

What is a Residential Irrigation Meter?

WATER RESTRICTIONS ARE STILL REQUIRED FOR ALL TYPES OF IRRIGATION

“**RESIDENTIAL IRRIGATION METERS**” are installed to separately account for the water used for irrigation. Water registered on this meter is not assessed a sewer charge.

RESIDENTIAL **POTABLE** IRRIGATION METER installation does not require an additional tap to the water main. The irrigation meter may be connected to the same service line that your house meter is on. Since there is no additional flow capacity, the irrigation meter cannot be larger than the existing service. There is a separate cut off valve for each meter so that one can be turned off independently of the other.

RESIDENTIAL **RECLAIM** IRRIGATION METER installation will be placed on the opposite side of the property from your house meter.

All Residential Irrigation Meter installation charges are:

- ¾ inch Potable Meter - \$265.00
- 1 inch Reclaim Meter - \$309.00
- Deposit - \$45.00
- Permit Fee - \$52.00

This Charge DOES NOT include the following:

- Backflow Prevention Device (BFP).
- Installation of the BFP.
- Initial testing of BFP by Seminole County Approved Tester (Approved Tester list attached).
- Building Permit (407-665-7050).
- Annual Testing of the BFP after initial test.
- Maintenance and repair of the BFP.
- Connection of the irrigation system to this meter.
- Monthly based meter fee of \$12.51 for potable and 5.22 for reclaimed, applicable volumetric charges and taxes.

To initiate a Residential Irrigation Meter installation, please visit the Seminole County Building Division at 1101 East First Street, Sanford; or telephone directly at (407)665-7050.

POLICIES FOR NEW RESIDENTIAL IRRIGATION CONNECTIONS

The Building Department will collect all applicable irrigation fees and charges. A separate permit application and appropriate inspection fee must be submitted to the Seminole County Building Department for the installation of the irrigation system itself and the installation of the backflow prevention device.

Water & Wastewater Operations will issue a work order for the installation of the meter.

Water & Wastewater Operations field personnel will install and LOCK the meter.

In cases where the installation of the new meter is not possible, field personnel will return the work order stating the reason for denial of connection. The Water & Wastewater Operations division will promptly notify the customer and refund the fees collected.

It will be the customer's responsibility to have the backflow prevention device installed and the irrigation lines tied to the metered service.

For Potable Irrigation Meter installation, after installation of the meter and backflow device the customer will contact the Seminole County Building Department to schedule inspections of the backflow device and cross-connection. After successful inspection, the meter will be unlocked and the meter will be turned on. **(48 HOURS NOTICE REQUIRED)** For Reclaimed Irrigation Meters, a second inspection is required by Water & Wastewater Operations personnel. Contact 407-665-2842 to schedule reclaimed inspection.

IMPORTANT MISCELLANEOUS NOTES

- No irrigation meter will be installed until all fees have been satisfied.
- All irrigation systems connected to potable water must have an approved backflow prevention device installed. The device must be installed according to the Seminole County Standards, and must be approved by inspection prior to turning water on to system at the meter.

Approved devices are:

- 1) **Reduced Pressure Principal Backflow Preventer (RP):** conforming to ASSE 1013, AWWA C511, or CSA CAN/CSA-B64.4. A reduced pressure **(RP)** device must be installed at least 12" above grade.
 - 2) **Pressure Vacuum Breaker (PVB):** conforming to ASSE 1020, or CSA B64.1.2. A **(PVB)** must be installed at least 12" above highest sprinkler head, up to a maximum height of 36" above grade. Note: Systems that would require a **(PVB)** to be installed higher than 36" above grade must have a Reduced Pressure **(RP)** device installed in lieu of the **(PVB)**.
- When a hose bibb is installed between the meter and the backflow, or on the downstream side of a **(PVB)**, a Hose Bibb Vacuum Breaker is required to be installed on the hose bibb threads.
 - The backflow prevention device must be installed immediately after the water meter and before the irrigation system.
 - The minimum of an **(RP)** device must be used, where a booster pump is installed on the service (house) side of the backflow prevention device.
 - Need to protect any potable water source from contamination (well, county, etc.). If the source of potable water is Seminole County utilities an **(RP)** is required to protect the potable system from a non-potable source such as a well.
 - Irrigation heads need to be located a minimum of 12" from structure.
 - Plastic piping supplying the backflow must be protected from ultraviolet light (sunlight). By means of an approved paint or an insulation.
 - Florida Statutes require a rain sensor to be installed on all automatic irrigation systems. The Rain Sensor must be located in an area where it can receive rain from all sides, 360 degrees. Note: Keep in mind 2nd story walls. Rain Sensors must also be secured to a permanent structure, such as fascia of a house or building.

Certified Backflow Prevention Assembly Testers

January 8, 2010

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This list contains names of testers certified to test BFPAs. Seminole County is not responsible for the activities of the persons or businesses contained on this list; this list is provided only as an aide to the customer.

Business Name	Tester	Expires	Phone	City	Certifications / Licenses	
					<input checked="" type="checkbox"/>	<input type="checkbox"/>
Holloway Plumbing Co.	Holloway, Michael	07/31/10	407-291-9363	Orlando	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Internal Fire Protection	Lyon, Andrew	01/31/10	407-467-3930	DeBary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Jim's Plumbing and Irrigation	Marshall, John	11/30/11	407-679-4173	Orlando	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Joel Clark Certified Backflow	Clark, Joel	11/30/11	407-383-5632	Apopka	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mid-State Plumbing	Walker, Ron	11/30/10	407-841-4500	Orlando	<input checked="" type="checkbox"/>	<input type="checkbox"/>
North Florida Fire Protection	Hampson, James	12/31/10	386-738-3473	Deland	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
REW Landscape Corp	Fella, Dwight	01/31/11	407-328-9425	Sanford	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RLC Landscaping & Irrigation	Walls, John	03/31/11	407-366-5629	Longwood	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rainaldi Plumbing Co	Daly, William	07/31/10	407-282-2900	Orlando	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reliable Rate	Menkel, Walter	06/30/10	407-834-1667	Longwood	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reliance Plumbing	Scharf, Gary	07/31/10	407-831-4459	Orlando	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Roger's Irrigation	Mobley, Roger	12/05/10	407-699-1705	Longwood	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sprinkler Repair Inc	Morgan, James	07/31/10	407-359-1619	Winter Springs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sutter Irrigation	Donaldson, Roger	02/28/10	407-323-4713	Lake Mary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TS&C	Smith, Scott	02/21/10	321-228-7067	Longwood	<input checked="" type="checkbox"/>	<input type="checkbox"/>
United Fire Protection	Long, Jeffry	07/31/11	407-830-7000	Casselberry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wiginton Fire Systems	Rodriquez, Jose	04/03/11	407-585-3274	Sanford	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
24/7 Construction Plumbing Scv	Carver, Joel	03/31/11	407-677-1911	Winter Park	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4-H Plumbing	Smith, Josh	12/31/10	407-298-5550	Orlando	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A-1 Backflow	Hobbs, John	03/03/11	407-656-5869	Ocoee	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A.A. Alan Plumbing Inc.	Putz, Dave	02/28/11	407-332-5262	Longwood	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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AAA Backflow R US	Moufid, Khalid	07/31/11	407-461-5643	Winter Park	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AAA Backflow Service	Bogle, Ken	05/31/11	407-782-1003	Zellwood	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ace Flow Control	Humberg, Theo	07/31/11	407-574-7208	Longwood	<input checked="" type="checkbox"/>	<input type="checkbox"/>