

# Wastewater

2019



ST. CHARLES PARISH

- The Department of Waste Water maintains and operates all Parish owned sewerage facilities and properties which include collection systems, treatment systems and buildings to develop a comprehensive parish wide sewerage management system to include future planning and growth.

- The goal of this department is to:
  - Prevent public health hazards.
  - Minimize inconveniences to services
  - Prevent unnecessary damage to public and private property
  - Prevent excessive expenditures for claims and legal fees
  - Minimize nuisance odors
  - Minimize energy consumption
  - Be efficient using funds available for systems operation
  - Minimize infiltration and inflow
  - Eliminate plant shutdowns and discharge violations
  - Continue safe operations

# Accomplishments of 2018, Projects

- Completed Killona Force Main
- Completed Ama/Anna Lift Station Upgrade
- St. Rose Sewer Upgrades in construction, 70% complete
- Hahnville Plant UV Upgrades awarded, waiting for equipment and materials
- Luling Oxidation Pond Upgrades in engineering
- Montz/Norco Lift Stations Upgrades in engineering

# Accomplishments of 2018, Mtc. & Misc.

- Rehabbed L/S on Lakewood, Barton Ave. and Charlestown
- Located and repaired major sources of I&I in the Parish
- Upgraded electrical/controls at lift stations
- Pulled, inspected, and brought all L/S pumps to factory specs. Continuous basis
- CMOM Program, Rehabbing damaged lines, both point repairs and lining

