FROM GROUND TO TAP TO GROUND

GRU pumps and treats water from the Floridan Aquifer, providing you with safe and great-tasting water. Here's what happens before your water comes to your home.

1. Raw water is pumped from the Floridan Aquifer using 16 wells.

2. Chlorine is added to the raw water to remove hydrogen sulfide, which has an unpleasant odor and is corrosive in the presence of oxygen.

3. Water is softened by removing minerals through the addition of lime.

4. Carbon dioxide is added to lower the pH and provide stabilized water. Fluoride is added at optimal levels to reduce tooth decay.

5. Water is filtered to remove any remaining calcium carbonate or bacteria.

6. Chlorine is added to the filtered water to prevent the occurrence of harmful bacteria.

7. Treated water is transferred to ground storage reservoirs and then distributed to GRU customers.

8. About 70% of all water drawn from the Floridan Aquifer is reclaimed and returned to the aquifer.