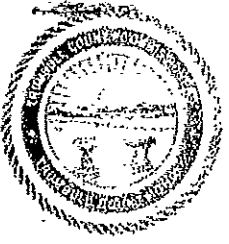


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TRUMBULL COUNTY COMMISSIONERS

160 HIGH STREET, N.W.
WARREN, OHIO 44481
Telephone: (330) 675-2451
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Commissioners

JOSEPH J. ANGELO, Jr., President
MICHAEL J. O'BRIEN
JAMES G. TSAGARIS

Clerk

ROSELYN J. FERRIS

February 4, 2000

The following action was taken by the Board of Trumbull County Commissioners on February 2, 2000, and duly recorded in their Journal Volume 109, Page 6674.

**RE: APPROVE OPERATING CODE ON THE
RULES AND REGULATIONS FOR
TRUMBULL COUNTY'S WATER SYSTEMS**

MOTION: Made by Mr. O'Brien, seconded by Mr. Tsagaris, to approve the OPERATING CODE on the Rules and Regulations for TRUMBULL COUNTY'S WATER SYSTEMS, effective February 2, 2000; this action per the recommendation of the Trumbull County Sanitary Engineer.

NOTE: A 90-day public comment period was observed. A copy of this OPERATING CODE shall be recorded with the County Commissioners' Journal.

Yeas: O'Brien, Tsagaris, Angelo
Nays: None

CERTIFICATION

I, Roselyn J. Ferris, Clerk of the Board of County Commissioners, Trumbull County, Ohio, do hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Board of Trumbull County Commissioners on February 2, 2000, and is duly recorded in Journal Volume 109, Page 6674.

Roselyn J. Ferris

Roselyn J. Ferris, Clerk
Board of County Commissioners

/kat

cc: Sanitary Engineer
Water/Sewer Department
Auditor

Commissioners' Agenda

February 2, 2000

To approve the Operating Code on the Rules and Regulations for Trumbull County's Water Systems, effective February 2, 2000, per the recommendation of the Trumbull County Sanitary Engineer.

Note: A 90-day public comment period was observed. A copy of this Operating Code shall be recorded with the County Commissioners' Journal.

RULES AND REGULATIONS

Trumbull County

Water Systems

Trumbull County Sanitary Engineer's Department

7500 Anderson Avenue, N.E.

WARREN, OHIO 44484

OPERATING CODE

Trumbull County Sanitary Engineer's
Water Regulations and Operating Code

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RULES AND REGULATIONS

Trumbull County Water Districts Trumbull County, Ohio

PREAMBLE

The following rules and regulations are established for use in preserving and promoting the public health and welfare in the Metropolitan and Mosquito Creek Sewer Districts and shall be applicable to the construction, maintenance and operation of the water distribution system in said districts. It is also necessary to establish, revise and enforce certain rules and regulations pertaining to rates or charges to be paid by every person, firm or corporation whose premises are to be and who are served by a connection to said water system. Said monies so collected shall be placed in a fund to be used to pay the cost of management, maintenance and operation of the water distribution system or may be used for the payment of interest and principal on any debt incurred for the construction or improvement of said water system.

A. DEFINITIONS

Unless specifically stated otherwise the meaning of terms in these rules and regulations shall be as follows:

1. "County" shall mean Trumbull County, Ohio.
2. "Sanitary Engineer" shall mean and designate the Sanitary Engineer of Trumbull County, Ohio.
3. "County Commissioners" shall refer to and designate the Board of County Commissioners of Trumbull County, Ohio.
4. "Contractor" shall refer to a person or corporation who enters into a contract with either the County or other persons, firm or corporation for the purpose of doing construction work affecting said water distribution system.
5. "Water Main" shall refer to a water pipe located in the street and from which the domestic water supply is delivered to the service pipe leading to the property.
6. "Service Main, line, branch or Pipe" shall refer to the pipe line extending from the water main to the building to be served.

7. "Corporation Cock" shall refer to a valve for joining a service pipe to a street water main. It is owned and operated by the County.
8. "Curb Cock" shall refer to a shut-off valve attached to a service pipe from the water main to the building, installed at the right-of-way, which may be operated by means of a valve key to start and stop flow in the water service to a building. It is owned and operated by the County only.
9. "Shall" means mandatory.
10. "May" is permissive.
11. AWWA shall mean American Water Works Association.

DIVISION A
WATER MAIN INSTALLATION

Section 1. Additional water main extensions to areas where taps are not conveniently available shall be made according to one of the following plans:

PLAN 1. Property owners in such an area may petition the Board of County Commissioners (hereinafter designated "Board") for the installation of such extensions, thereby agreeing, among other things, to the assessments and methods of financing provided in Chapter 6103.11, Ohio Revised Code. Thereafter, the Board shall determine whether it is in the public interest to proceed with such extension in accordance with said Chapter 6103.

PLAN 2. The Board may permit, subject to the approval of the Ohio Environmental Protection Agency, the owner or owners of property to be served with water to have such water main extensions installed by private contract (see Procedures to be followed on all Private Sewer and Water Improvements Appendix A). However, the installation of extensions to be included in the water system shall be under the control and supervision of the Board and its agents. Such control and supervision shall include prior approval of plans, specifications, profiles, materials and installation, including inspection of installation while in process. The Board will require that these installations, when complete, be conveyed to Trumbull County, together with an easement of 20 feet, or 10 feet on each side of the installation, for use during maintenance, inspection, replacement and repair, provided, however, that no such easement shall be required if the extension is installed in a State, County or Township highway or road right of way. The Board will also require that monies or a bond with a compensated corporate surety qualified to do such business in the State of Ohio, be deposited with the County in an amount not less than 20 percent of the estimated construction cost.

Any sums expended by the County or its agents for inspection, maintenance, repairs or for replacement during the period of installation or during the two years of operation (under the two year maintenance bond period) of said installation shall be paid to the County from said monies on deposit or said bond; if it is failed to be addressed by the responsible party who extended the water main (see Appendix C-Private Agreement Language).

After the expiration of said two year period, any sums remaining in any deposit of monies shall be returned and any bond shall be released.

PLAN 3. The Board will extend the water mains to new areas on its own initiative. The decision to take such action will be at the sole discretion of the Board, and will depend on many factors including the availability of sufficient surplus funds, the ability to service additional bonds, the needs of the area requesting service and the number of persons willing to contract and pay for water in such area.

Other plans, including plans provided for in other provisions of the Ohio Revised Code, and plans which call for contribution by or assessment against the parties proposing such plans will be considered by the Board as a possible basis for the extension of water mains.

PLAN 4. The Board shall extend the water mains to new areas if such is ordered by the Ohio Environmental Protection Agency as provided in Chapter 6103.11 of the Ohio Revised Code.

Section 2. Both water mains and trunk mains shall be located and sized as determined by the Trumbull County Sanitary Engineer's Department, based on engineering considerations and district requirements. All fire hydrants shall be located as determined by the Trumbull County Sanitary Engineer's Department based on engineering considerations and service conditions. All construction shall be inspected by the Trumbull County Sanitary Engineer's Department or his designated Representative. Five (5) day notice shall be given to the Trumbull County Sanitary Engineer's Department prior to commencing any construction.

Unless special conditions warrant the installation of smaller water service mains, or increased volume of water needs by customers require larger mains, all mains for direct service to customers shall be a minimum of eight inches (8") in size.

A six-inch (6") line may only be used on dead end streets or cul-de-sacs which cannot be extended, and the distance is not over three hundred feet with a fire hydrant on the end.

In cases where mains must be larger than eight inches (8") to also perform the function of trunk mains, combination service-trunk mains may be constructed.

Whenever the Trumbull County Sanitary Engineer's Department deems it necessary, water mains shall be extended beyond the limits of the project and looped so as to eliminate dead ends, the costs of which shall be included with the costs of the entire project.

Water service mains shall be constructed along the full frontage of a premises when platted, or when in the opinion of the Sanitary Engineers, unplatted premises are in the same category as if platted. Water service mains along unplatted and undeveloped premises may be constructed to the point selected by the Trumbull County Sanitary Engineer's Department.

In special cases, the Sanitary Engineer's Department may waive the above requirements, when there is no possibility of a water service main being needed beyond the premises. However, the requirement that no premises shall be served with water until an equitable and equivalent payment for a water service main has been made, shall not be abrogated.

The above determinations by the Trumbull County Sanitary Engineer's Department are subject to the approval of the Trumbull County Commissioners.

B. All new or modified waterlines shall be pressure tested, sterilized and tested for bacteria before the water service shall be received. All sterilization and bacteria testing shall be conducted or supervised by the Trumbull County Sanitary Engineer's Department. All sterilization and bacteria testing shall be governed by A.W.W.A. standards and must be completed before water service will be received. In cases of a Private Extension costs for such pressure and bacteriological testing shall be boreed by the responsible party named in the Agreement. Newly constructed lines shall be tested not sooner than thirty (30) days from completion unless authorized by the Trumbull County Sanitary Engineer due to extenuating circumstances. Any request for a variance shall be made in writing to the Trumbull County Sanitary Engineer's Department.

C. All new and modified service lines shall be pressure tested by the Trumbull County Sanitary Engineer's Department and they must be completed before water service will be received.

D. All work shall be done in accordance with A.W.W.A. guidelines. Disinfection and testing shall be performed in the following order:

- (1) The line shall be pressure tested.
- (2) Pump chlorine into line using the continuous feed method.
- (3) Allow chlorine to remain in line, undisturbed for a minimum contact period of 24 hours and a maximum period of 48 hours.

- (4) Flush line at cleansing velocity for an adequate time to displace the chlorine and to remove all dirt and debris.
- (5) Allow water to remain in line undisturbed for a minimum of 16 hours.
- (6) Withdraw water samples from sample points along line usually spaced three hundred (300) to five hundred (500) feet apart.
- (7) Allow line to remain undisturbed until bacteria test results are found to be within acceptable limits. (Bacteria test failure will require the line to be re-chlorinated.)

This procedure may be modified in situations where it is deemed necessary by the ~~by the~~ Sanitary Engineer.

E. The curb stop valve and box is maintained only by authorized employees of or by specific permission of and under direct supervision of the Trumbull County Sanitary Engineer's Department. Any expense incurred by the Trumbull County Sanitary Engineer's Department in maintaining such service is chargeable against the person causing the damage or the owner of the service. This also applies to developers who damage or bury the curb box.

The part of the service beyond the curb box stop and before the control valve, normally installed inside shall be maintained by the owner of the property, through his plumber or contractor, at the owner's expense.

F. Under no conditions shall anyone but authorized employees of the Trumbull County Sanitary Engineer's Department restore any service which has been disconnected.

As soon as a service has been disconnected, the contractor shall advise the Trumbull County Sanitary Engineer's Department by calling and shall give the location of the service and an approximate time after which the service can be permanently restored.

G. No person shall take or use any water from a fire hydrant or other outlet connected with mains supplied with water by the water works of the County for any purpose other than the extinguishing of a fire, unless such use shall have been first authorized by the Trumbull County Sanitary Engineer, and in the event that such use is not for a public purpose in the County until and unless the charge for any such water to be so taken is in accordance with the County's Rules and Regulations.

H. No one shall permit water to run when not in actual use. All possible waste of water must be prevented.

All water used by a Contractor during the construction and testing period shall result in a charge. This charge shall be determined by the Trumbull County Sanitary Engineer's Department.

In order to avoid any misunderstanding, it is mandatory that the contractor undertaking an operation where water mains and services are involved, notify the Sanitary Engineering Department in writing at least five (5) days before he intends to start work. The starting date and a brief schedule of his operation should be given.

DIVISION B
SERVICE BRANCHES

The length of the service branch from the property line to the building shall be constructed by the owner in accordance with these rules and regulations.

Branches installed for fire protection shall be subject to special requirements set forth herein and approved by the Sanitary Engineer, and applications for such water service shall be made only by the owner of the premises to be served or by his authorized agent.

Section 1. An application for water-sewer service of any of the aforementioned types, made in accordance with these Rules and Regulations, when accepted by the Sanitary Engineer's Department, shall constitute a contract. Service will be continuous so long as these Rules and Regulations are complied with, until termination is requested by the customer, except as elsewhere herein specified for water only accounts.

Application for all types of water service must be made at the Sanitary Engineer's Office on the forms provided, or in such other manner as specified by the Sanitary Engineer and must be signed by the property owner.

Any property owner or prospective water consumer who has contracted for water with the County by signing and submitting to it the application for water service, as authorized and provided for in the proceedings for the aforesaid water improvements, shall be entitled to connect the service branch line into the premises for which service is desired, provided, however, that such water consumer understands, agrees to and complies with the terms contained in said application and these regulations, their amendments, and other requirements of the Board.

Section 2. Any property owner or prospective water customer contracted for water with the County by signing and submitting application for water service shall be required to pay a service connection fee as established by the Trumbull County Commissioners.

Section 3. The following terms, requirements and specifications must be complied with concerning the nature, installation, location and maintenance of such service line unless specific written consent to the contrary is obtained from the Board or its authorized agent:

A. The premises to be served must abut (front) the road, street or right-of-way in which the service main is located.

No service branch shall be installed to serve property which does not abut (front) the street or road on which the service main is located except with the authority of the Sanitary Engineer. Every building wherein water is used shall have a separate service branch and meter; provided, however, that any variation in this respect may be authorized by the Sanitary Engineer and the Board of County Commissioners if it is shown that such variance will not be harmful to the water system in the present or in the future. In authorizing such variance, such conditions as may be necessary and proper may be attached. Any commercial variance which requires a manifold shall provide a means to shut off individual services and lock them out. Any variance granted shall be in writing and authorized by the Board of County Commissioners.

B. A separate service branch shall be used for each consumer to be served. Each unit of a duplex shall have its own separate service. Any multiplex units shall require provisions to accommodate and be accessible for a meter manifold system. In existing cases where a duplex is found to have a single water service line, a second service line shall be run to the unit without its own water service when there is a change in ownership or the tenant. The property owner is responsible to notify the Trumbull County Sanitary Engineer's Billing office of any change of ownership or tenant. The new property owner must request a final reading upon a change in possession.

C. A separate meter shall be installed for each consumer.

D. The water meter shall be installed by the County or its authorized agents in the manner and location specified by the plans and specifications for the aforesaid water improvements. Meters installed shall belong to the County and remain the property thereof. The cost of providing the meter and its installation shall be included in the fee for the connection.

E. In the case where the County constructs the water service line, the costs of those portions of the service line(s) installed by the County or its authorized agent to reach the curb stop and curb box from the water main shall also be included in the fee for providing the connection.

The water service line from the curb stop and the curb box to the consumer shall be installed by the consumer at the consumer's own cost and shall connect to the water main distribution system at the "user's point of connection" provided at the curb stop and curb box.

F. The County will construct its portion of the branch line to the edge of the public right-of-way or easement in which the main line is laid for the property occupied by a

building when construction is performed by a contract through the County Commissioners. Vacant properties shall not be provided a branch line unless such is requested in writing by the property owner and authorized by the County Commissioners.

G. Service branch lines may be required to be left uncovered until inspected and approved by the Board or its agents.

H. There shall be no cross-connection between this public water system and any other source of water whatsoever, including private wells and cisterns. If a well system is maintained; it shall not be cross connected with the public water system at anytime and an appropriate backflow device shall be provided on the potable water service branch line.

I. Service branch lines shall not be laid in the same trenches with sewer lines or connections, or septic tanks and their appurtenances.

J. Water service branches on private property shall be owned by the owner of said property and that portion of the service branch shall be maintained in proper condition by the owner. A leak not repaired in the consumer's portion of the branch line within five (5) days from the consumer's knowledge of such leak, official or otherwise, written or verbal, will justify the discontinuance of water service by the County. If deemed necessary by the Trumbull County Sanitary Engineer's department, on the basis of age or condition of pipe, the entire customer's service line shall be replaced by materials as specified within these Rules & Regulations. If the leaking service is causing damage or a hazardous condition, it may be turned off immediately.

K. Repairs or replacement of the County's water system property, including branch lines, meters and distribution system, damaged through the fault of the consumer or his representative, shall be paid for by such consumer.

L. The Board and its employees and agents shall have the right to enter any premises of the consumer to perform meter reading and any necessary inspection, maintenance, replacement, or repair of any portion of the water system, the branch service lines and any other lines or plumbing connected to said system and lines.

M. Water will be turned on only by an authorized employee of the County after the application has been filed. No application for water service will be allowed or water supplied to any applicant or consumer that is indebted to the County for water service, work done, materials furnished or penalties imposed. This section will apply whether the indebtedness was incurred at the premises for which

application is made, or at any other premises serviced by the County. No person or contractor shall turn on water. Anyone found to have turned on water shall be subject to penalties found in Division D of these regulations.

