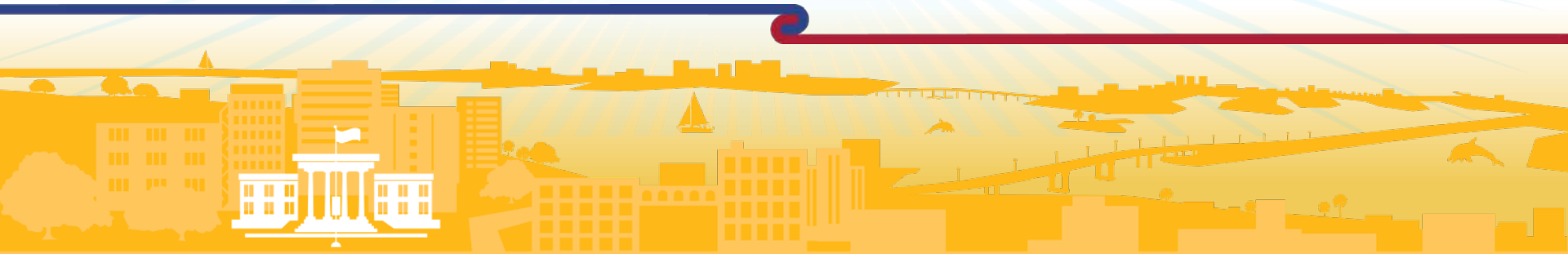


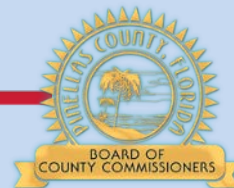
Doing Things!

Utilities

Megan Ross, Interim Director

February 15, 2018





Who We Are

414.4 FTE, 20% of County Administrator Workforce

- Water Quality
- General Maintenance
- Operations
- Engineering
- Customer Services

What We Do

- Deliver clean drinking water
- Collect and treat wastewater
- Deliver reclaimed water



South Cross Bayou Water Reclamation Facility

What We Do



Logan Laboratory

- Monitor water quality to protect public health & our environment
- Perform laboratory analysis and research
- Promote and enforce water conservation programs



- Manage Cross Bar & Al Bar Ranch



Cross Bar Al Bar Ranch



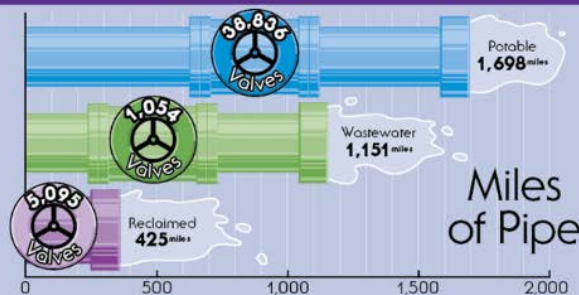
UTILITIES

For more information ▼

Pinellas County Utilities Customer Service
(727) 464-4000 · www.pinellascounty.org/utilities

Pinellas County Utilities manages vast amounts of infrastructure to provide safe drinking water and effective sewer service to more than

112,900 Water &
83,000 Sewer Accounts.



1 Water Plant



2 Water Reclamation Plants



Treat & Distribute **50 Million** Gallons of Drinking Water Daily
That's enough water to fill **75** olympic-sized pools.

