

Wastewater



Accomplishments of 2016, Projects

- Completed Primrose Sewer Upgrades Project. It came in early and under budget
- Ama/Anna St. lift station relocation is still ready to bid. Still awaiting funding
- St. Rose Sewer Upgrades engineering is complete. Ready to bid. Awaiting funding
- Ellington Sewer Line Relocation has begun
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- The Killona F/M upgrade has gone out to bid and Sealevel was the low bidder

Accomplishments of 2016, Mtc. & Misc.

- 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
- Added odor control units to two lift station plus small units at locations.
- CMOM Program, Rehabbing damaged lines, both point repairs and lining

Accomplishments of 2016

- Updated PLCs
- Hahn. WWTP
- Dest. WWTP
- Additional

Telemetry
Telemetry Screen



PLANTS STATUS

- DESTREHAN WWTP Operating per design
 - Treated 1.246 billion gallons sewer in 2016, which is down .101 billion gals from 2015
 - Average dry weather flows would be .949 billion gals
 - Delta is .297 billion gals = 24% treated from I&I
 - Hauled 1476.48 tons sludge to the landfill, which is down 148.67 tons from 2015

DESTREHAN WWTP



DESTREHAN WWTP



DESTREHAN WWTP



PLANTS STATUS

- HAHNVILLE WWTP Operating per design
 - Treated .857 billion gallons sewer which is up .022 billion gallons from the .835 billion gallons last year
 - Average dry weather would be .547 billion gals
 - Delta is .310 billion gals = 36% is I&I
 - Hauled 986.42 tons sludge to the landfill which is up 7.44 tons from 993.86 tons last year

HAHNVILLE WWTP



HAHNVILLE WWTP



HAHNVILLE WWTP



PLANTS STATUS

- LULING OXIDATION Operating per design
 - Treated .627 billion gallons sewer which is down .012 billion gallons from .639 billion last year
 - Average dry weather flows would be .365 billion gals
Delta is .262 billion gals = 42% I&I
 - There is no sludge hauled from the pond
 - This is our wetlands assimilation project

LULING OXIDATION POND



LULING OXIDATION POND



LULING OXIDATION POND



TOTALS FOR THE YEAR

- Total sewerage Treated = 2.730 billion gallons, down .092 billion gallons from last year
- Average dry weather flows would be 1.861 billion gals
- Delta is .869 billion gals = 32% is I&I
- Cost for additional treatment I&I is \$1,016,000.00 based on actual cost of \$1.17 per 1000 gals
- Total sludge hauled = 2,514 tons, down 105 tons from last year
- Total maintenance cost =\$ 995,605.00 which is up approximately \$14,000.00

Work Orders – Complaints 2016

- Processed – 1782
- Completed – 1782
- 100% completion rate
- Total complaints handled 818
- Total residents problems 141

Request For Service 2016

- Engineering staff processed and approved for tie-ins to the sewer
 - 99 residential
 - 4 commercial developments
 - No residential subdivisions
- Processed and issued 125 permits for residential sewer use
- Processed and issued 13 permits for commercial use

Certification Licenses – 2016

- Required by Department of Health and Hospitals
 - Total of 54 employees
 - 41 hold licenses
 - 30 hold licenses in 2 categories (collection & treatment)
- By Class
 - 21 – Class 4
 - 7 – Class 3
 - 6 – Class 2
 - 7 – Class 1
 - 13 – No license (Recent Hires or not required)

Goals For 2017

- Complete St. Rose Sewer System upgrade
- Complete the Anna St. L/S upgrade
- Complete the Killona force main from Highway 3127 to Hahnville WWTP
- Upgrade Hahan.WWTP UV disinfection system
- Upgrades to Luling Oxidation Pond
- Seek additional funding sources for projects
- CMOM Compliance
- Inspection and hydraulic modeling for the West Bank (ongoing)
- GIS, Confirming all Wastewater DATA East and West Bank
- Hire and retain qualified employees (ongoing)
- Training employees for DEQ Certification (ongoing)