


## VOLUSIA COUNTY PUBLIC WORKS DEPARTMENT



# WATER RESOURCES & UTILITIES DIVISION

Mike Ulrich, Director

### Utilities System Overview

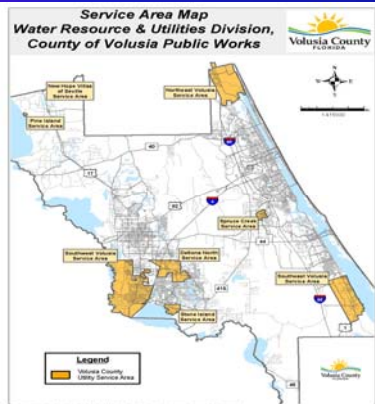
Customer Accounts

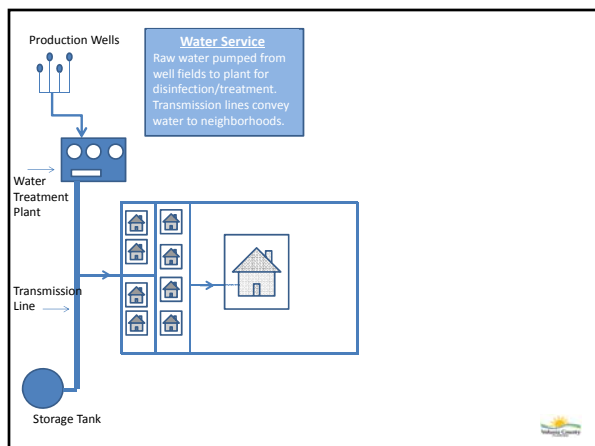
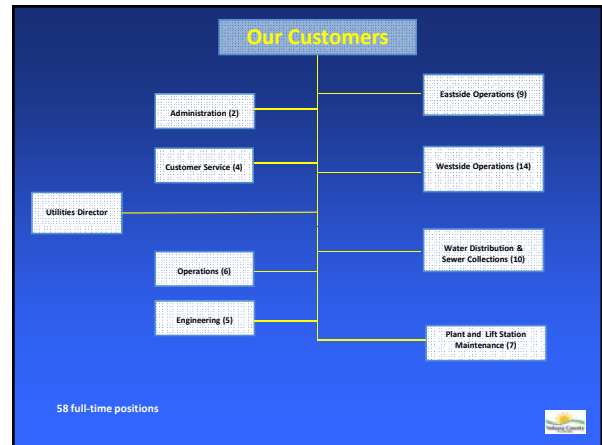
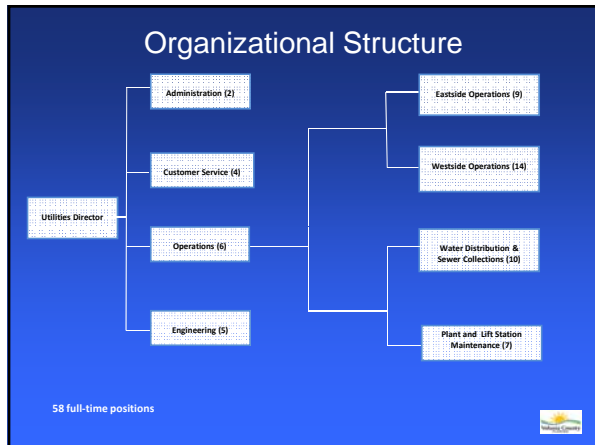
Water (Potable)	15,048
Sewer	11,037
Reclaimed Water	1,474

Services

Water Supplied	4.1 MGD
Sewer	2.3 MGD
Reclaimed	1.6 MGD

Source: Volusia County Water Resources & Utilities FY 2014 Annual Report






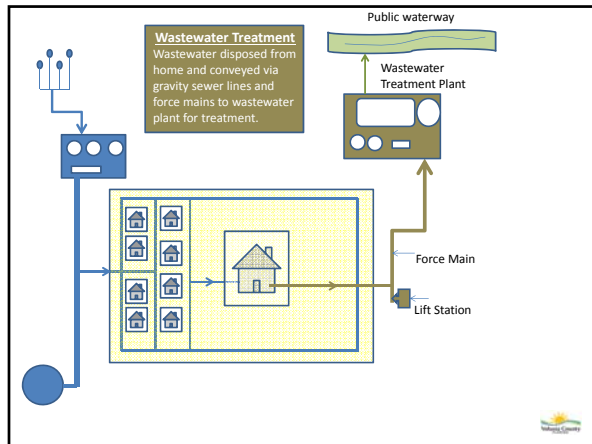


## Water Service

- ❖ 3.63 MGD water produced and 0.44 MGD purchased for resale
- ❖ 9 water treatment plants - 108,000 gallons per day to 5 MGD
- ❖ 26 water production wells
- ❖ 245 miles of water mains
- ❖ 1,469 fire hydrants

\* MGD – millions of gallons per day

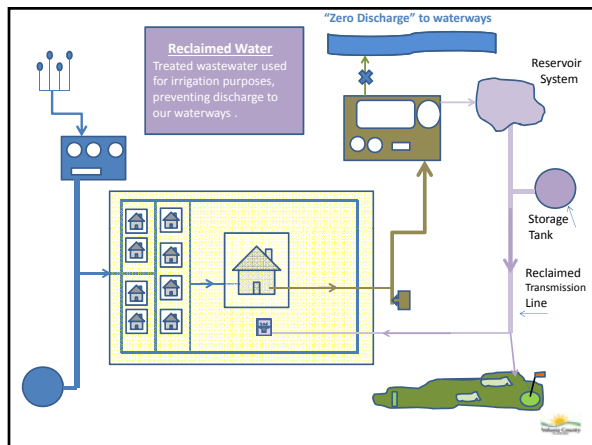


## Wastewater Service









- ❖ 4 regional wastewater treatment plants - 300,000 gallons per day to 1.7 MGD
- ❖ 118 lift stations
- ❖ 187 miles of sewer lines
- ❖ 1.60 MGD reclaimed water produced
- ❖ No surface water discharge of wastewater effluent


\* MGD – millions of gallons per day



## What is the Value of Water?

## The Business of Water




Like a Business

- Provide Services (water distribution and sewer collection)
- Produce Products (Potable and Reclaimed Water)
- Require significant investment and reinvestment in infrastructure
- Raise capital to fund infrastructure needs (useful life range 20-50 years)
- Participate with developers to fund infrastructure improvements
- Contribute to the General Fund for support services provided

Other Factors

- Public Health and Safety policy driven (Clean Water Act; Safe Drinking Water Act; Homeland Security Act)
- Highly regulated industry (EPA, DEP, SJRWMD, VCHD, Homeland Security)
- Limited Water Sources/ Encourage Conservation
- Environmental stewardship/ Protection of Natural Resources
- Return on Investment (ROI) from a broader perspective

## Consumer Tips

- **Perform a home water audit**
  - do-it-yourself, free and professional services
- **Avoid service interruptions**
  - Many convenient options available
- **Ask your water provider about appliance rebates**
  - low flow toilets, washers, dishwashers
- **See your water provider's CCR**
  - Consumer Confidence Report is published annually

## Helpful Internet Resources

[www.water.epa.gov/drink/info/](http://www.water.epa.gov/drink/info/)

[www.dep.state.fl.us/water/](http://www.dep.state.fl.us/water/)

[www.drinktap.org/](http://www.drinktap.org/)

[www.floridaswater.com](http://www.floridaswater.com)

[www.epa.gov/watersense/](http://www.epa.gov/watersense/)

[www.h2oconserve.org/](http://www.h2oconserve.org/)

