



BATON ROUGE **SSO**

Program

Quarterly Progress Report

2nd Quarter 2016



Prepared for
City of Baton Rouge/
East Baton Rouge Parish
Department of Environmental Services

Prepared by
CH2M
In Association with
SIGMA Consulting Group
ILSI Engineering

The SSO Program- One Step Toward Becoming America's Next Great City!



Generators

Backup power for the parish's pump stations

About Generators

It's never too early to start planning, and as the 2016 hurricane season approaches, the Baton Rouge SSO Program is pleased that over three quarters of the standby generators, designed to keep wastewater flowing to treatment facilities in storm events and power outages, are on location and functioning, and the remainder continue to be installed parish-wide.

Generators are placed at pump stations so that during power outages, the generators are able to provide power to the pump stations. This allows the stations to continue to move wastewater to the plants, preventing sewer overflows.

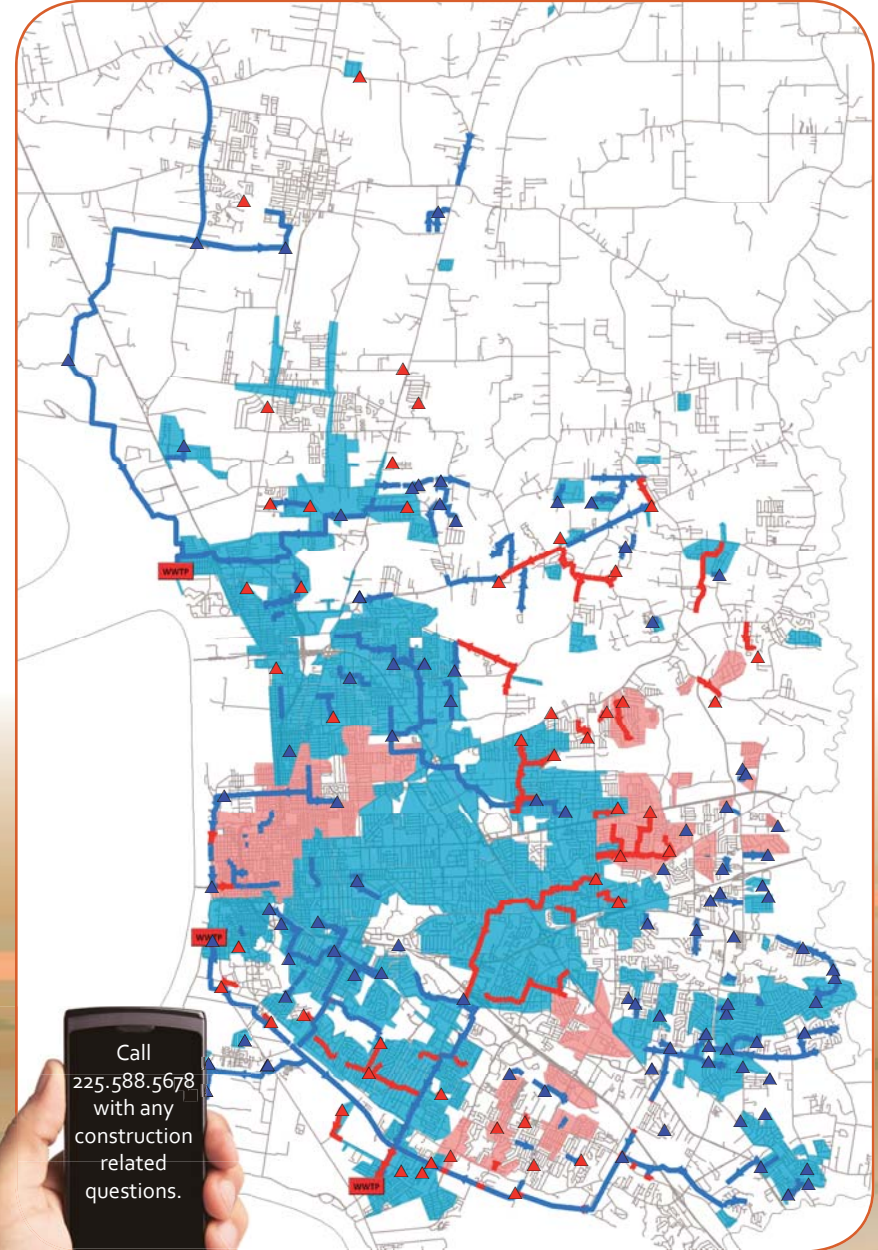
Benefits of Generators

Generators will aid in preventing backups in homes, businesses, streets, and private property. The system has proven widely successful across the Parish so far during power outages and small weather events. The Program Team is enthusiastic to see the benefits of this system as the project reaches completion, and are confident that the efforts made on this project will be an advantage to all.



