



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 51

---

**January 21, 2015**



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, La 70821

January 21, 2015

### CERTIFIED – RETURN RECEIPT REQUESTED

Chief,  
Water Enforcement Branch (6EN-W)  
Compliance Assurance and Enforcement Division  
U.S. Environmental Protection Agency, Region VI  
1445 Ross Avenue  
Dallas, Texas 75202-2733

Re: City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Fifty First Quarterly Report - **Period Ending December 31, 2014**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 51<sup>st</sup> Consent Decree Quarterly Report covering activities for the quarter ending December 31, 2014. An Executive Summary is included in the beginning of this report that describes the progress of compliance related activities of the program during the past quarter. In addition, this report contains a summary of compliance with and activities related to:

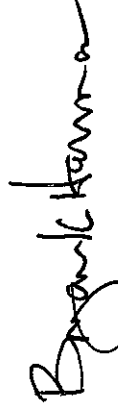
- Cross Connection Elimination Plan
- Collection System Preventive Maintenance Program (PMP)
- Sanitary Sewer Overflow Response Plan (SSORP)
- Reporting of Unauthorized Discharges
- Consent Decree Compliance Status

These activities are described in Sections VIII, IX, X, XI, XX and XXI of the Consent Decree.

Pursuant to Paragraph 49 and 117 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits for review and approval three copies of the 51<sup>st</sup> Consent Decree Quarterly Report to the US EPA and LDEQ and one copy to the US DOJ and City/Parish DPW.

I certify that the information contained in or accompanying this Fifty First quarterly report is true, accurate and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

Sincerely,



Bryan Harmon, PE  
Interim Public Works Director

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President  
Mr. William B. Daniel, IV, PE, Chief Administrative Officer  
Chief, Environmental Enforcement Section, US DOJ  
Mr. Bobby Mayweather, LDEQ  
Ms. Peggy Hatch, LDEQ  
Ms. Mona Tate, US EPA Region 6  
Mr. Carlos Zequeira, (6RC-EA)  
Ms. Gladys Gooden-Jackson, (6EN-WC)  
Ms. Lea Lanne Batson  
Mr. Joshua Crowe, CH2MHILL  
Ms. Karen Johnson, CH2MHILL  
Ms. Susan Douglas, CH2MHILL  
Mr. Adam Smith  
Mr. Amy Schulze  
Ms. Cheryl Berry  
Mr. Stan Redmond  
Mr. Mark LeBlanc  
Mr. John Ward  
Mr. Mitch O'Brien

**CITY-PARISH DEPARTMENTAL MEMORANDUM  
WASTEWATER TREATMENT AND DISPOSAL DIVISION**

2850 Gardere Lane  
Baton Rouge, LA 70820

**Date:** January 21, 2015


**To:** Mr. Charles "Mitch" O'Brien, Wastewater Treatment and Disposal Division  
Mr. Stan Redmond, Wastewater Collection Division  
Mr. E. J. Amato, Field Engineering Division

**From:** Ms. Cheryl Berry, P.E., Wastewater Treatment and Disposal Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Fifty First Quarterly Report – Period Ending December 31, 2014  
Data Review

Sir or Madam:

Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Fifty First Quarterly Report. Once the review of your portion of data is complete and corrected, please sign below the paragraph stating that fact and return for processing.

Sincerely,  
  
Cheryl D. Berry, PE  
Wastewater Treatment and Disposal Division

I certify that the information contained in or accompanying the portion of the Fifty First Quarterly Report that I am responsible for is true, accurate, and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.



**xc:** Document Control

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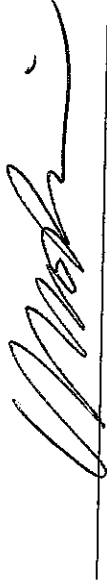
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Wastewater Treatment and Disposal Division

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2850 Gardere Lane  
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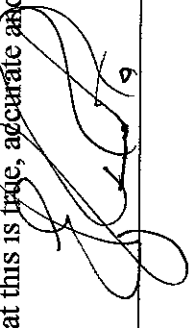
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1-21-2015

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# 51st Quarterly Report - Executive Summary

## General Overview

On March 14, 2002, the City of Baton Rouge, Louisiana and the Parish of East Baton Rouge, Louisiana (collectively "the City/Parish") entered into a Consent Decree with the United States and the State of Louisiana. Since that time an Agreement and Order Regarding the Modification of the Consent Decree was lodged with the court in late 2008 and was approved by the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ) in April 2009. This 2009 Consent Decree Modification specifically adopts the City/Parish's September 2008 Second Remedial Measures Action Plan (RMAP2). In addition, in late 2012 the City/Parish submitted a request for compliance schedule extension which was approved by DOJ, EPA, and LDEQ on June 16, 2013 in the *Revised Second Agreement and Order Regarding the Modification of the Consent Decree* (aka *Revised Second Consent Decree Modification*) which was included as *Attachment 1--Revised Second Agreement and Order Regarding the Modification of the Consent Decree* at the end of the 45<sup>th</sup> Quarterly EPA Report.

