

## **Section 1 - Definitions**

When used in these regulations unless otherwise indicated by the context:

- A. **"Board"** means the Township Board of said Township.
- B. **"Premise"** means the particular property connected to the water system and includes appurtenant land and improvements.
- C. **"Service Pipe"** means a pipe extending from the property line into premises supplied with water.
- D. **"Sewage"** means any combination of water-carried wastes from residences, businesses and commercial buildings, institutions and industrial establishments, together with such ground, service and storm waters as may be present.
- E. **"Supply Pipe"** means a pipe tapped into a main and extending thence to and including the curb cock or valve at the property line.
- F. **"Township"** means the Charter Township of Orion, Oakland County, Michigan.
- G. **"Water Department"** means collectively those officials, employees and agents of the Township invested by the Board with authority over the system.
- H. **"Water Main"** means those pipes, other than supply pipes and service pipes, used for conveying or distributing water.
- I. **"Water System"** means collectively all plants, work, properties and instrumentalities, as the same shall from time to time exist, which are used or useful in connection with the obtaining of a water supply, the treatment of water, and/or the distribution of water by the Township.

## **Section 2 - Service Pipes And Supply Pipe Connections**

- A. All supply and service pipes shall be of Type "K" Copper or approved plastic of size and quality as approved by the Water Department. All fittings and connections, underground, shall be approved by the Water Department.
- B. Water shall be taken and used only through water service pipes under the supervision of the Department and no connection through which water may pass from one property or premises to another shall be permitted, even though the ownership of both properties or premises may be the same.
- C. Excessive or unnecessary use or waste of water, whether caused by carelessness or by defective or leaky plumbing or fixtures, is strictly prohibited. For disregard of, or repeated violation of this requirement, the water may be turned off by the Water Department.
- D. Service pipes shall be the responsibility of a licensed plumber, or a homeowner, and all the fixtures and attachments put in on the premises in connection therewith must conform to character, design, and quality of the laws of the State of Michigan and the Plumbing Code as adopted by the Orion Township Board.
- E. All service pipes must be laid with a minimum of five (5) feet of cover, said lines to be inspected before backfill by an inspector from the Township.
- F. A separate gate valve, the same size as the meter connections, shall be placed on the service pipe on both sides of the meter. Such valves shall be equal in quality to the service cock.
- G. No supply pipe of less than three-fourths (3/4) inch inside diameter will be permitted. Supply pipes of larger size shall be determined by the Water Department.
- H. At the time application is made for a water service connection to a building under construction, the applicant must pay a flat rate for water usage determined by the Water Department. Said fee for construction water

shall entitle the applicant to water for construction purposes for a period of not more than three months. Where water is provided without a meter, for construction of a building, any wasting of water, whether caused by carelessness or by defective fixtures, is strictly prohibited. For disregard of, or repeated violation of this requirement, the water may be turned off by the Water Department.

- I. No supply pipes shall be installed when the service pipe is in line with a driveway, tree, fire hydrant, catch basin or other obstruction.
- J. All supply pipes from the main to the lot line shall be installed only by properly authorized employees of the Water Department. Before receiving a permit for service connection, there must be paid such a sum, as required, to cover the expense of furnishing and installing the supply pipe, curb stop, stop box and meter.
- K. Once a supply pipe has been installed by the Water Department, the supply pipe, from the main to the property line, shall be maintained by the Department. The service pipe from the property line to the premises shall be considered private plumbing and be maintained by the owner of the premises. Failure to keep the service line in good repair will result in discontinuance of service.
- L. No person shall interfere in any way with the supply pipe installed by the Department. No person is permitted to turn water on or off at the curb stop, except for the purpose of testing, in which case the curb stop shall be left in the same condition and position as they found it.
- M. All Township water used on any premises where a meter is installed must pass through the meter. No by-passing of the meter will be permitted except as provided in Section 4.5.

