



City of Marco Island

50 Bald Eagle Drive
Marco Island, Florida 34145

March 7, 2008

Re: Future Reclaimed Water Customers

Dear Sir or Madam:

The City of Marco Island is striving to meet a conservation goal by expanding and promoting the use of reclaimed water or reuse water. Plans are to make this resource available to as many residents as supply, demand and financial resources will allow. The City has focused on the properties that use a high volume of water in determining the areas for future expansion of the system.

Reclaimed water is now available in selected areas. The lateral reuse lines to connect your property have or are to be installed. However, plumbing modifications on your property may need to be completed before connection can occur. Modifications may include removing any cross connections to other water sources. Examples include water cooled air conditioning units, hose bibs, hydraulic systems, wells, aesthetic connections (such as water falls or fountains), overhead irrigation systems or swimming pool areas. These modifications require a licensed plumber to obtain a plumbing permit and have the final work inspected by the City.

The City of Marco Island Code Section, 18-93 requires each parcel to connect to available water, sewer and reclaim lines.

Reclaimed water consumption charges shall become effective and begin to accrue once the meter is installed and connected to your irrigation lines. No cross connection between the reclaimed water system and any potable water system shall be permitted. Cross connections between the reclaimed water system and other sources of irrigation water, including but not limited to, surface water and wells, shall be subject to approval by the Public Works Director after review of the construction plans for such connection.

Connection of properties to the new reuse system should occur as soon as feasible or before March 15th 2009. Connecting to the system will save expensive potable water from being used to irrigate the property.

Through a utility agreement the current reuse customers paid for the reuse infrastructure installation. This is similar to the current plan for offsetting the costs for the infrastructure improvements that have been made to offer the reuse water to your property. For the next two years new reuse consumers will be charged for their use at the potable water rate. After the two year period the reuse water rate will begin. The reuse rate will be at a 60% discount of the potable water rate. No base rate fee will apply during this

two year period. A one time meter charge will be invoiced on the utility bill for the property. The fee ranges from \$115.00 to \$500.00 depending on the size of meter used during the connection.

The materials and construction of reclaimed water systems shall be in accordance with the established design criteria and procedures, required material specifications, and construction procedures as described in the Utilities Department Manual of Standards and specifications. All onsite modifications by condominiums to accommodate the new reuse water system must be done by a licensed plumber and with a City plumbing permit. The cost of the City reclaimed water plumbing permit is \$100.00.

The following items must be completed prior to connection to the reuse system:

- Submit permit application and fee for plumbing modifications to the City of Marco Island.
- Use a Florida licensed plumber to conduct all work.
- Provide certification from the plumber or Florida licensed engineer that there is no cross connections between the customer's potable water system and the customer's reuse system.
- Install a reduced pressure zone backflow device on all potable water sources.
- Test and repair all existing and new backflow prevention devices. Testing should be performed by a Florida licensed backflow prevention tester technician and the results provided to Marco Island Utilities.
- Install reuse irrigation signs permanently at each street entrance and at each hose bib. The signs must be approved signs stating: "Non Potable Water" "DO NOT DRINK" in English, Spanish, and the international symbol.
- Retrofit hose bibs using reuse water to accommodate a lockable vault around valve.
- Meet all set back requirements for connection to reclaimed water system. Set back areas using reuse waterEstablishments with pools must have a 50-foot set back from sprinkler type irrigation heads to prevent aerosol mist travel. Areas closer than 50-foot must use soaker type irrigation. Detailed information can be obtained at <http://www.dep.state.fl.us/water/wastewater/rules.htm> FDEP (FAC) rule 62-610.
- Pay all fees associated with the reuse connection (one time meter cost and permit fees).
- Call for inspection.
- Contact the Utility Customer Service Department to install new reuse meter (sized by customer or customer's engineer). After satisfactory inspection results have been obtained, reuse water service will be available for use.
- Final permit issued upon satisfactory inspection.

Please contact the City of Marco Island Utilities Department for more information at 239-389-3880 . Please reply to jlang@cityofmarcoisland.com with your email address so we can inform you of a upcoming meeting covering the reclaim conversion. Note subject RECLAIM CONVERSION on your email.

Sincerely;

James M. Lang
Customer Service Manager
Ph. 239-394-3880