The following Quarterly Progress Report is hereby submitted to fulfill the reporting requirements described in Section XVIII - Reporting, of the 2002 Consent Decree. The sections in this Executive Summary and in the rest of this Quarterly Report highlight the work associated with the 2002 Consent Decree, the 2009 Consent Decree Modification, and the 2013 Revised Second Consent Decree Modification, which took place during the quarter ending December 31, 2014.

## Report Organization

The report organization and description of what is included in each section of the Quarterly Report is as follows:

*Executive Summary* - This section herein, summarizes regulatory submittals, and activities that took place during the past quarter in addition to describing those items awaiting submittal/approval. This section also summarizes the compliance with and activities related to the implementation of the First Remedial Measures Action Plan (RMAP1) and Second Remedial Measures Action Plan (RMAP2) projects, including the status of design/construction projects in comparison to the schedules that have been established pursuant to the Consent Decree for those projects; and schedule deadlines and milestones achieved during the calendar quarter, as well as those expected to be achieved during the next quarter.

*Summary of Activity Totals* - This table summarizes the overall City/Parish service area maintenance activities per quarter.

*Preventative Maintenance Plan Summary Totals (North, Central, and South)* - These tables detail the maintenance activities performed by the North, South, and Central areas.

*Part A: Cross-Connection Elimination Plan* - This section summarizes any cross-connections identified and eliminated during the reporting period.

*Part B: Preventative Maintenance Program* - This section provides a brief description of preventative maintenance activities that took place during the reporting period.

*Part C: Sanitary Sewer Overflow Response Plan* - This section briefly summarizes activities related to compliance/noncompliance with the Sanitary Sewer Overflow Response Plan (SSORP) requirements of the Consent Decree during the reporting period.

*Part D: Reporting of Unauthorized Discharges* - This section summarizes the details of each unauthorized discharge occurring during the reporting period.

*Part E: Consent Decree Compliance Status* – This section briefly summarizes whether or not the City/Parish is in compliance or non-compliance with the Consent Decree.

*Part F: Supplemental Environmental Projects (SEP)* – This section summarizes the status of the SEP projects. However, since at this time all SEP projects have been completed in previous reporting periods and the final SEP Completion Report has also been submitted, there isn't anything to report at this time. Therefore, this section is not included in the Quarterly Report for this reporting period.

The rest of this section highlights activities that are to be addressed in the Executive Summary Section of the Quarterly Report. Additionally, the remainder of the Quarterly Report sections is attached as well.

## Summary of Regulatory Actions (Quarter Ending December 31, 2014)

This portion of the Executive Summary highlights significant dates on which the City/Parish submitted deliverables to the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ). Additionally, this list also captures all meetings and phone conversations that have taken place during the past quarter with parties listed.

## History of Submittals

A summary of important regulatory submittals to date provided by the City/Parish to the EPA and LDEQ is presented in Table 1.

TABLE 1 DOJ, EPA and LDEQ Submittal History			
Name	Date Submitted	Additional Information	
Sewer System Model Verification and Revised Second Remedial Action Plan	November 2006	Submittal of CDM's 2005 RMAP2 Report with changes in the South WWTP Projects	
Addressing Existing Noncompliance Issues and Future Wet Weather Flow Management Requirements at the South WWTP	January 2007	Summary of findings/recommendations for the South WWTP	
EPA RMAP2 Approval Letter	July 2007	EPA Letter Approving November 2006 Submittal and South WWTP recommendations. Disapproved interim limits and left for further discussion the time extension request due to hurricanes	
South WWTP Summary of Immediate Action Plan Projects	October 2007	Summary of IAP projects to date, per EPA phone request on October 12, 2008	
EPA RMAP1 Project Status Report	December 2007	Summary of RMAP1 projects to date, including request for time extension	
EPA Prioritization Submittal	April 2008	Summary of program/RMAP2 prioritization, maps, draft milestones, per EPA phone request on February 12, 2008	
EPA Memorandum - Consolidation of South and Central Wastewater Treatment Plants in Baton Rouge, Louisiana	August 2008	City/Parish request "no objection" for the retirement of the Central WWTP	
Request for Modification to the Approved RMAP2 Submittal - Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program	September 2008	City/Parish formal RMAP2 Submittal	



