall be inspected and tested for tightness at the time of installation and at least every twelve months thereafter.
  - iv. Interchangeable connections shall be inspected at the time of installation and at least every twelve months thereafter.
2. Inspections, tests, and overhauls of backflow prevention assemblies shall be made at the expense of the water consumer and shall be performed by a person that is registered with the Ohio Department of Commerce, Division of Industrial Compliance or the Operator Training Committee of Ohio. The person shall be specifically certified to inspect, test and overhaul backflow prevention assemblies. Inspections and work performed on each backflow prevention containment device shall be documented on the County's Annual Test & Maintenance Report form and kept by the consumer.
3. The water consumer shall submit to the County a completed Annual Test & Maintenance Report form for each containment device along with an administrative processing fee.
4. Whenever backflow prevention assemblies required by these regulations are found to be

defective, they shall be repaired, overhauled or replaced at the expense of the consumer without delay.

5. Backflow preventers shall not be bypassed, made inoperative, removed or otherwise made ineffective without specific authorization by the County.

#### 14.8 Booster Pumps (OAC 3745-95-07)

- A. Domestic Service - For booster pumps not intended to be used for fire suppression, such booster pump shall be equipped with a low pressure cut-off designed to shut-off the booster pump when the pressure in the service line on the suction side of the pump drops to ten pounds per square inch gauge or less.
- B. Fire Protection - For booster pumps, or fire pumps, used for fire suppression installed after August 8, 2008, such booster pump, or fire pump, shall be equipped with one of the following:
  1. A low suction throttling valve on the booster pump discharge, which throttles the discharge of the pump when necessary so that suction pressure will not be reduced below ten pounds per square inch gauge while the pump is operating; or,
  2. The fire pump is equipped with a variable speed suction limiting control on the booster, or fire, pump. The speed control system must be used to maintain a minimum suction pressure of ten pounds per square inch gauge at the pump inlet by reducing the pump driver speed while monitoring pressure in the suction piping through a sensing line.
- C. It shall be the duty of the water consumer to maintain the low pressure cut-off device, low suction throttling valve, or variable speed suction limiting control, in proper working order and to certify to the County, at least once every twelve months that the minimum pressure sustaining method in place is operating properly.

#### 14.9 Violations (OAC 3745-95-08)

- A. The County shall deny or discontinue, after reasonable notice to the occupants thereof, the water service to any premises wherein any backflow prevention device required by these regulations is not installed, tested and maintained in a manner acceptable to the County, or if it is found that the backflow preventer has been removed or by-passed, or if an unprotected cross-connection exists on the premises, or if the minimum pressure sustaining method required by these regulations is not installed and maintained in working order.
- B. Water service to such premises shall not be restored until the consumer has corrected or eliminated such conditions or defects in conformance with these regulations and to the satisfaction of the County.

#### 14.10 Requirements for Yard Hydrants (OAC 3745-95-09)

- A. Yard Hydrants with weep holes.
  1. Yard hydrants with weep holes used for human consumption shall not be permitted.

2. Yard hydrants with weep holes not used for human consumption installed on a public water system, and those installed on a consumer's water system, shall be equipped with a device comprising of two independently acting check valves , shall be lead free, conform to ASSE 1024 and NSF/ANSI 61 to protect the public water system. Yard hydrants with weep holes installed on public water systems shall be clearly labeled as “non-potable, do not drink” or “not for human consumption.
- B. Sanitary yard hydrants that do not have weep holes, are allowed to be used for human consumption provided the following conditions:

1. Sanitary yard hydrants shall conform to the “American Society of Sanitary Engineers (ASSE) Standard 1057.
2. Sanitary Yard Hydrants shall be Woodford Mfg Co. Model S3 or S4H, Hoeptner Perfected Products Model 213, or equivalent by Murdock-SuperSecur.
3. All hose connections shall be equipped with a hose connection backflow preventer ASSE 1052 assembly.