Completed Projects

76 Program projects have been completed for a construction value of over \$875 M, reducing SSOs across the City/Parish. The map below shows completed projects in blue and remaining project work in red. The remaining work will result in a functional reduction of SSOs as the projects reach completion.



PROJECTS UNDER CONSTRUCTION

Project Information				Consultant / Contractor			Schedule		
#	Name	Type	DES #	Design Consultant	Construction Contractor	Total Const. Contract	Start	Advertise for Bids	Ant. Funct. Complete
1	Scenic Hwy-Spanish Town Rd Area Rehab (Ph 2)	Rehab	13-AR-MS-0032	Program Team	Grady Crawford	\$8,774,043	3/5/2013	10/10/2014	7/1/2016
2	Highland Rd-Burbank Dr SAU	Capacity	08-FM-ST-0023	GOTECH, Inc.	RACON, Inc.	\$22,433,705	3/31/2008	10/29/2010	7/31/2016
3	O'Neal Ln PSs Improvements (Grp A)	Capacity	10-PS-MS-0050	MWH	Grady Crawford	\$14,485,612	5/25/2010	10/11/2013	8/1/2016
4	O'Neal Ln PSs Improvements (Grp B)	Capacity	10-PS-MS-0051	URS Corp.	Hemphill	\$14,722,184	5/25/2010	12/20/2013	8/6/2016
5	Ardenwood Dr-Winbourne Ave Area Rehab	Rehab	13-AR-MS-0034	CSRS, Inc.	Grady Crawford	\$2,959,299	9/26/2013	3/13/2015	8/8/2016
6	Standby Generator Installations for Sewer Lift Stations	MP	09-PS-BD-0037	N/A	Grady Crawford	\$8,605,526	-	-	8/14/2016
7	South Basin Coordination	Capacity	14-FM-MS-0012	-	Hemphill	\$5,889,475	1/9/2014	10/17/2014	8/15/2016
8	Plank Rd PSs Improvements	Capacity	11-PS-MS-0024	Arcadis U.S., Inc.	Grady Crawford	\$6,126,700	4/13/2011	1/17/2014	8/16/2016
9	Highland Rd SAU (Grp A)	Capacity	11-FM-MS-004A	Evans Graves	Boone Services	\$15,633,518	1/5/2011	5/30/2014	8/19/2016
10	Siegen Ln-I-10 Area Rehab	Rehab	13-AR-MS-0033	Program Team	Allen & LeBlanc	\$4,487,980	6/10/2013	11/14/2014	8/26/2016
11	South Blvd-St Joseph St-Ph B	Capacity	08-GS-ST-018B & 09-GS-UF-008B	Hartman Eng. Shread-Kuyrkendall	JB James	\$8,464,495	6/24/2011	9/6/2013	10/5/2016
12	Highland Rd SAU (Grp B)	Capacity	11-FM-MS-004B	Evans Graves	Hemphill	\$8,719,760	1/5/2011	9/26/2014	11/13/2016
13	Multiple PSs-Highland Rd-Kenilworth Pkwy	Capacity	10-PS-MS-0009	AECOM	Wharton-Smith	\$19,578,765	2/8/2010	3/28/2014	12/4/2016
14	East Blvd-Government St Area Rehab	Rehab	12-AR-MS-0041	Program Team	Wharton-Smith	\$4,325,044	9/17/2012	6/19/2015	12/12/2016
15	ZATNIP Ph 5	Capacity	06-WC-IF-014E	SJB/Owen & White	Wharton-Smith	\$1,597,000	1/1/2013	6/12/2015	1/5/2017
16	Multiple PSs-Burbank Dr-Siegen Ln	Capacity	11-PS-MS-0026	Hartman Eng.	Hemphill	\$7,666,468	4/18/2011	11/14/2014	2/15/2017
17	Flannery Rd-Florida Blvd Area Rehab (Ph 1)	Rehab	14-AR-MS-0033	Program Team	Grady Crawford	\$4,674,811	2/10/2014	10/16/2015	2/20/2017
18	Oak Villa Blvd-Monterrey Blvd SAU	Capacity	11-FM-MS-0025	PEC	Command Const.	\$5,166,750	4/18/2011	2/12/2016	9/1/2017
19	Airline Hwy Pipeline Ph A	Capacity	10-GS-MS-007A	ABMB Eng.	Grady Crawford	\$26,774,105	1/30/2009	7/17/2015	12/12/2017
20	Airline Hwy Pipeline Ph B	Capacity	10-GS-MS-007B	ABMB Eng.	Eutaw Const. Co.	\$13,997,421	1/30/2009	9/11/2015	12/16/2017
21	Sherwood Forest Blvd-Goodwood Blvd SAU	Capacity	11-FM-MS-0005	Forte & Tablada	Boone Services	\$10,586,000	1/3/2011	12/18/2015	12/23/2017
22	Hooper Rd PSs Improvements	Capacity	10-PS-MS-0048	Stanley	TBD	\$10,700,000	5/3/2010	5/6/2016	3/26/2018
23	Multiple PSs-Hwy 61-Plank Rd	Capacity	11-PS-MS-0035	GEC	TBD	\$5,600,000	9/26/2011	5/13/2016	4/4/2018
24	North WWTP MP & Sustainability Improvements	MP	13-TP-MS-0045 & 13-TP-MS-0047	CDM Smith / Buchart-Horn	TBD	\$50,000,000	1/30/2012	4/1/2016	10/27/2018
25	SCADA MP	MP	12-PS-MS-0021	Prog. Mgmt Team	Tesco Controls	\$15,876,131	5/13/2013	6/8/2012	5/11/2019
26	Central WWTP Decommissioning	MP	14-TP-MS-0016	Prog. Mgmt Team	Clean Harbors	\$250,000	6/30/2016	7/15/2016	10/31/2016
26 Total Projects Under Construction						\$298,094,792			

