

RULES & REGULATIONS OF THE DEPARTMENT OF WATER

1. GENERAL PROVISIONS

These Rules and Regulations of the Department of Water, including the water and sewer tariff rates, are established under authorities set forth in the Code of General Ordinances of the City of Dayton. Nothing contained in these Rules and Regulations shall be construed so as to interfere with the duties and powers of the Director of Water as set forth in R.C.G.O. 50.42. Portions of the Rules and Regulations relating to water and sewer service revenue collections are administered by the Division of Revenue and Taxation of the Department of Finance.

A. PURPOSE The purpose of the Rules and Regulations is to provide procedures for the construction and use of the City of Dayton's water and wastewater facilities.

B. SCOPE The Rules and Regulations shall apply to any person who is directly or indirectly a user of the City of Dayton water delivery system, water facilities, wastewater sewers, and/or wastewater treatment facilities. Water service requirements and procedures are delineated in Section 2. Sewer service requirements and procedures are delineated in Section 3. Plumbers and excavators responsibilities are listed in Section 4.

-1-

2. WATER SERVICE RULES AND REGULATIONS

A. GENERAL INFORMATION-WATER

Employees of the City of Dayton in possession of proper identification shall be permitted access to the customer's premises for the purpose of determining where and how water is used, inspecting pipes, maintaining and reading the water meter or any other reasonable purpose related to water consumption or water delivery.

B. DEFINITIONS - WATER

- (1) "Backflow" - Reversal of flow in a service.
- (2) "Casual Water" - Water obtained in bulk (volume), from a location authorized by the Department of Water. Water is provided to water haulers, sewer cleaners, et cetera, at current rates.
- (3) "Construction Water" - Water used through a service during new construction prior to setting the water meter. Such water is normally used for mixing mortar, construction activity, et cetera, but not for landscape watering.
- (4) "Cross Connection" - Any connection or condition allowing actual or potential reversal of flow in a service and/or contamination of the potable plumbing systems.

-2-

- (5) "Curb Stop" - A shut-off valve on the service for control of water to the customer normally located between the curb and property line.
- (6) "Customer" - Any authorized person, agency, corporation or other property owners or governmental jurisdiction having access to, using or permitting the use of water through service. The customer's responsibilities under the Rules and Regulations cannot be transferred, assigned or otherwise diminished for water service whether or not such property owner or governmental jurisdiction actually consumed or used the water.
- (7) "Excavator" - Any person licensed and bonded by the City of Dayton to do service work.
- (8) "Main Extension" - The construction of additional public water main to serve water customers. Construction normally occurs in public right-of-way or easements.
- (9) "Plumber" - A master plumber licensed and bonded by the City of Dayton do do plumbing or service work.

- (10) "Service" - A pipe used to convey water to the customer from a water main.

-3-

- (11) "Street Valve" - A shut-off valve on larger services normally located near the water main.
- (12) "Tap" - Opening in the water main allowing water to be passed into the customer's service.
- (13) "Water Distribution System" - The network of water mains and related appurtenances.
- (14) "Water Main" - Large pipe used to convey water through the distribution system to normally more than one customer.
- (15) "Water Service" - The availability of water through service.

C. MAIN EXTENSIONS AND SERVICE CONNECTIONS

- (1) To have a water main extended in the City of Dayton, the customer shall contact the Department of Water for current or estimated costs and procedures.
- (2) The City of Dayton makes all taps except as provided in contractual agreements. To have a tap made in an available water main and the service extended to the property line, the customer shall contract with a plumber or excavator licensed by the City of

-4-

Dayton. The contractor shall contact the Department of Water for procedures.

A water main shall be considered "available" for tapping for water service if the service extended perpendicular from the water main is able to enter the customer's property. Contact the Department of Water Engineer-

ing Offices for exceptions such as cul-de-sacs and other transmission main restrictions and details.

A plumber or excavator licensed by the City of Dayton shall also comply with Section 4 of these Rules and Regulations. Certain portions of service installations are done by the Department of Water and are billed to the plumber or excavator at current prices as determined by the Director of Water. Costs billed by the Department of Water are updated periodically and are based on current cost of labor, material and equipment plus reasonable overhead. Approval of plans, securing permits, and payment of applicable fees are required prior to any service work being started.

- (3) The minimum permitted diameter of water main and related appurtenances is 6 inches.

-5-

- (4) If the water main has been or is to be constructed by the City, the City shall receive a benefit payment for the actual construction cost per lineal foot for each foot of land to be served abutting upon the water main, or for each premises actually served at the time of construction, as provided by individual agreement. Where such extensions within the City of Dayton are required to be larger than 8 inches in diameter, the Water Service Fund may participate in the cost of certain materials such as pipe, valves and fittings. The amount of the City's participation is limited to the difference between said material cost for an 8 inch diameter main and the larger main installation. such participation shall be in accordance with current material item prices maintained by the Department of Water.
- (5) Large transmission mains constructed through unserved areas at the expense of the Water Service Fund shall not be available for service to adjacent properties until reimbursement is made

to the Water Service Fund in an amount equivalent to the full construction cost of an 8 inch diameter main extension.

- (6) Each separate building or condominium unit shall have a separate service and meter. The Director of Water will

-6-

consider written requests for waiver of this rule which are to be submitted to the Department's Engineering Offices.

D. APPLICATION FOR WATER SERVICE AND METERS

- (1) To have a meter installed for a new service or to resume water service or to change the size of a meter, the customer shall make proper application at the Division of Revenue and Taxation. Proper application shall consist of furnishing meter size, service address, lot number, customer name, phone number and address where the bill is to be sent. Payment of meter set fees and compliance with these Rules and Regulation are required.

METER SET FEES

SIZE (Inches) AMOUNT (Dollars)

5/8	5.00
3/4	5.00
1	5.00
1-1/2	30.00
2	40.00
3	80.00
4	90.00
6	140.00
8	200.00
10	225.00
Greater than 10	By Negotiated Agreement

-7-

- (2) Upon installation of a service, water shall not be used until after the plumbing is properly inspected and the correct address is posted on the property. Meters shall be set in approved accessible locations; and, since meters are the property of the Department of Water, only representa-

tives of the Department of Water are authorized to install, disconnect or remove them from service. The cost of any meters improperly removed, damaged or otherwise not recoverable shall be charged to the customer.

- (3) Customers must protect meters from theft, damage and freezing. Meters damaged, frozen or lost shall be charged to the customer at \$10.00 or the actual cost of repairs, including labor and overhead, whichever is greater but not to exceed the current replacement cost of the meter. Customers are cautioned that in very cold weather, services, meters and plumbing may freeze even though installed in accordance with accepted practice. Additional protection from freezing may be necessary, such as the use of insulation, running water, heat tape, and heat lamps.

The customer shall keep meters accessible for reading and maintenance, ensure that meter pits remain in good repair, are free from ground water and

-8-

debris, all lids are in place and operable and the top of the pits are at finished grade.