## SECTION XV: WATER SERVICE FOR RURAL AREAS

### 15.01 PURPOSE

- a. Residents that live in a sparsely populated rural area within Warren County's Water District may petition the County to receive water service through the County sponsored construction of domestic-only service lines (rural water standards). These improvements consist of small diameter (less than 8-inch) Polyvinyl Chloride (PVC) waterlines that are capable of domestic service but insufficiently sized to provide fire protection and therefore are not be equipped with fire hydrants. The construction standards outlined below are intended to allow for affordable construction in areas of the County with low residential densities. These standards apply to improvements that are designed, constructed and financed by Warren County and shall not apply to proposed residential subdivision developments.

### 15.02 SERVICE AREA

- a. The Board of County Commissioners, in conjunction with the County Sanitary Engineer, in its sole discretion shall establish areas within the water district where construction using the rural water standards is appropriate. Such areas shall be limited to the peripheries of the County's distribution system and locations where redundant looping of waterlines is not critical. The areas shall be limited to those locations identified in **Figures 15-1, 15-2, and 15-3** and can be expanded or reduced in size, by resolution of the Board.

### 15.03 LEVEL OF SERVICE

- a. Rural water service area customers shall receive domestic water service from County owned and operated water lines.
- b. Water lines installed using rural water standards will not be sized to convey fire protection flow nor shall they be equipped with fire hydrants.
- c. All water service charges and fees outlined in Sections VII and VIII shall apply to customers served from improvements built under the rural water standards.

### 15.04 PROCESS FOR REQUESTING SERVICE

- a. Residents requesting service shall submit a petition and statement to the Warren County Water and Sewer Department. The petition shall contain the names and signatures of a majority of the residential homes within a proposed improvement area. The majority of residents within the proposed improvement area must be supportive of the project and provide a written commitment that they will connect to the water line and pay all required fees within one year of completion of the improvements.
- b. Upon receiving the request, the Water & Sewer Department will prepare a preliminary design study that includes a water main alignment, estimated construction cost, necessary public utility easements, a proposed design and construction schedule, and

the availability of funds to complete the project including monies from anticipated Tap-In fees, Project Cost fees, and Water & Sewer capital construction funds.

- c. The Board of County Commissioners shall review the results of the preliminary design study including the anticipated project funding sources.
- d. In the event the Board of County Commissioners approve a petition for water service under the provisions of this section, the Water & Sewer Department will proceed forward with the design and construction of the project.

15.05 CAPITAL IMPROVEMENT PROJECT FINANCING

- a. Improvements shall be designed and constructed by Warren County, and Warren County shall finance the construction through cash reserves, loan, or bond issuance.
- b. Upon completion of the improvements, residents that register an account with the Warren County Water Department shall pay the following fees for service:

Current Tap-In Fee	\$4,000
Project Cost	\$1,500
Meter Set Fee	\$ 200
Lateral Inspection Fee	<u>\$80</u>
TOTAL:	\$5,780

- c. All fees shall be collected prior to the start of water service. Fees shall not be eligible for assessment onto the County tax record.

15.06 CONSTRUCTION STANDARDS

Warren County waterline design and construction standards shall be modified for rural water system projects to include the acceptance of PVC Pipe and appearances including fittings, restrained joints, and tracer wire as follows:

- A. Polyvinyl Chloride (PVC) Pipe
  - 1. Pipe 3 inches through 6 inches: Conform to requirements of AWWA C- 900 with a dimension ratio (DR) of 14 pressure class 305. PVC material used in pipe shall be as specified in ASTM D1784, Cell Classification 1245-B. Each pipe length shall be marked with the manufacturer’s name, size, material code, pressure class, AWWA designation number, and seal of test agency that verified pipe material for potable water service.
  - 2. PVC pipe shall have bell and spigot push-on joints meeting the requirements of ASTM D-3139.. The bell shall consist of an integral wall section with a solid cross-section elastomeric gasket securely locked in place to prevent displacement during assembly. Gaskets shall be rubber rung type meeting the requirements of ASTM F-477 (AWWA C900).
  - 3. The potable water mains shall be blue in color.

