

Village of Wonder Lake, Illinois

Ordinance No. 350

**ORDINANCE  
VILLAGE OF WONDER LAKE  
(MUNICIPAL POTABLE WATER SYSTEM)**

Passed by the Board of Trustees

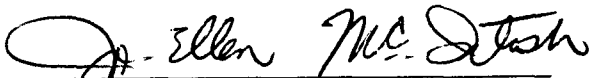
and

Approved by the President

This 2 day of November, 2011

Published in pamphlet form by the authority of the President and Village Board of Trustees of the Village of Wonder Lake, Illinois.

ATTEST:



VILLAGE CLERK

## ORDINANCE

### VILLAGE OF WONDER LAKE (MUNICIPAL POTABLE WATER SYSTEM)

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF WONDER LAKE, ILLINOIS that:

#### SECTION 1. GENERAL PROVISIONS

1.1 Definitions. Unless specifically indicated otherwise, the meaning of terms used in this Ordinance shall be as follows:

1.1.1 "CUSTOMER" shall mean any person who uses and/or receives service from the Municipal Waterworks.

1.1.2 "LIVING UNIT" shall have the meaning set forth in the Zoning Ordinance for the occupancy of one (1) family.

1.1.3 "LOT" shall mean any parcel of land as set forth in the Zoning Ordinance.

1.1.4 "MAJOR WATER MAINS" shall mean water mains of not less than eight inches (8") in diameter and looped at intervals of approximately every one-half (1/2) mile, conveying water from wells or storage reservoirs to the various sections of the water distribution system.

1.1.5 "MUNICIPAL WATER SERVICE CHARGES" shall mean amounts charged for making the Municipal Waterworks ready to serve particular lots, tracts, or parcels of land, and for establishing connection thereto.

1.1.6 "MUNICIPAL WATER SYSTEM" shall mean a waterworks system which is owned, installed or operated by the Village.

1.1.7 "OPERATOR" shall mean the Operations and Management Contractor of the Village of Wonder Lake, or his authorized deputy, agent, or representative.

1.1.8 "OWNER" shall mean any person having legal title to a lot, tract, or parcel of land for which usage, or service from the Municipal Waterworks is provided and/or proposed.

1.1.9 "PRIVATE WATERWORKS" shall mean a waterworks system, which is owned, installed or operated by any person other than the Village.

1.1.10 "SECONDARY WATER MAINS" shall mean a grid of water mains not less than six inches (6"), but less than eight inches (8"), in diameter connected to the major water mains to deliver the fire flow and domestic supply to the various properties and customers along their routes.

1.1.11 "WATER DISTRIBUTION SYSTEM" shall mean the grid of water mains which convey water from the source of supply to the point of use.

1.1.12 "WATER SERVICE CHARGES" shall mean charges to an owner by the Village for preparing the Municipal Waterworks to serve owner's particular lot, tract or parcel.

1.1.13 "WATER STORAGE" shall mean a tank or tanks for storing water for common supply, fire protection and equalization of demands.

1.1.14 "WATER USAGE RATES" shall mean amounts charged for the use of Municipal Waterworks.

1.1.15 "WATERWORKS" shall mean and include a water supply and distribution system in its entirety or any integral part thereof including but not limited to mains, hydrants, meters, valves, standpipes, storage tanks, pump tanks, intakes, wells, impounding reservoirs, pumps, machinery, purification plants, softening apparatus and all other elements useful in connection with such system intended to serve more than one dwelling, structure or building.

1.1.16 "VILLAGE" shall mean the Village of Wonder Lake.

1.2 Application. An application for any services or usage of the Municipal Waterworks shall be made in writing to the Village. Every application shall contain an agreement by the applicant to abide by all of the provisions of this Ordinance and to pay when due to the Village all applicable Municipal Water Service Charges and Water Usage Rates.

1.3 Repair or Connection. Repair of or connection to the Municipal Waterworks shall only be performed by a person authorized by the Operator. The service applicant shall notify the Village in writing of any person proposing to perform work on any part of the Municipal Waterworks. The Village requires any person performing work show proof of proper license and insurance or file a performance bond with the Village.

1.4 Resale. No water supplied by the Municipal Waterworks shall be resold or redistributed, unless specifically approved by the Board of Trustees.

1.5 Service Interruptions. The Village shall not be responsible for any customer damages resulting from any failure or interruptions of Municipal Waterworks water service.