- (4) All meters shall be read by the City at least once every year. Meters not read once per year or those in hazardous or filthy locations shall be considered "inaccessible". An authorized supervisor shall determine if a meter is inaccessible. Such determination is final and the customer shall be notified to correct the inaccessible condition within 60 days. Corrective action shall include but is not limited to making the necessary arrangements for the installation of an outside meter box or remote reading apparatus. Failure to correct an inaccessible condition within 60 days is cause for discontinuing service.

The cost of outside meter box installation may be included with the quarterly water bill in equal installments

over a period of up to three (3) years upon the customer's request. The cost of remote reader installation may be prorated on the water bill for a period of up to one (1) year. In the event a customer transfers or abandons a service, all charges become due and payable immediately.

- (5) The Department of Water guarantees its meters to be accurate within two

-9-

percent (2%). The customer may request a meter test at any time; however, should the test confirm accuracy within two percent (2%), the following charges will be assessed on the customer's next water bill:

5/8, 3/4 or 1 inch meters - \$10.00  
1-1/2 or 2 inch meters - \$25.00  
3 inch and larger meters - \$50.00

If the meter is inaccurate, the water bill shall be adjusted to the two (2%) guarantee limit and no charge for the test shall be assessed.

- (6) The Department of Water has the right to repair or replace any meters. The customer shall be notified in writing if adjacent piping needs repair prior to changing the meter. The customer shall be advised of a noncompliance shut-off date.
- (7) No customer shall install manifold or multiple meters served from the same service without prior approval by the Department of Water. In such approved locations, the customer is responsible for each water bill. The service may be shut-off if one (1) or more metered accounts is delinquent, if individual lock stops are not available or are inaccessible.

-10-

- (8) A fee of \$5.00 per read shall be charged for each private meter read for customer convenience or special billing. The Department of Water may

sell meters for private use if deemed in the best interest of the Department. Cost of sold meters will be based on depreciated value plus handling for used meters, and replacement cost plus handling for new meters.

E. WATER DISTRIBUTION SYSTEM - GENERAL

- (1) The Department of Water maintains all public water mains in dedicated streets and easements. Water may be shut off for system maintenance; however, the City of Dayton shall not be liable for any accidents or damages resulting from such a shut off.
- (2) During an emergency repair, notification of a shut-off may not be possible; therefore, customers using equipment such as boilers and water cooled compressors should provide sufficient reserve in storage.
- (3) All valves on the water distribution system are normally operated by the Department of Water. No person shall operate fire hydrants and street valves 2 inches and larger without proper authorization. A fee of \$100.00 shall be assessed for each violation of this section. Fire hydrants and

-11-

branch valves may be operated by other duly authorized personnel of the City of Dayton. See Section 2.0.

F. BACKFLOW PREVENTION AND CROSS CONNECTION CONTROL

- (1) As a condition for water service, the City of Dayton water distribution system shall be protected from back-flow. The Department of Water requires all services connected to the City water distribution system to conform to the standards of the Department up to the meter or fire line check valve or private fire hydrant. All plumbing installed after the meter shall conform to the State of Ohio Plumbing Code as described in Ohio Administrative Code Chapter 4101:2-51 or latest

revision thereof. Fire lines shall conform to the current NFPA standards.

In addition to the above, all cross connections to auxilliary potable or non-potable or hazardous water systems as outlined in Ohio Administrative Code Chapter 3745-95-04, or latest revision thereof, shall be protected from backflow by a method approved by the Department of Water.

Further, if in the judgment of the Director, the customer's premises is deemed an actual or potential hazard

-12-

to the safety of the water distribution system, such customer shall be ordered to protect the service from backflow in an approved manner. If the hazard is deemed to be of a serious nature or the customer refuses to cooperate with the Department of Water or the Department of Urban Development, Division of Inspectional Services - Plumbing, the service shall be shut off immediately and remain off until the customer's premises is in compliance. The Department of Water may require a backflow prevention device at the meter for any service.

- (2) Backflow prevention devices shall be tested at the expense of the customer every 12 months by a certified tester, and rebuilt on a schedule specified in Chapter 4101:2-51-38 of the Ohio Administrative Code. A permit from Inspectional Services is required for each device tested. The customer shall be notified by the Department of Water of a date to test backflow prevention devices on the customer's premises and given 30 days to comply. At the end of 30 days if the customer does not submit proof that backflow prevention devices have been tested, a \$100.00 fee for each untested device shall be assessed on the next water bill. If the backflow prevention devices are not tested within the next 30 days and certified operational, the service

-13-

will be shut off and service not resumed until all devices are tested.

Temporary connections to the Dayton water distribution system, such as, but not limited to, water haulers, lawn care, pest control and contractors, shall be protected against backflow by means of an air gap or other means approved by the Department of Water.

G. SERVICE AND PLUMBING MAINTENANCE

- (1) Services from the water main to the curb stop, property line or easement line as determined by the Department of Water shall be maintained by the Department of Water. The curb stop shall also be maintained by the Department of Water. No person shall operate street valves which are two (2) inches or larger, other than authorized City personnel.

The customer shall maintain the curb box and the ford box, keeping them accessible, free of debris and at finished grade. The Department of Water may perform minor adjustments on the curb box upon request. The Department of Water shall not be held liable for accidents or damages resulting from boxes being above or below grade. Boxes made inaccessible by neglect of or abuse by the customer shall be

-14-

repaired by the Department of Water and the cost shall be added to the customer's water bill. Repeated violations or unauthorized turning of the curb stop may be cause for the Department of Water to sever the service. Water service shall not be restored until all outstanding charges are paid.

- (2) Maintenance of the service and plumbing on the customer's property or on the customer's side of the curb stop is the responsibility of the customer. Maintenance of the meter is the responsibility of the Department of Water. The customer shall be notified in writing if adjacent piping needs repair prior to changing the meter

including a non-compliance shut off date. Any leakage between the curb stop of property line or easement line and the meter or premises shall be promptly repaired. The customer shall be notified in writing to repair the leak and said notice shall include a shut-off date for noncompliance. The Department of Water may shut off the curb stop in case of an emergency if a plumber is unavailable, but shall not be held liable for any damages resulting from such an emergency. Routine operation of curb stops by the City personnel either for customer convenience or noncompliance shall be charged at a rate of \$10.00 per trip.

-15-

- (3) Low pressure problems are normally caused by faulty on premises plumbing or corroded service piping on the customer's side of the curb stop. Low pressure investigations on the customer's premises may be requested of the Department of Water; however, should the check by the Department indicate the problem to be on the customer's side of the curb stop or on private property, a fee of \$10.00 shall be charged.

#### H. BILLING AND DELINQUENT ACCOUNTS

- (1) After reading the meter or estimating consumption, a statement of water and sewer charges due shall be sent to the customer on file with the Division of Revenue and Taxation. If the bill is not paid by the day specified for payment of the net amount (gross less 5% discount), second notices shall be mailed.
- (2) Should a bill remain unpaid for 21 days after the net payment date, the account shall be considered delinquent and processed as follows:

A 48 hour notice of shut off shall be delivered to the property where the water was consumed and a duplicate copy thereof shall be mailed to the billing address. The water service shall be shut off as soon after

the 48 hours as practicable and not turned on again until all bills and further charges are paid, except as otherwise provided herein.