**TABLE 1**  
DOJ, EPA and LDEQ Submittal History

Name	Date Submitted	Additional Information
Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	January 2009	City/Parish draft response to public comments regarding the Consent Decree Modification
Updated Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	February 2009	City/Parish final response to public comments regarding the Consent Decree Modification
Signed Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	April 2009	DOJ/EPA approval of the <i>Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program Report</i> submitted by the City/Parish in September 2008 also included as an attachment in the signed Agreement and Order.
Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	July 2011	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule (3 years)
Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	October 2012	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule (4 years)
Signed Revised Second Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	June 2013	DOJ/EPA approval of the City/Parish 4 year extension request from October 2012 (revised compliance schedule is included as an attachment in the signed Agreement and Order)

As of December 31, 2014 there have been 69 Consent Decree reporting deliverables submitted on or ahead of schedule. The reporting details are shown in Table 2 below.

**TABLE 2**  
Summary of Consent Decree Reporting Deliverables

	Deadline	Completion	Resubmission/ Update
Quarterly Reports			
	50 <sup>th</sup>	31-Oct-14	20-Oct-14
	49 <sup>th</sup>	31-Jul-14	22-July-14
	48 <sup>th</sup>	30-Apr-14	21-Apr-14
	47 <sup>th</sup>	31-Jan-14	21-Jan-14
	46 <sup>th</sup>	31-Oct-13	18-Oct-13
	45 <sup>th</sup>	31-Jul-13	24-Jul-13
	44 <sup>th</sup>	30-Apr-13	19-Apr-13
	43 <sup>rd</sup>	31-Jan-13	25-Jan-13
	42 <sup>nd</sup>	31-Oct-12	23-Oct-12
	41 <sup>st</sup>	31-Jul-12	25-Jul-12
			1-Aug-13

**TABLE 2**  
**Summary of Consent Decree Reporting Deliverables**

Quarterly Reports		Deadline	Completion	Resubmission/ Update
	40 <sup>th</sup>	30-Apr-12	26-Apr-12	
	39 <sup>th</sup>	31-Jan-12	26-Jan-12	
	38 <sup>th</sup>	31-Oct-11	26-Oct-11	
	37 <sup>th</sup>	31-Jul-11	27-Jul-11	
	36 <sup>th</sup>	30-Apr-11	27-Apr-11	
	35 <sup>th</sup>	31-Jan-11	28-Jan-11	
	34 <sup>th</sup>	31-Oct-10	25-Oct-10	
	33 <sup>rd</sup>	31-Jul-10	26-Jul-10	
	32 <sup>nd</sup>	30-Apr-10	26-Apr-10	
	31 <sup>st</sup>	31-Jan-10	25-Jan-10	
	30 <sup>th</sup>	31-Oct-09	23-Oct-09	
	29 <sup>th</sup>	31-Jul-09	24-Jul-09	
	28 <sup>th</sup>	30-Apr-09	24-Apr-09	
	27 <sup>th</sup>	31-Jan-09	30-Jan-09	
	26 <sup>th</sup>	31-Oct-08	17-Oct-08	
	25 <sup>th</sup>	31-Jul-08	25-Jul-08	
	24 <sup>th</sup>	30-Apr-08	20-Apr-08	
	23 <sup>rd</sup>	31-Jan-08	23-Jan-08	
	22 <sup>nd</sup>	31-Oct-07	23-Oct-07	
	21 <sup>st</sup>	31-Jul-07	23-Jul-07	
	20 <sup>th</sup>	30-Apr-07	25-Apr-07	
	19 <sup>th</sup>	31-Jan-07	26-Jan-07	
	18 <sup>th</sup>	31-Oct-06	25-Oct-06	
	17 <sup>th</sup>	31-Jul-06	28-Jul-06	
	16 <sup>th</sup>	30-Apr-06	24-Apr-06	
	15 <sup>th</sup>	31-Jan-06	23-Jan-06	
	14 <sup>th</sup>	31-Oct-05	21-Oct-05	
	13 <sup>th</sup>	31-Jul-05	15-Jul-05	
	12 <sup>th</sup>	30-Apr-05	11-Apr-05	
	11 <sup>th</sup>	31-Jan-05	24-Jan-05	
	10 <sup>th</sup>	31-Oct-04	27-Oct-04	
	9 <sup>th</sup>	31-Jul-04	26-Jul-04	
	8 <sup>th</sup>	30-Apr-04	23-Apr-04	
	7 <sup>th</sup>	31-Jan-04	30-Jan-04	
	6 <sup>th</sup>	31-Oct-03	30-Oct-03	
	5 <sup>th</sup>	31-Jul-03	17-Jul-03	
	4 <sup>th</sup>	30-Apr-03	24-Apr-03	
	3 <sup>rd</sup>	31-Jan-03	27-Jan-03	
	2 <sup>nd</sup>	31-Oct-02	23-Oct-02	
	1 <sup>st</sup>	31-Jul-02	23-Jul-02	