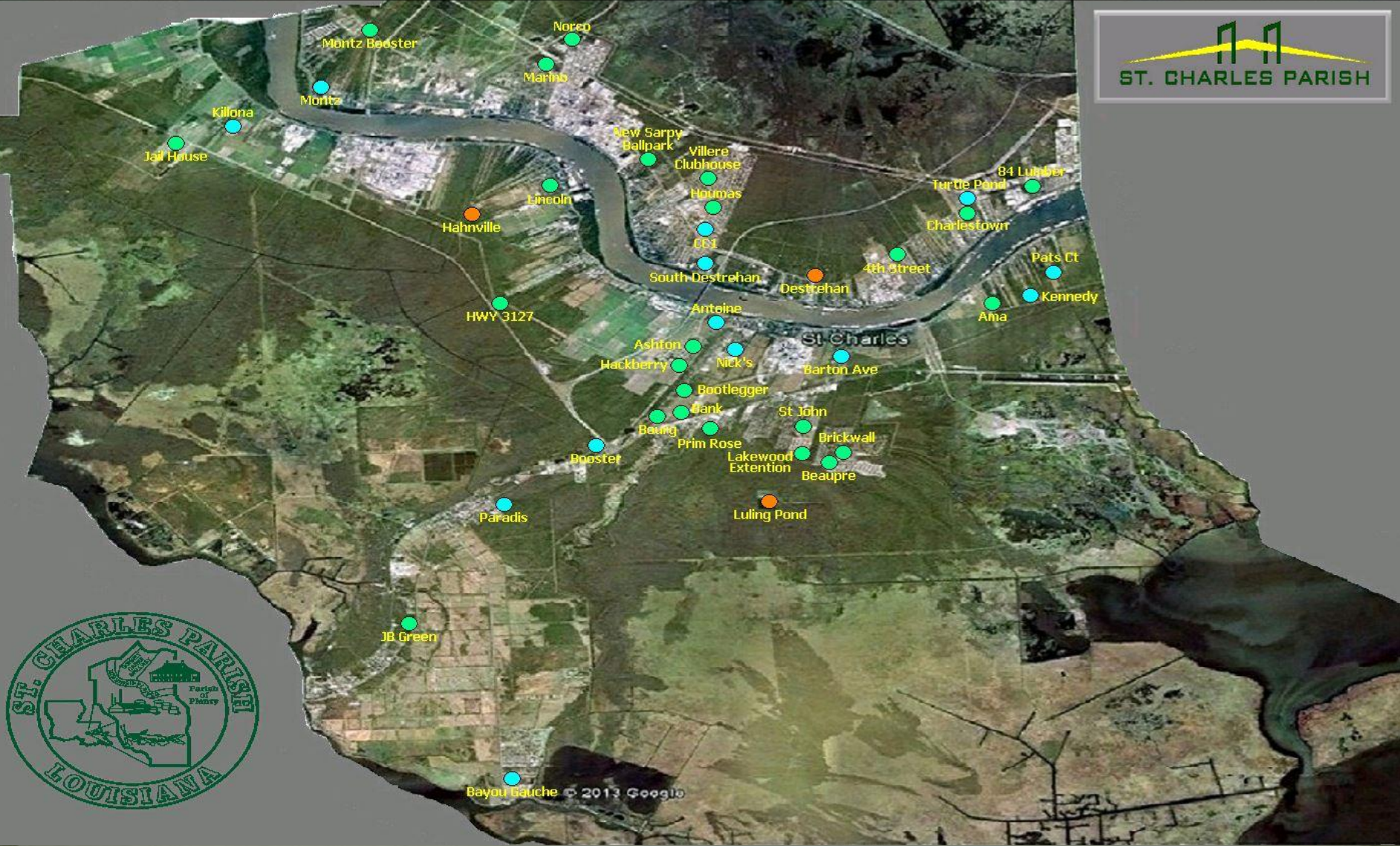
# Telemetry

- East Bank; 84 Lumber, Houmas, Villere/Clubhouse, South Destrehan, Turtle Pond, 4th Street, CC1, Marino, Norco, Montz, Montz Booster, New Sarpy Ball Park, Charlestown
- Total 13 added 2
  
- West Bank; Ama, Beaupre, St. John, Bayou Gauche, JB Green, Boutte Booster, Bootlegger, Nicks, Hackberry, Hwy 3127, Lincoln, Killona, Lakewood Extension, Barton Ave, Ashton, Bank, Primrose, Prison, Bourg, Antoine, Paradis, West Levert, Kennedy, Pats Court
- Total 24 added 3

Alarm History

Alarm Events

ST CHARLES PARISH WASTEWATER LIFTSTATION SYSTEM



# PLANTS STATUS

- DESTREHAN WWTP Operating per design
  - Treated 1.300 billion gallons sewer in 2018, which is down .05 billion gals from 2017
  - Hauled 1714 tons sludge to the landfill, which is down 57.53 tons from 2017



# DESTREHAN WWTP



# PLANTS STATUS

- HAHNVILLE WWTP Operating per design
  - Treated .759 billion gallons sewer which is down .074 billion gallons from 2017
  - Hauled 809.46 tons sludge to the landfill which is down 96.43 tons from 2017

# HAHNVILLE WWTP



# PLANTS STATUS

- LULING OXIDATION Operating per design
  - Treated .755 billion gallons sewer which is down .06 billion gallons from 2017
  - There is no sludge hauled from the pond
  - This is our wetlands assimilation project

# LULING OXIDATION POND



# TOTALS FOR THE YEAR

- Total sewerage Treated = 2.814 billion gallons, down .19 billion gallons from 2017
- Total sludge hauled = 2,523.79 tons, down 154 tons from 2017
- Total maintenance cost = \$1,090,494.00 which is up approximately \$94,889.00.00

# Work Orders – Complaints 2018

- Processed – 1450 down 375
- Completed – 1409
- 97% completion rate
- Total complaints handled 550 down 146
- Total residents problems 86

# Request For Service 2018

- Engineering staff processed and approved for tie-ins to the sewer
  - 166 Residential up 40
  - 11 commercial developments down 1
  - 3 residential subdivisions



# Certification Licenses – 2018

- Required by the Louisiana Department of Health
  - Total of 57 employees
  - 42 hold licenses
  - 32 hold licenses in 2 categories (collection & treatment)
- By Class
  - 23 – Class 4
  - 7 – Class 3
  - 9 – Class 2
  - 3 – Class 1
  - 15 – No license (Recent Hires or not required)

# Goals For 2019

- Complete St. Rose Sewer System upgrade
- Complete Upgrade for Hahan.WWTP UV disinfection system
- Begin Upgrades to Luling Oxidation Pond
- Begin Upgrades to Norco & Montz Lift Stations
- Seek additional funding sources for projects
- CMOM Compliance
- GIS, Confirming all Wastewater DATA East and West Bank
- Hire and retain qualified employees (ongoing)
- Training employees for DEQ Certification (ongoing)