N. No connection into more than one building shall be made from any one tap unless the Sanitary Engineer has given his approval in writing. The County Sanitary Engineer reserves the right to stipulate the conditions under which the connection is to occur.

O. The installation of the meter shall be made by the County but all other plumbing work necessary to accommodate the meter must be done by the consumer. Provisions must be made so that the meter is accessible and at a location and elevation that it can easily be maintained and read. The County shall be responsible for the maintenance of the meter and its replacement without charge to the consumer except where the damage is caused by hot water or other neglect on the part of the consumer, and in which case the cost of repairs or replacement shall be charged to the consumer. All inside meters shall be attempted to be read and plumbing inspected at least once a year.

P. The Sanitary Engineer and authorized employees of his office shall have the right, at reasonable times, to enter any premises where a meter is installed for the purpose of reading, examining, inspecting and testing meters, for investigating cross connections, or for any other purpose deemed necessary for the proper operation and maintenance of the County's utility. Basically, all meters will be installed within the building they serve. The Sanitary Engineer shall be authorized to fix reasonable charges for the removal, examination, inspecting, testing and re-installing of meters upon application of the consumer.

Q. An application for service from any person, firm, or corporation shall be denied as long as said person, firm or corporation owes a delinquent bill for services performed or repairs made by the Sanitary Engineers Department, including but not limited to water/sewer supply and service, disconnection of a service, hydrant repairs, meter repairs, service repairs and main repairs.

The Sanitary Engineers Department Billing Office shall transfer any invoices for service charges for service rendered, delinquent bill for water, sewer, or surcharges from a closed account of a person's file, or corporation which remains delinquent for a period of twenty (20) days or more to an active account of said person, firm, or corporation if one exists within the County's water and or sanitary sewer systems districts. The Sanitary Engineers Billing Office shall transfer any manually prepared charges

rendered to a person, firm, or corporation which remains delinquent for a period of twenty (20) days or more to an active account of said person, firm or corporation if one exists within the County's water and/or sanitary system districts.

A manually prepared charge shall be those payments and/or penalties as listed in Division D F, and J in addition to the user fees.

If said bill remains unpaid for twenty (20) days or more from the date of transfer, the customer will be notified that the service will be terminated if payment is not received within seven (7) days of this notice.

R. Whenever a customer is the principal in a bankruptcy proceeding, the Trumbull County Billing office shall review the matter in accordance with bankruptcy proceedings as outlined in the County Prosecutor's Memo found in Appendix G. Thereafter, billing shall proceed on a normal schedule with the acceptance that a deposit shall be required again as outlined in Appendix G in the amount as listed in Division D, Section 2 in the amount of \$250.00. Failure to resolve delinquencies shall result in termination of water service and certification of water and sewer user fees.

S. Auxiliary meters may be set by the owner of the premises, wherever the owner wishes, for their purpose of determining the amount of water used in certain areas of the premises. The County will not sell, or will they install, read or be responsible in any way for their accuracy and maintenance of the auxiliary meter.

T. The water service on any premises shall be maintained in such physical condition that meters can be installed, exchanged, or tested as required. Any repairs necessary to maintain the service properly shall be the obligation of the customer.

If a water service is found to be in poor physical condition, the customer shall be notified by a notice left at the premises and/or a letter. This notification will also contain a directive to repair the service.

U. Meters are required to be set with the face in a horizontal position at a point on the incoming service pipe as close as possible to the building or foundation wall on the inside of the building. In buildings without basements, the meter shall be set in a utility room or kitchen located adjacent to an outside door and must be accessible to read, remove, repair and replace. Approved prints shall be on file at the Engineering Department for both types of settings.

Such settings must at all times have unobstructed access for the purpose of reading and servicing the meter. Under no condition shall a meter be placed under a sink, in a closet, in a crawl space, or a secluded location. Meters shall be placed in a heated space not subject to freezing.

Any property owner found with a water meter unaccessible shall be given a written notice to make and keep the meter accessible within (30) days of the notice date. Failure to make or keep the water meter accessible shall result in water service being shut off. Any costs incurred by the Trumbull County Sanitary Engineer's Department to make a meter accessible shall be charged for services required.

A specially designed protective enclosure, removable by the Sanitary Engineer's employees without removing screws, or bolts and latches may be placed over a meter in an unprotected position.

The Sanitary Engineer's Department will not be responsible for damage to floor coverings which are placed in such a manner that it is necessary to walk over same to read or service a meter.

Meters may be placed in an attached garage, if heated; otherwise, they must be placed in an insulated enclosure of a design approved by the Sanitary Engineer's Department to prevent freezing. The Sanitary Engineer's Department, in any case, is not responsible for damage caused by freezing.

Water service will not be provided to premises until the requirements of this section are complied with, regardless of the extent of corrective alterations needed.

No one shall be permitted to install anything other than brass meter connections approved by the Sanitary Engineer's Department.

The Trumbull County Sanitary Engineer's Department shall determine when a meter shall be located in a vault or meter box. If it is determined that a vault or box is necessary, the cost shall be borne by the property owner. Plans for vaults, boxes and meter settings shall be approved by the Sanitary Engineer's Department and shall be constructed in accordance to their specifications and detailed drawings.

No obstruction shall be placed at anytime on the cover of such vaults or boxes and the covers also shall be kept free from snow and ice. These vaults shall be maintained in a manner so that the meter may be read and serviced by the Trumbull County Sanitary Engineer's Department.

A drain with sufficient capacity to carry off all water that can leak from a meter, or meter setting, is required to be installed in a vault in such a manner that damage to the property and/or furnishings from such leaks is prevented. Sump pumps may be required where the drains do not sufficiently keep the water drained in a vault. The Sanitary Engineer's Department, in any case, is not responsible for damage caused by water leaking from a meter or meter setting.

V. Meters shall be removed only by authorized employees of the Trumbull County Sanitary Engineer's Department except as otherwise herein provided for.

Violations of this Regulation will result in a charge being added to the customer's account for expenses incurred, in addition to charges for damage to or loss of meters, and charges for amount of unmetered water estimated to have been used.

W. Meters utilized by the County shall meet the accuracy specifications of the American Water Works Association (AWWA). This shall apply to both new and to reconditioned meters (if such is the case).

The cost of repairs to all water meters owned by the County, made necessary because of normal wear and deterioration, will be assumed by the Sanitary Engineer's Department.

Repairs to privately owned meters shall be the responsibility of the owner.

X. Meters owned by Trumbull County may be tested at the instigation of the Sanitary Engineer's Department or of the customer. If requested by the customer, such request shall be in writing and a charge for testing the meter, which is determined by the size of the meter, shall be billed to the consumer in either the first or second billing from the performance of the work. A schedule of charges will be available at the Sanitary Engineer's Department.

The customer should make arrangements to be present to witness the test. If the customer chooses not to witness the test, the findings of the Sanitary Engineer's Departments as to the results of the test shall be accepted as final. A written result of the test finding shall be made available to the customer and a copy kept by the Trumbull County Billing Office.

If upon testing, the meter is found to be accurate in accordance with American Water Works Association standards, the testing charge shall be billed as indicated in Item X above. If the meter is found to be running fast, there shall

be no testing charge.

Y. Meters and appurtenances attached thereto shall not be tampered with. If the Sanitary Engineer's Department finds that a meter seal has been broken or there is evidence that a meter has been tampered with, the water may be shut off and not turned on again until a payment, determined by the Sanitary Engineer's Department, has been made to pay for resealing.

The customer may also pay for the estimated quantity of water which has not been registered because of said tampering before the water is turned on. Repeated violations will result in termination of water service for violations of these Rules and Regulations.

Z. By-passes around meter setting shall be required for two-inch (2') and larger meter installations.

The by-pass line shall have a valve which is sealed in the "off" position. Only the Trumbull County Sanitary Engineer's Department may break this seal and open this by-pass. Seals shall be monitored by the Trumbull County Sanitary Engineer's Department on a regular basis. Such by-pass installations shall be in accordance with the Trumbull County Sanitary Engineer's Department.

AA. Stainers shall be required for two-inch (2") and larger meter installations. *

BB. Remotes shall be required to be wired to the water meter and located on the outside of the property in a location which allows easy access for the service workers.

Remotes may not be installed to relieve the owner of the responsibility of placing the meter in a pit where required by regulations.

Remotes shall be installed only by authorized employees of the Trumbull County Sanitary Engineer's Department. The Department shall not be responsible for the defacement or damage of property caused by necessary holes, fastenings or other work required for proper installation.

In the event of malfunction of remote, the inside reading of the main meter shall prevail at all times.

CC. The Sanitary Engineer's Department shall attempt annually to obtain an inside water meter reading. A yearly notice to water customers (district by district) shall be mailed that shall require the Sanitary Engineer's Department Personnel to attempt to read the customers inside water meter. Dates shall be established when entry shall be

required. Provisions should be made to let County Meter Readers inside. The County shall make provisions to read on Saturdays when possible and feasible.

If the property owner/customer can not accommodate the dates they shall notify the Billing Office and schedule an appointment, or mail or call in their inside water meter reading. If the appointment is scheduled and not kept the County shall charge a service call fee unless a cancellation notification is given to the Billing office. If an inside water meter reading is not obtained the County shall prepare an estimated bill.

If a customer has a remote register, the customer should read the inside meter at least semi-annually and make sure it reads the same as your remote register.

If they differ by more than 2 (two) digits, this should be reported to the Trumbull County Sanitary Engineer's Billing Office.

In the event of malfunction of exterior remote, the inside reading of the main meter shall prevail at all times.

DD. At the discretion of the Trumbull County Billing Office shall place information notes on the billing statement to customers regarding service. Notes shall be placed and may only apply to a specific user.

DIVISION C
WATER RATES

Section 1. That in order to pay the expenses of conducting and managing the aforesaid water improvement in the Trumbull County Metropolitan and Mosquito Creek Sewer Districts, and to make adequate provision for the payment of interest, principal and other fund requirements of the obligations heretofore or hereafter authorized and sold to finance the construction of Water Improvement Projects and extensions thereto in said Sewer Districts, the rates and charges for water service for the aforesaid water improvements shall be established in accordance with the Ohio Revised Code 6103.02. through the Trumbull County Board of Commissioners. Such rates shall be periodically reviewed by the Trumbull County Sanitary Engineers Department. Minimum bills shall be billed based on 3000 gallons of consumption. Unless otherwise specified here within these Rules and Regulations all water consumption shall also be billed as sewage within the Mosquito Creek and Metropolitan Sewer Districts.

DIVISION D
USER CHARGE POLICIES AND PROCEDURES
PAYMENTS AND PENALTIES

Section 1. Meters will be read and bills will be rendered monthly or as determined by the Sanitary Engineer. No meter readings will be combined for billing purposes, and readings and billings will be in units of 1,000 gallons. The amount stated on any bill is net, and bills are to be paid on or before the date stated on the bill. Any accounts not paid in full within ten (10) days of the mailing date will have ten per cent (10%) added to the net amount shown and will be shown as a gross amount due. Billings shall commence sixty (60) days after issuance of application for service. A minimum bill shall be incurred where water service is an active account (on). Any variance made verbally to Trumbull County Billing Office must be field investigated by the Trumbull County Sanitary Engineer's Agent and approved by the Sanitary Engineer.

Section 2. Tenants or persons other than property owners desiring water service for which the owner has made application, shall deposit with the County Water and Sewer Accounting Office a fee of \$250.00.

This section shall apply whether or not there has been a change of ownership or occupancy of the premises supplied. Any owner of real estate installing or maintaining water service connections shall be considered as accepting the provisions of these rules and regulations and shall agree to be liable for all water service charges for such real estate as is carried in the name of the owner or in the name of

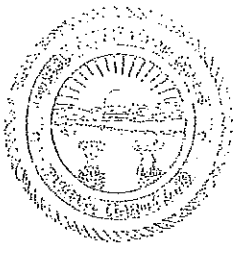
such tenant or other persons who may be occupying said real estate premises. Property owners are responsible to immediately notify the Trumbull County Sanitary Engineer's Office of any tenant charges. The property owner shall request a final read by the Trumbull County Sanitary Engineer's Billing Office on an account where there is a change in tenant(s).

Section 3. Failure to pay in full said net amount and penalty gross amount within twenty (20) days of the date stated thereon will subject the account to shut-off of service to the consumer whose bill has not been paid. Such a shut-off will not relieve the consumer of such consumer's obligation to pay the applicable monthly rate. If the customer has not paid the late bill at the Trumbull County Sanitary Engineer Billing Office or arranged for payment within twenty (20) days after the billing date a final notice will be sent informing the customer that the service will be terminated if payment is not received within seven (7) days of the date on the final notice. After receiving a final notice for non-payment of a bill, the total amount past due must be paid in cash or money order at the Trumbull County Sanitary Engineer Billing Office. Seven days (7) after final notice, the Sanitary Engineer Department Billing Office will post all receipts. If payment has not been received by then a two (2) day notice will be provided before terminating service. Customers can regain service only by making payment in full which may include a service charge and penalties. This section does not preclude the Trumbull County Sanitary Engineer's Department from pursuing a delinquent account against a property owner or tenant in small claims court if such is so desired by the Trumbull County Sanitary Engineer or his representative.

The decision to terminate is generally based on customer account status and any tampering by the customer with the County's water system. Specifically, water service can be discontinued for the following reasons:

- (a) Violating drought imposed restrictions.
- (b) Failure to promptly repair leaking service line after notice from the Engineering Department to do so.
- (c) The use of water on any premises other than that recorded in the application except as may herein otherwise be provided for.
- (d) Cross-connection or interconnection with any other supply of water when not approved by the Sanitary Engineer. This includes installation of pipe and fixtures such that a possibility of back-siphonage or back-flow, in the opinion of the Engineer, or designated representative, exists.
- (e) Tampering with any service pipe, meter, curb stop, corporation stop, or any appurtenances, or the seal on any appurtenances.
- (f) Nonpayment of water/sewer bills, or other charges assessed under the terms of these Rules and Regulations.
- (g) Failure to provide reasonable and safe access to

C.E. Godfrey
Sanitary Engineer
Rec'd



TRUMBULL COUNTY COMMISSIONERS

160 HIGH STREET, N.W.
WARREN, OH 44481-1093
330-675-2451
Fax: 330-675-2462

RECEIVED

FEB 13 2008

TR. CO. SANITARY ENGINEER

Clerk
Paulette A. Godfrey

Commissioners
Frank S. Fuda
Paul E. Heltzel
Daniel E. Polivka

February 13, 2008

The following action was taken by the Board of Trumbull County Commissioners on February 13, 2008, and duly recorded in the Journal Volume 130, Page(s) 13239:

**RE: AMEND PRIVATE FIRE LINE RATE
RESOLUTION ADOPTED FEBRUARY 11, 1999**

MOTION: Made by Mr. Heltzel, seconded by Mr. Fuda, to amend Trumbull County's Private Fire Line Rate Resolution adopted by the Board of Commissioners on February 11, 1999, duly recorded in Journal Volume 106, Page 5863; adjusted rates effective with next billing in all water districts; this action per the recommendation of the Trumbull County Sanitary Engineer.

PUBLIC FIRE PROTECTION RATE SCHEDULE:

TAP SIZE AT MAIN	COST PER MONTH
Up to 2"	\$27.50
> 2" to 4"	\$37.50
> 4" to 6"	\$55.00
> 8" and over	\$80.00

SPECIAL NOTE: Schedule reflects extra capacity costs associated with potential demands by fire protection requirements and direct costs relocated to investment in, and maintenance of public fire hydrants, pump stations, and elevated storage tanks.

Yeas: Heltzel, Fuda, Polivka
Nays: None

CERTIFICATION

I, Paulette A. Godfrey, Clerk of the Board of County Commissioners, Trumbull County, Ohio, do hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Board of Trumbull County Commissioners February 13, 2008, and is duly recorded in their Journal Volume 130 Page(s) 13239.

Paulette A. Godfrey

Paulette A. Godfrey, Clerk/Interim Administrator
Board of County Commissioners

/pjvk

cc: Sanitary Engineer

Section 5. Accounts which remain delinquent will be placed in the hands of the Treasurer of Trumbull County for collection in the manner authorized and prescribed by law.

Section 6. Should a consumer fail to receive a bill at the appropriate billing cycle, the consumer must contact the Water and Sewer Accounting Office for a duplicate, and in no case is a consumer relieved, by the failure to receive a bill, of such consumer's responsibility for regular billing cycle payments. The Trumbull County Sanitary Engineer shall pursue delinquent accounts for a period back to seven (7) years as prescribed by the statutes of limitation. Furthermore the Trumbull County Sanitary Engineer Billing Office Manager shall have the discretion to arrange payment plans to help in the collection of delinquent accounts.

Section 7. The following charges are established for the extraordinary services indicated for each situation. The charge shall be invoiced or included in the bill submitted to the consumer in either the first or second month following the performance of the extraordinary service.