**TABLE 2**  
**Summary of Consent Decree Reporting Deliverables**

	Deadline	Completion	Resubmission/ Update
Quarterly Reports			
Annual Reports			
	2013	31-Jan-14	30-Jan-14
	2012	31-Jan-13	29-Jan-13
	2011	31-Jan-12	28-Jan-12
	2010	31-Jan-11	28-Jan-11
	2009	31-Jan-10	31-Jan-10
	2008	31-Jan-09	31-Jan-09
	2007	31-Jan-08	31-Jan-08
	2006	31-Jan-07	27-Jan-07
	2005	31-Jan-06	24-Jan-06
	2004	31-Jan-05	31-Jan-05
	2003	31-Jan-04	30-Jan-04
	2002	31-Jan-03	29-Jan-02
Collection System PMP Plan	30-Mar-01	29-Mar-01	
Treatment Plant PMP Plan	30-Mar-01	29-Mar-01	
Treatment Facility Assessment Report	30-Mar-02	26-Mar-02	
SEP Completion Report	15-Sep-04	10-Sep-04	
2 <sup>nd</sup> RMAP Report	1-Dec-02	20-Nov-02	8-Sep-08
RMAP1 Completion Report	30-Apr-11	27-Apr-11	
Updated Outreach and Public Awareness Plan		13-Nov-01	27-Apr-11

## **RMAP1 Status and Schedule for Completion**

The RMAP1 projects listed in Exhibit F of the Consent Decree were those projects common to the alternatives presented in Section XII - Remedial Measures: Collection System Remedial Program of the Consent Decree. There are a total of nineteen of these "common" projects that were identified through various modeling and Value Engineering efforts associated with the original Sanitary Sewer Overflow (SSO) Corrective Action Plan developed by Montgomery Watson (MWH) sometime in 1998. These projects were common to the alternative plans presented in the Consent Decree that were focused on utilizing deep tunnels/storage in order to control the SSO's throughout the City/Parish's wastewater collection system. The phased implementation of these RMAP1 projects initially began sometime at the end of 1999 and the beginning of 2000. These projects were planned to start and finish at different times due to funding constraints, etc.

Since the date of entry into the Consent Decree, the City/Parish has been diligently working on the design and construction of these RMAP1 projects and has completed most of them either on, or ahead of schedule. However, during the planned execution of these projects significant events have taken place with the change in technical approach of the Collection System Remedial Program that affected some of these projects.

In the years 2004 and 2005, the City/Parish decided to re-evaluate the planned technical approach of their Collection System Remedial Program, while in the process of executing the RMAP1 projects. Their review resulted in a momentous change in technical approach from deep tunnels and storage, to sewer rehabilitation. Therefore, the original RMAP1 projects not yet begun were all re-examined, and some wound up not fitting into the "new" plan. These projects were then shelved, and others were re-evaluated to see if they fit into the new plan. During this time period the City/Parish's consultants that were hired to help plan and execute these projects changes as well. CH2M HILL is currently the City/Parish's consultant for the SSO Control and Wastewater Facilities Program.

In December 2007, the City/Parish and CH2M HILL submitted a detailed *RMAP1 Status Report* to the EPA that summarized the status to date of all of the RMAP1 projects. This report included a formal "Request for Time Extension" for those RMAP1 projects not yet completed, and a corresponding schedule for project completion. This report was submitted as the milestone requirement pursuant to Section XVIII - Reporting, of the Consent Decree. This report and request for time extension was verbally approved by the EPA during the conference call on February 12, 2008.

The City/Parish re-submitted RMAP1 milestones as outlined in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). As previously mentioned, the 2009 Consent Decree Modification was approved in April 2009 by DOJ, EPA, and LDEQ. This approval formally accepted the RMAP1 milestones presented in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008).

The current status of the RMAP1 projects is presented in Table 3 below. All 14 RMAP1 projects are functionally completed, and 13 of the 14 were done either on, or ahead of schedule. The RMAP1 - Industriplex has had several issues arise during the construction phase pertaining to unavoidable utility conflicts, difficult easement acquisitions, alignment changes, and permitting and other utility coordination issues that have caused significant delays with the project which could not be overcome by reasonable actions by the City/Parish and its construction contractor. This project has been functionally complete and in operation since 1st quarter 2011. The City/Parish asserts that this project is not susceptible to stipulated penalties due to the circumstances of the delay beyond the control of the City/Parish. The circumstances behind the delay are explained in detail below and have been also mentioned in the previous Quarterly EPA Reports. The *RMAP1 Completion Report* was included previously in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* at the end of the 36th Quarterly EPA Report.