B. Fittings:

1. PVC Pipe: Fittings shall be ductile iron mechanical joint, with a working pressure of 250 psi and conforming to AWWA Specifications C110 or C153. All bolts and nuts shall be 304 stainless steel and shall meet the requirements for ANSI/AWWA C111/A21-11 for buried application.
2. Tapping Sleeves: Sleeve shall be stainless steel, mechanical joint type, with working pressure rating of 250 PSI, and conform to AWWA Standard C110.
3. All fittings shall be manufactured in the United States.

C. Restrained Joints

1. Restrained Joint for PVC Pipe: Pipe fittings and other requiring restraint shall utilize Megalug appurtenances, (or approved equal) joint restrain devices.

D. Tracer Wire

1. Tracer wire for direct burial applications shall be a #10 AWG (0.1019" diameter) fully annealed, high carbon 1055 grade steel, high strength solid copper clad steel conductor (HS-CCS), insulated with a 30 mil, high-density, high molecular weight polyethylene (HDPE) insulation, and rated for direct burial use at 30 volts. Conductor must be at 21% conductivity for locate purposes. Break load of 684 lbs. Tracer wire shall be Copperhead Industries, Part No. 1030B-HS, or equal.



**RURAL WATER LINE PETITION & STATEMENT**

To: Board of County Commissioners  
Warren County, Ohio

The undersigned residents of Warren County, being the title holder of the hereinafter described properties (the "Petitioners"), by this petition filed with the Board of County Commissioners of the County of Warren, Ohio, and by this writing, requests, pursuant to Chapter 6103 of the Ohio Revised Code, and subject to the terms and conditions stated herein, that said Board of County Commissioners construct, own and operation the rural water line improvements (the "Improvements") described herein, and that the cost of said Improvements be born by the Petitioners and by future customers that connect to the Improvements as set forth hereafter:

**Improvements** The Improvements shall consist of small diameter (less than 8-inch) pressure rated polyvinyl chloride (PVC) water line, valves, fittings, customer service connections, and meters.

**Design of Improvements** The Water & Sewer Department shall prepare a preliminary design study that includes a water main alignment, estimated construction cost, necessary public utility easements, design and construction schedule, and anticipated revenues from customer connection fees and charges. The Board of County Commissioners shall review the results of the preliminary study and shall approve, revise, modify, or deny the petition. The Water & Sewer Department shall proceed forward with the design and construction of approved petitions.

**Public Utility Easements** The Improvements shall be constructed within the public right-of-way or dedicated public utility easements, which are typically located parallel and adjacent to the right-of-way. If requested by the Water and Sewer Department, Petitioners agree to grant public utility easements to the Warren County Board of Commissioners for the construction of the improvements. All cost associated with the preparation and recording of the easements shall borne by the Water and Sewer Department. Petitioners shall not be compensated for easements as each Petitioner stipulates that such improvement is being made at the Petitioners request and each irrevocably waives any claim for just compensation and damages to the residue for the grant of a public utility easement related hereto.

**Level of Service** The Petitioners acknowledge the Improvements shall be installed in accordance with Warren County's rural water standards, and that the level of service shall be limited to providing domestic water service only.

**Disclosures and Assumption of Risks** Each Petitioner acknowledges disclosure that the Improvements shall be insufficiently sized to

provide fire protection and therefore will not include fire hydrants, and assumes all known and unknown risks relating to not having fire hydrants.

**Customer Connection Fees and Charges** Within 6 months after completion of the Improvements, the Petitioners agree to register an account with the Warren County Water Department and pay the following fees and charges:

Tap-In Fee	\$4,000
Project Cost	\$1,500
Meter Set Fee	\$ 200
Lateral Inspection Fee	<u>    \$80</u>
TOTAL:	\$5,780

All Fees shall be collected prior to the start of water service. Fees shall not be eligible for assessment onto the County tax record.

**Water Lateral Extensions** Residents that connect to the County water system will be required to abandon their existing cisterns and wells and extend a private service lateral to the meter pit located at or near the right-of-way. The cost to abandon their existing cisterns and wells, and the lateral construction shall be performed and paid solely by the customer.

