

City of Rockledge Florida



Reclaimed Water Information Packet

**DO NOT WATER
10:00 a.m. – 4:00 p.m.**

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.

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 Ordinances. (CHECK OR MONEY ORDER ONLY)
2. After the application has been reviewed and approved, a permit will be issued, and 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, and (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)

Except for installation of a backflow prevention device, which must be undertaken by the City of Cocoa, the above can be done by the owner, resident, management company or association having control of such property.

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

B.

A hand control valve must be installed and be accessible on the user's 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 two (2) times a week, mornings or evenings, as scheduled by the St. John's River Water Management District. 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. It is also strongly recommended 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.

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 the 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, 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 Ordinance. The customer shall be responsible for any charges to the City of Cocoa, Florida, for the installation of required back-flow prevention devices.

RECLAIMED WATER SERVICE SIZE	CONNECTION FEES
3/4"	\$500
1"	\$600
1-1/2"	\$750
2"	\$1000
3"	\$1,500
4"	\$2,000
6"	\$2,500
8"	\$3,000
10"	\$4,000
≥ 10"	\$5,000

B. USAGE CHARGES:

1. The following metered rates shall be charged to the customers of the water reclamation system in accordance with the following tier rate system:

- a. Consumption of 30,000 gallons or less per month, a charge of \$10 per month, which shall be the base rate.
- b. Consumption of more than 30,000 gallons to 60,000 gallons per month, an additional surcharge of \$0.45 per month for each thousand gallons of usage over the base rate.
- c. Consumption of more than 60,000 gallons to 100,000 gallons per month, an increase in the additional surcharge to \$0.70 per month for each thousand gallons of usage over 60,000 gallons.
- d. Consumption of more than 100,000 gallons per month, an increase in the additional surcharge to \$1.00 per month for each thousand gallons of usage over 100,000 gallons.

2. Non-metered service shall be charged at a rate as follows:

- a. For property of one (1) acre or smaller, \$15 per month, with an additional \$15 per month for each additional acre serviced.
- b. For multi-units of two (2) or more units, a monthly charge of \$8 per unit.
- c. For public property, a fee of \$200 per connection point, but never less than the charge for the tier usage fees per paragraph B.1.

- d. For services outside of the City of Rockledge the rate established plus an additional 25% charge.

STEP 5. Residential, Commercial and Industrial 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. All backflow devices must be installed by the City of Cocoa, Florida:

City of Cocoa Customer Service
321-433-8400

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 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.

VIOLATIONS:

The St. John's River Water Management District (District) schedule for potable water and irrigation wells, as may be from time to time modified by the District, are adopted and established as the reclaimed water usage schedules within the City. Failure to comply with the usage schedules shall result in the following:

1. First violation - written notice of violation, setting out the date and time of violation.
2. Second violation and all subsequent violations may be referred to the Code Enforcement Board for Action.
3. **Repeat violations may result in termination of service.**

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: Contact City of Cocoa for installation of backflow device.

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.