1.6 Right of Turning Off. The Village shall have the right to discontinue its water service to any customer on due notice, whenever the payments for services or usage are in arrears, or in case the customer fails to comply with, or perform any of the conditions or obligations hereof. Prior to such discontinuance of water service, the affected customer shall, upon written request to the Village Clerk, have the right to contest the discontinuance at a hearing before the Village Board, which hearing shall be scheduled within thirty (30) days of the Village Clerk's receipt of the written request.

1.7 Protection from Damage. 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 Municipal Waterworks.

1.8 Powers and Authority of Inspectors. The Operator and other duly authorized employees of the Village bearing proper credentials and identification shall be permitted to enter upon all properties for the purpose of inspection, observation, measurement, sampling and testing the water supply or any part of the Municipal Waterworks.

1.9 Protection of Potable Water. It shall be unlawful to make direct connections to any part of the Municipal Waterworks with any lines, equipment, or vessels containing raw or contaminating chemicals, or sewage or nonpotable water. No connection shall be made between the Municipal Waterworks and a Private Waterworks or between the Municipal Waterworks and an individual well.

1.10 Water Supply Mandatory. Every structure within the geographic area legally described as Village Potable Water Area No. 1 on Exhibit A attached hereto and made a part hereof, in which plumbing fixtures are installed and which are for human use, occupancy, or habitation shall be connected to the Municipal Waterworks.

1.11 Contractor Performing Work on the Waterworks. The Property Owner shall notify the Village in writing of any person, corporation proposing to perform work on any part of the Waterworks System. The Contractor shall be a licensed plumber or working under the direction of a licensed plumber.

1.12 Deposit for Service. The Village may require a security deposit for Municipal Water Service in an amount specified in Exhibit B attached hereto and made a part hereof.

## **SECTION 2. WATER SYSTEMS STANDARDS REGULATIONS AND REQUIREMENTS**

### **2.1 WATER DEMANDS AND FIRE FLOWS.**

2.1.1 Average daily water demand shall be computed on the basis of 100 gallons per capita per day for residential development or for non-residential water demands, in

accordance with Table 1, Quantities of Sewage Flows, set forth in the "Private Sewage Disposal Licensing Act and Code", Department of Public Health, State of Illinois, as herein amended and Title 35 of the Illinois Environmental Protection Act.

2.1.2 Maximum daily water demand shall be computed on the basis of two (2) times the average daily water demand.

2.1.3 Maximum hourly water demand shall be computed on the basis of three (3) times the average daily water consumption.

2.1.4 Fire demand shall be computed for a two (2) hour duration for fire flows up to 2,500 gpm. Any required duration greater than two (2) hours or fire flow above 2,500 gpm is beyond the capability of the Village water supply and therefore should be provided by the property owner. The aforescribed fire flows assume the following demands:

1	Single family detached residential	1,000 gpm
2	Town/row or cluster housing	2,000 gpm
3	Apartment type construction	2,000 gpm
4	Industrial and storage	2,500 gpm
5	Business and commercial areas	2,500 gpm

2.1.5 All water main and appurtenances shall extend to the furthest limits of the tract as directed by the Village Engineer in a manner consistent with sound engineering practices.

## 2.2 SIZE AND LOCATION.

2.2.1 Distribution main size shall be determined by the occupancy of the properties along the line and by the average daily water consumption of each property, plus fire demand. The main shall be of sufficient size to deliver the flow at a residual pressure of not less than 20 pounds per square inch. The main size shall in no case be less than as hereinafter specified.

2.2.1.1 The grid of secondary distribution mains supplying residential districts shall have a minimum pipe size of eight (8) inches in diameter. Minimum pipe size supplying commercial and industrial areas shall be eight (8) inches but may be required to be larger in specific cases upon recommendation of the Village Engineer.

2.2.1.2 At least two points of connection to the existing water system shall be installed to allow continued water service with one main out of service.

2.2.1.3 Water mains serving cul-de-sacs or permanent dead-end streets shall be a minimum of eight (8) inches in diameter and shall be looped in the street right-of-way or through an easement or other right-of-way to another main in the grid.

2.2.1.4 No "dead-end" water main shall be permitted, unless said requirement is waived by a majority vote of the Corporate Authorities.

2.2.1.5 Water mains shall generally be located in the parkway between street and sidewalk and shall have a minimum cover of 5-1/2 feet.

2.2.1.6 Minimum separation of water main and storm sewer, sanitary sewer or drain pipeline shall be in accordance with IEPA regulations.