**Existing Cisterns & Wells** Cisterns and wells shall not be physically connected to the County's water system. Residents that connect to Warren County water shall obtain a plumbing permit from the Warren County Combined Health District. The Health District shall inspect the customer's plumbing to confirm that all cross connections to private water systems have been removed.

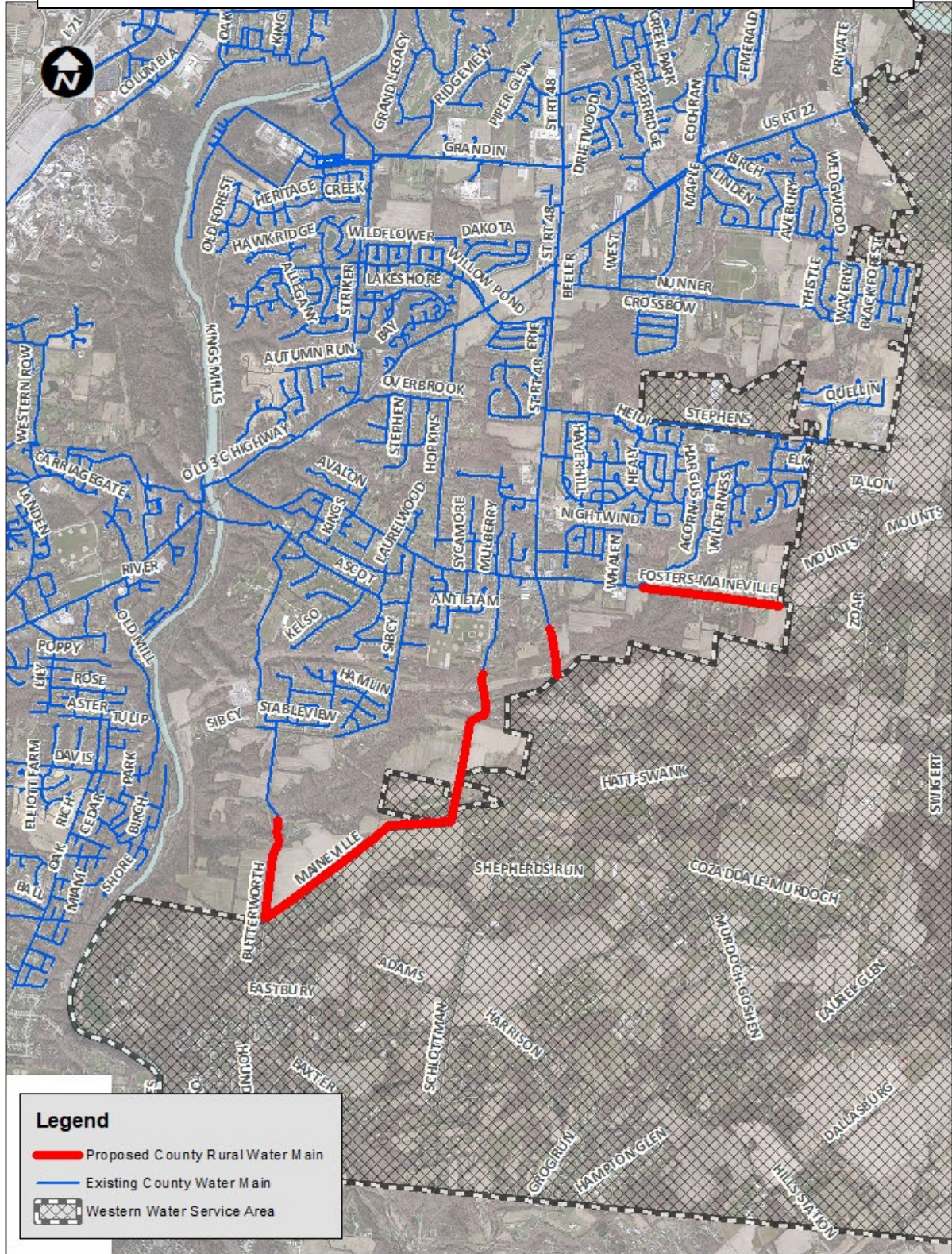
**WHEREAS**, we the undersigned Petitioners hereby request the construction of the rural water system Improvements to provide water service to the properties of the Petitioners; and do hereby request, consent, and agree, or state and represent, as follows:

1. That the Board of County Commissioners advance and finance the cost of the design and construction of the Improvements.
2. We, the petitioners, consent and agree that the construction of the Improvements will benefit the petitioner's land and request the establishment of a water improvement area which includes our land.
3. We, the petitioners, recognize that the cost of the constructed improvements will likely exceeds funds collected from the customer connection fees and charges described above and that the County is seeking commitments from petitioners to connect to the County's water system. We therefore agree that should the County proceed forward with the improvements, we the undersigned petitioners shall register an account, pay all fees and charges, and connect to the County Water System within six months of the project completion.

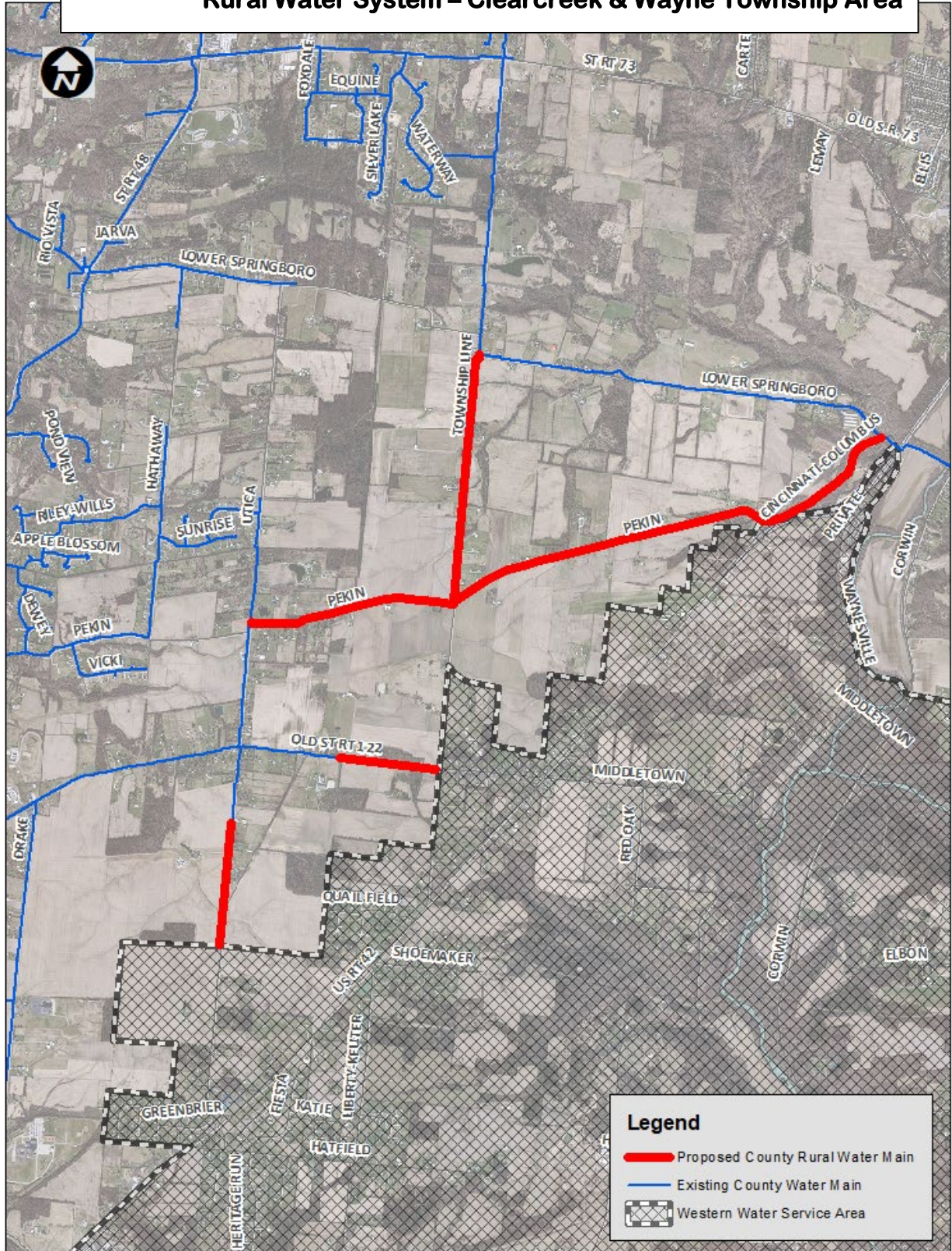
4. We, the petitioners, consent and agree that if and when service is commenced to our aforesaid land, the Board of County Commissioners shall be entitled to charge, and the owner or owners of said land shall pay service or user charges at such rates as then and thereafter shall be in effect and applicable.
5. We, the petitioners, state and represent that we accept and approve the aforementioned customer connection fees and charges which will be collected by the County as reimbursement for the design and construction of the Improvements and all legal, engineering and other costs associated with the construction of the improvements.
6. We, the petitioners, recognize and confirm that the aforementioned connection fees and charges shall also apply to all future customers that connect to the County's Improvements.
7. In addition to the connection fees and charges, each property owner shall be responsible for all costs associated with the construction of water service lateral from the structure to be served to meter pit provided at or near the right of way, and to abandon owner's cisterns and wells. The fee for the inspection of the water service lateral installed by each property owner shall be due when the connection is made.
8. We, the petitioners, consent and agree that the necessary easements shall be granted to permit construction of the Improvements subject to the terms stated above.
9. We, the petitioners, acknowledge the above disclosures and agree to the assumption of risks stated above.
10. The consents and agreements hereinabove contained shall be binding upon each of us and our respective legal representatives, heirs, devisees and assigns.



