

Chloride Reduction Program

Customer Service Fact Sheet

What is the purpose of the chloride reduction program?

In 2010, the FGUA conducted a comprehensive survey of chlorides in the area. Chlorides are a chemical compound, that cause pitting and corrosion of metals. Due to the proximity to the Gulf of Mexico and saltwater intrusion through cracks and misaligned joints in the sewer system pipes, levels of chloride in the FGUA Wastewater System measure higher than nearby utility service areas. In an effort to meet its bulk wastewater agreement with the City of New Port Richey, the FGUA is required to reduce chloride levels in the wastewater it sends to the City's wastewater treatment plant.

What are chlorides?

Chlorides are salts found in nature, most often in compounds, primarily in Salts (Sodium Chloride Potassium Chloride, and calcium). Chlorides are leached from various rocks into soil and water by erosion.

How were the chloride levels measured?

The FGUA measured chloride levels in 2010 throughout the FGUA Lindrick Utility System. These exhaustive measurements needed to coincide with the tidal events and during low wastewater levels in the system, as testing and analysis occurred through 2011. The FGUA approved a Chloride reduction plan in January 2012.

How did the FGUA determine the areas needing improvements?

Following measurement of the chloride levels, the FGUA mapped the data, cleaned the lines, "televised" the lines to review for damage and determined areas needing improvements. The FGUA identified six priority areas needing repairs. The areas were ranked, and will be completed by priority. *The priority area maps, available on the FGUA website at www.fgua.com, will include activities in the gray shaded areas but may also include activities for areas shaded in red.*

What type of improvements will occur?

FGUA's project contractor, U.S. Water Services Corporation, will be flushing and vacuuming sewer pipes, televising sewer mains and laterals, lining, coating and repairing sewer mains and laterals, and repairing and sealing manholes. As repairs are conducted in specific areas, sampling will be performed to measure the anticipated reduction in chloride levels.

Will I be notified when work begins?

The FGUA notified all FGUA Lindrick Utility System customers of chloride reduction activity in their February 2012 billing statements. Chloride improvements will begin in March. Customers will be notified by door hanger when activity is expected to begin in their area. Additional reports and improvements will be available on the FGUA website, at www.fgua.com, on the "Lindrick" link, under "services provided."

What can I expect when work begins?

It is expected that some work may be conducted at unusual hours of the day and night based on high tide and full moon events. Be assured that late evening and early morning hours of operation to correct these deficiencies will be conducted as quietly as possible.

When will all the system improvements be complete?

System improvements in each priority area will vary based on the needs of each area. The FGUA anticipates completion of all priority areas by October.

I have specific questions concerning the activity in my area. Who should I contact for this information?

Customers with additional inquiries or questions may contact Matthew Rihs, Community Service Representative, at (727) 372-0115, x330.