



BATON ROUGE SSO

Program

Quarterly Progress Report

4th Quarter 2017



Prepared for City of Baton Rouge/East Baton Rouge Parish
Department of Environmental Services
Prepared by CH2M in association with SIGMA Consulting Group and ILSI Engineering



Sewer Systems Dos and Don'ts *Keeping Baton Rouge's sewer system healthy*

Sewer systems are an important part of every community— without them, raw sewage would be in the streets, our rivers and lakes would be polluted, and citizens and animals would be exposed to wastes that could lead to severe illness and even death.

So how can the sewer system be kept in good working order?

First, always be careful what you put down drains-over time, these items can block sewer lines, causing raw sewage to back-up into homes and businesses, streets, and waterways. Fixing these clogs can be very expensive.

Use a trash can, compost, or recycle bin to dispose of waste. Nothing but water used in day to day activities, such as dishwashers, restrooms, sinks, etc. should go down the drain.

Do not flush “flushable” wipes which do not disintegrate quickly down the drain and into the sewer system. Sink drains should only take in dirty water - no solids or grease.

These simple measures will help us maintain a healthy sewer system.

Did you know these items should not be sent down drains?

- Dirty diapers
- Plastics
- Paper napkins
- Hair
- Medicine
- “Flushable” wipes- they ARE NOT flushable!
- Grease
- Band-aids
- Chewing gum
- Q-tips
- Ice cream
- Deceased pets



Do your part in keeping our sewer system healthy!

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	Sherwood Forest Blvd - Goodwood Blvd SAU	Capacity	11-FM-MS-0005	Forte & Tablada	Boone Services	\$10,586,000	1/3/11	12/18/15	3/25/18
2	Airline Hwy Pipeline Ph B	Capacity	10-GS-MS-007B	Stantec	Eutaw Const Co	\$14,232,168	1/30/09	9/11/15	5/20/18
3	Hooper Rd PSs Improvements	Capacity	10-PS-MS-0048	Stanley	Wharton-Smith, Inc	\$12,957,610	5/3/10	5/6/16	5/25/18
4	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	6/8/18
5	Joor Rd - Greenwell Springs Rd SAU	Capacity	11-FM-MS-0023	TRC Engs/Digital Eng	Grady Crawford	\$6,300,680	4/18/11	9/2/16	6/1/18
6	Multiple PSs - Hwy 61 - Plank Rd	Capacity	11-PS-MS-0035	GEC	Wharton-Smith, Inc	\$4,791,000	9/26/11	5/13/16	5/25/18
7	NWWTP Odor Control & Sodium Hypochlorite	Master Plan	13-TP-MS-047A	CDM Smith	M. R. Pittman	\$9,990,000	-	12/23/16	6/8/18
8	NWWTP Sustainability Improvements	Master Plan	13-TP-MS-0045	Buchart-Horn	Wharton-Smith, Inc	\$6,657,000	-	9/16/16	6/1/18
9	Flannery Rd - Florida Blvd Area Rehab (Ph 2)	Rehab	14-AR-MS-0034	Rehab Pgm Team	Allen & LeBlanc	\$3,796,137	6/30/14	1/20/17	7/19/18
10	Multiple PSs-Prescott Rd-Greenwell Springs Rd	Capacity	11-PS-MS-0034	MWH	McInnis Bros. Const	\$7,415,338	9/19/11	10/28/16	9/30/18
11	Florida Blvd PSs Improvements	Capacity	11-PS-MS-0003	Brown & Caldwell	Wharton-Smith, Inc	\$19,497,000	1/28/11	7/15/16	11/15/18
12	SCADA Master Plan	Master Plan	12-PS-MS-0021	Prog. Mgmt Team	Tesco Controls, Inc	\$17,347,171	5/13/13	6/8/12	11/30/18
13	NWWTP General Electrical Rehab	Master Plan	13-TP-MS-047B	CDM Smith	E. P. Breaux	\$9,989,000	-	2/24/17	12/15/18
14	N 38th St - Gus Young Ave Area Rehab	Rehab	14-AR-MS-0035	Rehab Pgm Team	Magnolia	\$2,966,557	8/29/14	3/31/17	8/13/18
15	NWWTP Pretreatment & Grit Removal Rehab	Master Plan	13-TP-MS-047D	CDM Smith	WSI	\$7,116,000	-	4/14/17	11/21/18
16	NWWTP Plantwide & Master SCADA	Master Plan	13-TP-MS-047C	CDM Smith	QDS	\$2,290,000			12/20/18
17	NWWTP Standby Generator	Master Plan	13-TP-MS-045E	CDM Smith	State Contract	\$2,000,000			6/30/18
17	Total Projects Under Construction					\$151,687,382			

Design Project Information				Consultant		Schedule		
#	Name	Type	DES Project #	Design Consultant	Total Const Contract	Start	Advertise for Bids	Ant. Functionally Complete
1	North WWTP Master Plan Landscape Buffer	MP	13-TP-MS-001C	Eduardo Jenkins	\$600,000	3/5/13	4/30/18	12/15/2018
1	Total Projects In Design				\$600,000			

Call
225.588.5678
with any
construction
related
questions.