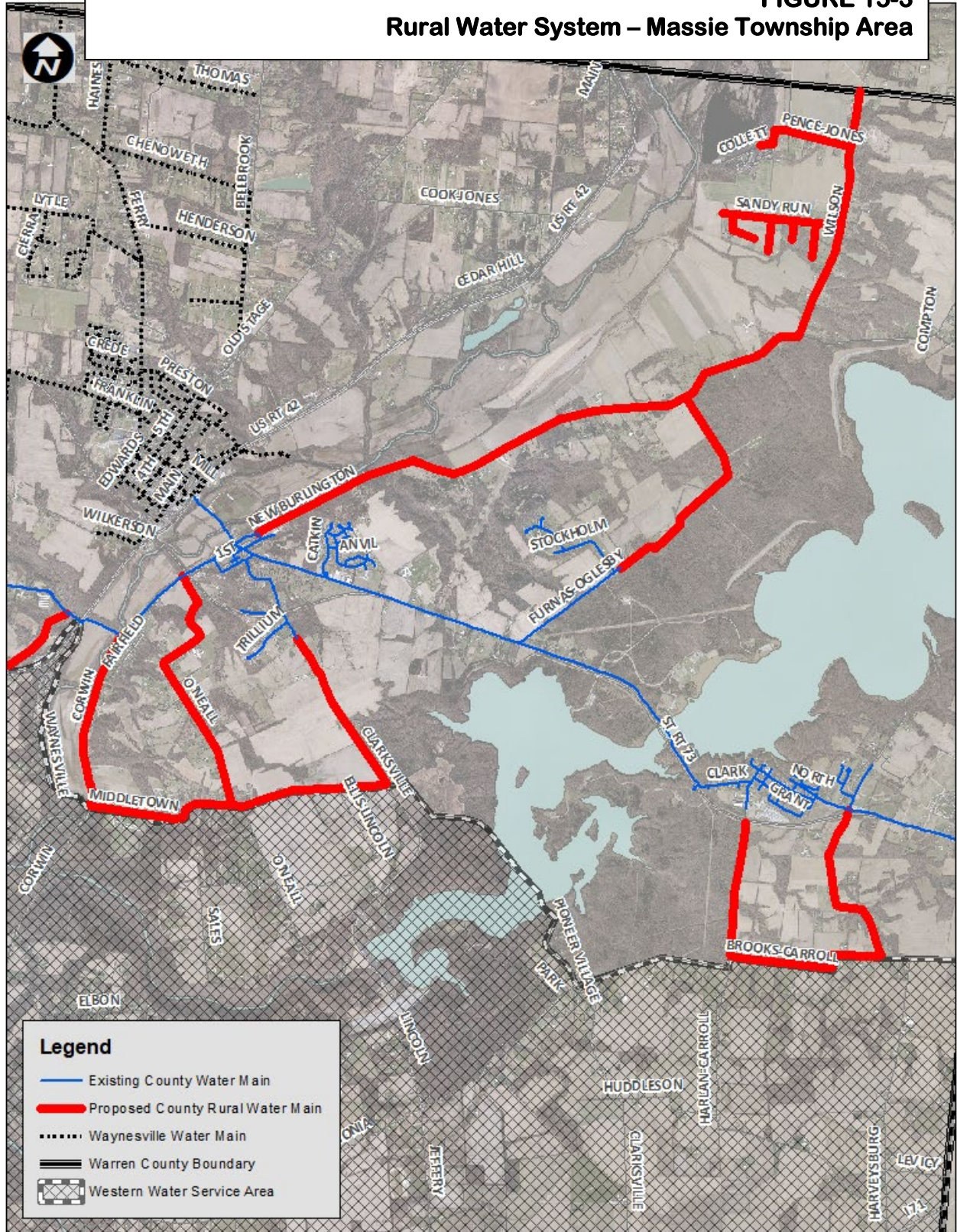
**FIGURE 15-1**  
**Rural Water System – Hamilton Township Area**