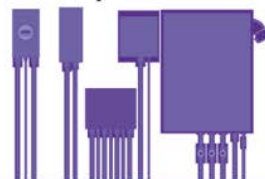
23,127
Manholes



8,021
Hydrants



299
Pump Stations



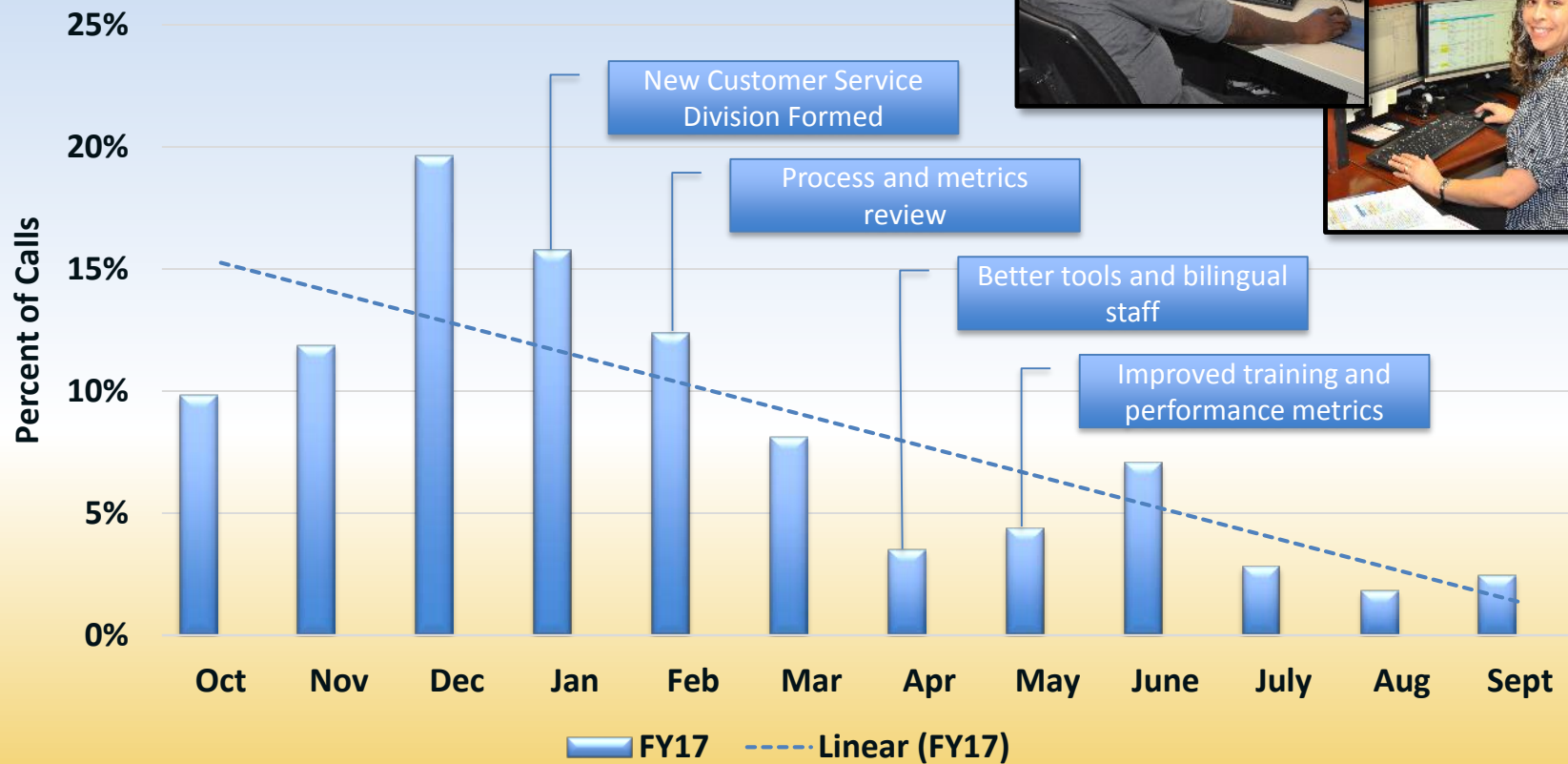
31 Wholesale
(23 potable/5 reclaimed/3 sewer)
112,900 Retail
Meters



Things Done



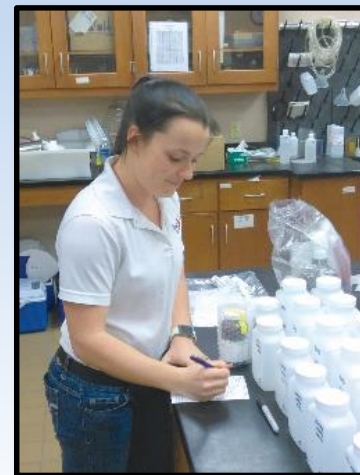
% of Calls that are Dropped (Monthly)