2.2.2 Gate valves shall be located so that service can be maintained with the least disruption to the system in the case of a break or other emergency and shall be of the same nominal size as the water main pipe. In no case shall valves be located more than 600 feet apart on secondary distribution mains or 1500 feet apart on primary feeder mains. Valves eight (8) inches in diameter or greater shall be located in a valve vault with a minimum of four (4) feet inside diameter. Gate valves shall be of a make common to the Village. Valves shall have a standard operating nut and shall open in a counterclockwise direction. Gate valves shall be in accordance with AWWA C500 or AWWA C509, or the latest edition thereto. Lettering on cast iron lid shall indicate "WATER".

2.2.3 Fire hydrants shall be installed throughout the entire waterworks system and shall normally be located at street intersections. All hydrants shall be located a minimum of five (5) feet from the curb line. In no case shall the interval between hydrants exceed 400 feet in single family residential districts and 300 feet in multiple-housing, commercial, or industrial developments. Fire hydrants shall be manufactured by Waterous or by such manufacturer as may be specified by the Village Board from time to time after receiving recommendations from the Village Engineer. Hydrants shall have a minimum barrel diameter of five (5) inches, with one (1) four-1/2 inch pumper connection, and two (2) 2-1/2 inch hose connections. Pumper connection shall face the street and shall be positioned between eighteen (18) inches and twenty-four (24) inches above finished grade.

## 2.3 MATERIALS.

2.3.1 Water mains shall be constructed of ductile cast iron conforming to the following specifications, or the latest editions thereto:

2.3.1.1 Ductile cast iron pipe manufactured in accordance with AWWA C151, Class 52.

2.3.1.2 Push on joints for joining lengths of pipe in accordance with AWWA C110 and C111.

2.3.1.3 Mechanical joints and fittings for joining lengths of pipe and appurtenant fittings in accordance with AWWA C110 or C153 and with AWWA C111.

2.3.2 All ductile iron water main pipe and fittings shall be interior lined with cement mortar lining in accordance with AWWA C104.

2.3.3 All ductile iron water main pipe and fittings shall be installed with polyethylene encasement in accordance with AWWA C105. If the developer or developer's underground contractor conducts soil survey tests in accordance with Appendix "A" of AWWA C105 by the Ductile Iron Pipe Research Association or qualified soil testing firm, the Village will evaluate the testing report and identify portions of the water main that may be excluded from polyethylene encasement.

2.3.4 Water main shall be constructed of Polyvinyl Chloride (PVC) Pressure pipe and fittings conforming to the following specifications or the latest editions thereto:

- Polyvinyl Chloride (PVC) pipe manufactured in accordance with ANSI/AWWA C900-97 and C905-97
- Polyvinyl Chloride (PVC) push-on fittings manufactured in accordance with ANSI/AWWA C900-97 and C905-97 (Tracer wire shall be installed with PVC watermain for future locating.)

2.3.5 Gate valve materials shall be in accordance with AWWA C500 or AWWA C509 for resilient seated gate valve, or the latest edition thereto.

2.3.6 Fire hydrant materials shall be in accordance with Section 4 of AWWA C502, or the latest edition thereto.

2.3.7 Copper tubing shall be Type "K", soft temper for underground service, conforming to standards of the American Society for Testing and Materials (ASTM) B-88 and B251, or the latest edition thereto.

#### 2.4 APPLICATIONS FOR IEPA CONSTRUCTION PERMIT.

At least five (5) sets of the completed Illinois Environmental Protection Agency (IEPA) application for water main extensions shall be submitted to the Village at the same time as submittal of the final engineering plans and specifications of the subdivision improvements.

## 2.5 RESIDENTIAL SERVICES.

2.5.1 Residential water and sewer services shall be constructed to connect with the utility service mains constructed within any street or thoroughfare, to serve each adjoining lot, tract or building site; such residential services shall extend from the main to a point at least 2 feet beyond the property line of the property to be served. Water services shall be a minimum 1 inch diameter type "K" copper tubing and shall include Mueller H-15000 corporation stop, Mueller H-15150 curb stop-coupling, and Mueller H-10300 service box.

2.5.2 All such residential services connected with utility mains constructed within any street or thoroughfare, shall be located at the approximate center line of each lot. All services boxes shall be adjusted to finished grade prior to acceptance by the Village.

2.5.3 Upon completion of the in-place construction of all such residential service connections with utility mains, ten copies of an accurate map or maps showing the exact locations of all such mains, together with manholes, water valves, B-boxes, and other similar facilities being a part thereof, by distances in feet from street lines, and of all such house connections in distances in feet from the side lot lines, approved by the Engineer for the Village, shall be filed in the office of the Village Clerk.