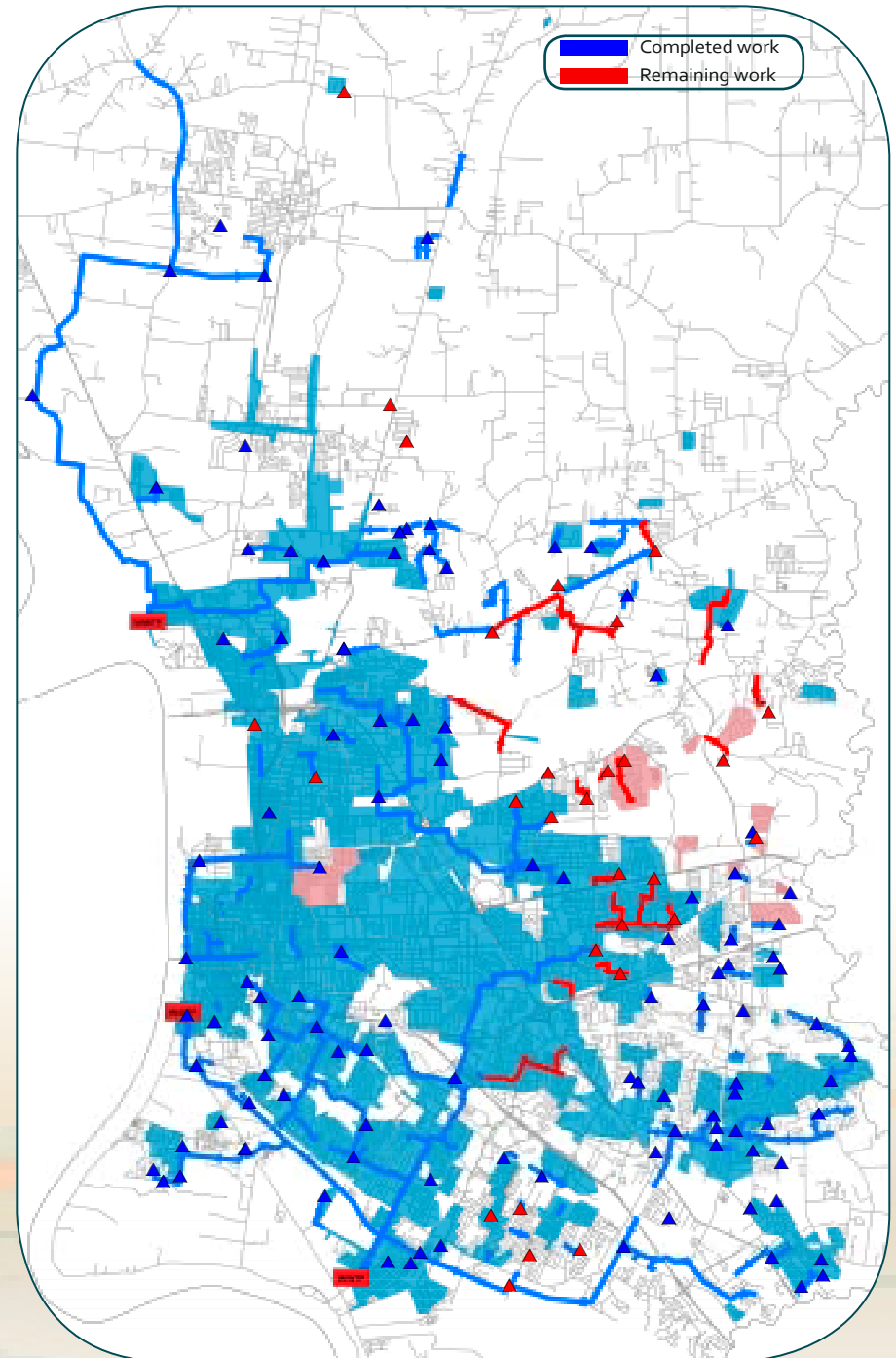
Completed Projects

97 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
- Two wastewater treatment plants to treat wastewater so that it may safely be reintroduced to the water system
- Nearly 2,000 miles of separate gravity and pressure sewer systems
- More than 28,000 inspected and rehabilitated manholes
- 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
- A standby power system at all pump station sites
- A computerized monitoring system (Supervisory Control and Data Acquisition - SCADA) to help monitor the system 24 hours a day, 7 days a week



LOOKING AHEAD...

The following projects are expected to advertise for construction bids in the coming months.

NWWTP Master Plan Landscape Buffer Area Project (13-TP-MS-0001): This project consists of designing the re-vegetation and stormwater management of 14 acres of property between the NWWTP and the residential community to the east. The landscape buffer will perform as an odor control and visual buffer for nearby residents, implement stormwater BMPs to manage stormwater on site, and establish a healthy ecosystem that promotes bio-diversity and wildlife habitat.

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