Things Done



- Utilities Water Quality Laboratory
 - National Environmental Laboratory Conference (NELAC Certification)
 - Provide testing services to other neighboring municipalities
 - Implementing new laboratory information system



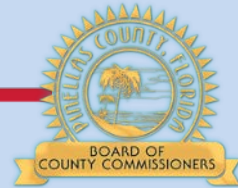
Things Done



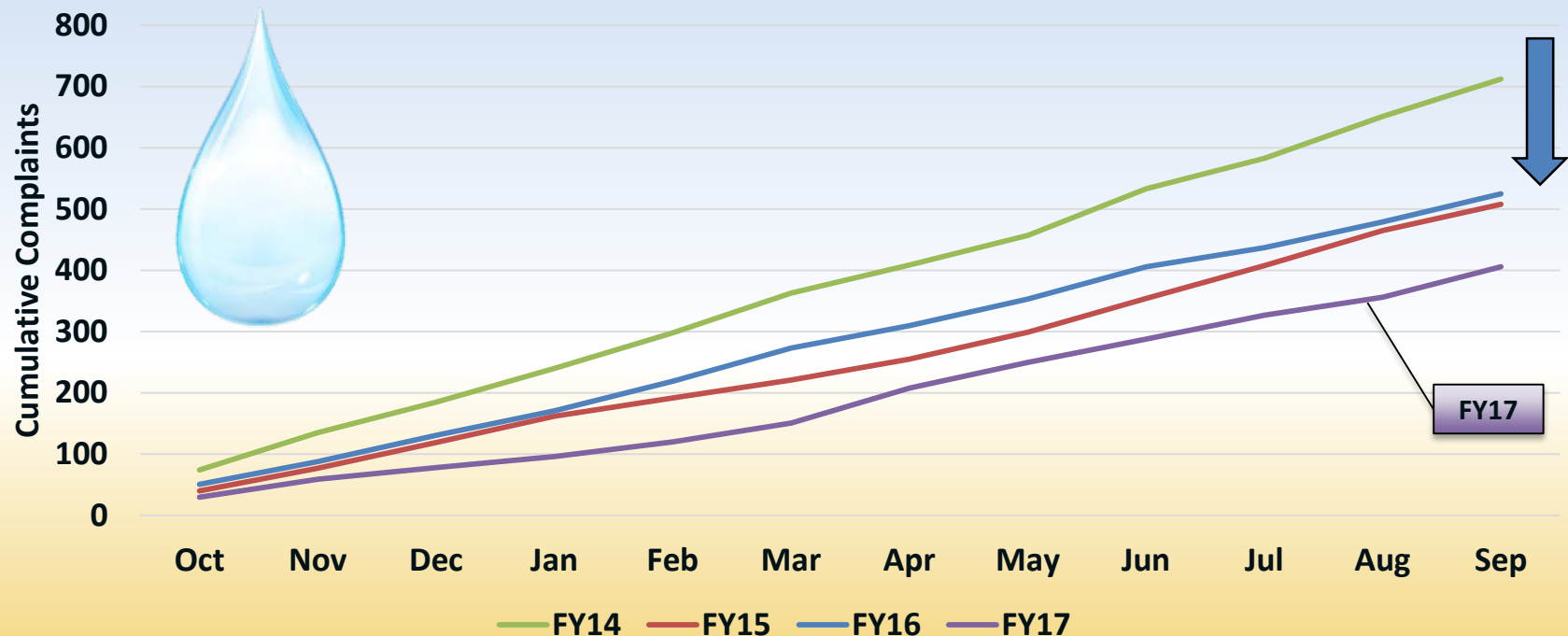
- Water Infrastructure Improvements



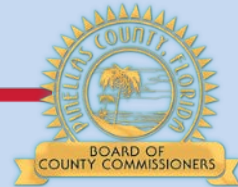
Things Done



Thing: Deliver quality drinking water that meets customer expectations
Measure: Water Quality Complaints