PROJECTS IN DESIGN

Project Information				Consultant / Contractor		Schedule		
#	Name	Type	DES #	Design Consultant	Total Construction Contract	Start	Advertise for Bids	Ant. Funct. Complete
1	Florida Blvd PSs Improvements	Capacity	11-PS-MS-0003	Brown & Caldwell	\$16,050,000	1/28/2011	7/15/2016	7/6/2018
2	Joor Rd-Greenwell Springs Rd SAU	Capacity	11-FM-MS-0023	TRC Engineers / Digital Engineering & Imaging	\$4,515,000	4/18/2011	7/22/2016	4/5/2018
3	Lovett Rd-Greenwell Springs Rd SAU	Capacity	10-FM-MS-0049	SJB/Owen & White	\$16,500,000	5/3/2010	7/22/2016	6/14/2018
4	MPS-Prescott Rd-Greenwell Springs Rd	Capacity	11-PS-MS-0034	MWH	\$6,500,000	9/19/2011	8/5/2016	5/10/2018
5	Flannery Rd-Florida Blvd Area Rehab (Ph 2)	Rehab	14-AR-MS-0034	Program Team	\$4,275,000	7/7/2014	8/17/2016	2/1/2018
6	N 38th St-Gus Young Ave Area Rehab	Rehab	14-AR-MS-0035	Program Team	\$3,300,000	8/25/2014	9/16/2016	12/15/2017
7	North WWTP MP Landscape Buffer Area	MP	13-TP-MS-0001	TBD	\$600,000	3/5/2013	10/28/2016	3/7/2018
8	Environmental Services Facility	MP	09-PS-UF-009A	CDM Smith	\$12,000,000	10/22/2010	11/18/2016	4/3/2018
8 Total Projects In Design					\$63,740,000			

LOOKING AHEAD...

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

Florida Blvd Pump Stations Improvements Project (11-PS-MS-0003): This pump station project involves upgrading or replacing 8 pump stations with peak wet weather pumping capacity between 530 GPM and 21,240 GPM.

Joor Rd-Greenwell Springs Rd Sewer Area Upgrades (11-FM-MS-0023): This capacity project involves up sizing 4,960 LF of gravity main ranging between 10 and 12 in. in diameter and constructing 15,830 LF of force main ranging between 8 and 24 in. in diameter.

Lovett Rd-Greenwell Springs Rd Sewer Area Upgrades (10-FM-MS-0049): This capacity project involves up sizing 450 LF of gravity main with a diameter of 12 in. in diameter and constructing 46,550LF of force main ranging between 8 and 36 in. in diameter.

Multiple Pump Stations: Prescott Road – Greenwell Springs Road (11-PS-MS-0034): This pump station project involves upgrading or replacing 7 pump stations with peak wet weather pumping capacity between 420 GPM and 11,200 GPM.

Flannery Rd - Florida Blvd Area Rehabilitation Project (Phase 2) (14-AR-MS-0034): This Rehabilitation project consist of correcting defects in the system in the area of Flannery Rd and Florida Blvd.

N 38th St. – Gus Young Ave Area Rehabilitation Project (14-AR-MS-0035): This rehabilitation project consists of correcting defects in the system in the area of N 38th and Gus Young.

North Wastewater Treatment Plant and Sustainability Improvements Project (13-TP-MS-0045 & 13-TP-MS-0047): This treatment plant project involves replacing the gas mixing system on the anaerobic digesters with a new hydraulic mixing system, installing new equipment including a boiler fueled with digester or natural gas, converting the existing boiler to be fueled with digester or natural gas, replacing sludge heat exchangers, sludge recirculation pumps, belt filter press feed pumps, and a gas flare.

2nd Quarter 2016

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