### **Section 3 - Use of Water**

- A. No steam boiler shall be directly connected to the water service pipe. The owner shall provide a tank of sufficient capacity to afford a supply for at least ten (10) hours, into which the service pipe shall discharge.
- B. No person shall take or use water from premises other than their own, or of which they have possession.
- C. Where property is occupied by two or more distinct families, or where a business building is occupied by two or more firms or persons, a single charge for water will be made against the owners of the property for the whole; provided, however, that a building or buildings under one ownership may be served by more than one water service and meter upon approval of the Water Department. In multiple meter installations, no master meter shall be allowed. When more than one meter is served by one water service, all the meters served by the service must operate from a manifold type arrangement. Failure of one unit in a manifold arrangement to pay for water received will result in a discontinuance of water to that meter.
- D. Where a building, originally built as a single building or premises and fitted with one service pipe, but capable of being divided by sale or otherwise, has been or may be hereafter subdivided and each subdivision shall be separately owned, the separate division or divisions so made must be connected to the main by separate service pipes within thirty (30) days after such division.
- E. Where the water has been turned off for any reason, only persons authorized by the Water Department shall turn it on again. When this rule is violated, the water may be turned off at the curb cock, in which case the owner or occupant shall, before it is again turned on, pay in advance the charges established by the Board for turning the water off and turning it on again.
- F. No person or persons shall obstruct or interfere in any way with any curb cock, valve or fixture connected with the system by placing in, on, or about it building materials, rubbish, soil, shrubbery, flowers, or other hindrances to easy and free access thereto.
- G. Only approved water-conserving type air conditioning units shall utilize water from the Water System. An approved water-conserving type shall be one:
  - 1. Which is equipped with cooling tower, atmospheric condenser, spray pond, or other equivalent which shall directly or indirectly cool refrigerant, and

- 2. Which can use water from the Water System only for makeup water to replace water lost by evaporation or by flushing of the equipment, and
  - 3. Which uses an average of less than 12 gallons of water from the Water System per hour per ton of cooling capacity when the unit is operating, and
  - 4. Which has no piping connection to allow operation of the air conditioning unit by direct use of water from the Water System, either in conjunction with or in place of such cooling tower, atmospheric condenser, spray pond, or other circulating and heating exchange equipment.
- H. No water from air conditioning or heating units will be allowed to discharge into the Township sanitary sewer system.

**Section 4 - Charges for Water Service** *(effective 07.01.16)*

Charges for water service each quarterly (three months) period shall consist of:

- A. A minimum quarterly charge for water, will be \$25.69 per 1,000 cubic feet.
- B. For all water used in excess of the first 1,000 cubic feet, the charge shall be \$2.57 per 100 cubic feet.
- C. All residential premises with non-metered water shall pay \$54.00 per unit, per quarter flat rate.
- D. Each premises to or from which separate unmetered line connection is provided for sprinkler or hydrant service shall pay therefore a quarter charge as follows:
  - For a 4-inch service connection - \$50.00
  - For a 6-inch service connection - \$50.00
  - For a 8-inch service connection - \$50.00

**Section 5 - Charges for Sewer Service** *(effective 07.01.16)*

- A. Charges for sewage service to premises utilized for residential purposes shall be \$67.83 per unit for each calendar quarter (three months) or part thereof. The volume of one (1) unit shall be equal to 3,200 cubic feet.
- B. Charges for non-metered non-residential use shall be based upon units determined by the Township (Township REU Table). One (1) unit shall be billed at \$67.83 per quarter. The volume of one (1) unit shall be equal to 3,200 cubic feet. Charges for sewage service to premises utilized for non-residential purposes where metered data is utilized shall be charged a meter/billing fee of \$8.80. Said fee shall cover the associated cost of servicing a customer regardless of flow. In addition, said customers shall be billed \$2.27 per 100 cubic feet of water used.
- C. In addition to the sewer usage charges, all non-residential users of the system shall pay a quarterly "Industrial Waste Control" (IWC) Charge in accordance with the following schedule, based on assigned meter size:

<u>Industrial Waste Control Charge (IWC)</u> <u>Meter Size</u>	<u>Quarterly IWC Charge</u>
5/8 inch	\$ 16.95
3/4 inch	\$ 25.44
1 inch	\$ 42.39
1-1/2 inch	\$ 93.24
2 inch	\$ 135.60
3 inch	\$ 245.79
4 inch	\$ 339.00
6 inch	\$ 508.50
8 inch	\$ 847.50
10 inch	\$ 1186.50

12 inch	\$ 1356.00
14 inch	\$ 1695.00
16 inch	\$ 2034.00
18 inch	\$ 2373.00

Non-residential users shall be defined as all users other than single family houses, apartment buildings, condominiums, townhouses, mobile homes, schools, churches and municipal buildings.

D. Where metered water is not available, the assigned water meter size for non-residential users of the system shall be in accordance with the following schedule:

<u>Units Assigned in Accordance with the Current Orion Township Schedule of Unit Assignment Factors</u>	<u>Assigned Water Meter Size</u>
1-4	5/8 & 3/4 inch
5-10	1 inch
11-20	1-1/2 inch
21-32	2 inch
33-64	3 inch
65-100	4 inch
101-200	6 inch

E. High Strength Surcharge

A high strength surcharge shall be levied against industrial and commercial customers contributing sewage to the system with concentrations of pollutants exceeding the levels described as follows:

1. 275 milligrams per liter (mg/l) of Biochemical Oxygen Demand (BOD).
2. 350 milligrams per liter (mg/l) of Total Suspended Solids (TSS).
3. 12 milligrams per liter (mg/l) of Phosphorus (P).
4. 100 milligrams per liter (mg/l) of Fats, Oils, and Grease (FOG).