	<u>Charges</u>
A. Special meter reading or meter service calls at request of consumer except for final bill or initial service.....	\$30.00
B. Turn-on or off service at curb box at request of consumer:	
1. During regular working hours.....	\$35.00
2. After regular working hours.....	\$60.00
C. Service call for meter damaged by negligence, vandalism, freezing or hot water (cost of repair or new meter, if required, will be billed in addition to).....	\$60.00
D. Special service calls for circumstances not pertaining to County Water Operations responsibilities and that involves personal property water systems after regular working hours.....	\$100.00
E. Turning off services as a result of fraud or illegal diversions of water, including unauthorized turn-on of water or other violation of the County's regulations.... (plus cost of water)	\$125.00
F. Testing of meter at request of consumer:	
1. Where meter tests more than three (3) per cent fast.....	None

2. Where a 5/8" x 3/4" or 1" meter tests less three (3) percent fast.... 50.00
 - 1-1/2" and 2" meters..... Based upon cost of
 - 3" meter..... testing at time of
 - 4" meter and larger..... request
3. When a meter is to be tested, the meter shall be removed, transported to and from the meter shop, and reinstalled by the County..... None
4. If it becomes necessary for the County to remove a meter for a period of time for tests and repairs, a temporary meter will be installed and the charge for water during the absence of the meter will be based on that meter.
- G. NSF Charge.....\$25.00
- H. Miscellaneous Services shall be billed on hourly rate of pay plus benefits.

Customers wishing to terminate their water service contract may do so by telephone requesting a final reading or providing information via the telephone. When the Trumbull County Sanitary Engineer's Billing Office is notified that the customer wishes to terminate the service, a final bill will be prepared, stating thereon all the charges required to be paid by the customer. Customers must provide a forwarding address to the Trumbull County Sanitary Engineer Department's Billing Office. A change of property ownership shall require a verification of a final read.

When a customer will be discontinuing the use of this service for a limited period of time only, they must notify the Trumbull County Sanitary Engineer's Department's Billing Office in writing as to when the service is requested to be turned off and then back on again. Specific information required is the customer's name, address, date, time of turnoff and anticipated time of turn on. Any turn on after regular working hours shall be subject to a service call charge. The customer must be home for the service to be turned on again.

Section 8. All private fire protection lines built for an industry, business or area will be billed a flat fee established from time to time by the Trumbull County Commissioners. These lines may not be used, except for a fire.

Section 9. In the case of leased properties, parcels or land or premises having a connection with the County's water works system, the lessor and lessee shall both be liable for the

payment of the water charges herein provided, and the County may proceed to collect such charges from either the lessor or lessee, or it may certify delinquent charges to the Auditor of Trumbull County as provided by applicable statutes.

The Lessor shall notify the Trumbull County Billing Office of any changes regarding the lessee. Failure to provide notification shall result in the shut off of water and appropriate charges under Division D of these regulations..

Section 10. That all funds received from the collection of the rates and charges hereinafter provided shall be deposited regularly with the Treasurer of Trumbull county, who shall keep the same in separate funds attributable to the revenues produced in each Sewer District subject to these rates and charges. Such funds shall be used in accordance with the provisions of any resolution or indenture authorizing and securing the issuance of bonds for paying costs of construction and installing said water works system and otherwise as directed by the Board.

Section 11. When demolishing a building, or otherwise abandoning a service, the water service shall be disconnected at the main by removing the tap or tee and installing a plug or repair clamp, or repairing sections, or by shutting off corporation by the County.

Abandoned services, either on vacant or improved property, discovered as being connected to main, may be disconnected at the main, by the County and the cost of removing the property owner's portion of such service lines shall be charged to the owner of the services.

Section 12. The County disclaims any responsibility for damages arising from the shutting off of a water main, or the shutting off of a supply of water to any premises pursuant to these rules and regulations.

Section 13. The County disclaims any responsibility for damage by water to any personal or real property caused by leaks of broken or open pipes, meters, or fixtures unless the County is directly negligent in the performance of services.

Section 14. When it is not possible for the Trumbull County Sanitary Engineer's Department to obtain a reading due to the inability to gain access or to a malfunction in the water meters or equipment, the amount of water used will be estimated on the basis of past usage on the premises in comparable periods, and a bill submitted for this amount of water/sewer. For each consecutive month thereafter for which an estimate is required, the amount to be billed will be increased by twenty percent (20%) or service shall be terminated at the discretion of the Sanitary Engineer.

A correction of estimated bills will not be made until the

next billing is made on the basis of an actual meter reading. Refund of overpayments will be credited to the customer's account. If the customer terminated the water service account, any refund due will be credited on the final bill.

Section 15. All water that passes through the water meter may be charged for whether used, wasted or lost by leakage.

If a customer feels, that the meter is inaccurate, the Billing Office will honor a request to have the meter tested. A schedule of costs for meter tests is located in the Billing Office. If the meter is found to be accurate within the allowable limits (within 3%), the testing cost will be charged to the customer and included in the next appropriate billing cycle. If it is found to be inaccurate beyond the allowable limits (above 3%), the account will be adjusted, the meter will be replaced, and there will be no charge for the meter test.

If, after the above actions have been completed, the customer still feels unjustly charged, the customer may forward, in writing, all facts pertinent to the account in question to the Sanitary Engineer.

The Sanitary Engineer will review the facts of the case and shall make a determination.

Section 16. If a meter fails to register, or is found to be out of order, the customer will be charged at the average consumption for comparable periods, as shown by the meter when in order and registering accurately.

Section 17. When a check is returned due to insufficient funds the customer will be notified in writing and a fee will be charged in addition to the amount owed. This notice, sent from the Trumbull County Sanitary Engineer's Billing Office, will allow ten (10) days for the amount due (including service fee) to be paid, or the water service will be discontinued in accordance with these County Rules and Regulations. This must be paid in cash or by certified check. If in the ten (10) day period this bill has not been paid and the water service is discontinued, the water service cannot be turned back on until the amount due, including the service fee, is paid in full. If the N.S.F. check was issued to avoid turn-off of service due to delinquency on account, property will immediately be tagged for shut-off.

Section 18. In health circumstances where water is to be shut off on a delinquent account, the customer shall provide written documentation on the need for water from their physician within seven (7) days if their service is to continue. This matter shall then be reviewed by the Trumbull County Prosecutor's Office for further action. Any late fees/penalties shall be applicable on unpaid monies owed.

DIVISION E
ENGINEERING AND PLUMBING
REQUIREMENTS

Section 1. Minimum specifications for installations shall be determined upon application for service. No service branch shall be constructed without application for service being first issued by the Trumbull County Sanitary Engineer's Department.

Section 2. All service branches shall be installed at least four (4) feet deep to prevent freezing.

Section 3. For service branches smaller than two (2) inches, any of the following materials shall be used:

- A. Copper, type K, soft
- B. Plastic, polyethylene 200 psi

All fittings and couplings shall be of a suitable material approved by the Trumbull County Sanitary Engineer's Department. All service branches larger than 2" shall meet the current specifications on file at the Sanitary Engineer's Department. Arrangements shall be made for service branches larger than 2" with the Trumbull County Sanitary Engineer's Department. Strainers shall be required for two (2) inch and larger meter installations.

No application for a service branch larger than 2" in diameter, or for an additional service branch, shall be granted without the special approval of the Sanitary Engineer.

On all branches 4" and larger, fittings shall be of ductile iron or other suitable materials as approved by the Trumbull County Sanitary Engineer. Suitable fitting in accordance with these regulations shall be used, where required, on service branch lines smaller than 4".

Section 4. Prior to and during construction of a water main, the consumer shall advise the Board or its authorized representative of the point at which such consumer desires the branch line to enter the consumer's premises. Such consumer shall also indicate this point by an appropriate stake placed at this point. Service connection to existing lines shall be marked with an appropriate stake prior to the installation of the tap.

Section 5. Service branches from the curb stop and curb box to the meter may be inspected by an authorized inspector of the County.

This inspection, if required, is to be done with the water pressure on the service pipe before backfilling the trench. Failure on the part of the applicant in having this requested inspection performed shall be sufficient cause for withholding service.

Section 6. Only authorized agents of the Board will be permitted to make any repairs or perform other services to the branch line from the main to the curb stop and curb box, and including the meter. In case of freezing, leaks, or other damage to this portion of the line and meter, prompt notice to such agents by the persons discovering the damage is required. Freezing, leaks and other deficiencies in the consumer's portion of the branch line are the consumer's responsibility and such consumer will have any necessary repairs or replacements made at such consumer's own cost.

Section 7. No electric, neutral, or ground wires will be connected to any water pipes or lines.

Section 8. The water supply will be shut off at any time the Board or its authorized agent is so requested by the consumer, provided, however, that this does not relieve the consumer of the monthly and other charges set forth in the consumer's application and these regulations.

Section 9. All service lines shall be of strength equal to the standard adopted by the Sanitary Engineer. Services constructed of plastic, polyethylene shall require an electrical conducting tracer line, per the Sanitary Engineer's specifications.

DIVISION F SPECIAL RULES AND PENALTIES

Section 1. The following activities, with respect to the County's aforesaid water improvements or interconnected water lines and plumbing, are prohibited to any person not specifically authorized by the Board:

A. The deposit of filth or any deleterious substance on or in the County's property related to such improvements and equipment therefore, or the doing of any damage or nuisance of any kind in connection therewith.

B. Any unauthorized tampering whatsoever with such County property, including the unauthorized opening or use of fire hydrants and other outlets, the unauthorized uncovering of any branch lines or equipment and any unauthorized attachment or attempted attachment.

C. Any tampering with or removal of a water meter by the owner of the premises metered or by another.

Any person violating any of the above prohibitions shall be denied water service from any of the Trumbull County water improvements until all water used and any other cost, damage or expense to the water system has been paid for, including inspection costs, turn-on charges, monthly charges, delinquency charges and any other charges applicable.

D. All service branch construction shall be performed by a competent contractor or master plumber and must meet the requirements of these Rules and Regulations and the inspection of the Sanitary Engineer.

E. The Sanitary Engineer shall cause the water service to be shut off to any building or premises or to any portion thereof where an interconnection is found between the water supply or water distributing pipes and any drain, waste, soil pipe or well of non-potable water supply, or for any connection which in the opinion of the Sanitary Engineer may contaminate the water supply.

F. An approved backflow prevention device shall be installed on each service line to a consumer's water system serving premises, which on the judgement of the Trumbull County Sanitary Engineer, a health, pollutional, or system hazard to the public water system exists. This is in accordance with Trumbull County Backflow Prevention and Cross Control Program, Journal Volume 83, Page 401. All provisions shall apply with regard to this program (See Appendix B).

Section 2. In addition, Ohio Revised Code Section 6103.29, as hereinafter set forth and as may be amended from time to time, will be enforced at the initiative of the Board, its authorized agents and the County Prosecutor with respect to any such unlawful tampering:

"No person shall tamper with or damage any water supply or water main constructed under Sections 6103.02 to 6103.30, inclusive, of the Revised Code, or any apparatus or accessory connected therewith or pertaining thereto. No person shall make any connection with such water supply of water main without permission of the Board of County Commissioners, or make any such connections in a manner for a use other than as prescribed by such Board. No person shall refuse to permit the inspection by the County Sanitary Engineer of any such connection or willfully cause the pollution of any water supply. No person shall violate Sections 6103.02

to 6103.30 of the Revised Code. All fines collected under Section 6103.99 of the Revised Code shall be paid to the County Treasurer and credited to such fund as the Board determines."

The penalties and fines set forth in the Ohio Revised Code Section 6103.99 will be imposed on any violator for any single violation of this section.

Section 3. No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenances, or equipment which is a part of the County water system. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

Section 4. Special charges may be added to customer's account to pay for repair of any damage which may occur to the County's system due to actions of the customer or his representative.

DIVISION G EXTRAORDINARY SERVICES

Section 1. Requests for extraordinary services shall be submitted to the Board or its authorized agent.

Section 2. The Board or its authorized agents will either provide for such extraordinary services by special agreement with those requesting such services, or will, in case the demand is sufficient, publish rates in addition to those in Section 7 of Division D for such extraordinary use.

DIVISION H GENERAL

Section 1. In any instance where the source of supply of water for the aforesaid water improvements is another political subdivision, and the contract for such water supply provides that certain rules and regulations applicable to that political subdivision's water utility must be followed in connection with the County's distribution system connected to such source of water, then such rules and regulation shall be deemed adopted by the Board and shall be applicable to so much of the aforesaid water improvements as are connected to such source of water.

Section 2. These regulations, including the charges heretofore set forth, may be from time to time amended, changed or repealed as the Board may find advisable.

Section 3. The County does not guarantee any fixed pressure, volume or a continuous supply; these being subject to the varying conditions which may arise in the operation and maintenance of the water supply.

DIVISION I
FIRE PROTECTION SERVICE

A. The minimum size of a water main for providing fire protection and serving fire hydrants shall be six-inch diameter. Larger size mains will be required if necessary to allow the withdrawal of the required fire flow while maintaining the minimum residual pressure required by the industry standards.

B. Pipe lines intended for fire protection shall not be tapped or used for the general supply of any building, structure or premises unless authorized by the Trumbull County Sanitary Engineer and Trumbull County Commissioners through a written agreement.

C. The Trumbull County Sanitary Engineers Department will provide water within operating ranges determined from pressure and flow testing and/or from hydraulic calculations, but cannot guarantee uninterrupted or constant pressures and volumes within the system due to system demands, maintenance work, break down time of main lines or of supply and treatment facilities, power outages, or due to acts of nature, phenomenon or a violation of water regulations.

D. If at any time a fire protective system is found to be in violation of any of the County's Rules and Regulations, all changes necessary to make said systems comply therewith must be made within thirty (30) days after written notice to do so. A copy of the written notice may be sent to the interested insurance company, if known. Failure to comply as directed will result in discontinuance of service after a five (5) day period.

E. The contractor will provide and install the primary control valve for the fire line at the outlet on the public main. The primary valve shall be located next to the main or as determined by design as required by the Trumbull County Sanitary Engineer's Department and will be constructed by the property owner.

F. Fire systems shall be protected from backflow and cross connections as established in Appendix B.

Fire systems having a looped system with more than one source of supply from the County distribution system shall provide backflow prevention at each source.

G. All automatic fire protection systems shall have check valves as required by National Fire Protection Association.

H. Private fire systems and the apparatus connected therewith may be tested by the parties owning the same or by the insurance inspectors under the following conditions:

- (1) Notice shall be given to the Trumbull County Sanitary Engineer's Department, in writing one (1) week prior to the date of the test, that such a test is desired. The Trumbull County Sanitary Engineer's Department may have an employee present if they so desire.

I. Fire flow tests on public hydrants may be conducted by insurance companies, Fire Departments or Fire Sprinkler Companies under the following conditions:

- (1) Notice shall be given to the Trumbull County Sanitary Engineer's Department, in writing, one (1) week prior to the date of the test, that such a test is desired.
- (2) All tests shall be made in the presence of a representative assigned by the Trumbull County Sanitary Engineer's Department. A charge shall be made for the employee's time based on costs as determined by the Trumbull County Sanitary Engineer's Department.
- (3) The insurance companies requesting such tests shall provide sufficient personnel to conduct these tests.
- (4) Results of the tests shall be provided to the Trumbull County Sanitary Engineer's Department.

J. All private fire protection system lines shall be charged in accordance with a rate established by a Trumbull County Commissioners Resolution.

PUBLIC FIRE HYDRANTS DIVISION J

All fire hydrants shall be located as determined by the Trumbull County Sanitary Engineer's Department based on Engineering and service conditions. Spacing of hydrants shall be determined base on density and type of structures along with provisions for water main installations and AWWA recommendations.

No person, firm or corporation shall use any fire hydrant in the water system without written authorization via a permit from the Sanitary Engineer or his agent.

Hydrant Meter accounts shall be established for temporary use if water from fire hydrants for construction, demolition, agricultural and similar purposes. Customers are required to pay deposits on meters and the permit fee established from the time to time and to return them at the end of the project. Charges may be added to pay for the repair of any damages to the County's system due to actions of the customer or services performed by the County in providing temporary use.

An application for permit for water service to obtain temporary water from a public hydrant shall be made at the Trumbull County Sanitary Engineer's Department on the necessary forms provided. A permit fee as established from time to time shall be paid. The Trumbull County Sanitary Engineer's Department reserves the right to determine when and for what purpose water taken from the hydrants is to be used and to approve or reject such use. When the Sanitary Engineer, or his/her designate, determines that the use of water under a hydrant permit is not in the best interest of the water distribution system, the permit may be canceled and any excess deposit over charges will be returned.

Any person drawing water from a hydrant must possess an authorized external wrench, control valve and meter, together with the necessary permit or photocopy of same at the site of said hydrant usage.