2.5.3.1 All water mains and appurtenances thereto shall be disinfected before they are put into service. The installer shall be responsible for disinfecting the mains and shall, under the supervision of the Operations Manager or his representative, take samples which are to be submitted to an IEPA Certified Laboratory for bacteriological analysis. Acceptable bacteriological tests shall be required before the water mains will be permitted to be put into service. Water mains shall be disinfected in general accordance with AWWA C651-92 Standard latest edition thereto.

2.5.3.2 Connections for extending existing water mains shall be made with a tapping tee and valve unless otherwise permitted by the Village. Work shall be so scheduled and timed as to cause the least possible interference with the operation of the existing water distribution system. Water shall not be allowed to flow from the new mains into the existing mains until the new mains have been thoroughly flushed and sterilized. Care should be taken so as not to cause turbulence in the existing mains.

2.5.3.3 As an optional procedure, the new water main shall be kept isolated from the active distribution system by physical separation until satisfactory bacteriological testing has been completed and the disinfectant water flushed out. Water required to fill the new main for hydrostatic pressure testing, disinfection, and flushing shall be supplied through a temporary connection between the distribution system and the new main. The temporary connection shall include an appropriate cross-connection control device



consistent with the degree of hazard, and shall be disconnected (physically separated) from the new main during the hydrostatic pressure test. It will be necessary to reestablish the temporary connection after completion of the hydrostatic pressure test to flush out the disinfectant water prior to final connection of the new main to the distribution system.

## 2.6 Water Meters

Water meters shall be installed on all water services as required for the particular services for connection to Village. The size of water meter shall be established upon the probable demand load. The demand load shall be based upon the number and kind of fixtures or connections installed and on the probable simultaneous use of these fixtures or connections as provided in the following table.

Probable Demand Load	Fixture Units Installed	Size of Meter
G.P.M	Totals	Minimum
20	0 to 20	1 Inch
30	15 to 30	1 Inch
50	20 to 60	1.5 Inches
75	60 to 180	2 Inches
150	180 to 500	3 Inches
200	500 to 900	4 Inches
300	900 to 1,500	5 Inches
500	By Approval of the Village only	6 Inches

All meters shall be furnished by the Village of Wonder Lake and maintained by the user. All meters furnished by the Village will include a remote reading head. The meter will be furnished at the time of application and inspected by Village staff prior to occupancy.

Water meter and remote reading head shall be installed by a qualified contractor employed by the user. The water meter shall be located in the basement or utility room or an accessible location where meter can be removed without the removal of any part of the building structure. The meter shall be installed horizontally. The meter shall not be installed in the following locations; crawl spaces, under kitchen cabinets or sinks, living rooms, under enclosed stairways, locations where meters are subject to flooding or freezing; coal bins, ventilation shafts, and electrical panels or cabinets. The location of the meter shall be not more than twenty-five feet (25') from the exterior remote reading head. The remote

reading head shall be installed on the outside of the building in a location so that said meter can be read without obstruction or entering the building or enclosure.

The metering facilities shall be installed in such a manner as to be plumb and to insure permanent attachment to a rigid, vibration free wall or structure.

Where metering equipment is installed in multiple-occupancy building, the meters and reading heads shall be labeled, tagged, or stenciled showing the location of customer served.

## 2.7 Building Service Pipe

A separate and independent water service shall be provided for each building or structure except where one (1) building is at the rear of another or an interior lot.

All costs and expenses of installation and maintenance of the building service pipe from the water main to the building shall be borne by the owner.

Whenever a leak or break occurs in the building service line between the buffalo box and the building, water service will be disconnected until repairs are made by the Owner at the discretion of the Village.

In the event of water interruption at a residence in which the Village sends a plumber to investigate and perform repairs, if necessary, if it is determined that upon inspection that the interruption is caused by a leak or break in the service line, the Owner shall be responsible for all costs associated with the repair of the service line. If the Owner does not pay the plumber for such repairs, the Village shall have the right to place a lien on the property and disconnect service. The Owner will be responsible for all disconnection costs.

In the event Village Water Department staff is dispatched to a residence after hours (normal business hours 7:00 a.m. to 3:00 p.m.) and it is determined that the water problem is not a Village water system problem, the Owner shall pay for time and materials of Village staff, a minimum of two (2) hours time.

