

BATON ROUGE SSO

# Program

*Quarterly Progress Report*

2nd Quarter 2018



Prepared for City of Baton Rouge/East Baton Rouge Parish  
Department of Environmental Services  
Prepared by Jacobs with SIGMA Consulting Group and ILSI Engineering



## Baton Rouge Named Most Water Wise City in the U.S.

In April 2018, a month long competition hosted by the Wyland Foundation, a 501c3 non-profit organization, occurred during which citizens across America pledged to conserve water throughout the next year.

Throughout the month, over 7,150 pledges were made by Baton Rouge area residents to reduce their water use by 32.7 million gallons; this made Baton Rouge one of America's top cities with the highest percentage of residents pledging to reduce their water use.

In addition to the many adults in Baton Rouge who took the water conservation pledge, Mayor Broome specifically challenged students at schools across East Baton Rouge Parish to take the pledge as part of a competition among area schools focused on driving the greatest percentage possible of participating students.

In total, participating students and schools in East Baton Rouge Parish pledged to conserve almost 12 million gallons of water, while learning valuable information about how to uphold their pledge both in the classroom and at home.



Since taking office, Mayor Broome has focused many of her efforts on involving young citizens in the Baton Rouge community



The Mayor's Water Challenge was supported by the City-Parish Department of Environmental Services (DES) through the DES School Outreach Program. The focus of this program is to provide educational support and create meaningful connections with Baton Rouge area students related to STEM concepts and other key topics involving services or functions overseen by the Department of Environmental Services such as the East Baton Rouge Parish wastewater system, garbage collection, recycling services, and environmental compliance. For more information, visit [www.brla.gov/des](http://www.brla.gov/des).

# ACTIVE PROJECTS

Project Information				Consultant / Contractor		Schedule Information				
#	Name	Type	DES Project #	Design Consultant	Const. Contractor	Total Const. Contract	Start	Advertise for Bids	Ant. Funct. Complete	
1	Airline Hwy Pipeline Ph B	Capacity	10-GS-MS-007B	Stantec	Eutaw Const.	\$14,232,168	1/30/09	9/11/25	8/7/18	
2	Flannery Rd-Florida Blvd Area Rehab (Ph 2)	Rehab	14-AR-MS-0034	Rehab Prog. Team	Allen & LeBlanc	\$3,796,137	6/30/14	1/20/17	9/14/18	
3	N 38th St-Gus Young Ave Area Rehab	Rehab	14-AR-MS-0035	Rehab Prog. Team	Magnolia	\$2,966,557	8/29/14	3/31/17	7/15/18	
4	NWWTP Standby Generator	Master Plan	13-TP-MS-045E	CDM Smith	State Contract	\$2,000,000	-	-	9/30/18	
5	NWWTP Sustainability Improvements	Master Plan	13-TP-MS-0045	Buchart-Horn	Wharton-Smith	\$7,185,461	-	9/16/16	8/17/18	
6	Lovett Rd-Greenwell Springs Rd SAU	Capacity	10-FM-MS-0049	SJB/Owen & White	Grady Crawford	\$13,755,721	5/3/10	8/26/16	8/31/18	
7	Joor Rd-Greenwell Springs Rd SAU	Capacity	11-FM-MS-0023	TRC Engs/Digital Eng.	Grady Crawford	\$6,341,273	4/18/11	9/2/16	9/7/18	
8	NWWTP Odor Control & Sodium Hypochlorite	Master Plan	13-TP-MS-047A	CDM Smith	M. R. Pittman	\$9,990,000	-	12/23/16	9/10/18	
9	Hooper Rd Pump Stations Improvements	Capacity	10-PS-MS-0048	Stanley	Wharton-Smith	\$13,093,953	5/3/10	5/6/16	10/1/18	
10	Florida Blvd Pump Stations Improvements	Capacity	11-PS-MS-0003	Brown & Caldwell	Wharton-Smith	\$19,996,246	1/28/11	7/15/16	12/1/18	
11	Multiple Pump Stations-Prescott Rd-Greenwell	Capacity	11-PS-MS-0034	MWH	McInnis Bros.	\$7,493,680	9/19/11	10/28/16	11/15/18	
12	NWWTP Pretreatment & Grit Removal Rehab	Master Plan	13-TP-MS-047D	CDM Smith	WSI	\$7,116,000	-	4/14/17	11/21/18	
13	SCADA Master Plan	Master Plan	12-PS-MS-0021	Prog. Mgmt Team	Tesco Controls	\$17,347,171	5/13/13	6/8/12	11/30/18	
14	NWWTP General Electrical Rehab	Master Plan	13-TP-MS-047B	CDM Smith	E. P. Breaux	\$10,088,730	-	2/24/17	12/15/18	
15	NWWTP Plantwide & Master SCADA	Master Plan	13-TP-MS-047C	CDM Smith	QDS	\$2,290,000	-	-	12/20/18	
16	North WWTP Master Plan Landscape Buffer	Master Plan	13-TP-MS-001C	Eduardo Jenkins	Rotolo	\$1,031,417	3/5/13	6/8/28	12/17/18	
<b>16</b>	<b>Total Projects Under Construction</b>					<b>\$138,724,514</b>				



