

PROCEDURES FOR CONNECTING TO RECLAIMED WATER:

STEP 1. Public Information Requirements:

This information is given as a packet, and is mandatory for the property owner, resident if the premises is rented, management company or association. This packet is to explain the system and answer any questions you may have, prior to connecting to the City's reclaimed water system.

By reviewing this packet in no way obligates you to connect to the City's system.

STEP 2. Application / Permit

The application form is mandatory and available at the City of Rockledge Wastewater Treatment/Water Reclamation Facility, 1700 Jack Oates Blvd., Rockledge, FL.

1. The top section of the application is to be filled out by the property owner, resident if the premises is rented, management company or association and returned to City of Rockledge Wastewater Treatment/Water Reclamation Facility, 1700 Jack Oates Blvd., Rockledge, FL along with the appropriate connection fee made payable to CITY OF ROCKLEDGE, listed under SEC. 17-51 of the Rockledge Code of Ordinance. (CHECK OR MONEY ORDER ONLY)
2. After the application has been reviewed and approved, a permit will be issued, at that time connection to the City's reclaimed water system may be made.

By signing this application, (1) permission is granted to inspect the irrigation system on the property at any reasonable time that the City deems necessary, (2) a hold harmless agreement is established.

NOTE: It is the responsibility of the owner, management company or association to inform the residents of the reclaimed water and the CITY's requirements upon the premises. Where a transfer of the signatory of the application/permit is made. This department shall be notified of such transfer.

STEP 3. Connection to Reclaimed Water:

For connection into the City's reclaimed water system, the following is required:

A

1. An in-ground irrigation system for land application.
2. The retrofitting of an existing system.
3. The installation of a new sprinkler system.
4. The installation of a backflow prevention device. (See Step 5 – Backflow Device Installation)

The Above can be done by the owner, resident, management or association having control of such property.

NOTE: Irrigation systems must be designed so that spray does not go into street, swimming pool, public sidewalk or etc. areas during normal use periods. Keep irrigation contained to your property.

B.

A hand control valve must be installed and be accessible on the users side of service as close to the City's curbstop valve (City's service line) as possible. This valve is for your convenience, and is to shut off the reclaimed water supply to your sprinkler system, in the event of a down stream break. The hand control valve may be installed in the City's service box if there is adequate room.

NOTE: The City's curbstop valve (City's supply line valve) is to be opened or closed by City personnel only. The installer must contact the City's Water Reclamation Division to turn the system on and off during or after construction to flush or pressure check the system.

RECOMMENDATIONS FOR IRRIGATION INSTALLATION:

Components and material for your system should be compatible with pressures up to 100 psi. The recommended piping is schedule 40 (pvc) pipe. Avoid mist heads due to vaporization at this pressure. In-ground pop-up water droplet heads are recommended. However, if your existing system presently has mist heads, you may install Pressure Compensating Screens, which will eliminate fogging caused by high pressure. The recommended water cycle is three (3) times a week, mornings or evenings. Therefore, a timer and zone system is an important part of your irrigation system. However, hand control valves for zoning is acceptable.

Where new lines are installed, other than the main supply line to the sprinkler system, it is recommended that these lines be marked as RECLAIMED WATER by the use of the color purple/lavender manufactured tape or paint to prevent Cross Connections. However, it is mandatory that piping and outlets conveying nonpotable water be adequately and durably identified by a distinctive color purple/lavender for reclaimed and yellow for other nonpotable water supplies so that it is readily distinguished from piping carrying potable water, per State Mandated Standard Plumbing Code, 605.1 – 1994 Edition.

STEP 4. Connection Fees and Usage Charges:

The connection fees must be made payable to CITY OF ROCKLEDGE, depending on the line size at the property, and delivered to Rockledge Wastewater Treatment/Water Reclamation Facility, 1700 Jack Oates Blvd., Rockledge, FL 32955.

This is a one time fee for connecting into the City’s reclaimed water system and payable prior to application review and permitting.

A. CONNECTION CHARGES:

The following connection charges to the water reclamation system are based on the size of the water reclamation service, as determined by the Director of the Wastewater Treatment/Water Reclamation Facility. The customer shall be responsible for any charges to the installation of required back-flow prevention devices.

RECLAIMED WATER SERVICE SIZE	CONNECTION FEES
¾ inch	\$500.00
1 inch	\$600.00
1 ½ inch	\$750.00
2 inch	\$1,000.00

All reclaimed water connections larger than two inches (2”) will be based on consumption and determined by the Director of the Wastewater Treatment/Water Reclamation Department for installation cost.

B. USAGE CHARGES

The following rates shall be charged to the customer of the water reclamation system in accordance with the following schedule:

1. For non-metered service, one acre in size or smaller, the monthly charge shall be ten collars (\$10.00) per month.

2. For non-metered service, larger than one acre, an additional two dollars (\$2.00) per month for each additional one-half (1/2) , acre, or portion thereof, shall be added t the monthly fee for the first acre.
3. For non-metered services for multi-units of two or more, the monthly charge shall be eight dollars (\$8.00) per month per unit.
4. For irrigation use with service lines larger than 2” in diameter, the charge shall be .10 cents per 1,000 gallons and a minimum monthly billing of one hundred dollars (\$100.00), whichever is greater.
5. For non-irrigation use, the charge shall be .10 cents per 1,000 gallons and a minimum monthly billing of one hundred dollars (\$100.00), whichever is greater.