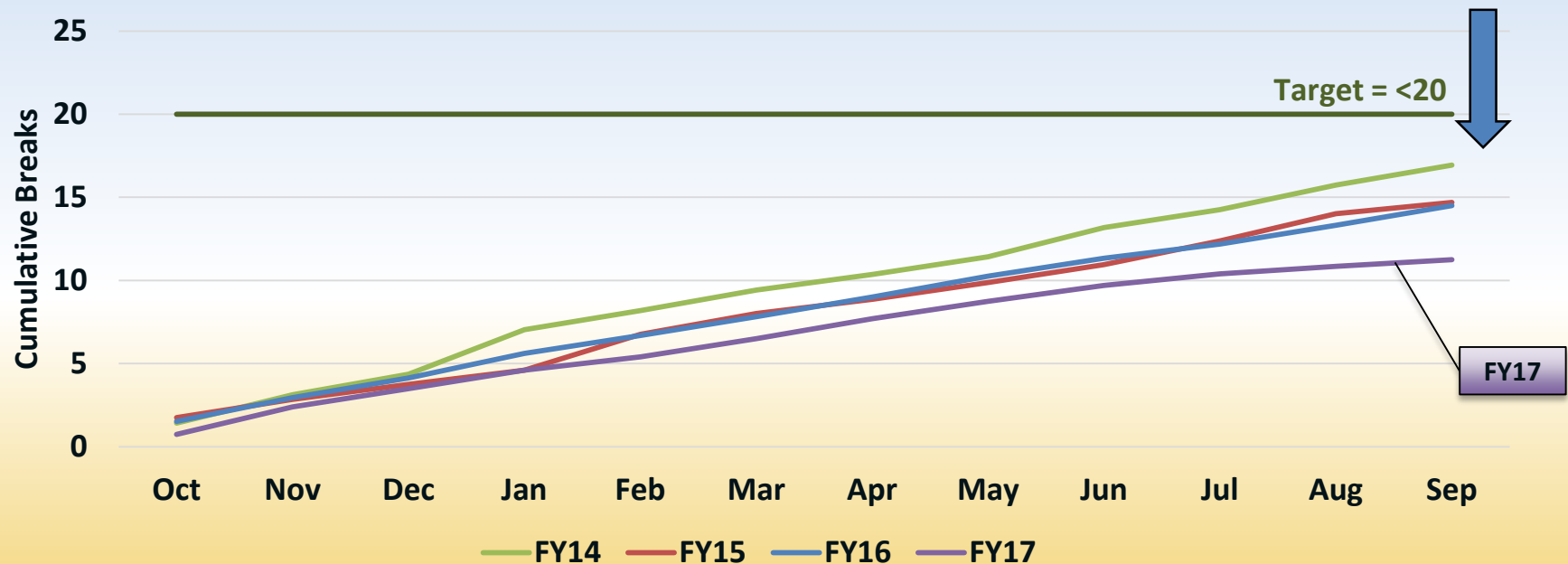


Things Done



Thing: Reduce the number of water main breaks to minimize the number of service disruptions

