

WASTEWATER 10 YEAR CAPITAL PROJECTS LIST

Projects Ready for Const.	Description	Cost
Anna/Anna St.	Discontinue use of the Anna L/S as it is redundant, and relocate pumps and controls to the Anna St L/S. This would be a cost savings to the Parish plus it is a safety concern as employees get trapped by trains switching	\$282,000.00
Killona F/M 3127 to HWWTP	This is to separate the flows from Killona L/S and the Prison L/S from the flows from the Boutte Booster and 3127 L/S. This will allow both flows to enter the HWWTP separately and avoid fighting each other. Will also help prevent overflows in Killona.	\$800,000.00
Montz L/S Well	This L/S has a capacity problem as the present well is undersized. This project is to install an additional well and connecting the two wells. This will help prevent overflows in this area. No additional pumps required.	\$300,000.00
Norco Booster Well	This L/S has a capacity problem as the present well is undersized. This project is to install an additional well and connecting the two wells. This will help prevent overflows in this area. No additional pumps required.	\$450,000.00
Primrose L/S and F/M	This project is to replace the existing Primrose L/S and a portion of the F/M to the Oxodation Pond. This will increase the flows from the Boutte Area helping to prevent overflows. Also the section of F/M to be replaced is in very poor condition..	\$950,000.00
Projects in Design	Description	Cost
St. Rose Sewer Upgrade	The Parish has a \$50,000.00 Grant to do engineering from Lake Pontchartrain Restoration. This project is needed to help prevent overflows along Airline Hwy, Turtle Pond, Browns Lane, River View, Charlestown and Bar None. This has been a problem area for many years and continues to be. A lot of additional flows were added to this system during a skips program but nothing was done to the major transmission lines.	\$800,000.00

	The Luling Oxidation Pond needs dredging (7 1/2 acres only), headworks, piping to the 7 1/2 acre cell, areators and curtains and mechanical and electrical upgrades. Engineering will be required for this. This oxidation pond has been in continuous operation since the mid 1960s and has more than 50 plus years of accumulated sludge buildup. This will improve the efficiency of the treatment process.	\$5,000,000.00
Oxidation Pond Upgrade		
I&I Projects	Description	Cost
	Cleaning and inspection by CCTV and smoke, repair all damage by lining or point repair. This will help by reducing I&I which will in turn reduce the amount of overflows and the amount being treated by our plants	
Norco		
	Cleaning and inspection by CCTV and smoke, repair all damage by lining or point repair. This will help by reducing I&I which will in turn reduce the amount of overflows and the amount being treated by our plants	
New Sarpy		
	Cleaning and inspection by CCTV and smoke, repair all damage by lining or point repair. This will help by reducing I&I which will in turn reduce the amount of overflows and the amount being treated by our plants	
St. Rose		
	Cleaning and inspection by CCTV and smoke, repair all damage by lining or point repair. This will help by reducing I&I which will in turn reduce the amount of overflows and the amount being treated by our plants	
Destrehan		
	Cleaning and inspection by CCTV and smoke, repair all damage by lining or point repair. This will help by reducing I&I which will in turn reduce the amount of overflows and the amount being treated by our plants	
Willowdale/Mimosa		
	Cleaning and inspection by CCTV and smoke, repair all damage by lining or point repair. This will help by reducing I&I which will in turn reduce the amount of overflows and the amount being treated by our plants	
Mozella/Paradis		
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Des Allemands		
TOTAL FOOTAGE	1.4 million L/F @ 17.00/L/F Clean, camera and repair as needed.	\$23,000,000.00
TOTAL MANHOLES	Approx 4500 inspected, cleaned and repaired as needed. Part of above cost.	
LIFT STATIONS	320 including 132 in our low pressure systems.	
Required Projects	Description	Cost
Mozella to Paradis F/M	This system needs upgrading because of the age of the system and growth of the area. Some of the growth has been Hahnville High School, Hotels, gas stations, fast food businesses.	\$350,000.00
Dufrene Park to 3127 L/S	This is an area that has no parish sewerage. A lift station, and possibly more, plus a force main is needed to take the sewerage from the area and bring it to the HWWTP via the 3127 lift station. This area has seen significant growth and continues to grow. This is a revenue source that the Parish is missing out on because of the lack of a sewer system.	\$1,300,000.00
Paradis Oxidation Pond	An additional treatment facility is needed in the Paradis area. This would take all of Des Allemands, Bayou Gauche and Paradis out of the HWWTP, which is near capacity, allowing more development in the Luling to Killona areas. A treatment facility in the Paradis area would be cost affective as sewer would not have to be pumped accross the Parish to be treated. The only other option would be to increase the capacity of the HWWTP and this cost could be much higher. Also an additional discharge line to the river from the HWWTP would be required as the current discharge line was designed for the existing capacity.	\$7,000,000.00
Vehicles and Equipment	Description	Cost

Vacuum Truck	The department is in need of a new Vacuum truck. This truck operates daily to clean sewer lines, man holes and lift stations and to unplug blockages. The present truck is constantly broken and we are renting a truck as needed. There is 1.4 million L/F of gravity lines, 332 lift stations and 4500 plus manholes that must be cleaned and maintained throughout the year. This is a must have piece of equipment.	\$340,000.00
Camera	This is used daily to inspect lines, discover problems and for our CMOM program. The current camera is getting old and is frequently being repaired.	\$65,000.00
Trucks	Our fleet is ageing with numerous trucks approaching 200,000 miles. We try to replace only what is needed and to spread it out and replace one to three per year. We have two trucks that cost approximately \$75,000.00 each. We do stagger the replacement times on these two because of the cost.	\$75,000.00
TOTAL COST		<u>\$40,712,000.00</u>