Only connection of an external control valve and a hydrant meter supplied by the Trumbull County Sanitary Engineer's Department are to be connected directly to the hydrant. No other type of hoses or connections will be allowed. Special considerations may be granted to those requesting the use of connections other than that specified, provided the request is made in writing to the Trumbull County Sanitary Engineer's and a real need for this connection can be justified for specific instances.

All illegal connections, hoses, meters and/or devices attached to any hydrant will be confiscated, as well as all unauthorized wrenches used to operate the hydrant.

Water is to be taken only from hydrants authorized for such purpose by the Trumbull County Sanitary Engineer's Department. The hydrant must be opened and closed very slowly to prevent waterhammer from developing within the main. An external control valve must be inserted in the line before the hose adapter to regulate the flow.

Hydrants shall be left in a condition equal to or better than found, i.e., all caps replaced on nozzles and tightened securely with the wrench.

Hydrants used between November 1 and April 1 must be pumped and/or thawed out by the permit holder if so needed. If this is not satisfactorily completed daily, the permit will be revoked.

The operator of the Hydrant from which water is being drawn must be in the immediate vicinity of the subject hydrant while said hydrant is in use.

Violation of these rules and regulations shall result in an administrative penalty of \$500.00 charge and the water services being disconnected.

These regulations also apply to other Government Agencies. Fire hydrant inspection and flow testing shall be performed in accordance with the Trumbull County Sanitary Engineer Department's Policy found in Appendix B.

The cost of water purchased from a fire hydrant shall be established from time to time by Resolution by the Trumbull County Commissioners.

SPRINKLER SYSTEMS DIVISION K

The County Sanitary Engineers Department shall establish provisions from time to time and found in Appendix F for the construction and installation of sprinkler system services. Service line construction shall be in accordance to Division B of these Rules and Regulations. Violation of these Rules and Regulations shall result in a \$500.00 penalty assessed to the customer and the water service being disconnected.

SEVERABILITY DIVISION L

In the event that any Section or Sub-section(s) of these Rules or Regulation amendment or revision thereto is held to be unenforceable, invalid, contrary to law or otherwise restrained from its full force and effect by a court or other tribunal of competent jurisdiction, the remaining Section (s) or Sub-section(s) of the Manual, to the extent that they remain unaffected by such declaration of restraint, shall continue in full force and effect.

The County Commissioners reserve the right to effectuate a lawful alternative to any Section or part thereof declared unenforceable, invalid, or contrary to law.

APPENDIX A
CROSS CONNECTION CONTROL

C R C S S - C O N N E C T I O N C O N T R O L

Section 1. Cross-Connection Control - General Policy

A. Purpose. The purpose of these Rules and Regulations is:

1. To protect the public potable water supply from contamination or pollution by insulating within the consumer's water system contaminants or pollutants which could backflow through the service connection into the public potable water system.
2. To 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.
3. To provide for the maintenance of a continuing program of cross-connection control which will systematically and effectively prevent the contamination or pollution of the public and consumer's potable water systems.

B. Application. These Rules and Regulations shall apply to all premises served by the public potable water system of Trumbull County.

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

Section 2. Definitions.

A. The following definitions shall apply in the interpretation and enforcement of these rules and regulations:

1. "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.
2. "Approved" means that a backflow prevention device or method has been accepted by the supplier of water and the director as suitable for the proposed use.
3. "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.
4. "Backflow" means the flow of water or other liquids, mixtures, or substances into the distributing pipes of a potable water supply from any source other than the intended source of the potable water supply.
5. "Backflow prevention device" means any device, method, or type of construction intended to prevent backflow into a potable water system.
6. "Consumer" means the owner or person in control of any premises supplied by or in any manner connected to a public water system.
7. "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.
8. "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.
9. "Cross-connection" means any arrangement whereby backflow can occur.
10. "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.

11. "Director" means the director of the Ohio Environmental Protection Agency or his duly authorized representative.
12. "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.
13. "Health hazard" means any condition, device, or practice in a water system or its operation that creates, or may create, a danger to the 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.
14. "Interchangeable connection" means an arrangement or device that will allow alternate but not simultaneous use of two sources of water.
15. "Non-potable water" means water not safe for drinking, personal, or culinary use.
16. "Person" means the state, any political subdivision, public or private corporation, individual, partnership, or other legal entity.
17. "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.
18. "Potable water" means water which is satisfactory for drinking, culinary, and domestic purposes and meets the requirements of the Ohio Environmental Protection Agency.
19. "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, pollutional, or system hazard if introduced into the public or a potable consumer's water system. This includes, but is not limited to:
 - a. polluted or contaminated waters;
 - b. process waters;
 - c. used waters originating from the public water system which may have deteriorated in sanitary quality;

- d. cooling waters;
 - e. contaminated natural waters taken from wells, lakes, streams, or irrigation systems;
 - f. chemicals in solution or suspension;
 - g. oils, gases, acids, alkalis, and other liquid and gaseous fluids used in industrial or other processes, or for fire fighting purposes.
20. "Public water system" has the meaning ascribed to such term in Section 6109.01 and 6109.02 of the Ohio Revised Code.
21. "Reduced pressure principle backflow prevention device" means a device 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 at the cessation of normal flow, the pressure between these two checks shall be less than the supply pressure. In case of leakage of either check valve, the differential relief valve, by discharging to the atmosphere, shall operate to maintain the pressure between the check valves at less than the supply pressure. The unit must include tightly closing shutoff valves located at each end of the device, and each device shall be fitted with properly located test cocks.
22. "Service connection" means the terminal end of a service line from the public water system. If a meter is installed at the end of the service, then the service connection means the downstream end of the meter.
23. "Supplier of water" means the owner or operator of a public water system.
24. "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.
25. "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.
26. "Used water" means any water supplied by a supplier of water from a public water system to a consumer's water system after it has passed through the service connection and is no longer under the control of the supplier.

Section 3. Water System.

- A. The water system shall be considered as made up of two parts: the public potable water system and the consumer's water system.
- B. The public potable water system shall consist of the source facilities and the distribution system, and shall include all those facilities of the potable water system under the control of the Sanitary Engineer up to the point where the consumer's water system begins.
- C. The source shall include all components of the facilities utilized in the production; treatment, storage and delivery of water to the public distribution system.
- D. The public distribution system shall include the network of conduits used for delivery of water from the source to the consumer's water system.
- E. The consumer's water system shall include those parts of the facilities beyond the service connection which are utilized in conveying water from the public distribution system to points of use.

Section 4. Cross-Connections Prohibited.

- A. No water service connection shall be installed or maintained to any premises where actual or potential cross-connections to the public potable or consumer's water system may exist unless such actual or potential cross-connections are abated or controlled to the satisfaction of the Sanitary Engineer.
- B. No connection shall be installed or maintained whereby water from an auxiliary water system may enter a public potable or consumer's water system unless such auxiliary water system and the method of connection and use of such system shall have been approved by the Sanitary Engineer and by the Director of the Ohio Environmental Protection Agency as required by Section 6109.13 of the Ohio Revised Code.

Section 5. Survey and Investigations.

- A. The consumer's premises shall be open at all reasonable times to the Sanitary Engineer, or his authorized representative, for the conduction of 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 public potable water system.

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

Section 6. Where Protection Is Required.

- A. An approved backflow prevention device shall be installed on each service line to a consumer's water system serving premises, where in the judgment of the Sanitary Engineer or the Director, actual or potential hazards to the public potable water system exist.
- B. An approved backflow prevention device shall be installed on each service line to a consumer's water system serving premises where the following conditions exist:
 - 1. Premises having an auxiliary water system, unless such auxiliary system is accepted as an additional source by the Sanitary Engineer and the source is approved by the Director of the Ohio Environmental Protection Agency;
 - 2. Premises on which any substance is handled in such a fashion as to create an actual or potential hazard to the public potable 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 Sanitary Engineer;
 - 3. Premises having internal cross-connections that, in the judgment of the Sanitary Engineer, are not correctable, or intricate plumbing arrangements which make it impractical to determine whether or not cross-connections exist;
 - 4. Premises where, because of security requirements or other prohibitions or restrictions, it is impossible or impractical to make a complete cross-connection survey;
 - 5. Premises having a repeated history of cross-connections being established or re-established.
 - 6. Others specified by the Sanitary Engineer or the Director.

C. An approved backflow prevention device 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 Sanitary Engineer or the Director determines that no actual or potential hazard to the public potable 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. Chemical plants;
7. Metal plating industries;
8. Petroleum processing or storage plants;
9. Radioactive material processing plants or nuclear reactors;
10. Car washes;
11. Others specified by the Sanitary Engineer or the Director.

D. An approved backflow prevention device shall be installed at any point of connection between the public potable or consumer's water system and an auxiliary water system, unless such auxiliary system is accepted as an additional source by the Sanitary Engineer and the source is approved by the Director of the Ohio Environmental Protection Agency.

Section 7. Type of Protection Required.

A. The type of protection required under Sections 6.A, 6.B and 6.C of these regulations shall depend on the degree of hazard which exists as follows:

1. An approved air gap separation shall be installed where the public potable water system may be contaminated with substances that could cause a severe health hazard;
2. An approved air gap separation or an approved reduced pressure principle backflow prevention device shall be installed where the public potable water system may be contaminated with any substance that could cause a system or health hazard;
3. An approved air gap separation or an approved reduced pressure principle backflow prevention device or an approved double check valve assembly shall be installed where the public potable water system may be polluted with substances that could cause a pollutional hazard not dangerous to health.

- B. The type of protection required under Section 6.D of these regulations shall be an approved air gap separation or an approved interchangeable connection.
- C. Where an auxiliary water system is used as a secondary source of water for a fire protection system, the provisions of Section 7.B for an approved air gap separation or an approved interchangeable connection may not be required, provided:
1. At premises where the auxiliary water system may be contaminated with substances that could cause a system or health hazard, the public or consumer's potable water system shall be protected against backflow by installation of an approved reduced pressure principle backflow prevention device;
 2. At all other premises, the public or consumer's potable water system shall be protected against backflow by installation of either an approved reduced pressure principle backflow prevention device or an approved double check valve assembly;
 3. The public or consumer's potable water system shall be the primary source of water for the fire protection system;
 4. The fire protection system shall be normally filled with water from the public or consumer's potable water system;
 5. The water in the fire protection system shall be used for fire protection only, with no regular use of water from the fire protection system downstream from the approved backflow prevention device;
 6. The water in the fire protection system shall contain no additives.

Section 8. Backflow Prevention Devices.

- A. Any backflow prevention device required by these rules and regulations shall be of a model or construction approved by the Sanitary Engineer and the Director and shall comply with the following:
1. An air gap separation, to be approved, shall be at least twice the diameter of the supply pipe, measured vertically above the top rim of the vessel, but in no case less than one inch.
 2. A double check valve assembly or a reduced pressure principle backflow prevention device shall be approved by the Sanitary Engineer, and shall appear on

the current list of approved backflow prevention devices of the Ohio Environmental Protection Agency.

3. An interchangeable connection, to be approved, shall be either a swing type connector or a four-way valve of the lubricated plug type that operates through a mechanism which unseats the plug, turns it ninety degrees and reseats the plug. Four-way valves shall not be used as stop valves but must have separate 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.
- B. Existing backflow prevention devices approved by the Sanitary Engineer or the Director of the Ohio Environmental Protection Agency at the time of installation and properly maintained shall, except for inspection, testing and maintenance requirements, be excluded from the requirement of Section 8.A of this regulation providing the Sanitary Engineer is assured that they will satisfactorily protect the public potable water system. Whenever the existing device is moved from the present location or requires more than minimum maintenance or when the Sanitary Engineer finds that the maintenance of the device constitutes a hazard to health, the device shall be replaced by a backflow prevention device meeting the requirements of these regulations.

Section 9. Installation.

- A. Backflow prevention devices required by these rules and regulations shall be installed at a location and in a manner approved by and at the expense of the water consumer. In addition, any backflow prevention device required by Section 7.B and 7.C of these regulations shall be installed at a location and in a manner approved by the Director of the Ohio Environmental Protection Agency as required by Section 6109.13 of the Ohio Revised Code.
- B. Backflow prevention devices 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.
- C. 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.

- D. Reduced pressure principle backflow prevention devices must be installed above ground level or floor level, whichever is higher.

Section 10. Inspection and Maintenance.

- A. It shall be the duty of the consumer at any premises on which backflow prevention devices 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:

1. Air gap separations shall be inspected at the time of installation and at least every twelve months thereafter;
2. 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 and at least every thirty months.

3. Reduced pressure principle backflow prevention devices 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 and at least every five years.

4. Interchangeable connections shall be inspected at the time of installation and at least every twelve months thereafter.

- B. Inspections, tests, and overhauls of backflow prevention devices shall be made at the expense of the water consumer and shall be performed by the Sanitary Engineer or a person approved by the Sanitary Engineer as qualified to inspect, test and overhaul backflow prevention devices.

- C. Whenever backflow prevention devices required by these regulations are found to be defective, they shall be

repaired, overhauled or replaced at the expense of the consumer without delay.

- D. The water consumer must maintain a complete record of each backflow prevention device from purchase to retirement. This shall include a comprehensive listing that includes a record of all tests, inspections, repairs and overhauls. Records of inspections, tests, repairs and overhaul shall be submitted to the Sanitary Engineer
- E. Backflow prevention devices shall not be by-passed, made inoperative, removed or otherwise made ineffective without specific authorization by the Sanitary Engineer.

Section 11. Booster Pumps.

- A. Where a booster pump has been installed on the service line to or within any premises, such pump shall be equipped with a low pressure cut-off device 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. It shall be the duty of the water consumer to maintain the low pressure cut-off device in proper working order and to certify to the Sanitary Engineer, at least once a year, that the device is operating properly.

Section 12. Violations.

- A. The Sanitary Engineer 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 Sanitary Engineer, or if it is found that the backflow prevention device has been removed or by-passed, or if an unprotected cross-connection exists on the premises, or if a low pressure cut-off 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 Sanitary Engineer.



TRUMBULL COUNTY COMMISSIONERS

160 HIGH STREET, N.W.
WARREN, OH 44481-1093
330-675-2451
Fax: 330-675-2462

RECEIVED

MAY 14 2007

cc: Rex
GN
SCOTT V.
REN W.

TR. CO. SANITARY ENGINEER

Clerk

Paulette A. Godfrey

Commissioners
Frank S. Fuda
Paul E. Heltzel
Daniel E. Polivka

May 9, 2007

The following action was taken by the Board of Trumbull County Commissioners on May 9, 2007, and duly recorded in their Journal Volume 128, page 12555.

**RE: ADOPT 'ADDENDUM' TO OPERATING CODE
ON RULES AND REGULATION FOR
TRUMBULL COUNTY WATER SYSTEMS**

MOTION: Made by Mr. Polivka, seconded by Mr. Fuda, to adopt an 'Addendum' to the OPERATING CODE on the Rules and Regulations for TRUMBULL COUNTY'S WATER SYSTEMS which was enacted by the Board of Trumbull County Commissioners on February 2, 2000, duly recorded in Journal Volume 109, Page 6674; Addendum includes a comprehensive procedure for the proper abandonment of wells or the continued use of wells for new and existing water customers of the Trumbull County Sanitary Engineer's Department; this action per the recommendation of the Trumbull County Sanitary Engineer.

NOTE: *Addendum shall be recorded on the Journal for record purposes.*

Yeas: Polivka, Fuda, Heltzel
Nays: None

CERTIFICATION

I, Paulette A. Godfrey, Clerk of the Board of County Commissioners, Trumbull County, Ohio, do hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Board of Trumbull County Commissioners on May 9, 2007, and is duly recorded in Journal Volume 128, page 12555.