Measure: Number of Water Main Breaks per 100 miles of pipe



Things Done



- Sewer Infrastructure Improvements 2017 – Treatment Plants



Dunn Plant – Headworks Project

Our Vision: To Be the Standard for Public Service in America

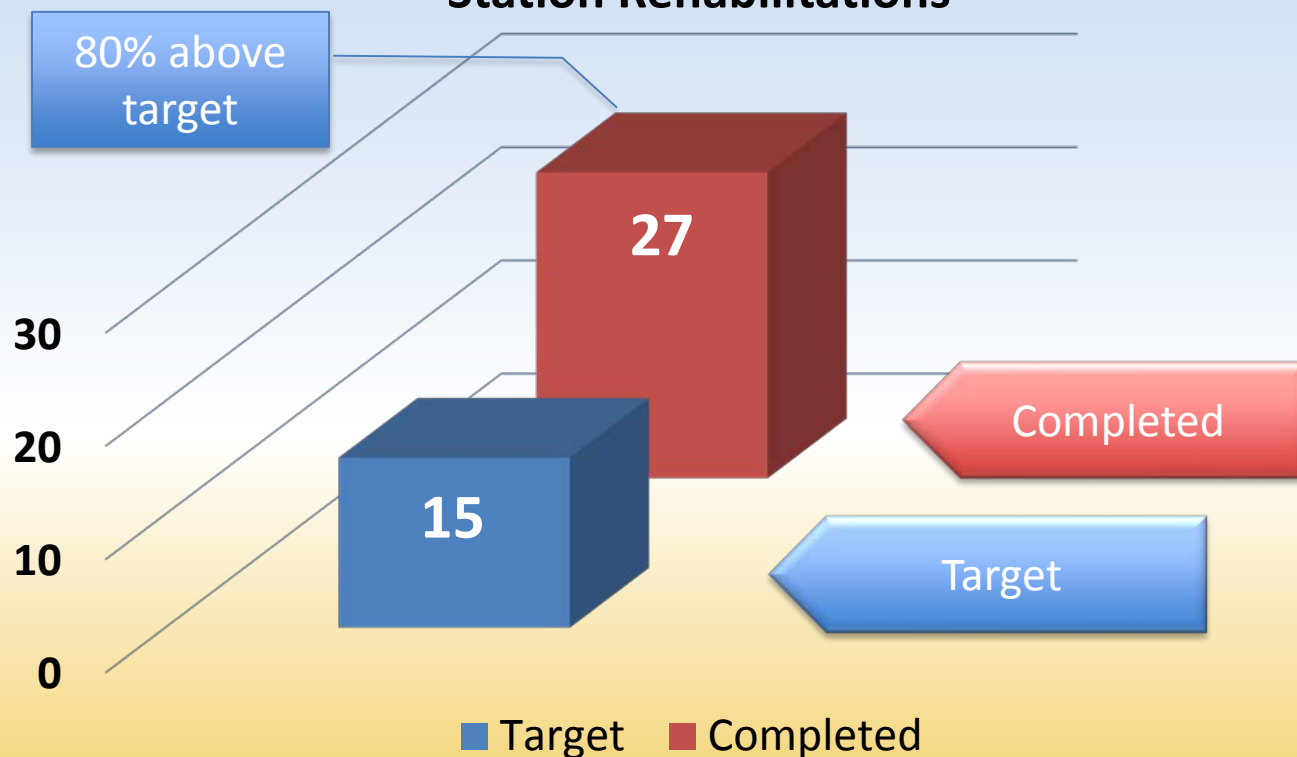