Amounts of High Strength Surcharge	Total Charge per Pound of Excess Pollutants
Biochemical Oxygen Demand (BOD)	\$0.219
Total Suspended Solids (TSS)	\$0.351
Phosphorus (P)	\$4.546
Fats, Oils, and Grease (FOG)	\$0.194

The High Strength Surcharge shall not apply to domestic customers. Restaurants shall also be exempt from High Strength Surcharge per the Federal Court "Second Interim Order", dated July 10, 1981.

**Section 6 - Charges for Connections to Sewer and Water Systems Not Made by the Township** *(effective 03.02.15)*

Where actual connections to the sewer and water systems are not made by the Township, the owner of the premises shall pay the Township the following fees:

- A. Water Inspection Fee - \$50.00
- B. Meter Charge - actual cost incurred by the Township, plus 25% for administrative burden.
- C. Sewer Inspection Fee - \$50.00

**Section 7 - Miscellaneous Sewer/Water Fees** *(effective 03.02.15)*

- A. Water Meter Testing Fee - actual cost incurred by the Township, plus 25% for administrative burden.
- B. Water Turn On Charge (only applies after delinquent turn off) - \$20.00
- C. Hydrant Inspection Charge - \$20.00
- D. Water Tap Charges

<u>Tap Size</u>	<u>Charge</u>
1 inch	\$1,165.00
1-1/2 inch	\$1,600.00
2 inch	\$2,290.00

**Section 8 - Inspection and Inspectors**

- A. Inspectors, foremen, and employees of the Township Board whose duty it may be to enter upon private premises to make inspection and examination of the pipes, fixtures or attachments used in connection with the water supply, will be provided with a badge or such other credentials as the Board may deem proper to identify them as authorized agents of the Department. No inspector, foreman, or other employee of the Board shall be entitled to enter upon any private premises, unless he carries and exhibits such badge or credentials.
- B. Any officer, inspector, foreman, or other authorized employee of the Board shall, upon the presentation of the badge or other credentials provided for in the next preceding section, have free access at all reasonable hours to any premises supplied with water for the purpose of making any inspection thereof, including the examination of the entire water supply and plumbing system upon said premises. No person shall refuse to admit any authorized inspector and employee of the Board for any such purpose. In case any authorized employee be refused admittance to any premises, or being admitted shall be hindered or prevented in making such examination, the Township Board may turn off the water from said premises after giving twenty-four (24) hours notice to the owner or occupant or said premises.
- C. No person who is not an authorized officer or employee of the Township Board shall have or wear or exhibit any badge or credential of the Board. It shall be the duty of each and every officer and employee of the Board, upon resignation or dismissal, forthwith to surrender and deliver to the Board at its office all badges and credentials of the Township Board.

**Section 9 - General Provisions**

- A. Should it become necessary to shut off water from any section of the system because of accidents, or for the purpose of making repairs, or in case of construction, the Board will endeavor to give timely notice to the consumers affected thereby, and will, so far as practical, use its best efforts to prevent inconvenience and damage from any such causes, but failure to give such notice will not render the Board responsible or liable for damages that may result therefrom or from any cause.
- B. Whenever notice is required to be given hereunder, the same may be given, either by personal service of a notice in writing to the person, firm, or corporation to be notified, or by sending an employee of the Board to the premises with a written or printed notice, which shall be served on the person, firm, or corporation to be notified, or in case it is impossible to make such service at that time, the same may be posted in some conspicuous place on the premises; or by enclosing a copy thereof in an envelope with postage prepaid, plainly addressed to the person, firm, or corporation to be notified, at the post office or residence address of such person, firm, or corporation, as the same appears on the books of the Board, and depositing the same in any United States Post Office; such notice so given shall be conclusively deemed to have been given at the time of such depositing.

**Section 10 - Adoption by Reference**

The Township of Orion adopts by reference the Waste Water Disposal Standards and Regulations for the Southeastern Oakland County Disposal System and Clinton-Oakland Sewage Disposal System of the County of Oakland, Michigan, dated July 1, 1982.

Adopted by Resolution of the Orion Township Board this 15th day of September, 1982.

**Section 11 - Summer Lawn Watering Restriction**

Upon recommendation of the Director of Public Works that the use of water for lawn watering be restricted, the Supervisor of the Township may impose restrictions upon the users of the water system, limiting by day, date, or time, the use of water for lawn watering.

Any user of the system who fails, after being duly notified of such restriction, to adhere thereto, shall result in discontinuance of service to such user.

Adopted by Resolution by the Board of the Charter Township of Orion this 7th day of May, 1984.

Katherine E. Jacobs, Clerk  
JoAnn Van Tassel, Supervisor