Paulette A. Godfrey, Clerk/Interim Administrator
Board of County Commissioners

/kat

cc: Sanitary Engineer

ADDENDUM NO. 1 TO
TRUMBULL COUNTY WATER
OPERATING CODE:

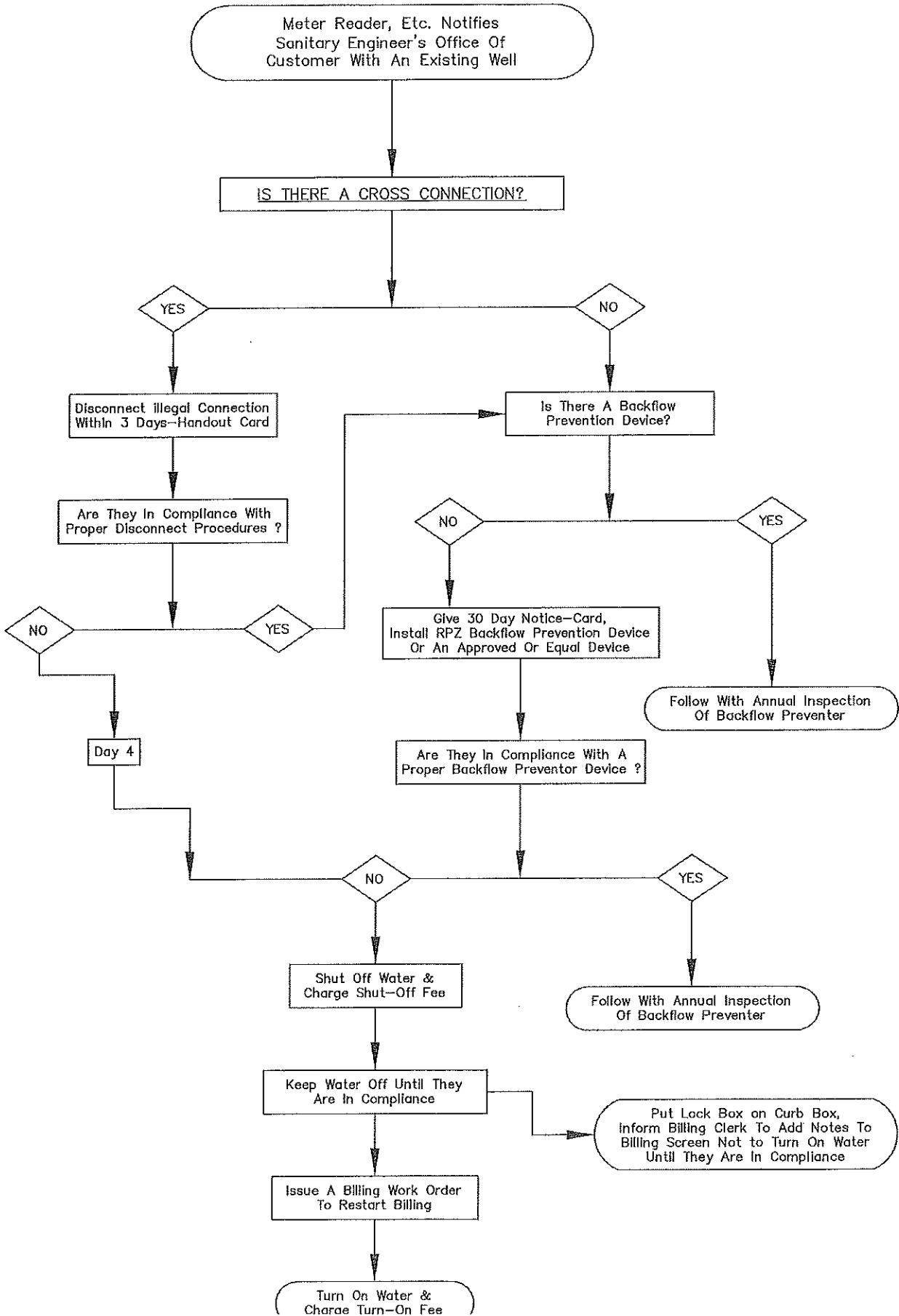
POLICY FOR WATER
CUSTOMERS CONCERNING
PRIVATE WELLS

MAY 9, 2007

TRUMBULL COUNTY SANITARY ENGINEER'S DEPARTMENT

PROCEDURE FOR AN EXISTING CUSTOMER WHO HAS A WELL

REVISED MAY 11, 2007



STATE OF OHIO

Annual Test & Maintenance Report for Backflow Prevention Assemblies

Facility Name: _____ Contact Person: _____
 Address: _____

Assembly Information

Make: _____
 Model: _____
 Size: _____
 Serial Number: _____

Installation Information

Containment Isolation

Meter Pit Basement Floor Number: _____
 Penthouse Boiler Room Room Number: _____
 Mechanical Room Protection Provided: _____

Double Check Assembly

Initial Test	Outlet Valve		Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
	1 st Check Valve	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Date	2 nd Check Valve	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>

Reduced Pressure Assembly

1 st Check Valve	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Relief Valve Opening Point	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
2 nd Check Valve		Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Outlet Valve		Pass <input type="checkbox"/>	Fail <input type="checkbox"/>

Pressure Vacuum Breaker

Air Inlet Valve	_____ psig	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Check Valve	_____ psig	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>

Repairs & Materials Used	
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Double Check Assembly

Re-Test After Repairs	Outlet Valve		Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
	1 st Check Valve	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Date	2 nd Check Valve	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>

Reduced Pressure Assembly

1 st Check Valve	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Relief Valve Opening Point	_____ psid	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
2 nd Check Valve		Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Outlet Valve		Pass <input type="checkbox"/>	Fail <input type="checkbox"/>

Pressure Vacuum Breaker

Air Inlet Valve	_____ psig	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Check Valve	_____ psig	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>

TESTER CERTIFICATION: *I hereby certify that the above data is correct and that the backflow prevention device is in proper working condition.*

Tester Name (Printed) _____ Signature _____
 Company Name _____ Ohio Cert. No. _____ Contractor No. _____ Date _____

FACILITY CERTIFICATION:

I hereby certify that the above backflow prevention device has been in constant use at this location during the entire prescribed interval between test periods and during that period this device was not bypassed, made inoperative or removed without proper authorization. I further certify that I have the authority and responsibility to ensure the above.

Owner/Officer (Printed) _____ Signature _____
 Title _____ Date: _____

Certificated Backflow Testers

County	Last Name	First Name	Work Number	Expiration Date	CERT Number	Active
Trumbull	Aston	Isaac D	(330) 7190663	2/20/2007	4072	Yes
Trumbull	Biggs	Richard	(330) 373-5599	5/26/2009	715	Yes
Trumbull	Blosser	Brian	(513) 9488446	4/19/2010	4726	Yes
Trumbull	Bolen	Roy	() 6521441	2/7/2007	3272	Yes
Trumbull	Bolen	Roy R	()	12/13/2007	4948	Yes
Trumbull	Bowser	Marc D	()	12/13/2007	4952	Yes
Trumbull	Butz	Loren	(330) 5368070	12/13/2007	4953	Yes
Trumbull	Calhoun	Michael L	(330) 824-2129	4/30/2008	2197	Yes
Trumbull	Callion	Timothy	(330) 372-4060	5/15/2008	3035	Yes
Trumbull	Callow	Eric	()	1/26/2008	4029	Yes
Trumbull	Carbone	Larry	(330) 652-1441	9/23/2007	248	Yes
Trumbull	Coen	Troy	(330) 7584596	7/17/2009	5392	Yes
Trumbull	Cope	Douglas S	(330) 7599834	3/1/2009	4433	Yes
Trumbull	Cozadd	Richard D	(330) 372-4060	11/13/2008	1346	Yes
Trumbull	Day	Charles H	(330) 7584596	6/13/2008	5085	Yes
Trumbull	Dull	Steven L	()	4/19/2007	4761	Yes
Trumbull	Farmer	James L	(330) 8478740	4/19/2010	4727	Yes
Trumbull	Farmer III	James D	(330) 847-8740	2/20/2007	681	Yes
Trumbull	Fenselon	Michael Todd	(440) 6691154	3/21/2008	4985	Yes
Trumbull	Fenselon	Timothy A	(440) 6691154	3/21/2008	5017	Yes
Trumbull	Fretwell	Mark A	(330) 7570721	12/13/2007	4949	Yes
Trumbull	Gerzetch	Kevin	(330) 7580990	2/20/2008	4069	Yes
Trumbull	Gettings	Mark J	()	6/19/2008	3209	Yes
Trumbull	Gorney	Elbert	(330) 7597037	5/23/2008	5071	Yes
Trumbull	Grymberg	Edward A	(330) 6523888	4/19/2007	4763	Yes
Trumbull	Hickman	Richard	()	2/21/2009	5301	Yes
Trumbull	Hyde	Thomas R	(330) 3724060	5/15/2008	3044	Yes
Trumbull	Kaiser	Eugene	(330) 8988034	6/17/2009	3580	Yes
Trumbull	Kegarise	Bradley W	(330) 8564440	5/23/2008	5072	Yes
Trumbull	King	Edward J	(330) 638-3605	7/24/2009	2514	Yes
Trumbull	King	Eric J	()	11/20/2009	5463	Yes
Trumbull	Limber	Joseph E	()	11/13/2006	1348	Yes
Trumbull	Lockney	Donald	()	2/21/2009	5302	Yes
Trumbull	Loveless	Ronald E	(330) 8411116	1/18/2008	4328	Yes
Trumbull	Masaitis	Russell	(330) 6373916	7/22/2006	4560	Yes
Trumbull	Massacci	Dante A	()	1/26/2008	4031	Yes
Trumbull	Mauro	Mark A	(330) 3727669	5/12/2009	1260	Yes

Certificated Backflow Testers

Trumbull	Modispaugh II	Roger	(330) 3726400	1/26/2008	4023	Yes
Trumbull	Morrison	David G	(330) 7584596	7/17/2009	5394	Yes
Trumbull	Morrison	Timothy J	(330) 7587251	6/6/2008	5081	Yes
Trumbull	Nguyen	Chuc C	(216) 3984000	5/17/2009	4519	Yes
Trumbull	Ohara	James E	()	1/18/2009	4315	Yes
Trumbull	Parsons	Donald A	(330) 3724060	4/13/2008	4101	Yes
Trumbull	Poponak	Tim C	()	12/13/2007	4951	Yes
Trumbull	Prokup	John A	(800) 6799951	11/13/2008	1351	Yes
Trumbull	Rush	Brian	(330) 6521441	4/18/2008	5023	Yes
Trumbull	Sajnovsky	Michael	(330) 7584596	7/17/2009	5396	Yes
Trumbull	Schaffer Jr	Frederick	()	4/18/2008	5024	Yes
Trumbull	Schultz	Ron	(330) 3724060	4/13/2008	4099	Yes
Trumbull	Sedinger	Joseph L	(330) 7584596	10/20/2007	3927	Yes
Trumbull	Seybert	Robert A	(330) 8564440	5/23/2008	5073	Yes
Trumbull	Shively	Frank L	(330) 2704385	2/21/2009	5306	Yes
Trumbull	Sipusic	Ron	(330) 6521441	1/18/2009	4330	Yes
Trumbull	Stevens	Craig A	(330) 545-2788	1/29/2008	2148	Yes
Trumbull	Thomas	George J	(330) 5505296	8/22/2008	5135	Yes
Trumbull	Tillery	Fred W	(330) 7599834	2/21/2009	5289	Yes
Trumbull	Ulrich	Miles B	(330) 3603915	2/20/2008	4071	Yes
Trumbull	Van Horn	Mike	(724) 6583751	1/14/2009	4309	Yes
Trumbull	Van Horn	Wayne	(330) 7583500	5/6/2007	4721	Yes
Trumbull	Winfield	Rae L	(330) 638-5295	1/20/2007	1076	Yes
Trumbull	Winfield	Ronald J	(216) 637-3096	4/18/2007	549	Yes
Trumbull	Wolanzky	Randal B	(330) 6381282	5/20/2009	3540	Yes

Date: _____

Mary Ellen Pilgrim, R.S.
Public Health Sanitarian
Trumbull County Health Department
176 Chestnut N.E.
Warren, Ohio 44483

RE: Potable / Non-potable Water Wells

Dear Ms. Pilgrim:

It has been brought to our attention through a permit for water service or an onsite investigation that the residence listed below currently has a potable well on its premise and desires to connect or is currently connected to a public water system. We have provided the resident with a copy of your letter dated January 3, 2007 regarding the Health Departments policy for situations of this matter.

If we do not hear otherwise from your department, we will assume that the residence is in compliance. However, if we receive written notification that they are not in compliance within this 30 days of the date of this letter, we will begin the process for terminating service. Please send any correspondences regarding this matter by facsimile to:

Mr. Jay Walton
Fax: 330-675-2780

Resident's Name: _____

Address: _____

Phone: _____

TRUMBULL COUNTY SANITARY ENGINEERS

842 Youngstown Kingsville Road N.E. · Vienna, Ohio 44473 · 330-675-2775

To Whom It May Concern:

If an existing structure desires to connect to a Trumbull County Water System and this structure is connected to a well, the following steps must be taken:

1. If the well is going to be kept active, the following steps must be taken:

- A. The existing well must be upgraded to the Trumbull County Board of Health's requirements.
- B. The well must be physically separated from the County's water system and a reduced pressure backflow prevention device, which is approved by the Ohio EPA, must be installed on the customer's service line before the water meter will be set. The backflow preventer is to be placed after the meter and an expansion tank is required to be placed between the backflow preventer and the hot water tank. This backflow preventer must be purchased, installed and tested yearly by a qualified person, with a copy of the results submitted to the Trumbull County Sanitary Engineers. This all must be done at no cost to Trumbull County. The backflow preventer can be purchased from the following:

Trumbull Industries
1040 N. Meridian Rd.
Austintown Twp.
330-799-3333

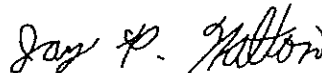
Victory White Metal Co. Inc.
1330 Seabourn St.
Weathersfield Twp.
330-652-1486

- C. Once the water is turned on, a notice will be sent to the Trumbull County Board of Health and you will have 30 days to comply. If after the 30 days has passed and you are not in compliance with the Trumbull County Board of Health, your water will be shut off, billing will stop, you will be responsible for a shut off fee, and when the water is turned back on, a turn on fee will be charged.

2. If the well is not going to be kept active, the following steps must be taken:

- A. A permit to seal the well must be obtained from the Trumbull County Board of Health.
- B. The well must be abandoned and sealed in accordance with the Trumbull County Board of Health's requirements.
- C. Once the water is turned on, a notice will be sent to the Trumbull County Board of Health and you will have 30 days to comply. If after the 30 days has passed and you are not in compliance with the Trumbull County Board of Health, your water will be shut off, billing will stop, you will be responsible for a shut off fee, and when the water is turned back on, a turn on fee will be charged.

Thank you for your attention in this matter.



Jay P. Walton
Chief Project Engineer

By signing this form I hereby acknowledge that I have been informed of the above matter.

Signature

Date

Water Permit Number

ROBERT BIERY, JR.
President - Board of Health



OFFICE: (330) 675-2489
CLINIC: (330) 675-2590
FAX: (330) 675-2494
TDD: (330) 675-6610

JAMES J. ENYEART, M.D.
Trumbull County Health Commissioner
TRUMBULL COUNTY HEALTH DEPARTMENT
176 Chestnut N.E. • Warren, Ohio 44483
www.tcbh.org

January 3, 2007

To Whom It May Concern:

Whenever a property owner, who has a well that supplies potable water to the structure, desires to connect to a public water system, the following shall apply:

1. A PERMIT IS REQUIRED TO SEAL THE WELL AND CAN BE OBTAINED AT THE TRUMBULL COUNTY HEALTH DEPARTMENT LOCATED AT 176 CHESTNUT AVE. NE, WARREN, OH 44483 FOR A FEE OF \$50.00
2. PER OHIO ADMINISTRATIVE CODE 3701-28, SECTION 7B AND 7E, ONCE A MUNICIPAL WATER LINE IS EXTENDED TO A PROPERTY, THE EXISTING WATER WELL SHALL BE ABANDONED AND SEALED PURSUANT TO STATE SPECIFICATIONS WITHIN THIRTY (30) DAYS.

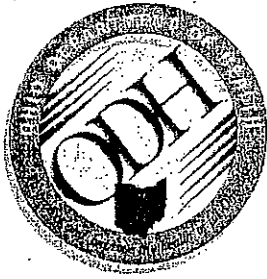
A property owner may apply to the County Board of Health to operate the existing well if he can demonstrate to the satisfaction of the Health Department that the well will not cause or contribute to contamination of the ground water supply, present a safety hazard, or present a public health nuisance and that the well taken out of service is and will be maintained in compliance with 3701-28-07.

Attached is information on requirements for sealing abandoned wells.

Sincerely,

Mary Ellen Pilgrim, R.S.

Mary Ellen Pilgrim, R.S.
Public Health Sanitarian
Trumbull County Health Department
(330) 675-7809
Monday through Friday
8:30 a.m. to 10:00 a.m.



Requirements for Sealing Abandoned Wells - Private Water Systems

Frequently Asked Questions

When do I need to seal/abandon the residential well on my property?

Ohio Administrative Code (OAC) Chapter 3701-28-07 states that all residential (*private water system) wells that are not in service shall either be sealed in accordance with the rules or maintained in strict compliance with all applicable requirements of the private water systems rules (OAC Chapter 3701-28). This means if you are no longer using the residential water well on your property, it must be sealed or maintained in compliance with current construction standards. Wells must be properly sealed to prevent contamination of the ground water and prevent a physical hazard for animals and people.

I currently have a water well, and want to drill a new well. Do I still need to seal my old well if I want to keep it to water my lawn or for other uses?