**South Cross Plant – North Train
Anoxic Tank Project**

Things Done



Sewer Infrastructure Improvements FY17 – Pump Station Rehabilitations



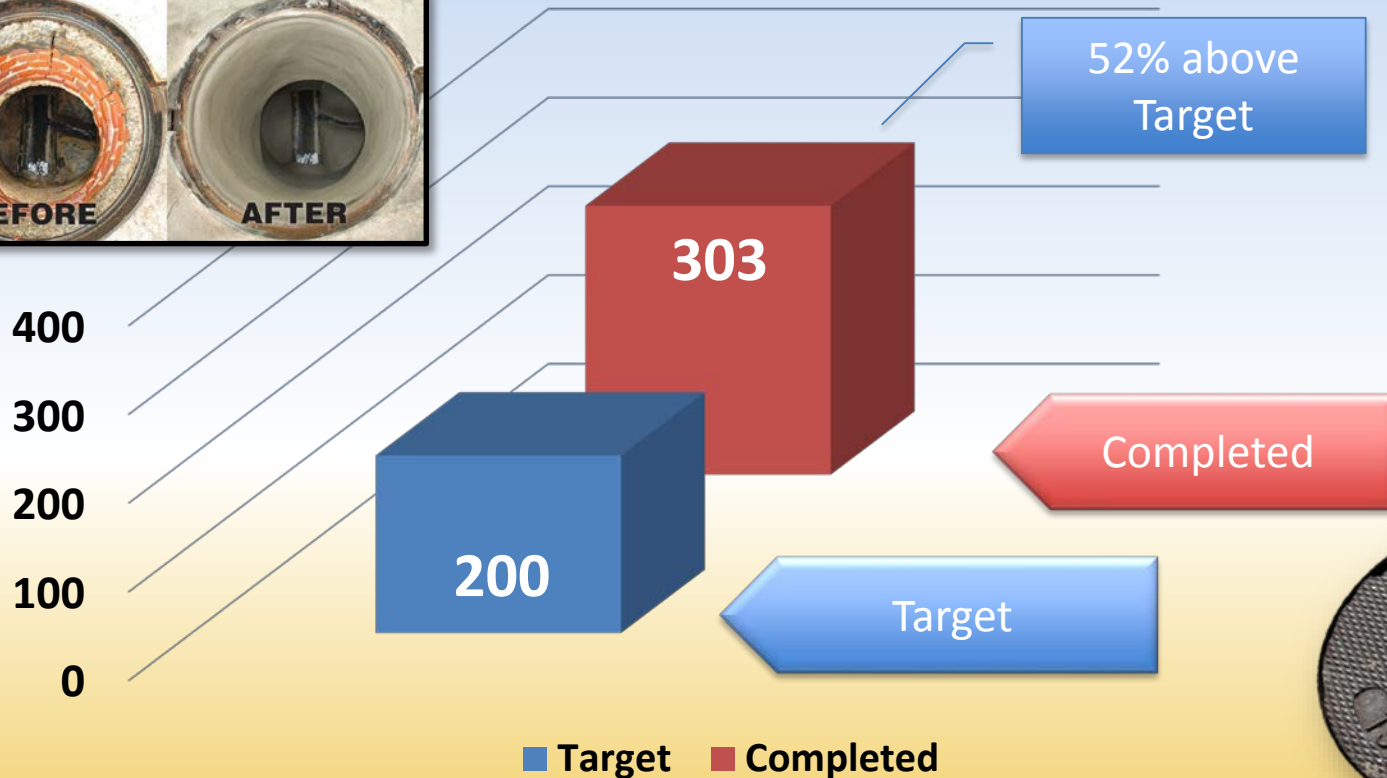
New technology is being installed along with rehabs allowing better operational control