- (3) If all charges are not paid within 14 days from the date the water is scheduled for shut off, the meter shall be removed. One attempt will be made to remove the meter during the next 14 day period. If the meter has not been removed at the end of the second 14 day period, the account shall be considered abandoned.

All abandoned accounts that are not resumed within 60 days from the gross payment date shall be considered as "lost meter accounts" and charged to the customer for all amounts due.

- (4) Delinquent customers shall be charged a \$10.00 fee for each trip to turn off water service. Once water service has been turned off and is turned on again by anyone other than authorized City personnel, a \$10.00 fee shall be charged for each additional trip to the property to shut off the service. Unauthorized operation of the shut off may result in severing the service.
- (5) The Superintendent of Revenue and Taxation may grant an extension of up to three (3) months time for payments. Each case will be considered on an

individual basis upon the request of the customer.

- (6) In cases where industrial, commercial or governmental accounts become delinquent, the Director of Finance shall determine the course of action.
- (7) Customer's checks that are not honored by the bank shall result in a charge of \$7.50 each.
- (8) Services shall be shut off only if declared delinquent or otherwise requested by the customer occupying the

premises. No person shall shut off service upon the request of a landlord as a means to evict a tenant; provided however, the service has not been declared delinquent.

- (9) The addresses of occupied premises that are shut off for delinquency shall be forwarded to the Superintendent of Inspectional Services.

#### I. ESTIMATED CONSUMPTION

- (1) Any customer found to be improperly taking unmetered water shall have the consumption estimated and charged accordingly. In addition to the estimated consumption charges, a fee equal to the actual cost of determining the estimated consumption or \$100.00, whichever is greater, shall also be charged.

-18-

- (2) If a meter has failed to register the amount of water consumed, or the meter was not read, the consumption for the period shall be estimated. Any such estimate may be adjusted if the customer makes a request within 10 days after the gross payment date and presents satisfactory evidence to the Division of Revenue and Taxation.
- (3) The Division of Revenue and Taxation shall consider past usage patterns and type of service in order to generate reasonable estimates.
- (4) Remote reads are estimates and are subject to the provisions in paragraph D.4.

#### J. WATER RATES - GENERAL INFORMATION

- (1) Any customer connected to the City's water system and billed quarterly shall be charged a minimum usage of 1000 cubic feet. Any customer billed monthly shall be charged a minimum usage of 300 cubic feet. These minimum charges are to cover the City's overhead expenses, investment, and cost of being ready to serve the customer with water.

- (2) Minimum charges may be avoided if water service is not needed. Contact the Division of Revenue and Taxation for the particulars.

-19-

- (3) Usages obtained from special reads shall be billed in proportion to the period elapsed since the regular read as compared to the normal billing period between regular reads.
- (4) In addition to the minimum charges and the consumption charges there shall be a fuel adjustment charge. This charge is solely dependent upon the cost fluctuations of the fuel (natural gas, coal, or any other material) that is utilized by the gas and power utility supplier in its provision of service to the City.
- (5) The Superintendent of Revenue and Taxation may render bills at regular rates for extended periods beyond three (3) months. Bills may be issued to customers for shorter periods than three (3) months provided the total number of billings are no more than the total number of revenue billings normally issued in a one (1) year period.
- (6) All bills are rendered in gross and net amounts. Net amounts are gross less 5% discount payable within 14 days. However, governmental agencies under separate agreements shall make every reasonable attempt to make payments to the City as per the terms and conditions of said agreements. The

-20-

Division of Revenue and Taxation shall issue delinquent billing statements in the form of a letter to said delinquent customer.

- (7) Remote readers are installed only with individual agreements with customers and charged as stipulated in said agreements.

K. WATER SERVICE RATE SCHEDULES

The rates set from time to time within the City of Dayton by ordinance shall apply.

L. INDUSTRIAL CONSUMPTION

Under the following conditions, chlorinated, unsoftened water may be supplied to industrial customers within the corporate limits of the City of Dayton:

- (1) Customer's property must be contiguous to well field property, provided however, that property that is separated from well field property only by a public street shall be considered contiguous.
- (2) Customer's property must be within 2000 feet of an existing or proposed raw water pumping installation.
- (3) Customer must show conclusive evidence that consumption will equal or exceed

-21-

two million gallons per working day for five (5) days or more per week.

- (4) Customer may apply for such service only in the absence of available softened water or if pipe lines carrying softened water are inadequate to supply the demand.
- (5) Customer may be required to provide elevated storage if continuity of service equal to that provided on the softened water system is desired.
- (6) The City will provide the metering installation and there may be a minimum charge for service.

M. FIRE LINES AND PRIVATE FIRE HYDRANTS

- (1) To have a fire line service installed in any premises, plans shall be submitted for approval to the City of Dayton. Upon approval the customer shall contract with a plumber or pipe laying contractor/excavator licensed by the City of Dayton and also licensed by the State of Ohio as a sprinkler contractor. The fire line service shall

be installed in accordance with these Rules and Regulations. See Section 4.

-22-

Fire Line Service

<u>Size of Service</u> (Inches)	<u>Rate per Quarter</u> (Dollars)
2	5.00
3	7.50
4	10.00
6	20.00
8	37.50
10	58.50
12	80.00

- (2) Customers may install fire line meters, of a design approved by the Department of Water, at their expense. The charge shall be for the water consumed, plus \$15.00 per year per meter for inspection. Customers shall maintain the meter in proper operating condition. Repairs to privately owned meters may be made by the City and charged to the customer. If the customer fails to comply with a request to repair or replace said meter the fire line service shall be billed in accordance with established rates based on the size of the fire line.
- (3) There shall be a charge of \$5.00 per quarter for each private fire hydrant connected to the City mains, unless the supply to the hydrant is metered.

-23-

- (4) Any leaks in unmetered fire line services inside private property shall be repaired by the customer as soon as detected. The Department of Water has the authority to shut off fire line service if the customer fails to repair such a leak. The Department of Water shall not be held responsible for any damages resulting from any such

action. The Director of Water may require any fire line service to be metered at the customer's expense.

- (5) Fire flow tests of the City water distribution system for building sprinkler design systems shall be charged as fire hydrant use. See Section 2.0. A permit is required and fee shall be charged for each hydrant involved.
- (6) Customers misusing a private fire line or private fire hydrant shall be charged in accordance with Section 2.1 of these rules.

#### N. CONSTRUCTION WATER

- (1) The customer or general contractor shall pay for construction water at the same time application is made for a building permit. The flat rate for construction water shall be as follows:

\$0.75 per \$1,000 or part thereof of permit valuation for the first

-24-

\$25,000 of the cost of the building being constructed.

\$0.25 per \$1,000 or part thereof of permit valuation for the next \$25,000 of such cost.

\$0.15 per \$1,000 or part thereof of permit valuation over and above \$50,000 of such cost.

