

**AN ORDINANCE TO AMEND THE RICHMOND HILL CODE OF ORDINANCE  
SECTION 70-216.-USE OF NON POTABLE WATER TO SUPPLY PRIVATE  
LANDSCAPE IRRIGATION SYSTEMS.**

**The City Council of the City of Richmond Hill hereby ordains** that henceforth the existing text of **Section 70-216-Use of Non Potable Water to Supply Private Landscape Irrigation Systems** shall be changed to read as follows:

**Richmond Hill Code Section 70-216. - Use of non potable water to supply private landscape irrigation systems.**

- 1) All commercial and industrial landscape irrigation systems installed after September 1, 2015 shall not be permitted to use City potable water and shall use purple pipe distribution materials so as to not allow cross contamination into the City potable water distribution system.
- 2) All residential landscape irrigation systems on lots greater than 20,000 sq. ft. installed after September 1, 2015 shall not be permitted to use City potable water and shall use purple pipe distribution materials so as to not allow cross contamination into the City potable water distribution system.
- 3) All new residential subdivisions, that have final plat approval after September 1, 2015 and that are shown to be within a reuse system service area, shall install a purple pipe irrigation water main with service laterals to each proposed lot. The size of the reuse main and laterals shall be designed by a licensed design professional. If reuse water is not available, at the time of development, the reuse main shall be connected to the city potable line with a water valve and also a stub out provided to a point as determined by the city engineer, for future city reuse connection. All irrigation on city potable and/or reuse water shall be metered.
- 4) All new residential subdivisions, that have final plat approval after September 1, 2015 and that are located in areas where future reuse water availability is unfeasible, as determined by the city engineer, shall abide by the same rules and regulations as commercial.
- 5) All existing residential subdivisions, that have had final plat approval prior to September 1, 2015 and where build out of lots have reached 75% or more, shall be allowed to use city potable water if there is no feasible means of using city reuse water or a private well, as determined by the city engineer. All irrigation on city potable and/or reuse water shall be metered.
- 6) Acceptable water sources for irrigation systems shall include reuse water, private shallow irrigation wells, private deep irrigation wells or alternative on-site water resources; i.e. cisterns, retention ponds, etc.
- 7) All irrigation systems shall utilize rain sensors and shall also use drip irrigation for shrub beds.
- 8) There shall be no spigots located on a reuse water and non city water irrigation system.
- 9) Irrigation Wells
  - a. All irrigation wells shall be installed by a Georgia State Licensed well driller with a valid business license in the State of Georgia.
  - b. Shallow Irrigation Well
    - i. A well with a depth of 150' or less is considered a shallow irrigation well.

- ii. Iron and manganese tests are required on shallow wells. If the test results exceed the following levels: Iron 0.29 (mg/L or ppm) and/or Manganese 0.04 (mg/L or ppm), then a water treatment system is required to prevent exceeding the above listed limits to prevent staining of sidewalks, curbs, streets, etc.
- c. Deep Irrigation Well
  - i. A well with a depth greater than of 150' is considered a deep irrigation well.
  - ii. The use of a private deep well for irrigation purposes is prohibited unless a plan is submitted to the City indicating the well depth prior to performing work.
  - iii. Final approval for the use of a private deep well for irrigation must be granted by the City Manager or his designated representative.
  - iv. Applicants are responsible for all EPD permits required for deep wells, if applicable
- 10) All new irrigation systems shall be required to obtain a permit from the City.
- 11) Tap and Connection fees are applicable for all irrigation systems using City potable water or City reuse water.

Section 2. All ordinances or parts of ordinance in conflict with this ordinance are, to the extent of such conflict, hereby repealed.

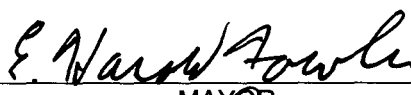

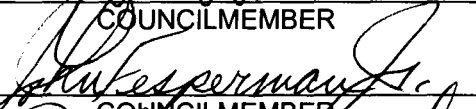


Section 3. This Ordinance shall be effective upon its adoption.

Be it enacted this 15th day of March, 2016.

Seal

Attest:

  
Ursula G. Lee, City Clerk

  
MAYOR  
  
COUNCILMEMBER  
  
COUNCILMEMBER  
  
COUNCILMEMBER  
  
COUNCILMEMBER