Things Done



Sewer Infrastructure Improvements FY17 - Manholes



Manholes provide access for preventative maintenance and provide structural stability



Things Done



Preventative Maintenance FY17 – Valve Program



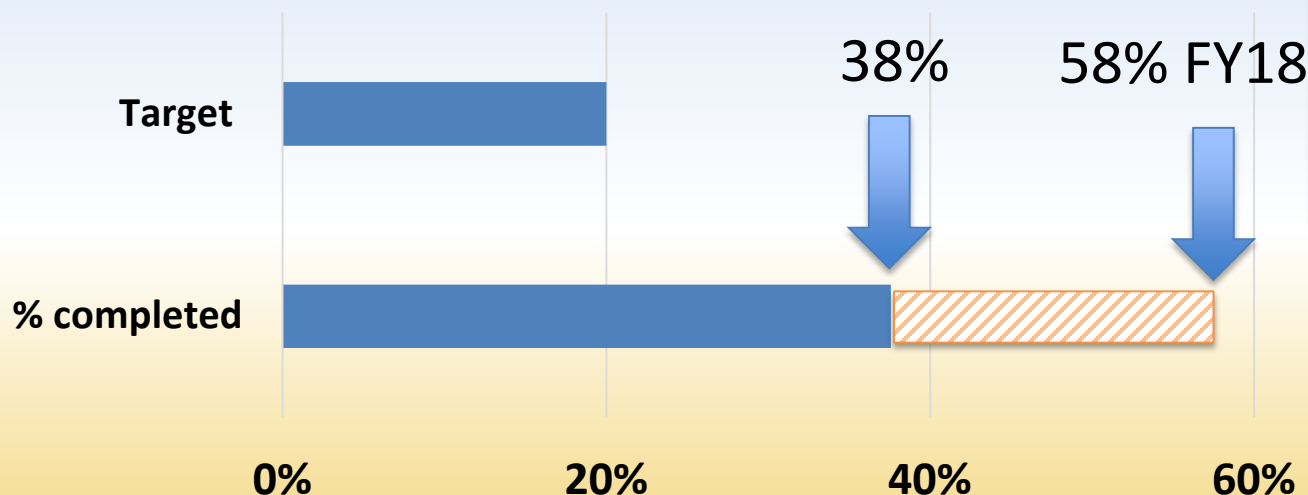
Things Done



■ Workforce Development

FY17

% of Utilities Employees that Completed OSHA
Training



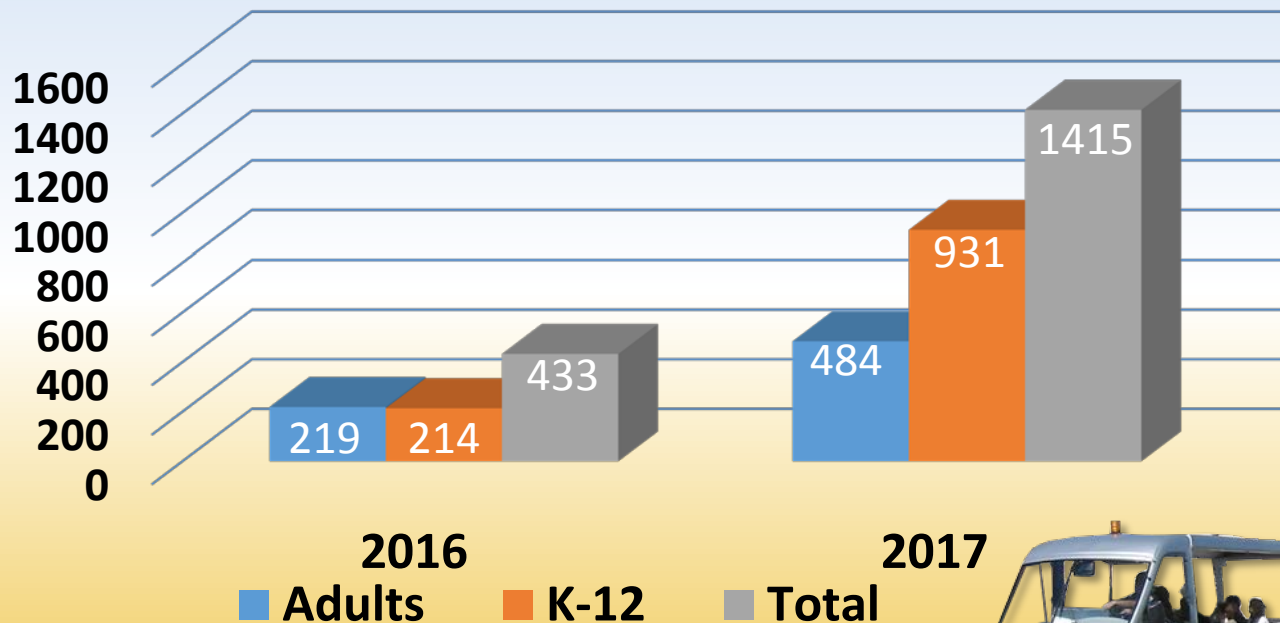
In addition to OSHA training the plant operations division has trained and certified 17 technicians in accredited mechanical and electrical maintenance certifications in 2017.

Things Done

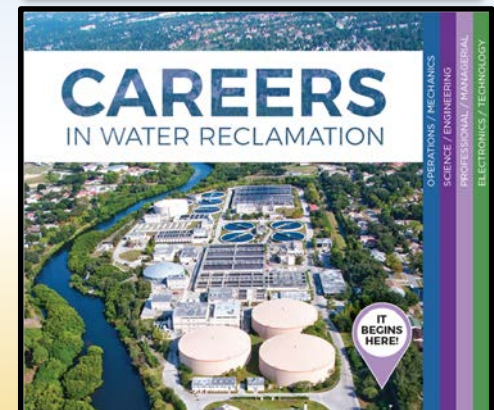
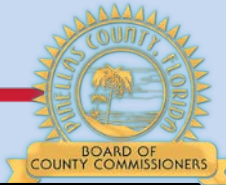


■ Outreach and Communication

South Cross Bayou AWRF Tour Program 2016 - 2017



Our Vision: *To Be the Standard for Public Service in America*



Doing Things



■ Hurricane Irma Emergency Response



Utilities crews responded 24/7 until power was restored to all critical infrastructure