- (2) The full amount of such fee shall be refunded in those cases where the building structure or improvement is not constructed or if the public water supply was not available during the entire period of construction. Construction water fee may be waived under the following conditions:
  - a. In cases of additions, alterations repairs where metered water is used from services located on the same premises.
  - b. The service is metered when tapped or resumed.

- c. The water used for construction is obtained from an existing metered service or a private source (e.g. private well). In this case, written documentation shall be submitted and approved prior to obtaining a building permit. The documenta-

-25-

tion shall indicate the exact source of the construction water and contain the written consent of the owner or person responsible for paying for the water service if an existing metered service is used.

Waivers shall be accompanied with plans submitted for building permits. If, after the construction water fee has been waived, unmetered City water is used, the waiver shall be void and the full construction water fees will be due and payable. This shall apply even if construction is partially or wholly complete.

- (3) A builder or contractor who is erecting more than one building simultaneously on contiguous lots or applies for two (2) or more building and construction water permits in the same section of a development at the same time may receive the benefit of applying the above rates to the total permit valuation of all the pertinent building permits. This application shall be known as a "graduated scale" and the permits shall so indicate.
- (4) The use of construction water includes the right to use water for normal construction purposes. No person shall use construction water beyond the time of occupancy of the premises, final plumbing inspection, or cessation of

-26-

normal building activities when the construction is completed or purposely held incomplete, whichever is earliest.

#### O. FIRE HYDRANT USE

- (1) Water may be drawn from fire hydrants for approved uses after taking out proper permits at the Department of Water, Engineering Offices. The charge for the use of a firehydrant shall be \$30.00 per day or part thereof. The customer may be eligible for the use of a meter on the firehydrant if the period of use exceeds one (1) week. The Department of Water shall deliver and install the meter on the fire hydrant for the fee specified in Section 2.D.(1).
- (2) The customer shall be held responsible for loss or damage of the meter, hydrant and related fittings. The customer shall pay for all water consumed at the regular rates. The meter installed on one fire hydrant shall not be moved to another fire hydrant by the customer without the approval of the Department of Water. Fees for violation shall be assessed in accordance with Section 2.1.
- (3) Special conditions for use of a fire hydrant shall be evaluated by the Director of the Department of Water on an individual basis and charged

-27-

accordingly. Application for said use is to be made to the Department of Water, Engineering Offices.

P. CASUAL WATER

Casual water is available at the Division of Water Distribution, 943 Ottawa Street. Casual water users shall give name and address where bills are to be sent at the time of receiving water. The rate for casual water is \$1.00 per 1,000 gallons or part thereof. See Section 2.F. in reference to backflow prevention.

Q. CUSTOMERS OUTSIDE THE CITY OF DAYTON

- (1) Except as modified by agreement, customers outside the City of Dayton, supplied water directly by the City of Dayton, shall pay 25% above the rates for water and fire line service con-

tained in these rules. Customers outside the City of Dayton supplied water by the City of Dayton through a master meter shall pay 50% above the rates contained in these rules. In master metered areas where multiple meters are used or when individual meter readings are totaled for consumption, the meter size used for each bill shall be the maximum size stated in Section 2.K.

-28

- (2) Customer services and fees rendered outside the City of Dayton, for other than the purchase of water, shall be charged at 10% above the standard charge for similar service within the City of Dayton, except as provided in the separate agreements.
- (3) Premises outside the City may be supplied water pursuant to a uniform individual agreement entered into between the customer and the City. The place where the water is used or consumed, not the physical location of the meter, shall determine whether the premises are outside the corporate limits of the City.
- (4) If the water main through which the water is to be supplied has been or is to be constructed by the City, the individual agreements shall call for a benefit payment to the City at the actual cost of main installation per lineal foot for each foot of land to be served abutting upon the water main.

#### R. WELLFIELD PROTECTION

The groundwater in the aquifer underlying the Miami Valley and the City of Dayton is the sole practical source of drinking water for the residents in this area. Therefore, the City of Dayton desires to protect the public water supply wells, wellfields and

-29-

recharge areas by controlling and regulating hazardous or toxic substances, hereinafter referred to as Regulated

Substances, and other contaminants or pollutants. Therefore;

- (1) Changes in occupancy, use or ownership of an existing industrial, commercial or governmental site and expansions of existing activities shall be subject to thorough evaluation by the City under the provisions of these Rules and Regulations. Said changes and expansions shall be submitted to the City as part of the normal plan review and permitting routine.
- (2) The City of Dayton shall protect the existing and future of potential public water supply wells, well- field(s) and recharge lagoons, from risks of pollution as deemed necessary by the Director in accordance with R.C.G.O. 50.42.

S. COMPLAINTS AND APPEALS

- (1) Customers with water and/or sewer billing complaints may contact Customer Service of the Division of Revenue and Taxation. Customer Service shall apply these Rules and Regula- tions in order to facilitate a satis- factory resolution to the complaint.

-30-

- (2) Customers which are not satisfied with the above resolutions to billing complaints may appeal in writing to the Board of Water and Sewer Charges Review. Said appeals, to be considered by the Board, shall include at a minimum the name, address, phone number of the complainant (for use during business hours), the name of the Customer Service Representative contacted, a discussion of the facts of the case, any related documenta- tion and in all cases, the basis for the bill adjustment request.
- (3) Governmental agencies covered under separate agreements shall provide reasonable field investigations and customer service prior to referring any appeal to the Board. Any appeal to the

Board shall include those items listed in the above paragraph.

- (4) Any person, feeling aggrieved by a decision of the Board of Water and Sewer Charges Review may appeal such decision to the Board of Water and Sewer Charges Appeals by notifying the Superintendent of Revenue and Taxation in writing within 10 days after receiving notice of the decision of the Board of Water and Sewer Charges Review. Such notice shall contain the grounds for appeal. The decision of the Board of Water and Sewer Charges Appeals is final.

-31-

- (5) Decisions of the Boards do not preclude additional Customer Services or adjustments on the part of other political subdivisions independent of the City of Dayton.

T. EFFECTIVE DATES AND REFERENCES

- (1) The rates for meters larger than 10" are listed in Section 2.K. Master metered rates are presented in Section Q. Fees established as part of this revision were effective April 1, 1984 and were applied to the next nearest full billing rendered.

Rates effective October 1, 1985, were approved by the City Commission on February 13, 1985 and were applied to bills for water service used after September 30, 1985. For further reference of City of Dayton, Department of Water policy and authorities see the following:

REFERENCES

Main Extensions	- Resolution 3915, 7/13/83
Complaints	- Ordinance 24314, 7/5/72 - Ordinance 26913, 12/14/83
Rates	- Ordinance 27144, 2/13/85
General Reference	- RCGO, Chapter 50

3. WASTEWATER SERVICE

A. GENERAL INFORMATION-WASTEWATER

Employees of the City of Dayton in possession of proper identification shall be permitted access to the customer's premises for the purpose of inspection, observation, measurement, sampling and records examination pertaining to the wastewater discharge to ensure that discharge to the City's wastewater facilities is in accordance with the provisions of the Rules and Regulations and other City Codes and Ordinances.

