



Secondary Water Meter/Reader Application

RESIDENTIAL

IRRIGATION USE - RESIDENTIAL

The undersigned hereby applies for permission from the City of Saline to purchase and install a City approved/owned secondary water meter for irrigation purposes only.

Upon submitting/approval of application, the **property owner** agrees to the following:

- The applicant is the current owner of the property listed below.
- The property listed below will be the permanent location of the water meter/remote reader.
- The water meter and remote reader are owned by the City of Saline.
- The installation plans be approved by the City's Building Inspector by obtaining a plumbing permit at the Saline Building Department.
- The property owner shall pay a fee, depending on size, in advance or when the permit is obtained. Such payment does not transfer ownership of the water meter and/or remote reader from the City.
- The City shall supply both the water meter and remote reader to the applicant.
- The installation of the water meter/reader shall be in accordance with current City of Saline Standard Specifications.
- The property owner is responsible for all fees upon submittal/approval of application.
- The meter shall be installed at the expense of the property owner. The remote reader shall be installed by the City of Saline.
- Irrigation plumbing shall be installed between the regular meter service and the water main such that the meter will measure only the water used for exterior purposes (*see attached typical installation diagram*).
- The property owner is responsible for contacting the Department of Public Works (DPW) to have the remote reader installed. Failure to contact the DPW to install the remote reader could result in additional fines, fees and/or charges to the property owner.
- Final inspection and approval of irrigation system requires submitting a copy of the backflow preventer test report by a State of Michigan certified tester for all testable devices.
- All testable backflow prevention devices shall be tested at the time of installation, immediately after repairs or relocation, and on an annual basis thereafter. The property owner is responsible for all costs associated with testing (initial and future). All test reports shall be submitted to the City.
- The meter/reader shall be used to measure water for irrigation purposes only.
- Any water that is disbursed through the meter shall not be discharged into the City sanitary sewer system, directly or indirectly.
- The meter/reader shall be made available for City inspection at all reasonable times.
- Failure to permit entry to inspect or repair the meter and/or reader will result in water shut off and additional fines/charges.
- The property owner will be charged for all water measured by the meter/reader. The property owner will not be charged an additional readiness to serve fee.
- Charges will not include sanitary sewer charges.
- The property owner will be responsible for sanitary sewer charges if the City determines that water from the meter is discharged, directly or indirectly, into the City sanitary sewer.

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- All maintenance of the meter/reader will be performed only by the City of Saline.
- Any City-owned water meter/reader will not be removed, replaced, tampered with, disconnected, disassembled, or damaged by any individual other than the City of Saline.
- The property owner will be responsible for any fines, fees and/or replacement charges resulting from removing, tampering with, replacing, disconnecting, disassembling or damaging any City-owned meter/reader.
- If any water meter/reader becomes disconnected, damaged, tampered with, removed, or disabled, the property owner agrees to contact the Department of Public Works (DPW) as soon as possible to inspect/repair.
- During seasonal blow-out of the irrigation system, the property owner agrees to take necessary precautions, such as closing the inside valve, to avoid air being forced into the City water main.
- Failure to take necessary precautions resulting in disruption or damage to City owned property may result in additional charges. Such charges will be the responsible to the property owner.

Requested by:

Name

Address

Phone # _____

Address of new meter if different from above

Meter Size Requested _____

Signature

Date

Approved by:

City Manager

Date

**Meter Installation/Plumbing Inspected
Approved:**

Building Department Official

Department of Public Works

Input on Water Billing System:



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IRRIGATION METER SET FEE SCHEDULE

Effective: March 5, 2013

Prices listed below are Irrigation Meter Set Fees ONLY

<u>Meter Type / Size</u>	<u>Backflow Preventer</u>	<u>Meter Set Fee</u>
Disc Meter		
3/4"	Included.....	\$350.00
1"	Included.....	\$425.00
1-1/2"	Included.....	\$1,225.00
2"	Included.....	\$1,000.00
Turbine Meter		
1-1/2"	Included.....	\$1,325.00
2"	Included.....	\$1,400.00
3"	* <i>Additional Cost</i>	\$2,425.00 + * <i>BPC</i>
4"	* <i>Additional Cost</i>	\$3,150.00 + * <i>BPC</i>
6"	* <i>Additional Cost</i>	\$4,700.00 + * <i>BPC</i>
8"	* <i>Additional Cost</i>	\$7,425.00 + * <i>BPC</i>