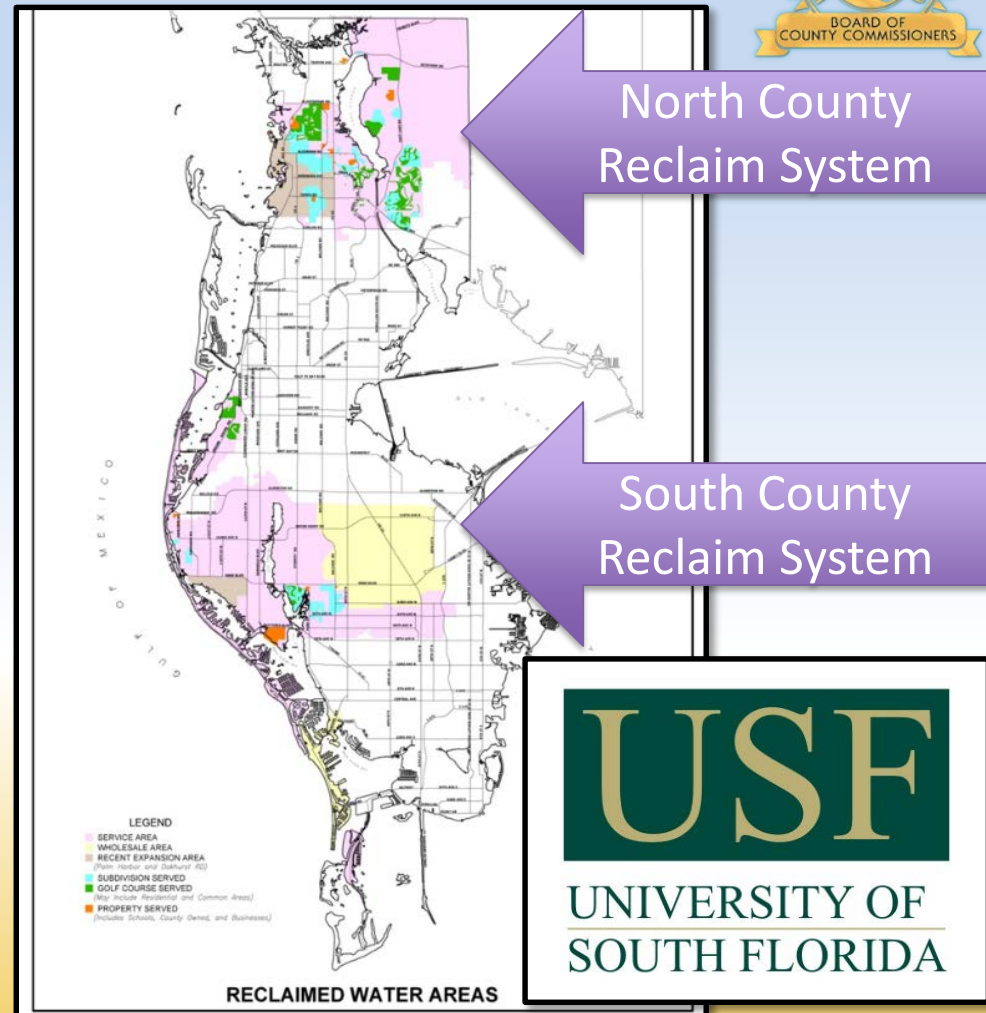
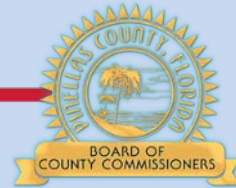


Action items to be implemented for better response and resiliency in future storms.



Doing Things

- Reclaim Water Master Plans
- Short and long term plans for better availability
- Storage, distribution, Transmission



Doing Things



- SCADA Security upgrades
- Currently implementing software and hardware upgrades
- Fortify physical and cybersecurity
- Following guidelines provided by homeland security

Doing Things



- Workforce Development
- Partnering with St. Pete College on programs that meet current and future job requirements



SPC now offers an automation certification course that Utilities staff will be completing

Doing Things



■ Outreach and Communication

Bauder Elementary
Science Expo
January 2018

EcoFun Fest
February 2018

FWRC Conference
April 2018

SharkCon
July 2018

Morgan Fitzgerald
Middle STEM Night
January 2018

FWEA Water Festival
March 2018



Thank you!!!