## 2.8 Fire Service Connection

Fire service connection for fire hose connections, sprinkler system, or fire hydrants to each building up to ten thousand square feet (10,000) in area shall be provided with a separate connection to the water distribution system. Minimum size fire service line shall include a valve and vault so that said service can be shut-off for maintenance and repair. The location of the valve and vault shall be within sixty feet (60') of the water main.

No cross connection shall be allowed between a water service for fire protection system and a water service for domestic or process water system within any structure.

No meter will be required on separate fire connection service unless said service is planned to provide domestic or process water service. When common domestic and fire service is installed to any building or area compound meter shall be installed in a meter vault or the size and capacity as determined by the Village.

2.9 Repairs. No trespass shall occur to the Village Waterworks or any other municipal property for the repairs or installation of any water supply system without first obtaining written approval and permission of the Operator.

### **SECTION 3. WATER SUPPLY CONNECTIONS AND SERVICE AREA**

3.1 Water supply. At such time when the water distribution system is adjacent to any lot containing an existing residential or commercial, office or industrial building, the owner thereof shall be required to connect to such water supply within ninety (90) days and thereafter abandon use of any private water well except that a private water well may be maintained for non-potable outdoor use only. Connection shall only apply to areas in the Village of Wonder Lake FPA Service Areas or defined in the facility plan.

3.2 Connection. All such connections are subject to the specifications of the Village and approval of the Village Engineer.

3.3 In the event any work is required by the Village water company in the utility easement, the property Owner may be requested to remove trees, shrubs, structures or any impedance in order to access the site and commence work. The removed item(s) shall not be replaced.

#### **3.4 Subdivisions.**

3.4.1 Where an approved public water supply is within Fifteen Hundred Feet (1500') of any portion of any tract sought to be subdivided, the developer shall cause connection to be made thereto for such development.

3.4.2 The subdivider of land required to be connected to the municipal water supply shall, in addition to all other costs and fees, pay to the Village a connection fee as specified in Exhibit B per lot prior to plat approval by the Village to defray costs of existing facilities, maintenance and improvement thereof.

3.4.3 Where connection to an approved public water supply is so required, a subdivider shall connect with such water supply and make it available for each lot within the subdivided

area. All such construction must conform to the specifications of the Village and must be approved by the Village Engineer. Fire hydrants shall also be installed in the number and places as required by the Village.

3.4.4 The water distribution system shall be designed to be compatible with the overall distribution network of the Village. Dead-end mains shall not be permitted, unless said requirement is waived by a majority vote of the Corporate Authorities.

3.4.5 Where a water system is required by the Village Engineer with a capacity which is greater than that necessary to serve the proposed development, the Village shall establish a recapture agreement for the development, based upon the calculations of the Village Engineer.

3.4.6 The minimum size of required water distribution mains to be installed by the developer shall be eight inches within single-family developments and eight inches within multifamily, manufacturing, commercial, and industrial developments. This shall be confirmed by the Village Engineer prior to approval.

3.4.7 Water taps shall be made by bringing the water service to the property line of each lot or each potential building location to serve all properties within the development, all prior to the completion of street surfacing.

3.4.8 One-inch water taps shall be provided for all single-family detached dwelling and two-family dwelling developments.

3.4.9 The size of water taps within multifamily, manufacturing, industrial and commercial developments shall be determined by the Village Engineer.

3.5 Service may be extended to other properties on the following conditions:

3.5.1 Design regard for future extensions of service;

3.5.2 Ability of Waterworks to supply proposed increase use;

3.5.3 Conditions as may be reasonably imposed by the Board of Trustees or the Village Engineer.

3.6 No private waterworks system intended to serve more than one dwelling, building or structure shall be employed within 1500 yards of any parcel or tract served by the Village Waterworks System, unless approved by the Village of Wonder Lake Board of Trustees.

## SECTION 4. WATER USAGE RATES

4.1 There shall be and there are hereby established charges for the use of the Municipal Waterworks based on the amount of water consumed, as measured by water meters at the rate as specified in Exhibit B per thousand gallons.

4.2 Whenever, for any cause, a meter fails to operate or no measurement of the flow is available, or a meter was not or could not be read during normal route of reader, an estimate may be made by the Operator or his designee of the amount of water supplied since the immediately previous reading and the user shall pay usage charges based on the estimated amount of water supplied.

4.3 A minimum monthly charge as specified in Exhibit B shall be charged on each meter but this minimum charge shall not be in addition to the user charges otherwise assessed.