**FIGURE 15-2**  
**Rural Water System – Clearcreek & Wayne Township Area**



**FIGURE 15-3**  
**Rural Water System – Massie Township Area**



**SECTION XVI FORMS**

CASH BOND

WARREN COUNTY WATER & SEWER DEPARTMENT

TRANSFER WATER AND/OR SANITARY SEWER ACCOUNT

Date: \_\_\_\_\_

Re: \_\_\_\_\_  
Property Address

I hereby post a \$500.00 cash bond to guarantee that all deficiencies identified by the County during the final inspection of the water and/or sanitary sewer system improvements serving the subject property are corrected to the satisfaction of the County within thirty (30) calendar days of the date listed above.

I understand that if the required corrections are made within thirty (30) calendar days, the \$500.00 cash bond will be returned to me. If the required corrections are not made within thirty (30) calendar days, the County shall have the right to have the required corrections made, with the costs of such corrections subtracted from the cash bond. The balance of the cash bond shall then be returned to me.

\_\_\_\_\_  
(Applicant: Property Owner/Contractor)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Phone Number



## RELEASE OF ALL CLAIMS

The undersigned, \_\_\_\_\_ of \_\_\_\_\_ for and in consideration of the sum of \_\_\_\_\_ (\$\_\_\_\_\_) paid and received in settlement of a certain claim for damages due to sewer backup, does hereby discharge Warren County, Ohio, its officers and employees, and all other persons and entities of and from any and all claims, costs, compensation, commissions, injuries, damages, demands, actions, causes of action, liens and suits at law or in equity, whenever occurring or accruing, now or hereafter, for or because of any matter or thing done, omitted or permitted to be done, known and unknown which may arise from or be proximately caused by the backup damages on or about \_\_\_\_\_.

The undersigned acknowledge that the sole consideration for this Release is the aforesaid payment to the undersigned. That Warren County denies liability and responsibility for any compensation claimed, injuries sustained and any other claims made by the undersigned; and that the payment of the foregoing sum shall not be construed as an admission of liability.

The undersigned does hereby further agree, in consideration of the foregoing payment that this Release shall be binding upon their heirs, assigns, legatees, devisees, executors and administrators.