STEP 5. Backflow Device Installation:

The installation of a backflow device is mandatory for the protection of the Potable Water supply (drinking water) where reclaimed water is upon the same property.

A. TYPES OF DEVICES

COMMERCIAL: REDUCED PRESSURE		
Manufacturer	Model #	Sizes
Febco	825Y	¾” thru 10”
Hersey	F.R.P.II	¾” thru 2”
Hersey	6 C.M.	3” thru 10”
Ames	4000	4: thru 10”
Watts	Series 909	¾ “ thru 10”
Cla-Val	RP-1	2” thru 10”

RESIDENTIAL: DUAL-CHECK VALVES		
Manufacturer	Model #	Size
Ford	HHS31-323 or 344	¾” – 1” only
Mueller	H-14243-A	¾” -- 2”

B. RESIDENTIAL INSTALLATION:

The homeowner/resident may install the backflow device at his/her own residence.

C. COMMERCIAL INSTALLATION

Commercial, apartments and other multi-dwelling units or where the homeowner/resident cannot make the backflow device installation, a Certified Backflow Technician or a Certified Plumber must make such installation of the device. The device shall be tested and results sent to:

City of Cocoa
Utilities Department
Attn: Water Meter & Cross Connection Control Supervisor
600 School Street
Cocoa, FL 32922

STEP 6. Inspection:

The City of Rockledge Wastewater Treatment/Water Reclamation Facility shall be notified of any and all reclaimed water connections or related requirements to the use of the reclaimed water system, including cross-connection protection and devices.

A. WHEN TO CALL FOR INSPECTION:

When completed connection is made to the City’s reclaimed water service (curbstop) valve in service box and has a Hand Control Valve installed on the user’s side of the City’s valve and the in-ground irrigation system is ready for use.

When the Backflow Device is installed and tested, if applicable.

B. FINAL INSPECTION:

All inspections must be complied with. When all requirements are met, the City shall then turn the system on.

INFORMATION:

No water-cooled air conditioning will be connected to the system.

No hose bibs are permitted on the reclaimed (irrigation) system.

No potable water systems or hydraulics may be tied into the system.

No connections to wells or quick disconnects. **NOTE:** Wells may be retained but must be completely separate from the reclaimed system.

No aesthetic connections (such as water falls or fountains) are permitted without direct approval of the Wastewater Treatment/Water Reclamation Department.

No overhead irrigation systems without the Wastewater Treatment/Water Reclamation Department's approval.

Reclaimed water shall **not** be used to fill swimming pools, hot tubs, or wading pools.

Irrigation of edible crops that will be peeled, skinned, cooked or thermally processed before consumption is allowed. Direct contact of the reclaimed water with such edible crops is allowed.

Irrigation of tobacco or citrus is allowed. Direct contact of the reclaimed water with tobacco or citrus is allowed, including citrus used for fresh table fruit, processing into concentrate, or other purposes.

Irrigation of edible crops that will not be peeled, skinned, cooked, or thermally processed before consumption is allowed if an indirect application method that will preclude direct contact with the reclaimed water (such as ridge and furrow irrigation, drip irrigation, or a subsurface distribution system) is used.

Irrigation of edible crops that will not be peeled, skinned, cooked or thermally processed before consumption using an application method that allows for direct contact of the reclaimed water on the crop is prohibited.

NOTE: Any customer whose reclaimed water system is in violation of any City Ordinance, regulation, or procedure shall be subject to immediate discontinuance of reclaimed water service. Such discontinuance of service shall not relieve any person of liability for civil action or criminal or municipal ordinance violation prosecution.

REINSPECTION FEE:

A customer whose service has been voluntarily discontinued or disrupted for non-payment may resume reclaimed water service after paying any past due amounts and a reconnection fee of One Hundred Dollars (\$100.00) for voluntary discontinuance and a reconnection fee of Two Hundred Dollars (\$200.00) for non-payment.

SUMMARY

- STEP I:** Review Information Packet.
- STEP II:** Fill out application and return with appropriate connection fee (Check or Money Order). Permit will be issued when application has been approved.
- STEP III:** Meet requirements for connection to reclaimed water system.
- STEP IV:** Review connection and usage charges
- STEP V:** Type of backflow device (BFD) to install.
- STEP VI:** When to call for inspection.

- Homeowner – You must submit a Reclaimed Water Application with connection fee to receive a Reuse Permit. Upon inspection and approval, reclaimed water will be turned on and a Reclaimed Water sticker will be presented to you for posting in a front window of your dwelling. If Reclaimed Water Sticker is not posted in the window, this could result in code enforcement action.

Fines will be imposed if:

- Unauthorized use of reuse water is determined without first obtaining a permit or without obtaining an inspection by the Wastewater Treatment Department.
- Tampering with the City’s reclaimed water system and apparatus is prohibited. This includes tampering with the City side service box, and/or unlocking the curbstop in the service box.