



BATON ROUGE SSO

Program

Quarterly Progress Report

3rd 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!



Central Wastewater Treatment Plant Closure

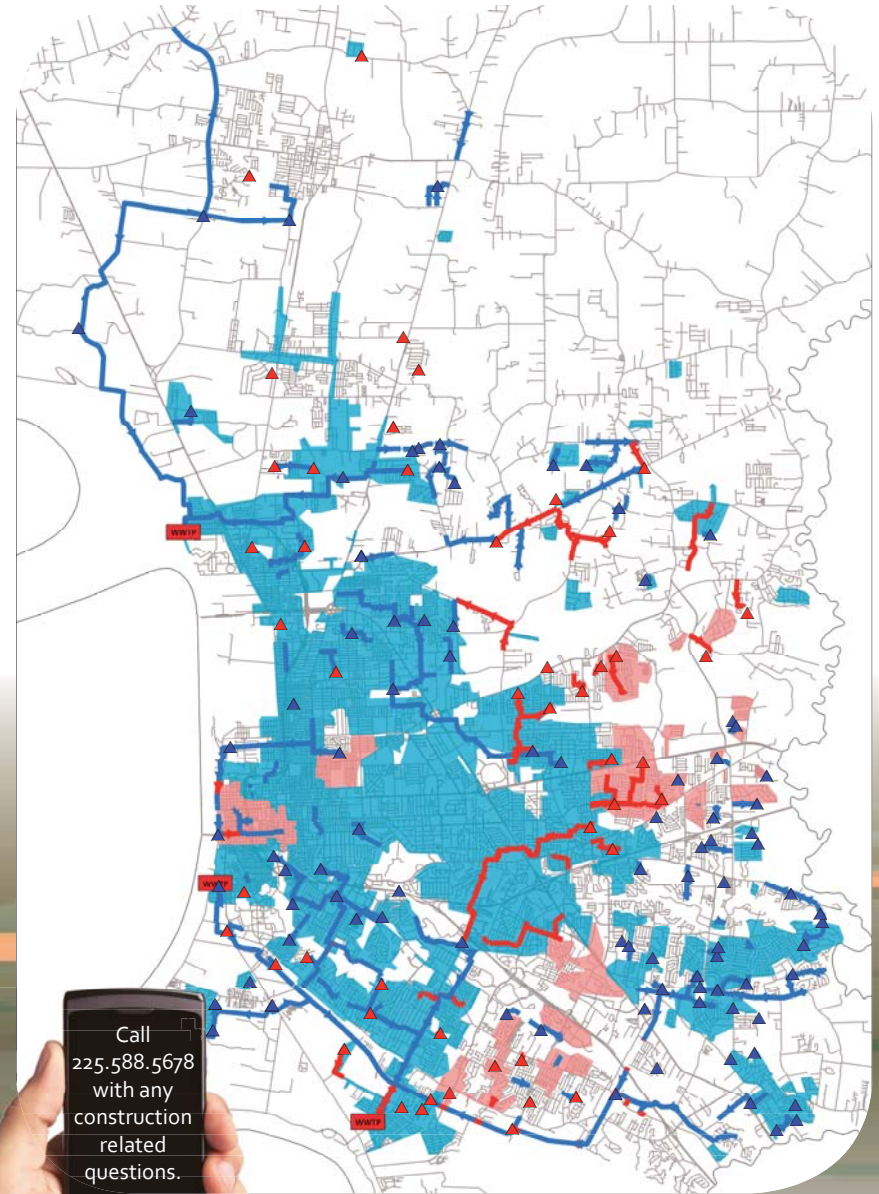
After having served the City/Parish's downtown, mid-city, and LSU areas for over 55 years, the Central Wastewater Treatment Plant has been decommissioned and the land will be available for repurposing. Mayor Holden stated that he "expect[s] [the Nicholson Corridor] to be one of the next great hubs for economic growth and activity in the coming years." As planned, flows from the Central Wastewater Treatment Plant were successfully transferred to the South Wastewater Treatment Plant July 2016. The Central Wastewater Treatment Plant's official closure occurred October 4, 2016, with a ceremony attended by Mayor-President "Kip" Holden, Councilwoman Tara Wicker, Chief Administrative Officer William Daniel, and DES and CH2M staff.