The undersigned hereby certifies that they have read this Release; that they understand its contents; that they give this Release in good faith; and that they sign it as their own free act on this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

WITNESS

# 1993 Ohio EPA Suggested Sewage Flow Guide

## Suggested Sewage Flow Guide

These estimated flows are empirical and are intended only for design of sewerage works.

Place		Estimated Sewage Flow Gallons Per Day
Apartments		250 one bedroom 300 two bedroom 350 three bedroom
Assembly Halls	Note a	2 per seat
Beauty Shop, Styling Salon		200 per basin
Bowling Alleys (no food service)	Note a	75 per lane
Churches (small)	Note a	3-5 per sanctuary seat
Churches (large with kitchen)	Note b	5-7 per sanctuary seat
Country Clubs		50 per member
Dance Halls	Note a	2 per person
Doctors/Dentists		75 per doctor 20 per employee 10 per patient
Drive-In Theaters		5 per car space
Factories (no showers)		25 per employee
Factories (with showers)		35 per employee
Food Service Operations Ordinary Restaurant (not 24-hour) 24-Hour Restaurant Banquet Rooms Restaurant Along Freeway Tavern (very little food service) Curb Service (drive-in) Vending Machine Restaurants	Note c Note c Note c Note c Note c Note c Note c	35 per seat at 400 ppm BOD <sub>5</sub> 50 per seat at 400 ppm BOD <sub>5</sub> 5 per seat at 400 ppm BOD <sub>5</sub> 100 per seat at 400 ppm BOD <sub>5</sub> 35 per seat at 400 ppm BOD <sub>5</sub> 50 per car space at 400 ppm BOD <sub>5</sub> 100 per seat at 200 ppm BOD <sub>5</sub>
Homes in Subdivision		400 per dwelling
Hospitals (no resident personnel)	Note b	300 per bed
Institutions (residents)	Note b	100 per person
Laundries (coin-operated)	Note e	400 per standard size machine
Laundry wastes require special consideration		Consult district office
Marinas (restrooms and showers only)		15 per boat mooring/slip/dock
Migrant Labor Camps	Note g	50 per person
Mobile Home Parks		300 per mobile home space
Motels		100 per unit
Nursing and Rest Homes	Note b	200 per patient at 300 ppm BOD <sub>5</sub> 100 per resident employee 50 per non-resident employee
Office Buildings		20 per employee
Recreational Vehicle Dumping Stations		Consult District Office
Recreational Vehicle Parks and Camps		See DWPC Policy 2.07
Retail Store		20 per employee
Schools - Elementary - High and Junior High	Note b Note b	15 per pupil 20 per pupil

## 1993 Ohio EPA Suggested Sewage Flow Guide

Place		Estimated Sewage Flow Gallons Per Day
Service Stations	Note d	1000 first bay or pump island 500 additional bay or pump island
Shopping Centers (no food service or laundries)	Note f	0.2 per sq. ft. of floor space
Swimming Pools (average) (with hot water showers)		3-5 per swimmer (design load) 5-7 per swimmer (design load)
Vacation Cottages		50 per person
Veterinarians and Animal Hospitals	Note h Note h	10 per run 10 per cage 20 per employee
Youth and Recreation Camps	Note b	50 per person
<p>Note a: Food service waste not included.</p> <p>Note b: Food service waste included, but without garbage grinders.</p> <p>Note c: Aeration tanks for these require 48 hour detention period. Garbage grinders not permitted.</p> <p>Note d: Truck parking areas will require consideration for treatment of runoff at large truck stops.</p> <p>Note e: Laundry (coin operated); temperature may be critical if not diluted with other sewage. Laundry flow shall not be more than 20 percent of the flow of a treatment plant. Commercial laundries will not be permitted for treatment plants designed for less than 30,000 gpd.</p> <p>Note f: Add laundries or other high flow or high strength uses.</p> <p>Note g: 20 gpd if vault latrine is used for toilet wastes.</p> <p>Note h: Assumes manual hosing and solids (food droppings, etc.) removal prior to hosing.</p>		