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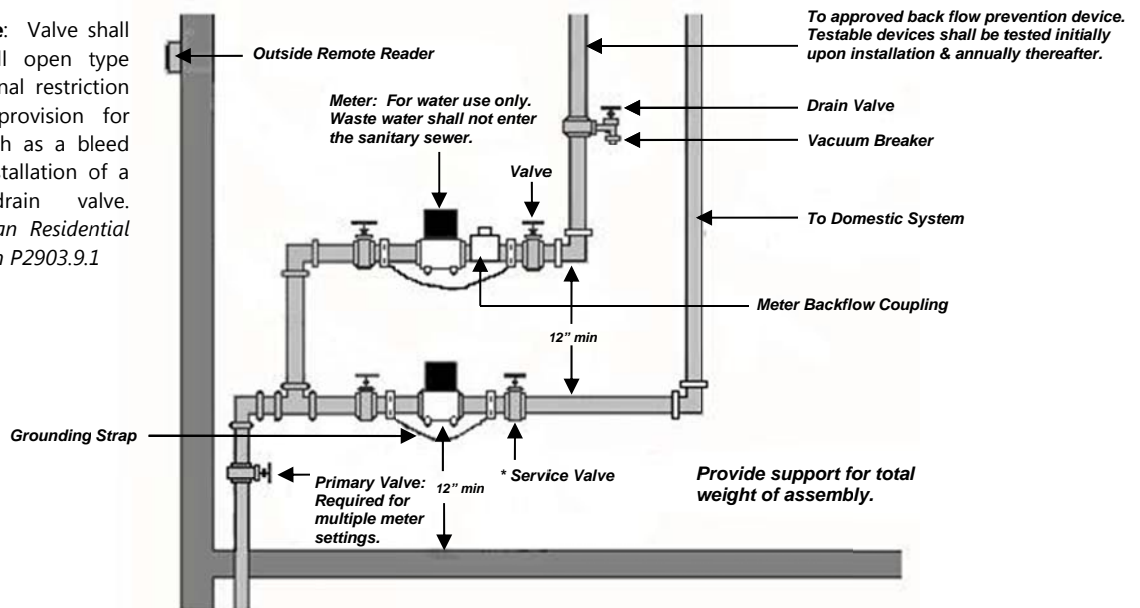
RESIDENTIAL

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Typical Residential Water Use Only Meter Installation:

- I. Meter assemblies shall be within five feet (5') of the service lines point of entry at the structure footing or wall.
- II. Meter shall have a grounding strap.
- III. Meter shall have full flow valves within twenty-four inches (24") before and after each meter for servicing.
- IV. No plastic, asbestos or galvanized connections, fittings, etc. allowed before and/or with the meter assembly.
- V. Plumbing and/or piping shall be a minimum of six inches (6") clear of any wall or object that may interfere with the meter connection.
- VI. Meter shall be installed in the correct horizontal position. Alternate positioning of the meter will not be acceptable.
- VII. Final inspection shall be performed by the City of Saline Building Department which will include submitting a copy of the backflow preventer test report by a State of Michigan certified tester for all testable devices.

* **Service Valve:** Valve shall be of a full open type having nominal restriction flow, with provision for drainage such as a bleed orifice or installation of a separate drain valve. 2003 Michigan Residential Code. Section P2903.9.1





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Installation Procedures

1. Submit application packet to the City of Saline Building Department.
2. Submit required payment(s) associated with irrigation meter/reader;
3. Obtain plumbing permit prior to installation of irrigation meter;
4. Install irrigation meter according to the City of Saline specifications.
5. After installation, contact the Department of Public Works (DPW) to arrange to have the remote reader installed. *Please note that the DPW will need access to the water meter, located within the house, in order to complete installation of the remote reader.*
6. Contact a State of Michigan certified backflow preventer tester to perform test;
7. Provide copy of initial test report to the Building Department prior to final inspection.
8. Contact the Building Department to arrange for final inspection and approval.

City of Saline - Building Dept.

100 North Harris Street

Saline, MI 48176

Phone: (734) 429-8296

City of Saline - Dept. of Public Works (DPW)

1234 Tefft Court

Saline, MI 48176

Phone: (734) 429-5624



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BACKFLOW PREVENTER GUIDELINES

Chapter 29

WATER SUPPLY AND DISTRIBUTION

SECTION P2902

PROTECTION OF POTABLE WATER SUPPLY

P2902.1 General. A potable water supply system shall be designed and installed in such a manner as to prevent contamination from non-potable liquids, solids or gases being introduced in to the potable water supply. Connections shall not be made to a potable water supply in a manner that could contaminate the water supply or provide a cross-connection between the supply and source of contamination unless an approved backflow prevention device is provided. Cross-connections between an individual water supply and a potable public water supply shall be prohibited.