B. DEFINITIONS-WASTEWATER

- (1) 'BOD' - (denoting Biochemical oxygen used in biochemical oxidation under standard laboratory procedure in five days at 20 C, expressed in milligrams per liter as stipulated in 40 CFR, part 136. When the BOD test is not practical, the COD test may be used to determine the BOD by applying an appropriate factor on a case by case basis.
- (2) "Building Sewers" - The extension (lateral) from a building wastewater plumbing facility to the public wastewater facility.

- (3) "COD" - (denoting Chemical Oxygen Demand). A measure of the oxygen equivalent of a sample that is susceptible to oxidation by a strong chemical oxidant. COD is determined by standard laboratory procedure as stipulated in 40 CFR, Part 136.
- (4) "Pretreatment" - The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to discharge to the City of Dayton wastewater facilities.

- (5) "Storm Sewer" - A sewer for conveying storm, surface, and other waters which are not intended to be transported to a treatment facility.
- (6) "Suspended Solids" - The total suspended matter that either floats on the surface of, or is in suspension in, water or wastewater, as determined by 40 CFR, Part 136.
- (7) "Wastewater" - A combination of sanitary sewage, industrial wastes, water carried wastes from residences, commercial buildings, industries, and institutions, together with any groundwater, surface water, or storm water that may be introduced into the wastewater facility.

-34-

- (8) "Wastewater Facility" - The combination of the wastewater sewers and treatment facilities.
- (9) "Wastewater Sewer" - (Sanitary Sewer). The structures, processes, equipment piping and arrangements necessary to collect and transport wastewaters to the treatment facility.
- (10) "Wastewater Treatment Facility" - The structures, land, processes, equipment and arrangements necessary to treat and discharge wastewaters.

C. SEWER EXTENSIONS AND BUILDING SERVICES

- (1) To have a wastewater sewer extended in the City of Dayton, contact the Division of Engineering in the Department of Urban Development for current costs and procedures.
- (2) To have connection made in an available sewer, contact a licensed plumber. The plumber shall then contact the Department of Water, Engineering Office, for current costs and procedures. Certain portions of building sewers installations are performed by the City and billed to the licensed plumber or excavator. Submittal of

plans, securing permits, and payment of applicable fees are required prior to any service work being started. The Department of Urban Development,

-35-

Division of Inspectional Services, Plumbing Inspection, should be contacted for current procedures and requirements.

- (3) Any proposed or new industry seeking wastewater service shall file a disclosure form entitled Application for Industrial Wastewater Service at least 30 days prior to connecting to the City's wastewater treatment facility. Any existing industrial users proposing changes in ownership, occupancy or use shall also complete and file said form at least 30 days prior to implementing said changes. No person shall connect to the wastewater facility prior to approval by the Department of Water.

#### D. SEWER USE AND PRETREATMENT

##### (1) General Prohibitions

No person shall discharge to any of the City's wastewater facilities any substances or wastes which in whole or in part: Create a fire or explosion hazard; contain corrosive properties (i.e., in no case shall discharges have a pH lower than 6.0 or greater than 10.0); cause obstruction or other interference; constitute a slugload; contain heat in amounts which will accelerate the formation of excessive amounts of hydrogen sulfide, inhibit

-36-

sampling efforts, endanger monitoring or maintenance personnel, or inhibit biological activity in the wastewater treatment facilities (i.e., a discharge of 140 F may be prohibited); contain noxious, malodorous gas or substance which create a public nuisance or hazard; contain radioactive wastes in harmful quantities; contain nonshredded garbage, contain any odor or color producing substances

exceeding limits; cause the City's wastewater treatment plant effluent or residues, sludges, or scums to be unsuitable for reclamation and reuse or interfere with sludge disposal practices; or cause the City to violate any of the City's NPDES permit limits or requirements or otherwise pass-through the facility.

(2) Sewer Use Restrictions

Various divisions and departments within the City of Dayton administer and enforce sewer design and use regulations and codes. Your attention is directed to the Division of Building Inspection, the Division of Engineering, the Division of Sewer Maintenance and the Division of Wastewater Treatment. Ordinance 27173, which is known as the "Sewer Use Ordinance", delineates the pretreatment and sewer use regulations and restrictions in more detail than are found in these Rules

-37-

and Regulations. The central or coordinating office for any change of use, occupancy or ownership, or plan review is the Division of Inspectional Services.

(3) Data Disclosure, Applications, and Reports

All industrial users that are presently connected or are discharging, or proposing to connect to or to discharge wastewater or industrial wastes directly or indirectly to the City's wastewater treatment facility shall fulfill the applicable disclosure declarations some of which are as follows:

- a. The Industrial User's Survey shall be completed and filed and kept current by any existing industrial user, connected to or using the City's facilities;
- b. The Application for Industrial Wastewater Service shall be filed by any industrial user proposing

changes in ownership, occupancy or use, or as required by the Director, at least 30 days prior to implementing the changes;

- c. Any industrial user subject to the Federal Categorical Pretreatment Standards shall file the applicable reports as required;

-38-

- d. Users shall notify the City's Superintendent of Wastewater Treatment or the operator on duty at the wastewater treatment facility by telephone immediately upon the occurrence of a slugload or accidental discharge to the City;

- e. All users who discharge or propose to discharge wastewaters to the City's facility are required to maintain records of effluent flows and pollutant quality and quantity so as to demonstrate compliance status as it relates to any applicable federal, Ohio or local sewer use or pretreatment standards or requirements.

(4) Monitoring and Sampling

Industrial users shall provide suitable access to employees of the City and, where required, such meters, equipment and appurtenances to facilitate observation, sampling and measurement of the wastewater. The Director may require self monitoring and reporting.

(5) Federal Categorical Pretreatment Standards

No person shall discharge to any of the City's wastewater facilities, wastewaters containing substances

-39-

subject to an applicable Federal Categorical Pretreatment Standard promulgated by EPA in excess of the limit prescribed in such applicable pretreatment standards.

(6) Recovery of Costs Incurred by the City

Any user violating any of the provisions of Section 3 of these Rules and Regulations, or who discharges or causes a discharge producing a deposit or obstruction, or causes damage to or impairs the City wastewater facility shall be liable to the City for any expense, loss, or damage caused by such violation or discharge. The City shall bill the user for the cost incurred by the City for any cleaning, repair, or replacement work caused by the violation or discharge. Refusal to pay the assessed costs shall constitute a violation of these Rules and Regulations.

(7) Penalties for Violations - Publication of Names

a. Any person who violates or continues to violate any provisions of Section 3 of these Rules and Regulations, or any person who violates or continues to violate any provisions of Section 3 of these Rules and Regulations beyond the time limit for compliance set forth in

-40-

the order, Notice of Violation or compliance schedule established by the Director, shall be subject to the following:

- 1) A fee in an amount not to exceed Five Hundred Dollars (\$500.00) may be assessed by the Director. A subsequent violation of the same provision shall constitute a misdemeanor of the first degree, punishable as provided in 2929.21, Ohio Revised Code. If the subsequent violation is a continuing one, each day of such violation shall constitute a separate violation.
- 2) The property may be subject to disconnection from the City's wastewater facilities.

