



BATON ROUGE **SSO**

# Program

*Quarterly Progress Report*

3rd 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*

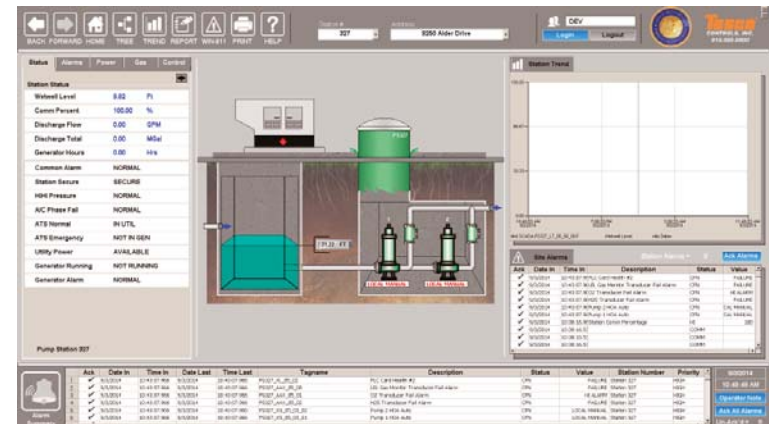


## City of Baton Rouge/East Baton Rouge Parish Department of Environmental Services (DES) attends CMOM 2018

The infrastructure built or rehabilitated because of the SSO Program will facilitate the City/Parish meeting the requirements of the Consent Decree, which necessitates the City/Parish to reduce SSOs and come into compliance with wastewater permit limits.

To be able to best maintain the newly built and rehabilitated infrastructure, Department of Environmental Services (DES) and SSO Program leadership attended a two-day workshop presented by the United States Environmental Protection Agency (EPA) on Capacity, Management, Operation, & Maintenance (CMOM) of wastewater systems. The purpose of implementing a CMOM program is to most effectively use and maintain a wastewater system – this include applying processes and procedures, conducting regular maintenance on aging or damage elements of the system, and increasing capacity as necessary.

The workshop, which occurred in August 2018, allowed regulating agencies and municipalities to share best practices of CMOM programs. It brought together over 800 attendees from a variety of perspectives, including not only municipalities and



SCADA is one way that the City/Parish operates and maintains its wastewater system.

regulatory agencies but also engineers, wastewater operators, management, and consultants. Some of the highlights of the workshop included discussing the national water pipeline infrastructure database, prioritizing basins within a system, asset management, staffing for wastewater systems especially during natural disasters, using multisensors to identify system needs in real time, and how to minimize the deposition of fats, oils, and grease (FOG) in sewers. Sharing best practices and lessons learned amongst the various represented municipalities and utilities across Texas and Louisiana resulted

For more information about DES and the SSO Program, visit [www.brla.gov/des](http://www.brla.gov/des).

# ACTIVE PROJECTS

#	Project Name	Type	DES #	Design Consultant	Const Contractor	Total Const Contract	Start	Advertise for Bids	Ant. Functionally Complete
1	Flannery Rd-Florida Blvd Area Rehab (Ph 2)	Rehab	14-AR-MS-0034	Rehab Program Team	Allen & LeBlanc	\$3,796,137	6/30/2014	1/20/2017	10/21/2018
2	NWWTP Standby Generator	Master Plan	13-TP-MS-045E	CDM Smith	State Contract	\$2,000,000	1/0/1900	1/0/1900	10/30/2018
3	Lovett Rd-Greenwell Springs Rd SAU	Capacity	10-FM-MS-0049	SJB/Owen & White	Grady Crawford	\$13,755,721	5/3/2010	8/26/2016	11/3/2018
4	NWWTP Odor Control & Sodium Hypochlorite	Master Plan	13-TP-MS-047A	CDM Smith	M. R. Pittman	\$9,990,000	-	12/23/2016	10/15/2018
5	Florida Blvd PSs Improvements	Capacity	11-PS-MS-0003	Brown & Caldwell	Wharton-Smith, Inc.	\$19,996,246	1/28/2011	7/15/2016	12/28/2018
6	Multiple PSs-Prescott Rd-Greenwell Springs Rd	Capacity	11-PS-MS-0034	MWH	McInnis Bros. Const	\$7,532,009	9/19/2011	10/28/2016	12/10/2018
7	NWWTP Pretreatment & Grit Removal Rehab	Master Plan	13-TP-MS-047D	CDM Smith	WSI	\$7,142,771	-	4/14/2017	12/10/2018
8	SCADA Master Plan	Master Plan	12-PS-MS-0021	Prog. Mgmt Team	Tesco Controls, Inc.	\$17,347,171	5/13/2013	6/8/2012	11/30/2018
9	NWWTP General Electrical	Master Plan	13-TP-MS-047B	CDM Smith	E. P. Breaux	\$10,088,730	-	2/24/2017	12/15/2018
10	NWWTP Plantwide & Master SCADA	Master Plan	13-TP-MS-047C	CDM Smith	QDS	\$2,290,000	-	-	12/20/2018
<b>10 Total Projects Under Const.</b>						<b>\$93,938,785</b>			