4.4 Charges for use of the Municipal Waterworks set forth in paragraph 4.1 shall be adjusted January 1 of every year on the basis of a Cost of Living Adjustment (COLA) by such percentage as the Cost of Living may have increased during the previous year. Such Cost of Living adjustment shall commence January 1, 2013.

## SECTION 5. MUNICIPAL WATER SERVICE CHARGES

5.1 General: Water Service Charges. The water service charges are for the Villages provision of water services and for furnishing an adequate capacity of water supply, storage, major distribution, and materials for extending, connecting, expanding, or replacing of the Municipal Waterworks in order to serve the applicant's lot, parcel or tract of land.

5.2 Turn-On and Shut-Off Service Charge. For the service of turning on and shutting off any water service, which is delinquent, change, enlargement, decreasing, or discontinuation of service, a charge shall be paid as specified in Exhibit B.

5.3 Meter Charges. All meters and remote reading heads installed in municipal or private systems shall be furnished by the Village, upon application to the Village Clerk and upon the payment of the greater of 125% of the cost of such item.

5.4 Installation Charges. All cost of installing piping, valves, boxes, meters and remote reading heads and the like shall be at the sole expense of the customer.

5.5 Waterworks Connection Charge (Tap). For the privilege of connecting to the Municipal Waterworks, a fee shall be paid to the Village prior to the connection of each building service pipe, as specified in Exhibit B.

5.6 Inspection. All installations and connections shall be inspected by the Village and an inspection fee per connection shall be paid before water service is provided or permitted as specified in Exhibit B.

## **SECTION 6. GENERAL BILLING AND ACCOUNTING PROVISIONS**

6.1 Billing. Bills will be rendered on a monthly basis.

6.2 Responsible Party. The owner of the premises, the occupant thereof, and the user of the service shall be jointly and severally liable to pay for the water service furnished to the premises.

6.3 Due Date. All water bills are due and payable twenty (20) days after the billing date.

6.4 Late Charge. A late charge of 10% shall be added to all bills paid twenty (20) days or more after the billing date for each month said bill, or any part thereof, is not fully paid, as specified in Exhibit B.

6.5 Delinquent Bills. If the charges for such water services are not paid within sixty (60) days from the billing date, such services may be discontinued without further notice and shall not be reinstated until all claims are settled. The Department of Health shall be notified to tag the property as unfit for habitation.

6.6 Lien Notice of Delinquency. Whenever a bill for water service remains unpaid for sixty (60) days after its due date, the Village Treasurer may file with the County Recorder of Deeds a Statement of Lien Claim. This Statement shall contain the legal description of the premises served, the amount of the unpaid bill, and a notice that the Village claims a lien for this amount as well as for all charges subsequent to the period covered by the bill.

6.7 Foreclosure of Lien. Property subject to a lien for unpaid charges shall be sold for non-payment of the same in accordance with state law. Proceeds of the sale shall be applied to pay the charges, after deducting costs, and attorney fees incurred by the Village.

6.8 Revenues. All revenues and moneys derived from or incident to the operation of the Municipal Waterworks shall be paid and held by the Village Treasurer separate and apart from all other funds of the Village.

6.9 Accounts. The Village Treasurer shall establish a proper system of accounts and shall keep proper books, records, and accounts in which complete and correct entries shall be made of all transactions relative to the Municipal Waterworks, and each fiscal year the Water Fund shall be audited by an independent Certified Public Accountant.

## **SECTION 7. OPERATION AND MAINTENANCE OPERATOR**

7.1 Appointment. The Operation and Maintenance Operator shall be appointed by the Village President with the consent of the Village Board and may be removed by the Village President.

7.2 Qualifications. The Operator shall possess the following minimum qualifications: Class "B" IEPA Water Operations Certificate.

7.3 Insurance. The Operator shall maintain with an approved company licensed in the State of Illinois the following insurance:

7.3.1 Workers compensation insurance as required by the State of Illinois.

7.3.2 Comprehensive general liability in an amount not less than \$1,000,000 each occurrence and \$1,000,000 aggregate.

7.3.3 Professional liability insurance not less than \$1,000,000.

7.4 Contract. The Operator shall be employed as an independent contractor bound by a written contract executed by the Village and the Operator, as prepared by the Village Attorney.

7.5 Duties. The duties of the Operator shall be specified by the contract.

## **SECTION 8. PENALTIES**

8.1 Any person, firm or corporation violating any provision of this Ordinance shall be fined not less than Twenty-Five Dollars (\$25.00) nor more than Five Hundred Dollars (\$500.00) for each offense. Any person, firm or corporation who violates any provision of this Ordinance is guilty of a separate offense for each day or part of a day during which the violation is committed, continued or permitted.