2009 MICHIGAN RESIDENTIAL CODE



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Local Plumbing Companies

The City highly recommends that the property owner contact several companies before choosing which one to use. There are many other State Certified Backflow Preventer testers in this area.

Below is a partial list of local plumbing companies that may be contacted.

The list of companies provided below is only for the purpose of convenience.

Services and/or products of any kind, provided by the companies listed below, are NOT in any way endorsed, recommended, or approved by the City of Saline, City of Saline Official or Employee.

Associated Plumbing & Sewer	Ann Arbor	(734) 663-0055
Altech Mechanical Service	Ann Arbor	(734) 669-6100
Boone & Darr, Inc.	Ann Arbor	(734) 665-0648
Booth Plumbing & Heating	Ann Arbor	(734) 663-6643
Don's Plumbing & Heating	Whitmore Lake	(734) 449-8643
Fel-Kran Plumbing & Heating	Ann Arbor	(734) 665-4494
Flow Free Sewer & Drains	Livonia	(734) 776-4796
George F. Wilbur, Inc.	Ypsilanti	(734) 483-6810
Gerald T. Fraker Co.	Dexter	(734) 426-8347
Haley Mechanical	Dexter	(734) 424-9170
H2O Compliance Services	Owosso	(866) 328-7727
Hutzl Plumbing & Heating	Ann Arbor	(734) 665-9111
Ja Bo, Inc. dba Roto Rooter	Ypsilanti	(734) 973-9194
Jamnack Plumbing & Heating	Ypsilanti	(734) 434-4023
John E. Green Co.	Ann Arbor	(734) 747-8820
Ken Cook's Plumbing & Heating	Ann Arbor	(734) 971-0304
Master Craft Plumbing, Inc.	Whitmore	(734) 426-5246
Shasta Plumbing	Ann Arbor	(734) 665-6433
Olde Towne Plumbing Co.	Ann Arbor	(734) 665-0088
Andrew Etchen Plumber's Service, Inc.	Redford Twp.	(313) 794-2609
Don Hobkirk	Saline	(734) 944-6890

CITY OF SALINE

OWNER:				
ADDRESS:				
CITY:		STATE:		ZIP
TEST DATE:		TYPE:		SIZE:
MANUFACTURER:		MODEL:		SERIAL NO.:
LOCATION OF DEVICE:				
LINE PRESSURE ____ PSI	1 ST SHUT OFF C___ L___ / 2 ND SHUT OFF C___ L___ REDUCED PRESSURE PRINCIPLE ASSEMBLY			PRESSURE VACUUM BREAKER
	<u>DOUBLE CHECK VALVE ASSEMBLY</u>			
INITIAL TEST	1 ST CHECK C___ L___ PSID _____	2 ND CHECK C___ L___ PSID _____ CONFIRM _____	RELIEF O___ M___ PSID _____ CONFIRM _____	AIR INLET O___ M___ PSID _____ CHECK C___ L___ PSID _____
	DISK C___ R___ SPRING C___ R___ GUIDE C___ R___ PIN RET C___ R___ HNGD PIN C___ R___ DISPATCH C___ R___ DIAPH C___ R___ OTHER C___ R___	DISK C___ R___ SPRING C___ R___ GUIDE C___ R___ PIN RET C___ R___ HNGD PIN C___ R___ DISPATCH C___ R___ DIAPH C___ R___ OTHER C___ R___	DISK C___ R___ SPRING C___ R___ GUIDE C___ R___ PIN RET C___ R___ HNGD PIN C___ R___ DISPATCH C___ R___ DIAPH C___ R___ OTHER C___ R___	VENT DISK C___ R___ VENT SPRING C___ R___ POPPET C___ R___ RETAINER C___ R___ SPRING C___ R___ DISC. C___ R___ GUIDE C___ R___ OTHER C___ R___
FINAL TEST	1 ST CHECK C___ L___ PSID _____	2 ND CHECK C___ L___ PSID _____ CONFIRM _____	RELIEF O___ M___ PSID _____	AIR INLET O___ M___ PSID _____ CHECK C___ L___ PSID _____
PASS _____	NOTES:			
CERTIFICATION: _____				
TEST TYPE: _____		GAUGE NO.: _____		TESTING FIRM: _____
TESTER SIGNATURE: _____		TESTER CERTIFICATION NO.: _____		