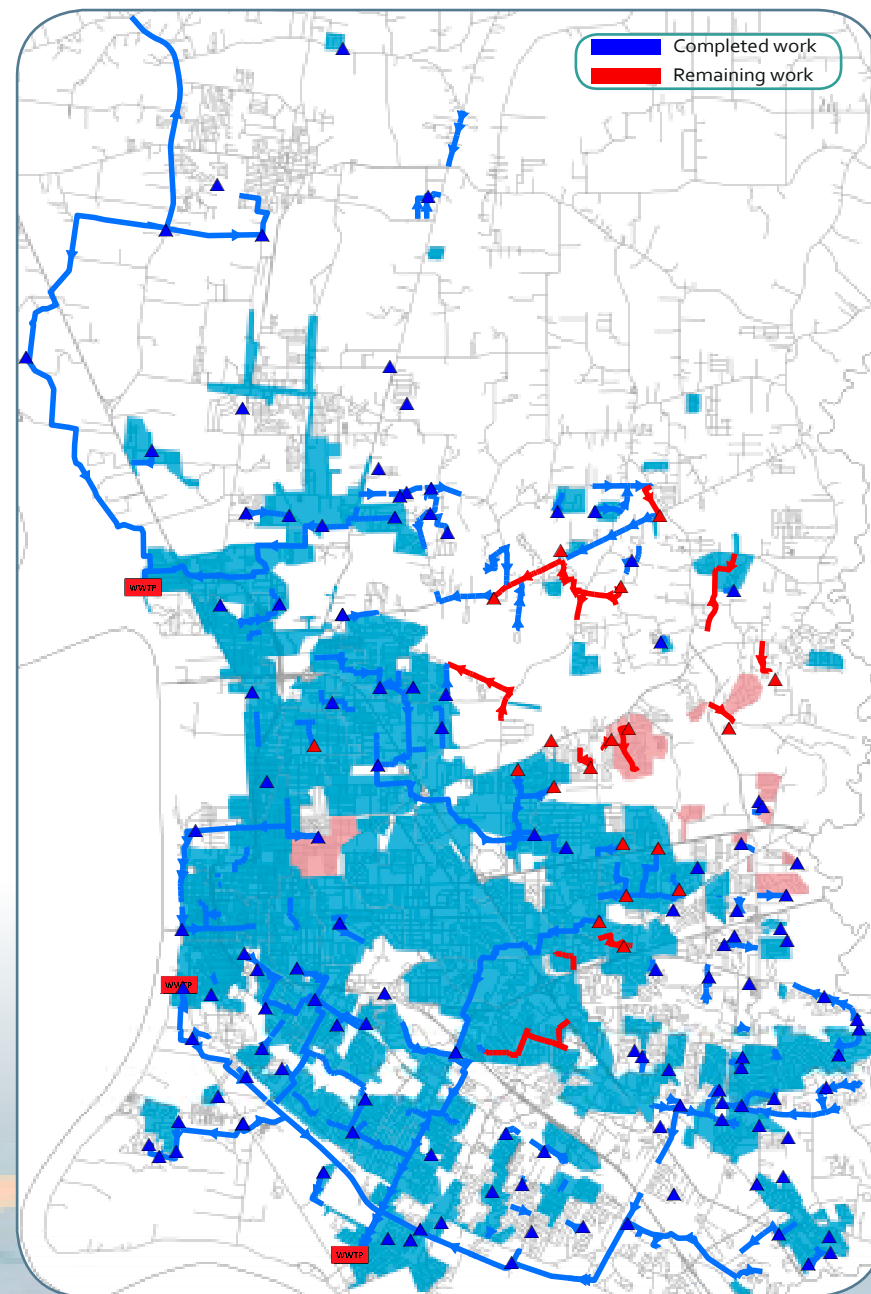
## Completed Projects

99 Program projects have been completed for a construction value of nearly \$ 1.1 billion, reducing SSOs across the City/Parish. This means that 99% of projects are either completed or under construction.

The map at right shows completed projects in blue and remaining project work in red. As the projects reach completion, the remaining work will result in a functional reduction of SSOs.

Upon completion on the SSO Program's 115 projects, the system will:

- have more than 500 pump stations in operation to pump wastewater to treatment plants
- have two wastewater treatment plants to treat wastewater so that it may safely be reintroduced to the water system
- have nearly 2,000 miles of separate gravity and pressure sewer systems
- have more than 28,000 inspected and rehabilitated manholes
- have ground storage facilities to store 120 million gallons of wastewater awaiting processing
- feature odor control buffers and systems to reduce smells
- feature improved aesthetics of sewer infrastructure through new fencing
- have a standby power system at all pump station sites
- have a computerized monitoring system (Supervisory Control and Data Acquisition - SCADA) to help monitor the system 24 hours a day, 7 days a week





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