## **SECTION 9. PRIVATE WATERWORKS SYSTEMS COMPLIANCE**

9.1 Compliance. Private waterworks systems shall comply with and be subject to the terms of this Ordinance as it relates to design standards, requirements, improvements, repairs, penalties, inspections and service area and all amendments pertaining thereto.

9.2 Permit. All private waterworks systems shall, prior to installation, obtain a construction permit, the fee for which shall be as specified in Exhibit B, plus additional fees as specified in Exhibit B for each user connection, in addition to the inspection fee provided for in Exhibit B hereof.

9.3 Final Inspection. No private waterworks system shall be employed until same has been inspected by the Village for its conformity with this Ordinance.

9.4 Potable Water. Each private waterworks system shall conform to the standards of health and clean water as may from time to time be determined by the Village, McHenry County Health Department, the Illinois Department of Public Health and the IEPA.

## **SECTION 10. SPRINKLER AND WATER USE**

10.1 Water conservation and rationing of water supply from the Village water systems will be in effect whenever the Village declares that the water supply or capacity of the Village Water System to deliver potable water is limited or in jeopardy of being unable to meet ordinary and usual supply demands.

10.2 During periods of conservation and rationing, the terms and conditions of which may be set by the Board of Trustees by resolution from time to time, no person shall use water to sprinkle a lawn nor use water through a hose to water any grass, garden, tree or shrub, nor shall any water be used from a hose to wash automobiles or fill swimming pools. See Village of Wonder Lake Ordinance No. 348.

10.3 No unauthorized person may tamper with, open, or operate any fire hydrant within the Village limits.

10.4 Notice of the practice of water conservation and rationing shall be posted at the roadway entrances to areas of the Village served by the waterworks system.

## **SECTION 11. BACKFLOW DEVICE REQUIREMENTS-CROSS CONNECTION PROHIBITED**

11.1 Purpose. To provide an effective means for protecting the public water supply system from contamination due to backflow of contamination through the customer water connection into the public water system.

11.2 All plumbing installed within the Village shall be installed in accordance with the Illinois Plumbing Code, 77 Ill. Adm. Code 890. If in accordance with the Illinois Plumbing Code or in the judgment of the Operator, an approved backflow prevention device is necessary for the safety of the public water supply system, the Operator will give notice to the water customer to install such an approved device immediately. The water customer shall, at his own expense, install such an approved device at a location and in a manner in accordance with the Illinois Plumbing Code, Illinois Environmental Protection Agency and all applicable local regulations, and shall have inspections and tests made of such approved devices upon installation and as required by the Illinois Plumbing Code, Illinois Environmental Protection Agency and local regulations.



11.3 No person, firm or corporation shall establish or permit to be established or maintain or permit to be maintained any connection whereby a private, auxiliary or emergency water supply other than the regular public water supply of the Village, may enter the supply or distribution system of the Village, unless such private, auxiliary or emergency water supply and the method of connection and use of such supply shall have been approved by the Operator and the Illinois Environmental Protection Agency.

11.4 It shall be the duty of the Operator to cause surveys and investigations to be made of industrial and other properties served by the municipal water system to determine whether actual or potential hazards to the public water supply may exist. Such surveys and investigations shall be made a matter of public record and shall be repeated at least every two years, or as often as the Operator shall deem necessary. Records of such surveys shall be maintained and available for review for a period of at least five years.

11.5 The approved cross-connection control device inspector designated by the Operator and the Village shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system of the Municipal Water System for the purpose of verifying the presence or absence of cross-connections, and that the Operator or his authorized agent shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system of the Municipal Water System for the purpose of verifying information submitted by the customer regarding the required cross-connection control inspection. On demand the owner, lessees or occupants of any property so served shall furnish to the Operator any information which he may request regarding the piping system or systems or water use on such property. The refusal of such information, when demanded, shall, within the discretion of the Operator, be deemed evidence of the presence of improper connections as provided in this ordinance.