Yes, OAC Rule 3701-28-07 requires that a residential (private water system) well be sealed in accordance with the rules when the home connects to a public water supply system, **unless** the well owner demonstrates to the satisfaction of the local health district that the well will not cause or contribute to ground water contamination, present a safety hazard, or present a public health nuisance. Rules regarding the sealing of residential wells apply to all private water systems regardless of the location in Ohio or the date of construction. The rules also state that that a well taken out of service must be maintained in compliance with OAC Chapter 3701-28.

I currently have a water well and I want to connect to a **public water system. Do I have to seal or abandon my well?

Yes, OAC Rule 3701-28-07 requires that a residential well be sealed in accordance with the rules when the home connects to a public water supply system, **unless** the well owner demonstrates to the satisfaction of the local health district that the well will not cause or contribute to ground water contamination, present a safety hazard, or present a public health nuisance. Rules regarding the sealing of residential wells apply to all private water systems regardless of the location in Ohio or the date of construction. The rules also state that that a well taken out of service must be maintained in compliance with OAC Chapter 3701-28. In addition, you will be required to meet the three backflow prevention requirements listed above if you keep your well. You will need to maintain the RPZ device and have it tested annually by a licensed individual as long as you have the well. The public water supplier may have additional requirements.

What special requirements will I need to meet in order to keep my residential well to water my lawn or other use?

OAC Rule 3701-28-07 requires a property owner that is no longer using their well for potable purposes to maintain and keep the well in compliance current standards established under OAC Code Chapter 3701-28. Well owners are responsible for keeping sources of contamination away from the well, ensuring that the well casing and cap are in good condition, and conducting any service or maintenance as necessary.

In addition, if you are connected to a public water supply, you are required to meet the backflow prevention requirements listed in this fact sheet to keep your well. You will need to maintain the RPZ device and have it tested annually by a licensed individual as long as you have the well. The public water supplier may have additional requirements.

What are the requirements for properly sealing/abandoning a residential well?

OAC Section 3701-28-07 describes the procedures for sealing a residential water well. The actual method and materials used depends on the diameter and depth of the well. In general, all materials such as the pump and drop pipe are removed from the well. The well casing may be removed, perforated, or left in place depending on its condition. The well is sealed using either a special clay called bentonite which may be placed into the well in a chipped form by dry pouring methods, or in a slurry form (mixed with water) and pumped under pressure into the well, or by pumping in neat cement. Casing at the surface is removed and the site is properly graded to ensure drainage. A well sealing report documenting the materials and methods used is filed with the county health department and the Ohio Department of Natural Resources, and you are provided with a copy. **Please review the rules carefully to ensure compliance with all requirements.**

Can I properly seal the residential well on my property?

Yes, a property owner is permitted to seal their own well, **however**, a permit must be obtained from the county health department to seal the well, and the rules and regulations governing well sealing (Ohio Administrative Code Chapter 3701-28) must be followed. After the well is sealed, the county health department will perform an inspection. Also, a well sealing report documenting the materials and procedures used must be filed with the county health department and the Ohio Department of Natural Resources, Division of Water.

How much will properly sealing/abandoning my residential well cost?

Specific well site conditions and well depth will determine the cost of sealing any well, but average costs range from \$500 to \$1,500.

Do I need a permit to seal/abandon my residential water well?

Yes, you will need to obtain a permit from your county health department. The cost of the permit varies by county with most counties having permits at no or reduced cost to promote proper well sealing.

If I seal my residential well because it has deteriorated, and connect to a public water system, can I drill another new well at a later date?

Yes, a new residential well that meets current state standards can be drilled at a later date unless there are local prohibitions. In addition, you are required to meet the backflow prevention requirements listed below if you drill a well. You will need to maintain the RPZ device and have it tested annually by a licensed individual as long as you have the well. The public water supplier may have additional requirements.

What is a cross-connection?

A cross connection is any physical connection between a possible source of contamination and any drinking water system piping supplied by a public water system.

What is backflow and how does it occur?

Backflow occurs when a cross-connection is created and a pressure reversal, either as backsiphonage or backpressure, occurs into the public water system. Backsiphonage occurs when there is a loss of pressure in the piping system and liquids are siphoned back into the drinking water system. Backpressure occurs when an opposing pressure is applied against the public water system's supply pressure and the higher pressure overcomes the public water system's pressure.

What is an RPZ backflow prevention device?

An RPZ backflow prevention device consists of two spring-loaded check valves operating in series and a spring-loaded/diaphragm-activated differential pressure relief valve located in the zone between the check valves. Two closing shutoff valves and four test cocks complete the assembly.

These devices will indicate leakage through one or both check valves or the relief valve by the discharge of water from the relief valve. These devices prevent the flow from a possible source of contamination from entering into the drinking water system piping through a cross connection. Check with your water supplier as to which RPZ devices are acceptable. An acceptable RPZ device has been certified to one of the standards listed in Ohio Administrative Code (OAC) 3745-95-06.

How much does a RPZ backflow prevention device cost and what is involved with maintenance?

The cost ranges from approximately \$190 for a three-quarter ($\frac{3}{4}$) inch line to \$430 for a 2 inch line. However, there are different manufacturers of RPZ assemblies, and they have different costs associated with purchasing and installing them.

In addition, Ohio Plumbing Code requires an expansion tank to be installed on the cold water supply line to the hot water heater. An RPZ assembly can not be installed in a pit, and requires an inspection and test of its effectiveness at an interval not to exceed 12 months. These costs are at the expense of the homeowner. Inspections start around \$100. Failure to comply with these requirements may result in the water supplier terminating your water service. The public water supplier may have additional requirements.

How do I find a list of registered private water systems contractors for this area that can seal my well?

A list of registered private water systems contractors for the island area can be obtained from your county health department or by contacting the Ohio Department of Health, Bureau of Environmental Health (614-466-1390), or by accessing the ODH Web site at <http://www.odh.ohio.gov/odhPrograms/eh/water/water1.aspx>.

Who can I contact for other questions?

Questions on residential wells should be directed to your local health department or the Ohio Department of Health, Residential Water and Sewage Program at (614) 466-1390 or BEH@odh.ohio.gov.

Questions regarding public water systems, backflow prevention and auxiliary well rules and requirements, should be directed to Ohio EPA, Division of Drinking and Ground Waters at (614) 644-2752.

** Private water system means a water system that is not a public water system serving less than 25 people on a regular basis less than 60 days out of the year, or has less than 15 service connections. Private water systems include wells that serve single or multi-family homes, or small businesses and are regulated by the Ohio Department of Health through the local health departments.*

***Public water system means a system which provides water for human consumption through pipes or other constructed conveyances, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Such term includes any collection, treatment, storage and distribution facilities under control of the operator of such system and used primarily in connection with such system. Public water systems are regulated by the Ohio Environmental Protection Agency and are required to meet the rules and regulations under Ohio Revised Code Chapter 6109.*

Dear Customer,

We stopped by on April 10 2007 for the following item marked below. Example 1
Please call our office at the number listed below if indicated.

- Need meter reading or to service meter, please call
- Water will be shut off for repairs on _____ from _____ to _____ or water will be shut off.
- Found a leak, please have repaired by _____
- Need to perform a dye test or take sample, please call
- Your water will be shut off due to a violation of the County's Water Rules and Regulations.
- Other A PHYSICAL CORRECTION HAS BEEN FOUND BETWEEN THE PUBLIC WATER SYSTEM AND YOUR PRIVATE WELL SYSTEM. MUST BE SEPARATED WITHIN 3 DAYS

Trumbull County Sanitary Engineer's Department
842 Youngstown Kingsville Rd
Vienna, OH 44473

330.675.2775

Contact Jay Walton

Example 2

Dear Customer,
We stopped by on April 10, 2007 for the following item marked below.
Please call our office at the number listed below if indicated.

- Need meter reading or to service meter, please call _____ from _____ to _____ or water will be shut off
- Water will be shut off for repairs on _____
- Found a leak; please have repaired by _____
- Need to perform a dye test or take sample; please call _____
- Your water will be shut off due to a violation of the County's Water Rules and Regulations
- Other An RPZ Backflow Prevention Device Must be installed on your Public Water Service Line by an EPA Certified Backflow Tester within 30 days.

Trumbull County Sanitary Engineers Department 330.675.2775
842 Youngstown Kingsville Rd.
Vienna OH 44473

Contact Jay Walton

William Hagood
President - Board of Health



OFFICE: (330) 675-2489
CLINIC: (330) 675-2590
FAX: (330) 675-2494
TDD: (330) 675-6610

JAMES J. ENYEART, M.D.
Trumbull County Health Commissioner
TRUMBULL COUNTY HEALTH DEPARTMENT
176 Chestnut N.E. • Warren, Ohio 44483
www.tcbh.org

October 30, 2009

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Whenever a property owner, who has a well that supplies potable water to a structure, desires to connect to a public water system, the following shall apply.

1. A permit is required to seal the well and can be obtained at the Trumbull County Health Department located at 176 Chestnut Ave. NE, Warren, Ohio 44483 for a fee of \$50.00.
2. Per Ohio Administrative Code 3701-28, Section 7B and 7 E, once a municipal water line is extended to a property, the existing water well shall be abandoned and sealed pursuant to state specification **within thirty (30) days**.

A property owner may apply to the Trumbull County Board of Health to operate the existing well if he can demonstrate to Health Department that the well will not cause or contribute to contamination of the ground water supply, present a safety hazard, or present a public health nuisance and that the well taken out of service is an will be maintained in compliance with 3701-28-07.

Please submit a copy of the well sealing report within thirty (30) days upon receipt of this notice.

Attached is the information for sealing wells.

Sincerely,

Steven R. Kramer, RS
Trumbull County Health Department
330-675-7813
Monday through Friday
2:30 to 4:00 pm



Requirements for Sealing Abandoned Wells - Private Water Systems

Frequently Asked Questions

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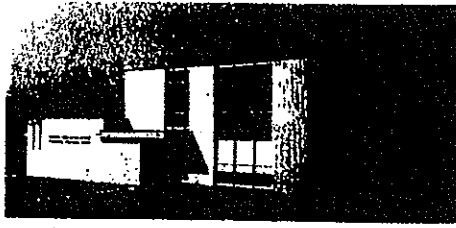
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APPENDIX B
POLICY ON THE INSPECTION
AND
FLOW TESTING OF FIRE HYDRANTS

TRUMBULL



COUNTY

Re: Inspection and Flow Test of Fire Hydrants
Trumbull County

Dear Chief:

I am writing with regard to the Sanitary Engineer's policy on the inspection and flow testing of fire hydrants in Trumbull County. Your cooperation regarding this matter shall enable Trumbull County to assure that a minimum amount of water is lost while also preventing complaints.

Prior to any such inspection or hydrant flow tests, the Trumbull County Sanitary Engineer's office shall be given three (3) weeks' notice, in writing, with a list of hydrant locations for approval and scheduling. Scheduling shall attempt to avoid periods of high consumption.

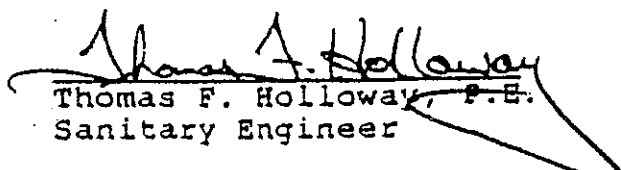
With regard to the inspection of hydrants, Trumbull County asks that prior to opening each hydrant, a gate valve shall be installed on the hydrant's 2-1/2 inch pumper. The hydrant should be turned on slowly with the gate valve closed. The gate valve can then be slightly opened while checking the operation of the hydrant. The hydrant should be turned off slowly.

In performing hydrant flow tests, it is not essential that each and every hydrant be tested. A minimum amount of hydrants in a similar topographical area should be selected and tested. This will reduce the amount of lost water and possible complaints. This is particularly important in our high pressure areas. Once flow test data has been established, our office would then look for a very limited number of flow test spot checks to be performed in the future.

It is very important that all flow testing be done under the supervision and approval of Trumbull County Water Department personnel.

Finally, any flushing of hydrants is at the discretion of the Sanitary Engineer's Department and shall be performed on an as needed basis.

Thank you for your cooperation and attention to this policy.


Thomas F. Holloway, P.E.
Sanitary Engineer

INSPECT

APPENDIX C

Procedure to be followed on all
Private Sewer and Water Improvements.

The numbered paragraphs are listed in the order to be followed on all private sewer and water improvements within Trumbull County.

1. Obtain tentative approval from the proper official of the municipality affected. Application forms for this purpose shall be obtained from the office of the County Sanitary Engineer which shall be completely filled out in quadruplicate. Three copies will be submitted to the municipality. After approval, one copy will be retained by the municipality, one copy given to the sponsor and one copy is to be returned to the County Sanitary Engineer. The County Sanitary Engineer will not approve nor consider any improvement drawings until "Step No. 1" has been completed.

This step may be omitted where there is to be no connection, either directly or indirectly, to the utilities owned and operated by a municipality.

2. Sponsor shall arrange with a private engineer to have a set of detail drawings and specifications prepared conforming to the requirements of the Sanitary Engineering Department.

3. Submit a set of the detail design drawings with specifications to the office of the County Sanitary Engineer for the latter's consideration, correction, alteration, rejection or approval.

4. Execution of appropriate type of Private Sewer or Water Extension Agreement (reimbursable vs Non-Reimbursable)

5. Submission of detailed design drawings and specifications to the proper department of the municipality affected for approval, if applicable.

6. Submission of detailed design drawings to the County Engineer for the latter's approval of street grades and location of proposed work in cases where the Project lies with County Road Right of Ways except where work is in a state highway. Where work is in a county highway or Township Road, an application for a permit shall also be made at the same time.

7. Where work is located in a state highway, three prints of the drawings and four sets of the specifications are to be submitted to District 4 in Ravenna, Ohio along with an application for a permit to work in the highway.

8. Return approved drawings, together with two executed copies of each required permit, to the County Sanitary Engineer.

9. Approval of drawings, specifications and private agreement by the Board of County Commissioners of Trumbull County.

10. Submission of and approval of detailed design drawings and specifications by the Ohio Environmental Protection Agency (OEPA).

11. After the Commissioners and the OEPA have approved the project and a Permit to Install has been issued by the OEPA, in accordance with No. 9 and 10 above, the project can be staked for construction. All copies of the cut sheets shall be delivered to the office of the County Sanitary Engineer. Never mark cuts on stakes. The sponsor shall notify the Sanitary Engineer at least five (5) days prior to the date he desires to start construction in writing in order that arrangements can be made for inspection.

12. Construction may start per Division A notice requirements provided a county inspector can be made available, or as soon thereafter as an inspector can be made available.

13. After completion of construction the water lines shall be pressure tested, sterilized and tested for bacteria and inspection costs shall be paid before the work shall be accepted.

14. Also after completion of work, the detailed design drawings shall be corrected by the private engineer, as record drawings, which drawings shall then become the property of and shall be permanently filed in the office of the County Sanitary Engineer.

15. Submission by sponsor to the County Sanitary Engineer of the certified cost on reimbursable agreement. Forms for this purpose shall be obtained from the Sanitary Engineer.

16. Submission by sponsor to the County Sanitary Engineer of a two (2) year maintenance bond shall be required prior to acceptance.

17. Execution of the "Certificate of Completion" by the Sanitary Engineer.

APPLICATION FOR PERMISSION
TO
EXTEND UTILITIES
OUTSIDE THE CITY OF _____

Date: _____

To the City of _____, Ohio:

The undersigned hereby applies for permission to connect the following proposed utility, either directly or indirectly, to the existing system presently owned and operated by the City of _____, Ohio.

Application for (State San. Sewer or Water Mains) _____

Name of Sponsor _____

Address _____ Phone: _____

Location of Project _____

Location of Connection to Existing Utility _____

Type of Development _____

Estimated total length of proposed utility _____ lineal feet

Estimated Ultimate Number of Taps _____

Number of Acres to be served by proposed utility _____

It is understood by the undersigned that final approval of the project described above is contingent upon the submission of a satisfactory set of detail construction drawings and specifications and the approval thereof by the proper officials of the County of Trumbull and the City of _____.

Signature of Applicant _____

The above request is hereby tentatively approved (Date) _____

The City of _____, Ohio

by: _____

Title _____

PRIVATE AGREEMENT
FOR
EXTENSION OF WATER MAIN

REIMBURSABLE

THESE ARTICLES OF AGREEMENT, made and entered into at Warren, Ohio, this _____ day of _____, 19_____, by and between the BOARD OF COUNTY COMMISSIONERS OF TRUMBULL COUNTY, OHIO, hereinafter referred to as the "COMMISSIONERS", and _____, hereinafter referred to as the "_____"; WITNESSETH THAT:

WHEREAS, it is the desire of the parties hereto to provide an extension of a water main to be located on _____, within _____ Township, in accordance with the detailed plans and specifications as prepared by _____, subject to all the current rules, regulations and specifications of the Trumbull County Sanitary Engineering Department.