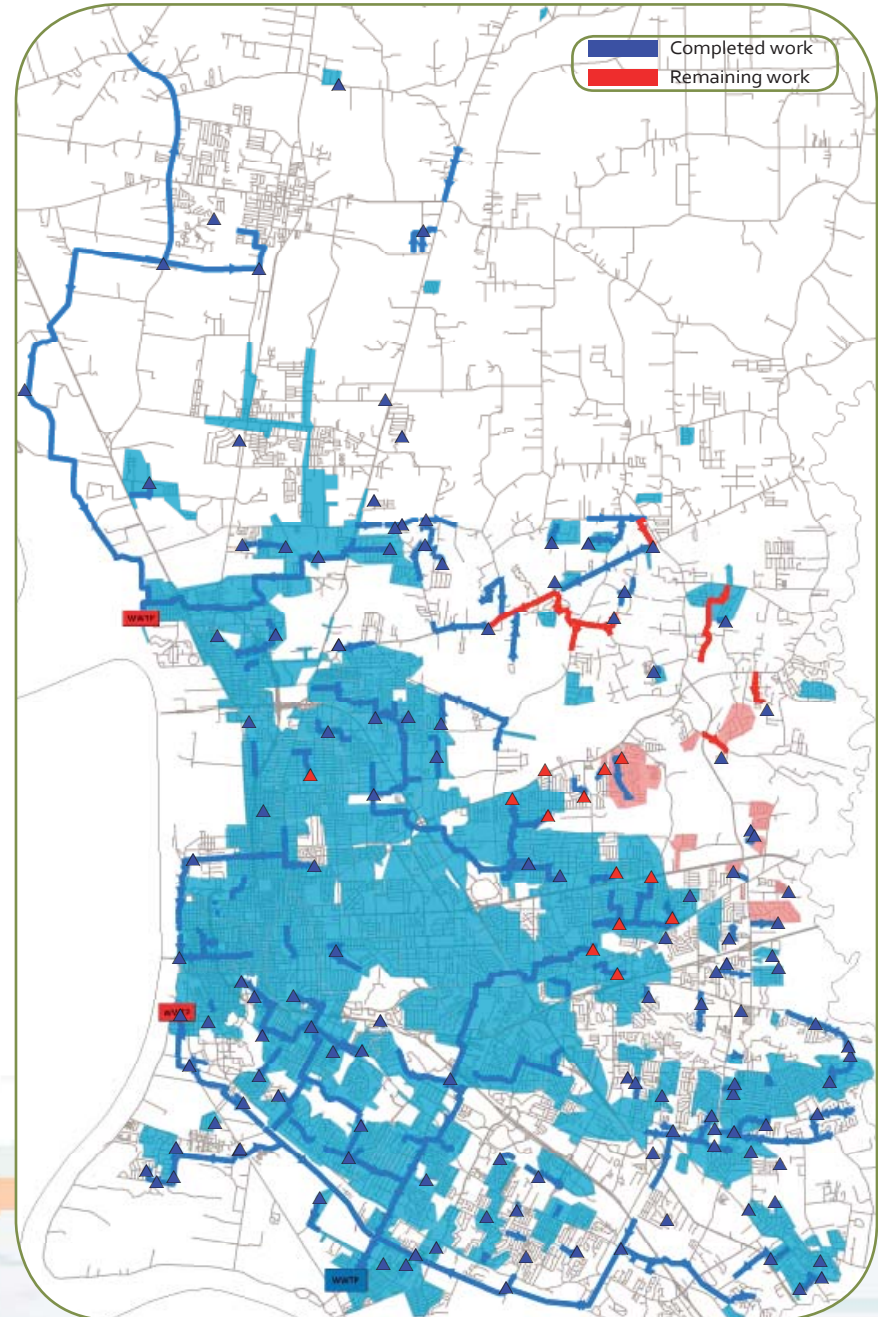
## Completed Projects

105 Program projects have been completed for a construction value of over \$ 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



# Pump Station 58

This and the cover image are of pump station 58, one of the largest pump stations in the City Parish that transports wastewater to a treatment plant with a capacity of over 83,000 gallons per minute



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