Through value engineering, it was discovered that having all flows transmitted to the South Wastewater Treatment Plant would save the City/Parish \$25 M over 25 years in operations and maintenance costs. After this determination was made, an agreement was made with the EPA to close the plant in 2013.



Completed Projects

79 Program projects have been completed for a construction value of nearly \$910 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

Information				Consultant / Contractor			Schedule Information		
#	Name	Type	DES #	Design Consultant	Const. Contractor	Total Const. Contract	Start	Advertise for Bids	Ant. Funct. Complete
1	Plank Rd PSs Improvements	Capacity	11-PS-MS-0024	Arcadis U.S., Inc.	Grady Crawford	\$6,126,700	4/13/2011	1/17/2014	10/30/2016
2	O'Neal Ln PSs Improvements (Grp A)	Capacity	10-PS-MS-0050	MWH	Grady Crawford	\$14,485,612	5/25/2010	10/11/2013	11/1/2016
3	Highland Rd SAU (Grp B)	Capacity	11-FM-MS-004B	Evans Graves	Hemphill	\$8,000,945	1/5/2011	9/26/2014	11/13/2016
4	Siegen Ln-I-10 Area Rehab	Rehab	13-AR-MS-0033	Rehab Program Team	Allen & LeBlanc	\$4,487,980	6/10/2013	11/14/2014	11/15/2016
5	Highland Rd-Burbank Dr SAU	Capacity	08-FM-ST-0023	GOTECH, Inc.	RACON, Inc.	\$22,433,705	3/31/2008	10/29/2010	12/1/2016
6	South Blvd-St Joseph St-Ph B	Capacity	08-GS-ST-018B & 09-GS-UF-008B	Hartman Engineering Shread-Kuyrkendall	JB James	\$9,182,686	6/24/2011	9/6/2013	12/3/2016
7	MPSs-Highland Rd-Kenilworth Pkwy	Capacity	10-PS-MS-0009	AECOM	Wharton-Smith	\$20,777,565	2/8/2010	3/28/2014	12/4/2016
8	East Blvd-Government St Area Rehab	Rehab	12-AR-MS-0041	Rehab Program Team	Wharton-Smith	\$4,325,044	9/17/2012	6/19/2015	12/12/2016
9	O'Neal Ln PSs Improvements (Grp B)	Capacity	10-PS-MS-0051	URS Corp.	Hemphill	\$14,722,184	5/25/2010	12/20/2013	12/15/2016
10	Standby Generator Installations	MP	09-PS-BD-0037	N/A	Grady Crawford	\$8,605,526	-	-	12/31/2016
11	South Basin Coordination	Capacity	14-FM-MS-0012	-	Hemphill	\$5,889,475	1/9/2014	10/17/2014	1/30/2017
12	ZATNIP Ph 5	Capacity	06-WC-IF-014E	SJB/Owen & White	Wharton-Smith	\$1,597,000	1/1/2013	6/12/2015	1/30/2017
13	MPSs-Burbank Dr-Siegen Ln	Capacity	11-PS-MS-0026	Hartman Engineering	Hemphill	\$7,666,468	4/18/2011	11/14/2014	2/15/2017
14	Flannery Rd-Florida Blvd Area Rehab (Ph 1)	Rehab	14-AR-MS-0033	Rehab Program Team	Grady Crawford	\$4,674,811	2/10/2014	10/16/2015	2/20/2017
15	Oak Villa Blvd-Monterrey Blvd SAU	Capacity	11-FM-MS-0025	PEC	Command Const.	\$5,166,750	4/18/2011	2/12/2016	8/9/2017
16	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
17	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
18	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
19	Hooper Rd PSs Improvements	Capacity	10-PS-MS-0048	Stanley	Wharton-Smith	\$10,700,000	5/3/2010	5/6/2016	3/23/2018
20	MPSs-Hwy 61-Plank Rd	Capacity	11-PS-MS-0035	GEC	Wharton-Smith	\$5,600,000	9/26/2011	5/13/2016	3/30/2018
21	Lovett Rd-Greenwell Springs Rd SAU	Capacity	10-FM-MS-0049	SJB/Owen & White	TBD	\$17,300,000	5/3/2010	8/26/2016	4/4/2018
22	Joor Rd-Greenwell Springs Rd SAU	Capacity	11-FM-MS-0023	TRC Engineers / Digital Eng. & Imaging	TBD	\$8,000,000	4/18/2011	9/2/2016	4/13/2018
23	NWWTP Sustainability Improvements	MP	13-TP-MS-0047	-	TBD	\$4,568,300	-	9/16/2016	4/30/2018
24	MPSs-Prescott Rd-Greenwell Springs Rd	Capacity	11-PS-MS-0034	MWH	TBD	\$8,400,000	9/19/2011	9/9/2016	6/7/2018
25	Florida Blvd PSs Improvements	Capacity	11-PS-MS-0003	Brown & Caldwell	TBD	\$16,050,000	1/28/2011	7/15/2016	6/29/2018
26	SCADA Master Plan	MP	12-PS-MS-0021	Prog. Mgmt Team	Tesco Controls	\$17,160,877	5/13/2013	6/8/2012	5/11/2019
26 Total Projects Under Construction						\$277,279,154			