NOW, THEREFORE, for good, valuable and adequate consideration, the receipt of which is hereby acknowledged by each party, and of the mutual covenants hereinafter contained, it is agreed by and between the parties hereto:

1. _____ agrees to pay the total cost of preparing a set of construction drawings and specifications for the proposed water lines satisfactory to the Trumbull County Sanitary Engineer, including all necessary surveys, engineering and other costs incidental thereto, and that said plans shall be approved by the Trumbull County Sanitary Engineer, the Commissioners, and the Ohio Environmental Protection Agency prior to the construction of the system. _____ shall

pay all costs associated with the Trumbull County Sanitary Engineers and the Ohio Environmental Protection Agency's plan, review and approval. Also, an electronic copy of the Engineer's drawings is to be submitted to the Trumbull County Sanitary Engineer's Office. This copy is to be saved in Auto CAD or in the DXF (Drawing Interchange File) format. The drawing should be saved on 1.44 MEG, 3-1/2" Diskettes. Furthermore, within a reasonable time after completion of the construction work, an electronic copy of a complete set of the "as built" drawings in Auto CAD or a compatible system shall be furnished to the Trumbull County Sanitary Engineer.

2. The total cost of construction for the water lines, including the wages of an inspector to be furnished by the Trumbull County Sanitary Engineer's Department, shall be borne by _____ . The inspector shall inspect said construction work. Any water used to flush the newly constructed water lines as part of the project shall also be calculated and _____ shall be charged accordingly. Testing shall be performed in accordance with the Sanitary Engineer's Department requirements. Bacteria and air pressure testing shall not occur until a minimum of a thirty (30) day period has elapsed from construction.

Any construction occurring prior to said formal approval of the detailed plans by all jurisdictional entities and the expiration of any appeal periods applicable will be done at the sole risk of _____, and Trumbull County and its agents shall be held safe and harmless from any claims, costs, damages, obligation or liability whatsoever arising from any construction that does occur. Trumbull County's obligation is subject to the final approval of the plans and specifications by the Trumbull County Sanitary Engineer's Department and the Ohio Environmental Protection Agency.

3. _____ agrees to obtain and provide all necessary easements and right-of-way in accordance with the requirements of the Trumbull County Sanitary Engineer and the Ohio Environmental Protection Agency without cost to the Commissioners. _____ shall also be responsible for obtaining any required permits to open cut any street, road or alley from the appropriate political body or official having authority or jurisdiction over such work. Proper notification shall be given to the appropriate authority prior to commencing any construction provided for within this agreement.

4. _____ agrees to pay the total cost of all maintenance and repair on the water system during the first two (2) years, said year to begin on the date the Certificate of Completion referred to in paragraph 9 is issued.

5. _____ agrees that all connections made to the water system will be charged a tap-in fee in accordance with the standard water tap-in fee for the sanitary

sewer district at the time the permit is issued.

6. Upon the issuance of the Certificate of Completion as provided in paragraph 9 hereof, the water system, including the lines, valves, hydrants and other appurtenances, shall thereupon become the property of, and title shall immediately vest in the Commissioners or their assigns.

7. The Commissioners shall service and maintain the water system to be constructed by _____ in accordance with the standard policy of the sanitary sewer district.

8. Water rates will be charged each property to be connected to the water system in accordance with a rate schedule established by a Commissioners' resolution.

9. After the project referred to herein has been completed and tested to the satisfaction of the Trumbull County Sanitary Engineer, and after _____ has conformed to all the provisions of this agreement, the Trumbull County Sanitary Engineer will issue a Certificate of Completion to _____.

10. _____ shall submit a detailed certified notarized cost statement within ninety (90) days after completion to the Trumbull County Sanitary Engineer for approval.

11. Upon the issuance of the Certificate of Completion as provided in paragraph 9 hereof, the water line and other appurtenances shall thereupon become the property of, and title shall immediately vest in the Commissioners or their assigns. If and when, any abutting property, as determined by the Trumbull County Sanitary Engineer, desires to tap into or connect to said improvements, a connection charge will be charged the owner of said abutting property based on the pro rata costs as computed from the above mentioned cost statement, which shall be reimbursed to _____ for a total of twenty (20) years after filing said statement, after which all rights to collect a fee are hereby waived by _____. The Trumbull County Sanitary Engineer expressly reserves the right to collect any charges or tap-in fees after _____ expiration period herein agreed upon expires. In the event _____ cannot be located after reasonable effort and within a reasonable time, the amount as determined by the Trumbull County Sanitary Engineer to be due in accordance with the above, shall be collected and deposited in the proper fund and held for a period not to exceed one (1) year, subject to the demand of _____. If said sum has not been claimed by _____ or their/its legal heirs, successors or assigns within the time stated above, then said sum shall be credited to and become the property of the Trumbull County Sanitary Engineer.

Also, in accordance with Section 307.73 of the Ohio Revised Code, a copy of this Agreement granting permission to construct a water system and authorizing the collection of the prorated share must be filed by _____ with the Trumbull County Auditor. The filing of this Agreement constitutes constructive notice thereof. The Trumbull County Auditor shall charge a fee of \$1.00 for the filing of this Agreement and no nonparticipant shall be required to pay the prorated share of the cost of such improvement without such notice.

12. _____ hereby agrees to assume at its own expense the defense of, and to indemnify and save harmless the Commissioners and their officers, agents and assigns, against any and all liability, judgments, suits, costs, damages, claims or expenses which may accrue against the Commissioners, their officers, agents and assigns in consequence of injuries or damages occurring to any persons or property occasioned by or growing out of the construction of the work herein authorized, together with Certification of Workmen's Compensation coverage.

The County shall indemnify and hold harmless _____ from and upon any claim, cost, loss or damage (including, but not limited to, fines, assessments or judgments) resulting or arising from any breach by the County of a duty or responsibility assumed by, or imposed upon, the County per this Agreement, and from any negligent or wrongful act or omission committed by the County relative to this Agreement.

To the extent that a party has actual knowledge, reasonable written notice of any such aforementioned claim, cost, loss or damage shall be promptly given to the other party.

13. _____ shall comply with all applicable terms of the Occupational Safety Health Act, 29 CFR 1910, 29 CFR 1926 and Ohio Revised Code Chapter 4167. This compliance shall include at a minimum providing all employees working on the project with the necessary training before work is performed, and all safeguards, safety devices, and protective equipment. _____ shall take any other actions reasonably necessary to protect the life and health of employees of _____ and to protect property in connection with performance of the work covered by this agreement. _____ and/or any other party (contractor(s) and subcontractor(s)) acting on behalf of _____ shall comply with the terms of the Occupational Safety and Health Act, 29 CFR 1910, 29 CFR 1926 and the Ohio Revised Code Chapter 4167.

14. _____ shall not begin performance under this Agreement until such time as the contractor hired to construct the improvement described herein has filed with Trumbull County a copy of a current insurance policy which provides public liability and property damage insurance and which shall protect the contractor, _____, Trumbull County and any subcontractor performing work covered by this agreement from claims

for personal injury damage including accidental death, as well as from claims for property damage. The amount of such bodily injury insurance shall be not less than \$1,000,000.00 for injuries, including accidental death, to any one person and not less than \$1,000,000.00 for each accident involving injury to more than one person. The amount of such property damage insurance shall be not less than \$1,000,000.00 for each accident and not less than \$1,000,000.00 aggregate property damage liability.

15. _____ hereby agrees to file a Maintenance Bond in the amount of _____ (\$ _____) with the Commissioners, to be in effect for two (2) years after the issuance of the Certificate of Completion referred to in paragraph 9 above.

16. The provisions of this agreement shall be in full force and effect from and after the signatures of both parties have been affixed hereto; however, if construction is not begun within one (1) year of the date of execution of this agreement, it will become null and void.

17. This agreement contains the entire agreement and understanding by and between Trumbull County and _____. No change or modification of this agreement shall be valid or binding unless it is in writing and signed by the party intended to be bound.

Signed this _____ day of _____, 19_____.

Witnesses:

By: _____

Address: _____

Telephone No: _____

Witnesses:

BOARD OF COUNTY COMMISSIONERS
TRUMBULL COUNTY, OHIO

RECOMMENDED:

TRUMBULL COUNTY SANITARY ENGINEER

APPROVED AS TO FORM:

ASSISTANT PROSECUTING ATTORNEY
REV-W-R

PRIVATE AGREEMENT
FOR
EXTENSION OF WATER MAIN

NON-REIMBURSABLE

THESE ARTICLES OF AGREEMENT, made and entered into at Warren, Ohio, this _____ day of _____, 19____, by and between the BOARD OF COUNTY COMMISSIONERS OF TRUMBULL COUNTY, OHIO, hereinafter referred to as the "COMMISSIONERS", and _____, hereinafter referred to as the "_____"; WITNESSETH THAT:

WHEREAS, it is the desire of the parties hereto to provide an extension of a water main to be located on _____, within _____ Township, in accordance with the detailed plans and specifications as prepared by _____, subject to all the current rules, regulations and specifications of the Trumbull County Sanitary Engineering Department.

NOW, THEREFORE, for good, valuable and adequate consideration, the receipt of which is hereby acknowledged by each party, and of the mutual covenants hereinafter contained, it is agreed by and between the parties hereto:

1. _____ agrees to pay the total cost of preparing a set of construction drawings and specifications for the proposed water lines satisfactory to the Trumbull County Sanitary Engineer, including all necessary surveys, engineering and other costs incidental thereto, and that said plans shall be approved by the Trumbull County Sanitary Engineer, the Commissioners, and the Ohio Environmental Protection Agency prior to the construction of the system. _____ shall pay all costs associated with the Trumbull County Sanitary Engineers and the Ohio Environmental Protection Agency's plan, review, and approval. Also, an electronic copy of the Engineer's

drawings is to be submitted to the Trumbull County Sanitary Engineer's Office. This copy is to be saved in Auto CAD or in the DXF (Drawing Interchange File) format. The drawing should be saved on 1.44 MEG, 3-1/2" Diskettes. Furthermore, within a reasonable time after completion of the construction work, an electronic copy of a complete set of the "as built" drawings in Auto CAD or a compatible system shall be furnished to the Trumbull County Sanitary Engineer.

2. The total cost of construction for the water lines, including the wages of an inspector to be furnished by the Trumbull County Sanitary Engineer's Department, shall be borne by _____ . The inspector shall inspect said construction work. Any water used to flush the newly constructed water lines as part of the project shall also be calculated and _____ shall be charged accordingly. Testing shall be performed in accordance with the Sanitary Engineer's Department requirements. Bacteria and air pressure testings shall not occur until a minimum of a thirty (30) day period has elapsed from construction.

Any construction occurring prior to said formal approval of the detailed plans by all jurisdictional entities and the expiration of any appeal periods applicable will be done at the sole risk of _____ , and Trumbull County and its agents shall be held safe and harmless from any claims, costs, damages, obligation or liability whatsoever arising from any construction that does occur. Trumbull County's obligation is subject to the final approval of the plans and specifications by the Trumbull County Sanitary Engineer's Department and the Ohio Environmental Protection Agency.

3. _____ agrees to obtain and provide all necessary easements and right-of-way in accordance with the requirements of the Trumbull County Sanitary Engineer and the Ohio Environmental Protection Agency without cost to the Commissioners. _____ shall also be responsible for obtaining any required permits to open cut any street, road or alley from the appropriate political body or official having authority or jurisdiction over such work. Proper notification shall be given to the appropriate authority prior to commencing any construction provided for within this agreement.

4. _____ agrees to pay the total cost of all maintenance and repair on the water system during the first two (2) years, said year to begin on the date the Certificate of Completion referred to in paragraph 9 is issued.

5. _____ agrees that all connections made to the water system will be charged a tap-in fee in accordance with the fee in effect at the time the permit is issued.

6. Upon the issuance of the Certificate of Completion as provided in paragraph 9 hereof, the water system, including the lines, valves, hydrants and other appurtenances, shall thereupon become the property of, and title shall immediately vest in the

Commissioners or their assigns.

7. The Commissioners shall service and maintain the water system to be constructed by _____ in accordance with the standard policy of the sanitary sewer district.

8. Water rates will be charged each property to be connected to the water system in accordance with a rate schedule established by a Commissioners' resolution.

9. After the project referred to herein has been completed and tested to the satisfaction of the Trumbull County Sanitary Engineer, and after _____ has conformed to all the provisions of this agreement, the Trumbull County Sanitary Engineer will issue a Certificate of Completion to _____.

10. _____ hereby agrees to assume at its own expense the defense of, and to indemnify and save harmless the Commissioners and their officers, agents and assigns, against any and all liability, judgments, suits, costs, damages, claims or expenses which may accrue against the Commissioners, their officers, agents and assigns in consequence of injuries or damages occurring to any persons or property occasioned by or growing out of the construction of the work herein authorized, together with Certification of Workmen's Compensation coverage.

11. _____ shall comply with all applicable terms of the Occupational Safety Health Act, 29 CFR 1910, 29 CFR 1926 and Ohio Revised Code Chapter 4167. This compliance shall include at a minimum providing all employees working on the project with the necessary training before work is performed, and all safeguards, safety devices, and protective equipment. _____ shall take any other actions reasonably necessary to protect the life and health of employees of _____ and to protect property in connection with performance of the work covered by this agreement. _____ and/or any other party (contractor(s) and subcontractor(s)) acting on behalf of _____ shall comply with the terms of the Occupational Safety and Health Act, 29 CFR 1910, 29 CFR 1926 and Ohio Revised Code Chapter 4167.

12. _____ shall not begin performance under this Agreement until such time as the contractor hired to construct the improvement described herein has filed with Trumbull County a copy of a current insurance policy which provides public liability and property damage insurance and which shall protect the contractor, _____, Trumbull County and any subcontractor performing work covered by this agreement from claims for personal injury damage including accidental death, as well as from claims for property damage. The amount of such bodily injury insurance shall be not less than \$1,000,000.00 for injuries, including accidental death, to any one person and not less than \$1,000,000.00 for each accident involving injury to more than one person. The amount of such property damage insurance shall be not less than \$1,000,000.00 for each accident and not less than

\$1,000,000.00 aggregate property damage liability.

The County shall indemnify and hold harmless _____ from and upon any claim, cost, loss or damage (including, but not limited to, fines, assessments or judgments) resulting or arising from any breach by the County per this Agreement, and from any negligent or wrongful act or omission committed by the County relative to this Agreement.

To the extent that a party has actual knowledge, reasonable written notice of any such aforementioned claim, cost, loss or damage shall be promptly given to the other party.

13. _____ hereby agrees to file a Maintenance Bond in the amount of _____ (\$ _____) with the Commissioners, to be in effect for two (2) years after the issuance of the Certificate of Completion referred to in paragraph 9 above.

14. The provisions of this agreement shall be in full force and effect from and after the signatures of both parties have been affixed hereto; however, if construction is not begun within one (1) year of the date of execution of this agreement, it will become null and void.

15. This agreement contains the entire agreement and understanding by and between Trumbull County and _____. No change or modification of this agreement shall be valid or binding unless it is in writing and signed by the party intended to be bound.

Signed this _____ day of _____, 19_____.

Witnesses:

By: _____

Address: _____

Telephone No: _____

Witnesses:

BOARD OF COUNTY COMMISSIONERS
TRUMBULL COUNTY, OHIO

RECOMMENDED:

TRUMBULL COUNTY SANITARY ENGINEER

APPROVED AS TO FORM:

ASSISTANT PROSECUTING ATTORNEY

REV-W-NR

County of Trumbull
Sanitary Engineering Department
7500 Anderson Avenue NE
Warren, Ohio 44484
(330) 675-2775

STATEMENT OF COSTS*

The Private Water/Sewer Agreement executed on _____, _____, requires that the owner submit a statement of all the costs incurred in connection with the construction of the improvement described below. This information is to be entered in the following form and returned to the County Sanitary Engineers Department by return mail.

Private _____ Agreement, Project No. - - , Sewer District

Location : _____

Owner or Owners: _____

Permanent Address: _____

1. Amount Paid or Contracted* to be paid by owner to contractor for work \$ _____
2. Private Engineering Cost* \$ _____
3. Other Costs*(if any) incurred, which owner claims as chargeable to this project. Itemize on reverse side. \$ _____
4. Inspection and Supervision by the County \$ _____
5. Drawings and Prints by the County \$ _____
6. Maintenance for two(2) year \$ _____
7. Total Cost \$ _____

The undersigned hereby certifies that the amounts entered under Items 1,2,3,4,5, and 6 above represent a true statement of the costs incurred directly by the owner in connection with the construction of the above described private improvement.