- b. A list of industrial users who were the subject of enforcement proceedings pursuant to these Rules and Regulations during the twelve (12) previous months shall be published annually by the Director in a daily newspaper of general circulation in the City of Dayton.

Said list shall report the following:

- 1) Enforcement actions taken by City;

-41-

- 2) Pattern of non-compliance by user;
- 3) Inaccurate reports submitted by user;
- 4) Emergency authority exercised by City; and
- 5) Such other matters deemed necessary by the Director.

E. WASTEWATER COLLECTION SYSTEMS - GENERAL

The City of Dayton has developed separate wastewater and storm water collection systems. The Department of Water maintains all public wastewater sewers in dedicated streets and easements.

F. BUILDING LATERALS AND PLUMBING MAINTENANCE

The building lateral, from the City owned and maintained sewer to the customer's building or facility, is the maintenance responsibility of the customer.

Repairs of building laterals, beyond the customer's property line, in the right-of-way or easement require the services of a licensed plumber and a City permit. Whenever a cut is to be made in a dedicated street or alley, the customer's plumbing contractor shall contact the City of Dayton. The City shall then perform all said excavations, repairs

-42-

and restoration with the contractor being billed for the work. For any work on the

building lateral or plumbing, City permits and inspection are required.

G. BILLING AND DELINQUENT ACCOUNTS

Refer to subsection 2.H. of these Rules and Regulations. The methods and procedures for wastewater service billing and delinquent accounts shall reflect, as similar as is possible, to those of water.

H. WASTEWATER RATES - GENERAL INFORMATION

- (1) For any lot, parcel of land, building, or premises situated within the corporate limits of the City having any connection with the City wastewater system or otherwise discharging wastewater, industrial wastes, water or other liquids, either directly or indirectly, into the City wastewater system, a charge or rental shall be based upon the quantity of water used as measured by the City water meter there in use or by other means acceptable to the Director. The measurement of the strength of the wastewater for purposes of application of the extra strength surcharges shall be made by standard sampling and laboratory procedures in a manner acceptable to the Director. The charges shall be made

-43-

quarterly or monthly at the discretion of the Director.

For the purpose of applying the surcharge for discharges of higher than normal strength wastewater the Department of Water shall sample the effluent of the customer's building lateral six (6) times per billing cycle. However, if the Director determines that monitoring the users effluent is not practical, reliable, or cost effective, the Director may specify alternative methods of determining the characteristics of the wastewaters discharge which will, in the Director's judgment, provide an equitable measurement of such characteristics.

- (2) If a customer is found to be discharging wastewater or other wastes into the City's wastewater system without paying a wastewater service charge or rental, the Director shall, by any such method as is practicable, measure or estimate the quantity of such wastes for the purpose of establishing a proper charge in accordance with the schedule of charges set forth herein, and the customer shall be charged for the total term of the prior usage on the basis of the quantity so determined. The measurement of the strength of the wastewater for purposes of application of the extra strength surcharges shall be made by

-44-

standard sampling and laboratory procedures in a manner acceptable to the Director.

- (3) When a secondary water supply serves a one family dwelling connected to the wastewater collection system, charges shall be computed on an estimated usage of 3,000 cubic foot per quarter (for a 5/8-inch meter). The billing for larger customers served by a secondary water supply shall be reviewed on a case-by-case basis.
- (4) The meter size for applying minimum wastewater treatment charges for private meter installations shall be based on the actual size of the meter; provided however, exceptions such as but not limited to multiple meter installations, parshall flumes and weirs, shall be billed at a 10" meter size for minimum wastewater service charges.
- (5) Private meters shall be tested for accuracy on a routine basis at the owner's expense as deemed necessary by the Director. Standards for meter accuracy shall be determined by the Director. Small meters, such as a 5/8-inch meter, shall be deemed accurate if tested within two percent (2%) of flow.

- (6) A fee of \$5.00 per read shall be charged for each private meter read for customer convenience or special billing. The Department of Water may sell meters for private use if deemed to be in the best interest of the Department. Cost of meters will be based on depreciated value plus handling for used meters and replacement cost plus handling for new meters.
- (7) Minimum charges will be payable quarterly or monthly as due in accordance with applicable rates.
- (8) When special readings are requested by the customer or needed by the Departments of Water or Finance between regular reading dates, charges will be determined in proportion to the time elapsed since normal time between regular reading dates.
- (9) The Superintendent of Revenue and Taxation may render bills at regular rates for extended periods running beyond three (3) months when extended periods are necessary. Bills may be issued to customers for shorter periods than three (3) months provided the total number of billings are no more than the total number of revenue billings normally issued in a one (1) year period.

- (10) All bills are rendered in gross and net amounts. Net amounts are gross less 5% discount payable within 14 days (or 60 days for government agencies).

I. WASTEWATER SERVICE RATE SCHEDULE

There shall be levied and assessed upon each lot, parcel or land, building, or premises having any sewer connection with the wastewater system of the City or otherwise discharging wastewater, industrial wastes, water, or other liquids, either directly or indirectly into the City wastewater system, a wastewater service charge or rental

payment as hereinafter provided. The user charge portion of the wastewater service charge is for the payment of the costs of operation and maintenance including replacement of the wastewater collection and treatment system.

User charges, other charges, and total wastewater service charges each shall consist of three components as follows:

A minimum charge which will vary by water meter size.

A volume charge per thousand cubic feet of usage in excess of the usage allowed in the minimum charge; and

-47-

Extra strength surcharges for wastewater discharges with pollutant concentration in excess of those of normal domestic wastewater.

The various components of the wastewater service charges are as follows:

(1) The rates to be charged quarterly are as follows:

a. Minimum Charge (per quarter)

Meter Size (Inches)	Effective January 1, 1985 Including Volume Charge For 1,300 <u>Cubic Feet</u> (Dollars)	Effective January 1, 1986 Including Volume Charge For 900 <u>Cubic Feet</u> (Dollars)
	5/8 or 3/4	9.50
1	10.00	10.50
1-1/2	10.50	10.75
2	11.50	11.50
3	12.50	12.50
4	17.00	17.00
6	23.00	23.00
8	30.00	30.00
10	40.00	40.00

b. Volume Charge

Effective January 1, 1985:

For the next 8,700 cubic feet, the rate per 1,000 cubic feet shall be ...\$4.30

For the next 90,000 cubic feet, the rate per 1,000 cubic feet shall be ...\$3.70

For all over 100,000 cubic feet, the rate per 1,000 cubic feet shall be ...\$3.50

c. Volume Charge

Effective January 1, 1986:

For the next 9,100 cubic feet, the rate per 1,000 cubic feet shall be ...\$4.50

For the next 90,000 cubic feet, the rate per 1,000 cubic feet shall be ...\$4.10

For all over 100,000 cubic feet, the rate per 1,000 cubic feet shall be ...\$3.70

d. Extra Strength Surcharge

In addition to the above rates, an Extra Strength Surcharge shall be made for discharges as follows:

	Effective January 1, 1985	Effective January 1, 1986
	Charge Per	Charge Per
	Excess Strength	Excess Strength
	Unit Per	Unit Per
<u>Strength Component</u>	<u>1000 Cubic Feet</u>	<u>1000 Cubic Feet</u>
	(Dollars)	(Dollars)
Biochemical Oxygen Demand (BOD) in excess of 350 mg/l	0.00174	0.00223
Suspended		

Solids in excess of 350 mg/l	0.00085	0.00153
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(2) The rates to be charged monthly are as follows:

a. Minimum Charge (Per month)

<u>METER SIZE</u> (Inches)	Effective 1/1/85 Includ- ing Volume Charge For <u>433 Cubic Feet</u> (Dollars)	Effective 1/1/86 Includ- ing Volume Charge For <u>300 Cubic Feet</u> (Dollars)
5/8 or 3/4	8.25	8.75
1	8.50	9.00
1-1/2	8.75	9.25
2	9.00	9.75
3	9.50	10.50
4	12.50	14.00
6	16.50	19.00
8	21.00	24.00
10	28.00	32.00

-50-

b. Volume Charge

Effective January 1, 1985:

For the next 2,900 cubic feet, the rates per 1,000 cubic feet shall be ...\$4.30

For the next 30,000 cubic feet, the rate per 1,000 cubic feet shall be ...\$3.70

For all over 33,333 cubic feet, the rate per 1,000 cubic feet shall be ...\$3.50

c. Volume Charge

Effective January 1, 1986:

For the next 3,033, cubic feet, the rates per 1,000 cubic feet shall be ...\$4.50

For the next 30,000 cubic feet, the rates per 1,000 cubic feet shall be ...\$4.10

For all over 33,333 cubic feet, the rate per 1,000 cubic feet shall be ...\$3.70

d. Extra Strength Surcharge

In addition to the above rates, an Extra Strength Surcharge shall be made for discharges as follows:

-51-

<u>Strength</u> <u>Component</u>	Effective	Effective
	January 1, 1985	January 1, 1986
	Charge Per	Charge Per
	Excess Strength	Excess Strength
	Unit Per	Unit Per
	<u>1000 Cubic Feet</u>	<u>1000 Cubic Feet</u>
	(Dollars)	(Dollars)
Biochemical Oxygen Demand (BOD)) In excess of 350 mg/l	0.00174	0.00223
Suspended Solids in excess of 350 mg/l	0.00085	0.00153

- (3) The user charge portion of the wastewater service charges will be reviewed periodically to accomplish the following:

Ensure that the existing user charge rate is adequate to cover operation, maintenance, and replacement costs; and ensure the operation, maintenance, and replacement costs are being distributed proportionally among users and user classes.

- (4) The rates established by ordinance to be effective January 1, 1985, shall become effective so as to be applied to all bills rendered by the Water

-52-

Department wherein the entire period of water usage or wastewater disposal is after December 31, 1984. Where previous bills have been estimated and the current bill is based on the actual meter reading made after March 31, 1985, in the case of quarterly bills, and after January 31, 1985, in the case of monthly bills, it

will be assumed that all consumption, as determined by the actual meter reading, occurred after December 31, 1984.

The first bill rendered to the customer after December 31, 1984, if based upon usage whether actual or estimated which includes usage both before and after December 31, 1984, shall be considered for billing purposes as usage all of which was prior to January 1, 1985, to be paid for at the old rates, and all bills rendered thereafter shall be considered as covering consumption after December 31, 1984, to be paid for at the new rates.

- (5) The rates established by ordinance to be effective January 1, 1986, shall become effective so as to be applied to all bills rendered by the Water Department wherein the entire period of water usage or wastewater disposal is after December 31, 1985. Where previous bills have been estimated and the current bill is based on the

-53-

actual meter reading made after March 31, 1986, in the case of quarterly bills, and after January 31, 1986, in the case of monthly bills, it will be assumed that all consumption, as determined by the actual meter reading, occurred after December 31, 1985.

The first bill rendered to the customer after December 31, 1985, if based upon usage whether actual or estimated which includes usage both before and after December 31, 1985, shall be considered for billing purposes as usage all of which was prior to January 1, 1986, to be paid for at the old rates, and all bills rendered thereafter shall be considered as covering consumption after December 31, 1985, to be paid at the new rates.

J. CUSTOMERS OUTSIDE OF THE CITY OF DAYTON

- (1) Except as modified by agreement, customers outside the City of Dayton

connected to and served by the City of Dayton wastewater treatment facilities shall pay 25% above the rates for wastewater treatment service for inside the City customers.

- (2) Any rates, charges, or fees are applicable for any lot, parcel of land, building, or premises situated outside of the corporate limits of the

-54-

City having any connection with City wastewater system or otherwise discharging wastewater, industrial wastes, water, or other liquids, either directly or indirectly, into the City wastewater system, where such usage of the City wastewater system is covered by specific agreements specifying rates, terms, and conditions of usage. The measurement of the strength of the wastewater for purposes of application of the extra strength surcharges shall be made by standard sampling and laboratory procedures in a manner acceptable to the Director.

- (3) The City of Dayton has the authority, pursuant to 6111.032(B) of the Ohio Revised Code, to implement, administer, monitor and enforce the Industrial Pretreatment Program. The provisions of the program and these Rules and Regulations shall apply to all persons or entities outside of the City of Dayton who are by contract or agreement users of City of Dayton wastewater treatment facilities. Any political subdivision under contract or agreement with the City of Dayton and with wastewaters being tributary to the City of Dayton wastewater collection system and wastewater treatment facilities are regulated in accordance with the Federal Clean Water Act (33 U.S.C. 1150, et seq.) and shall recognize that the City of

-55-

Dayton has the primary authority to enforce the Industrial Pretreatment program in such systems and districts.

#### K. COMPLAINTS AND APPEALS

Refer to Section 2.S. of these Rules and Regulations. The methods and procedures for wastewater services complaints and appeals shall reflect, as similar as is possible, to those of water.

L. REFERENCES

Rates - Ordinance No. 27051, 8/22/84  
Sewer Use - Ordinance No. 27173, 4/10/85

General References - RCGO, Chapter 50

4. PLUMBERS AND EXCAVATORS

A. GENERAL INFORMATION AND PURPOSE

The purpose and intent of these Rules and Regulations are to establish guide- lines and conditions for obtaining water service from the City water main to the meter, fireline, fire hydrant or backflow prevention device. Details include material specifications, methods of installation, plans and permits required prior to installation. The Department of Water as the purveyor, reserves the right to specify, implement and enforce the terms and conditons mentioned herein. The role of the

-56-

plumber and/or excavator in the process of providing water service is to act as the customer's agent and install service and plumbing materials in accordance with accepted practice and these Rules and Regulations.

Customers are required to contract with licensed plumbers and/or excavators to obtain service and are obliged to conform to these Rules and Regulations of the Department of Water as a condition of service. Plumbers and/or excavators are required to do all service work in a dedicated street, alley or easement. Customers may perform certain work "on premises" - contact Inspectional Service. (See Definitions).