11.6 The Operator of the Municipal Water System is hereby authorized and directed to discontinue, after reasonable notice to the occupant thereof, the water service to any property wherein any connection in violation of the provisions of this ordinance is known to exist, and to take such other precautionary measures as he may deem necessary to eliminate any danger of contamination of the public water supply distribution mains. Water service to such property shall not be restored until such conditions have been eliminated or corrected in compliance with the provisions of this Ordinance, and until a reconnection fee of \$1000 is paid to the Village. Immediate disconnection with verbal notice can be effected when the Operations Manager is assured that imminent danger of harmful contamination of the public water supply system exists. Such action shall be followed by written notification of the cause of disconnection. Immediate disconnection without notice to any party, can be effected to prevent actual or anticipated contamination or pollution of the public water supply, provided that, in the reasonable opinion of the Operator or the Illinois Environmental Protection Agency, such action is required to prevent actual or potential contamination or pollution of the public water supply. Neither the Municipal Water System, the Operator, or its agents or assigns shall be liable to any customer for any injury, damages or lost

revenues which may result from termination of said customer's water supply in accordance with the terms of this Ordinance, whether or not said termination was with or without notice.

11.7 The consumer responsible for backsiphoned or back pressured material or contamination through backflow, if contamination of the potable Municipal Water System occurs through an illegal cross-connection or an improperly installed, maintained or repaired device, or a device which has been bypassed, must bear the cost of clean-up of the potable Municipal Water System.

11.8 The Village may adopt rules and regulations in connection with this Section 11 from time to time.

**SECTION 12.** The Highland Shores, Wonder Lake and Northern Illinois Utilities water systems were private water companies acquired by the Village of Wonder Lake. These systems do not meet the standards and specifications contained in this ordinance. These systems will continue to be operated in their present conditions, subject to necessary repairs and maintenance, until such time as the systems are replaced. At such time as these systems are to be replaced and improvements made, the improvements to the systems will be done in accordance with these standards and specifications set forth in this ordinance.

**SECTION 13.** If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

**SECTION 14.** All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 15. This Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet for (which publication is hereby authorized) as provided by law.

DATED this 2 day of November, 2011

AYES: Anderson, Learmen, Lynd, Waatz, Sullivan

NAYS: Reinhard

ABSTAIN: None

ABSENT: None

PASSED this 2 day of November, 2011.

APPROVED by me this 2 day of November, 2011.

  
\_\_\_\_\_  
PRESIDENT

ATTEST:

  
\_\_\_\_\_  
VILLAGE CLERK

VILLAGE OF WONDER LAKE

CERTIFICATION

I, JO-ELLEN McINTOSH, certify that I am the Village Clerk of the VILLAGE OF WONDER LAKE, McHenry County, Illinois.

I further certify that on November 2, 2011, the Corporate Authorities of such municipality passed and approved Ordinance No. 350, entitled VILLAGE OF WONDER LAKE (MUNICIPAL POTABLE WATER SYSTEM), a true and correct copy of which Ordinance is attached hereto.

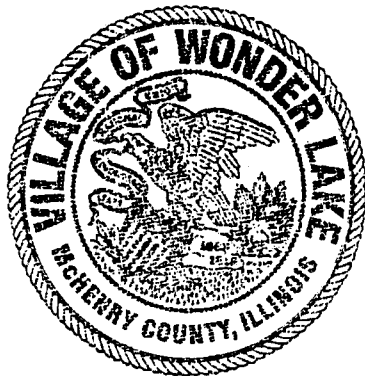
Ordinance No. 350, including the Ordinance and a cover sheet thereof, was published in pamphlet form, and a copy of such Ordinance was posted in the Village Hall, commencing on November 2, 2011 and continuing for at least ten (10) days thereafter. Copies of such Ordinance were also available for public inspection upon request in the office of the Village Clerk.

I further certify that I recorded the attached Ordinance in a book used exclusively for such purposes in accordance with Illinois Compiled Statutes, 65 ILCS 5/1-2-5, on November 2, 2011.

Dated at Wonder Lake, Illinois this 2 day of November, 2011.

Jo-ellen McIntosh  
VILLAGE CLERK

(SEAL)



**EXHIBIT A**

**VILLAGE POTABLE WATER AREA NO.1**

Woods Creek System  
Highland Shores System  
Wonder Lake System  
Northern Illinois Utilities System  
Meadows of West Bay System

EXHIBIT B

**WATER USAGE RATES**

Water Usage Rate: \$5.72 per 1,000 gallons

Minimum bill Amount: 7,000 gallons or \$40.00 per month plus cost of living increase yearly January 1 of each year

Connection Fee:

1" Residential Service: \$3,500.00

Greater than 1" Service: to be calculated by Water Department

Late Fee (past 20 days): 10% of billing amount

Permit Fee: \$100.00

Inspection Fee: \$50.00

Deposit for Service: \$35.00

Turn on and Shut off Service Charge: \$50.00