Information				Consultant / Contractor		Schedule Information		
#	Name	Type	DES #	Design Consultant	Total Const. Contract	Start	Advertise for Bids	Ant. Funct. Complete
1	Flannery Rd-Florida Blvd Area Rehab (Ph 2)	Rehab	14-AR-MS-0034	Rehab Program Team	\$4,275,000	7/7/2014	11/18/2016	5/8/2018
2	NWWTP Odor Control & Sodium Hypochlorite	MP	13-TP-MS-045A		\$8,793,318	-	11/18/2016	4/3/2018
3	N 38th St-Gus Young Ave Area Rehab	Rehab	14-AR-MS-0035	Rehab Program Team	\$3,300,000	8/25/2014	12/2/2016	3/3/2018
4	Environmental Services Facility	MP	09-PS-UF-009A	CDM Smith	\$12,000,000	10/22/2010	12/16/2016	4/26/2018
5	NWWTP General Electrical Rehab	MP	13-TP-MS-045B		\$10,000,000	-	12/23/2016	6/12/2018
6	NWWTP Master Plan Landscape Buffer Area	MP	13-TP-MS-0001	TBD	\$600,000	3/5/2013	1/6/2017	4/7/2018
7	NWWTP Pretreatment & Grit Removal Rehab	MP	13-TP-MS-045D		\$5,000,000	-	1/6/2017	2/11/2018
8	NWWTP Standby Generator	MP	13-TP-MS-045E		\$4,000,000	-	7/21/2017	4/3/2018
9	NWWTP Plantwide & Master SCADA	MP	13-TP-MS-045C		\$4,000,000	-	9/8/2017	10/19/2018
10	CWWTP Decommissioning	MP	14-TP-MS-0016	-	\$2,000,000	10/17/2014	-	7/27/2018
10 Total Projects In Design					\$53,968,318			

LOOKING AHEAD...

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

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.

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.

NWWTP Sustainability Improvements Project (13-TP-MS-0047): This project consists of piping modifications in Digester 1, 2, and 3; wall insulation for Digester 3; digester mixing system heat exchangers and boilers; digester sludge recirculation and belt press feed pumps; digester gas safety equipment; and associated electrical/I&C work. It also includes Yard piping; site improvements; HVAC work; Structural work; Architectural work; demolition work and legal off-site disposal of demolished items; and other miscellaneous work.

NWWTP Odor Control & Sodium Hypochlorite Project (13-TP-MS-045A): This project consists of installation of a new sodium hypochlorite disinfection system; rebuild of the existing non-potable water pump system; odor control systems; and associated electrical/I&C work. It also includes yard piping; civil/site work; HVAC work; structural work; architectural work; demolition work and legal off-site disposal of demolished items; and other miscellaneous work.

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.

NWWTP General Electric Rehabilitation Project (13-TP-MS-045B): This project consists of plant wide electrical upgrade work, mainly associated with the electrical distribution system. The work also includes I&C work; structural work; architectural work; HVAC work; demolition work and legal off-site disposal of demolished items; and other miscellaneous work.

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