B. LICENSE AND PERFORMANCE BOND

All Plumbers and Excavators doing service work for customers of the City of

Dayton shall be licensed and bonded by the City of Dayton. By obtaining such license and bond, plumbers and excavators agree to perform all service work in accordance with current specifications and/or standards of the Department of Water. All new work shall be guaranteed against defects in materials and workmanship for one year after final inspection. Plumbers and excavators are obligated to resolve customer or City complaints concerning materials or workmanship in a timely manner. Recourse for

-57-

non-performance or not resolving problems may include but is not limited to revoking permits, assessing violation fees, enforcing bond by making repairs or bringing charges before the Board of Plumbing Appeals.

C. PERMITS AND INSPECTION

Service permits and inspection are required for all new or repair work on any portion of the service. This also includes work on piping up to the check valve or fire hydrant. Plumbers and excavators shall obtain permits prior to commencing work. Violations shall be brought to the attention of Inspectional Services for the appropriate actions.

D. STANDARDS FOR TAPS, SERVICES AND METERS

The Department of Water shall provide current standards for materials, methods and cost concerning taps, service and meters. These Standards will be published separately from these Rules and Regulations and updated as needed.

E. All taps on the City maintained water distribution system shall be made or supervised by personnel of the Department of Water. Service taps shall also be made by the City in areas metered or billed by the City. See Section 4.R.

-58-

F. MAIN EXTENSIONS

These Rules and Regulations are applicable provided water is available to the customer property (i.e., a water main available for tapping). If no water main is available refer customer to the Department of Water - Engineering Offices for procedures to follow.

G. WATER SERVICE INSTALLATION - DOMESTIC

Services are to be installed as detailed in the current "Standards for Taps, Services and Meters" of the City of Dayton - Department of Water using new material. Plans shall be submitted for any service larger than one inch in diameter. The plans shall present the layout, location of meter, location of backflow prevention device, etc. The minimum diameter pipe size for a new domestic service is one inch. Existing services less than one inch diameter may be picked up for reuse subject to a demonstration that the flow capacity of the service will meet the fixture load demand of the customer's plumbing system and maintaining required residual pressure at the fixture with the highest elevation. All materials shall be new.

H. WATER SERVICE INSTALLATION - FIRE

All fire suppression systems require plan approval of the Department of Fire

-59-

and the Department of Water prior to installation. Plan shall show the type of pipe to be used, location of valves, hydrants, siamese connections and check valves, etc. Plumbers and excavators shall install the underground portion of fire lines on the customer premises subject to permits, fees, materials and procedures outlined in "Standards for Taps, Services and Meters" and these rules. Where applicable plumbers/ excavators, shall be licensed by the City of Dayton and also shall be licensed by the State of Ohio as sprinkler contractors. The minimum size fire line is 2" diameter and all materials shall be new.

I. VALVE AND CURB STOP OPERATION

Plumbers and excavators licensed by the City of Dayton are permitted to operate curb stops 1-1/2 inch diameter and smaller in the course of performing maintenance and repair work. Valves 2" and larger are to be operated solely by personnel of the City of Dayton. The fee for violation of this provision is \$100.00 for each occurrence.

J. PRESSURE/LEAKAGE TEST

New services for fire and/or domestic use require testing. During the test all joints shall be exposed and no leakage shall be allowed unless waived by the Director of Water. Test specifications are as follows:

-60-

<u>TYPE OF SERVICE</u>	<u>MAIN TO PROPERTY LINE (PL)</u>	<u>PL TO BUILDINGS</u>
		K copper Line Pressure 150 psi or 1.5 times the work- ing pressure whichever is greater.

Ductile C.I. Tested to tap value at 150 psi or  
1.5 times the working pressure  
whichever is greater.

The duration of the pressure/leakage test shall be as required to ascertain a leak-free service as deemed necessary by the inspecting agency.

K. DISINFECTION

Purity tests are required on all underground piping installed in rigid lengths. New copper pipe from a sealed coil shall be thoroughly flushed prior to use for either fire or domestic use. The required test may be performed by the Department of Water as part of service work done by the City. Plumbers and excavators shall provide two consecutive purity tests 24 hours apart from a hose bibb at the metering location or fire line check valve of hydrant as appropriate, in accordance with Ohio EPA directives and

AWWA procedure. Purity tests beyond the purveyor's jurisdiction shall be required as needed by Plumbing

-61-

Inspection of the City. Chlorine dosages shall meet or exceed applicable AWWA standards.

L. SEPARATION OF WATER SERVICES AND BUILDING LATERALS

In dedicated streets or easements parallel water mains and wastewater sewers shall be separated by a minimum distance of 10 feet.

Water services and building laterals serving customers perpendicular to the property line or easement line shall be separated by a minimum distance of five (5) feet from the water main to the property/easement line.

M. COVER

Minimum cover on water services from the main to the property or easement line is 48".

N. METERED/UNMETERED WATER

Plumbers and excavators shall ensure that no water is used for other than testing without a meter, construction water or fire line charges having been paid. Fees for violation shall be assessed in accordance with these Rules and Regulations. Jumpers for testing purposes shall be removed immediately after testing unless a construction

-62-

water fee has been paid. Jumpers for construction water shall be removed after the final plumbing inspection or upon occupancy. Violators of this paragraph shall be assessed \$100.00 plus cost of water used. See Section 2.1.

O. METERING

Metering concepts shall be approved prior to installation of new or resumed water

service for meters 1-1/2" and larger. Plans shall be submitted to Water Engineering for approval. All new meter spreads and piping shall comply with "Standards for Taps, Services and Meters" as published by the City of Dayton, Department of Water. Meter spreads and piping for services being resumed shall be brought up to current standards. Openings are prohibited ahead of the meter except for 1/4" outlets for pressure gauges.

P. BACKFLOW PREVENTION - CROSS CONNECTION CONTROL

All water services whether new or resumed shall be investigated and analyzed for backflow prevention and cross connection control. Cross connections are prohibited and all installations must conform to the backflow prevention portion of the Rules and Regulations of the Department of Water. Plumbers shall be held accountable for this activity. All

-63-

backflow prevention devices conforming to ASSE Standards 1013, 1015, and 1020 must be approved for installation by the Department of Water and Plumbing Inspection using current procedures for plans, permits, inspections and forms.

Q. PAYMENT OF ACCOUNTS

All bills for materials, labor and equipment rendered by the Department of Water in connection with service work or main extensions are payable within 30 days. Procedures for non-payment may include assessing the bonding company, revoking future permits or prosecution, etc.

R. PENALTIES

Plumbers and excavators shall follow proper procedures, including plan approval and permits, inspections and fees, using proper materials and methods, removal of bypasses, purity tests, etc., and in general conducting business in a professionally skilled manner. Penalties shall be assessed as detailed in

accordance with these Rules and Regulations.

S. EMPLOYEES

Plumbers and excavators shall be held accountable for the action of their employees.