Date

Signature of Owner or Owners

* Appropriate invoices shall be submitted for acceptance.

CERTIFICATE OF COMPLETION

Pursuant to an agreement executed on the ____ day of _____, 19____,

between

and the Board of County Commissioners of Trumbull County, Ohio pertaining to the construction of

the undersigned hereby certifies that all work on said Improvement has been satisfactorily completed in accordance with the current rules, regulations and specifications of the Trumbull County Sanitary Engineering Department and as set forth in and required by said agreement.

Date: _____

By: _____

Thomas F. Holloway, P.E.
County Sanitary Engineer
Trumbull County, Ohio

Proj. Name _____
 Developer _____
 Contractor _____
 Engineer _____

Proj. No. _____
 Const. Start _____
 Finish _____
 Tested _____

PRIVATE _____ Extension

	Date
1. Private agreement submitted by developer. --- - - - - -	1)
2. Proj. No. assigned and Maint. Bond Calculated (Amt. \$ _____)	2)
3. Agreement signed by Sanitary Engineer.	3)
4. Agreement signed by Commissioners.	4)
5. Detailed drawings submitted to Sanitary Engineer.	5)
6. Review and approval by Sanitary Engineer.	6)
7. Detailed drawings submitted to Commissioners.	7)
8. Approval by Commissioners.	8)
9. Data sheets submitted to Sanitary Engineer.	9)
0. Review of Data Sheets by Sanitary Engineer.	10)
1. Submittal of drawings and data sheets to OEPA.	11)
. Approval by OEPA.	12)
3. Stake-out and Cut Sheets submitted to Sanitary Engineer.	13)
4. Check of Cut Sheets by Sanitary Engineer.	14)
5. Construction phase with County inspection.	15)
6. Air test 30 days after construction completed.	16)
7. Completion of Inspection Reports by Inspector.	17)
8. Inspection costs billed and paid.	18)
9. Necessary easements furnished.	19)
0. Maintenance bond posted (if applicable).	20)
1. Certificate of Completion issued.	21)
2. Recording of Plat (if applicable).	22)
3. Submit Cost Statement (if applicable).	23)
4. Commence issuance of permits to licensed Drain Layers.	24)
5. Completion of lateral permits by Inspector.	25)
6. Comments.	

APPENDIX D
CUSTOMER INFORMATION

CUSTOMER INFORMATION

Customer Responsibilities

The customer is responsible for:

- ° Providing access to the property for the purpose of installing, reading and maintaining the metering system.
- ° Damage to the metering system resulting from negligence, vandalism, freezing or backflow from a hot water tank.
- ° Water usage for all water registered by the meter.
- ° Repairs and maintenance of all water service lines from the curb shut-off valve to the inside meter.
- ° Repairs and maintenance of all sewer service lines from the house up to the point of its connection to the County's sewer.

Property Owner's Liability & Responsibility

Real estate owners can be held liable for all water and sewer charges incurred at their rental property. Trumbull County shall address delinquent accounts concerning rental property with the Trumbull County Prosecutor's Office.

The Trumbull County Sanitary Engineer's is authorized to place sewer charges delinquent for more than 90 days on the property tax statement as a lien (Ohio Revised Code 729.49). A 10% service charge is added at the time.

Meter Tampering Law

The State of Ohio has a law which makes tampering with county meters or equipment illegal and establishes penalties for violations. Penalties are prescribed for the following illegal acts:

- ° Interfering with or by-passing a water meter or attachment to impede or reduce correct registration of the meter.
- ° Knowingly consuming any water which has not been correctly registered on the meter because of tampering.

- ° Reconnecting water service that has been disconnected or shut-off by the County for non-payment or other reasons.
- ° Knowingly consuming any water which has been unlawfully reconnected.

Proof that a meter, pipe, valve or other attachment has been tampered with or reconnected is presumptive evidence that the customer or user has caused the tampering or reconnecting. It is no longer necessary to catch a person in the act of tampering or reconnecting.

Find your Main Control Valve

Almost every home, apartment and business has an inside main control valve. In an emergency, such as broken lines, use this valve to shut off water to the entire house. If there is an emergency, you will need to act fast, so it's a good idea to mark your valve with a bright ribbon or colorful paint so you can find it quickly. Be sure you mark the correct valve! Try turning it off briefly and see if all the water is off. If the valve is not working, contact a plumber to repair or replace it. The property owner is responsible to see that this main control valve operates properly. Maintenance of the main control valve is the owner's responsibility. Your main control valve should be near your inside water meter.

Frozen Meters and Water Lines

During freezing weather, be prepared! Follow these tips to save the cost and inconvenience of replacing or repairing frozen water lines or water meters.

INSULATE EXPOSED PIPES AND FAUCETS.

PLACE A LIGHT CLOSE TO THE METER.

LET A SMALL STREAM OF WATER FLOW FROM A FAUCET WHEN TEMPERATURES FALL BELOW 10°F

OPEN CUPBOARD DOORS IN BATHROOMS AND KITCHEN TO GET HEAT TO LINES INSIDE WALLS.

WINTERIZE YOUR HOUSE WHEN UNOCCUPIED.

1. Turn off shut off valve.
2. Turn off water heater.
3. Drain indoor and outdoor faucets.
4. Flush toilets once to drain tank but not the bowl.
5. Leave your heat at a minimum temperature to help keep pipes from freezing in exterior walls.

THAWING FROZEN PIPES

Do not try to thaw frozen pipes or meters with an open flame device. A hair dryer is effective and can be used safely.

If you experience a loss of water service call the Trumbull County Sanitary Engineer's Department at 675-2775.

METERING SYSTEM

Most homes have an inside meter and an outside remote register. The remote register, routinely read by Meter Readers, monitors the inside meter.

At least twice a year, you should read your inside meter and make sure it reads the same as your remote register. If they differ by more than 2 digits, please report it to our Billing Office at 675-2475.

Undetected remote problems often result in a large bill for water used over an extended period of time. Please help us prevent this from happening to you.

In the event of a malfunction of the remote inside reading of the water meter head shall prevail at all times.

METER READING INSTRUCTIONS

All meters in our service area are not the same. However, most are similar and can be read as follows:

1. Locate your inside meter.
2. Record all numbers with the same color background from left to right.
3. Locate your remote register (on the outside of the property).
4. Record all numbers with the same color background from left to right.
5. Subtract the remote register reading from the inside meter reading. If the difference is more than 2, please report it to our Billing Office at 675-2475.

Please locate your remote register and make sure that it is accessible. If our meter reader is unable to read it, you will receive an estimated bill.

PENALTY CHARGES

If your payment is not received by the due date, a 10% penalty (late charge) is added to your account and a delinquent bill is mailed. The balance of all charges must be paid to avoid receiving a service termination notice.

SERVICE TERMINATION

If you do not pay your delinquent bill (including the penalty charge), you will receive a service termination notice. Your service termination notice must be paid at the Billing Office.

If you do not pay your service termination notice on or before the due date, your water service may be turned off on the turn-off date shown on the notice. Our field representatives turn off delinquent accounts on Wednesdays. They are not authorized to accept cash payments in the field.

Due to many turn-offs handled by the Water Department, it is not likely that your service will be restored the same day it is terminated.

SPECIAL CHARGES

The Water Department charges a fee for the following services:

Special meter reading at request of consumer, except for final bill or initial service.

Trip to discontinue or attempt to discontinue water service due to nonpayment of account arrearages.

To relocate metering system due to obstruction of the metering system or at the request of the customer.

To turn on or off service at curb box at request of customer (except for repairs).

To repair meter damaged by customer abuse, tampering, freezing, or backflow from hot water tank.

To investigate, notify or discontinue water service as a result of fraud or illegal diversion of water, including unauthorized turn on or other violation of the Rules and Regulations of the Trumbull County Sanitary Engineer's Department.

Testing of meter at request of customer, if meter tests within 97% and 103% accuracy.

Returned check processing charge.

If you would like more information on these special charges, please contact our billing office at 675-2475.

WATER QUALITY

CHLORINE

To protect you from waterborne diseases, a small amount of chlorine is added to your water at the water plant. According to EPA regulations, a minimum of 0.2 mg/L. of free chlorine must be present in our distribution system. If you wish to decrease the amount of chlorine in your water (for fish tanks or to refrigerate for drinking) you can fill a clean container, leave it slightly uncovered, and allow it to stand overnight. The chlorine will dissipate. You can speed up the procedure by warming the water in a pan.

CLOUDY WATER

Cloudy or milky looking water is usually caused by dissolved air bubbles coming out of the water and is harmless. The air bubbles can be caused by pressure changes, temperature changes, water that is too hot (above 140°F) and faucet aerators.

If the cloudiness is caused by air bubbles, it will clear in a minute or two from the bottom of the container upwards.

RUSTY WATER

Rusty or yellow water occurs when rust deposits from the pipe wall are stirred up by an extreme change in water flow in water pipes and main lines. Changes in water flow can be caused when a water line breaks or when hydrants are flushed or used to fight fires.

Rusty water will generally clear up within 2-3 hours after the line is repaired or hydrants closed.

When your water is rusty, it can stain your laundry. If clothes do get stained, keep them moist, obtain a rust remover at the grocery or hardware store and follow the directions on the package. Try not to run your hot water faucet if rust is present since this will draw rusty water into your hot water tank.

LEAD

All public water supplies are regulated by the Safe Drinking Water Act to provide information about lead in drinking water.

Currently, the Trumbull County water treatment process reduces the possibility of lead contamination from residential plumbing. There is no lead in the water coming from the treatment plants.

However, lead contamination can occur in the home if:

1. Your home has lead water pipes.
2. Your home is less than 5 years old and has copper pipes joined by tin/lead solder.
3. Tin/lead solder has been used to repair or install new copper plumbing within the last 5 years.

To minimize the possibility of exposure to lead after water has been standing in the pipes overnight, flush the cold water system until the water runs cold.

These precautions are important to remember since lead (from any source) in the human body can cause damage to the red blood cells, nervous system, kidneys and brain. The highest risk groups, even to short term exposure, are children and pregnant women.

For more information about lead in drinking water, you may call the EPA Hotline 1-800-426-4791.

WATER LEAKS

Household leaks—seen or unseen—can drip hundreds and thousands of gallons of water down the drain. Not only is your water wasted, but it registers through your meter and could cost you several hundred dollars a month.

Check all faucets. Replace worn washers or defective fixtures.

Check outside water taps to be sure they are turned off at the faucet and not at the hose nozzle.

Toilets are the most common areas to find leaks. Put a small amount of food coloring in your toilet tank after it has filled. If the color shows up in the bowl, you probably have a leak in or around the plunger ball.

If you suspect water leaks in your home, read your meter before retiring for the night. Read it again in the morning before you use any water. If the meter has moved, you have a leak.

Look at leak detector on the water meter. It is a small red triangle or diamond.

If you have any questions about water leaks, call our Billing Office at 675-2475.

BACKFLOW PREVENTION

Water in our distribution system is pumped under pressure to your property. A main line break or damage to a fire hydrant can reduce the pressure in the line and water can flow "backward" into the water system. If the water on your property is in contact with contaminants such as lawn or pool chemicals, it can, under these circumstances, contaminate the public water supply.

For example, when a customer has an irrigation system installed, it must have a Backflow Prevention Device in the system. You can also purchase Backflow Prevention Devices at your local hardware store to attach your outside faucet or any place on your property where a faucet or hose is connected directly to contaminants.

If you have questions or would like to know more about Backflow Prevention, please contact the Trumbull County Sanitary Engineer's Department at 675-2775.

HOT WATER TANKS

It is recommended that hot water tanks be periodically flushed so that scaling sediment can be removed. It is suggested this flushing be done monthly removing two (2) to ten (10) gallons depending on the degree of sediment. This can also prolong the life of the hot water tank by not permitting sediment building.

APPENDIX E

DEPARTMENT SERVICE POLICIES

Commercial and Residential Meter Pits

The Trumbull County Sanitary Engineer's Department shall determine when a water meter shall be located in a meter pit. A meter pit should only be used in cases where a water meter can not be made accessible to be operated, maintained, repaired or read or in a location that is not heated. If it is determined that a meter pit is necessary, the cost shall be borne by the property owner. **A curb box shall be place before the meter pit to facilitate shut off.**

Services that are extended back from the road right-of-way of more than one hundred (100) feet and/or have to be connected to another running length of water service line shall be connected with a brass Ford compression fitting (or equivalent) with a retaining nut and inspected by the County prior to covering.

Also at the time a water permit is issued involving a meter pit, a stamped copy of the permit shall be forwarded to the Billing Office Personnel indicating the installation of the meter pit.

APPENDIX F
SPRINKLER SYSTEMS



TRUMBULL COUNTY COMMISSIONERS

160 HIGH STREET, N.W.
WARREN, OHIO 44481
Phone: (330) 675-2451
Fax: (330) 675-2462

Commissioners

JOSEPH J. ANGELO, Jr., President
ARTHUR U. MAGEE
MICHAEL J. O'BRIEN

Clerk

ROSELYN J. FERRIS

August 30, 1996

The following action was taken by the Board of Trumbull County Commissioners on August 29, 1996, and duly recorded in their Journal Volume 98, Page 4016.

**RE: TEMPORARILY IMPLEMENT PROVISION
WITHIN ALL COUNTY WATER/SEWER DISTRICTS'
RULES AND REGULATIONS**

MOTION: Made by Mr. O'Brien, seconded by Mr. Magee, to TEMPORARILY IMPLEMENT within all COUNTY WATER and SEWER DISTRICTS' Rules and Regulations, the provision that a separate tap, water line, and meter shall be required for any request for Water Service that will not result in a Sanitary or Industrial Waste or Gray Water Discharge; FURTHER, any person found tampering with or misusing this service, for its intended use, shall be subject to a Five Hundred Dollar (\$500.00) penalty, and any associated sanitary sewer user fee charges; this action per the recommendation of the Trumbull County Sanitary Engineer.

NOTE: Such service is usually requested for non-contact cooling water, and outside water usage (i.e. gardens, sprinkling lawns, etc.) that is not tributary to the sanitary sewer system. This provision is being implemented on a temporary basis and shall be reviewed annually for compliance.

Yeas: O'Brien, Magee, Angelo
Nays: None

CERTIFICATION

I, Roselyn J. Ferris, Clerk of the Board of County Commissioners, Trumbull County, Ohio, do hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Board of County Commissioners on August 29, 1996, and is duly recorded in their Journal Volume 98, Page 4016.

Roselyn J. Ferris

Roselyn J. Ferris, Clerk
Board of County Commissioners

/pag

cc: Sanitary Engineer
Water/Sewer Dept.
County Auditor

Appendix G
Bankruptcy Proceedings

MEMO

To: Thomas F. Holloway, P.E., Trumbull County Sanitary Engineer
Myrdis Ledbetter, Trumbull County Sanitary Engineer-Accounts Department

From: James M. Brutz, Assistant Prosecuting Attorney

Date: June 22, 2000

Re: Delinquent Accounts and Bankruptcy Filings



Enclosed is a copy of § 366 of the Federal Bankruptcy Code. This Section speaks specifically to the disconnection or payment of water/sewer customers involved in bankruptcy proceedings.

A reading is self explanatory; however, I do want to point out a few highlights:

1.) Once a bankruptcy proceeding is filed any delinquencies are lost. Therefore, your office must continue your current good work on monitoring accounts. Please note that you do not need to have received official notice of a filing. The case law states that the filing of a petition in bankruptcy is notice to the world that all collections are stayed and if a Chapter 7 is filed (which most are) all delinquencies will be lost.

2.) There is better news for utility providers such as ourselves. The debtor has an affirmative duty to notify us after 20 days of the filing of the petition in bankruptcy in order to re-establish the account. Your office will then have the opportunity to request a "deposit or other security" for this account. If this is not done within the 20 day period then you may disconnect service. You will have to decide what would be a reasonable deposit or security. Understand that security cannot be the payment of the delinquent bill. That bill is now protected debt under the bankruptcy laws.

If you have any other questions, please contact my office.

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§ 366. Utility service

(a) Except as provided in subsection (b) of this section, a utility may not alter, refuse, or discontinue service to, or discriminate against, the trustee or the debtor solely on the basis of the commencement of a case under this title or that a debt owed by the debtor to such utility for service rendered before the order for relief was not paid when due.

(b) Such utility may alter, refuse, or discontinue service if neither the trustee nor the debtor, within 20 days after the date of the order for relief, furnishes adequate assurance of payment, in the form of a deposit or other security, for service after such date. On request of a party in interest and after notice and a hearing, the court may order reasonable modification of the amount of the deposit or other security necessary to provide adequate assurance of payment.

Pub.L. 95-598, Nov. 6, 1978, 92 Stat. 2578; Pub.L. 98-353, Title III, § 443, July 10, 1984, 98 Stat. 373.