TABLE 3 EPA Consent Decree Summary and RMAP1 Milestones				
Consent Decree Projects	Milestone Date	RMAP1 Projects Completed	RMAP1 Projects Completed	
			Proposed on	Complete
RMAP1 Projects	Construction Status	RMAP1 Projects Completed	Proposed on	Complete
	Corresponding City/Parish Projects		September 1, 2008	
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	✓		
N-06 PS 43 Area Upgrades				
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	✓		
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	✓		

Project Status Summary

TABLE 3

## EPA Consent Decree Summary and RMAP1 Milestones

		Milestone Date		Project Status Summary	
Consent Decree Projects	Corresponding City/Parish Projects	Construction Status		RMAP1 Projects Completed	RMAP1 Projects Completed
		May 4, 2007	Proposed on September 1, 2008		
		Complete	Complete		Complete
<b>RMAP1 Projects</b>					
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	✓			
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	✓			
	**Frentown Road Sewer Rehab. (03-RMP-N15)	✓			
	**North Area Comprehensive Rehab. (03-RMP-N23)	✓			
	**PS 45 Area Rehab. (00-RMP-N31)	✓			
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	✓			
	S-01B SWWTP Influent PS	✓			
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	✓			
	SSO Engr-South (99-RMP-S99)	✓			
***S-99 South Further Investigations	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	✓			
	PS 944 Area Upgrade (99-RMP-S99)	✓			
	PS 177 Area Upgrade (99-RMP-S99)	✓			
	**PS 211 Area Upgrades (99-RMP-S11)	✓			
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
	N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B - Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades				RMAP1 project suspended. Project is included as RMAP2: Group Project 1B - Veterans Memorial Parkway PS FM.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)				Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.

**TABLE 3**

**EPA Consent Decree Summary and RMAP1 Milestones**

		Milestone Date		Project Status Summary	
Consent Decree Projects	Construction Status Corresponding City/Parish Projects	RMAP1 Projects Completed	RMAP1 Projects Completed	Proposed on September 1, 2008	Complete
		May 4, 2007	Complete		
<b>RMAP1 Projects</b>					
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)			4 <sup>th</sup> Quarter 2008	Project completed – 4 <sup>th</sup> quarter 2008 (at 80% complete with construction). Project was in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)			4 <sup>th</sup> Quarter 2007	Project completed – 4 <sup>th</sup> quarter 2007.
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)			2 <sup>nd</sup> Quarter 2010	Project completed – 1 <sup>st</sup> quarter 2011.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)			2 <sup>nd</sup> Quarter 2010	Project completed – 2 <sup>nd</sup> quarter 2009.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)			2 <sup>nd</sup> Quarter 2010	Project completed – 2 <sup>nd</sup> quarter 2010.
*Notes: This project was executed as a combination of two RMAP1 projects					
**Notes: These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree					
***Notes: This RMAP1 project was split up into multiple projects for better execution					

## **RMAP2 Project Descriptions and Schedule for Completion**

The City/Parish and CH2M HILL are actively moving forward with the execution of the RMAP2 projects included herein, as outlined in the April 2009 Consent Decree Modification by DOJ, EPA, and LDEQ that adopts the corresponding *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). In addition, the City/Parish is adhering to the revised compliance schedule approved in the (June 2013) *Revised Second Consent Decree Modification* by DOJ, EPA, and LDEQ which formally approves the City/Parish's 4 year extension request which was the focus of the *Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal* (October 2012). This document was included previously as *Attachment 1: Revised Second Agreement and Order Regarding the Modification of the Consent Decree* at the end of the *45<sup>th</sup> Quarterly EPA Report*.

In preparing the 2008 report, the locations of known overflows were given the highest priority in order to reduce the frequency of these overflows, in addition to those projects required to get the wastewater treatment plants in compliance with their National Pollution Discharge Elimination System (NPDES) permits. Areas of the collection system that were found to have excessive levels of infiltration or inflow were identified for rehabilitation. Hydraulic capacity improvement projects were sized to accommodate the predicted designed peak wet weather flows and anticipated growth in the project areas. Peak wet weather flows were predicted based on the previously selected/inherited (2002) 2-year frequency, 12-hour duration design storm approved by the EPA prior to 2006. Many of these RMAP2 projects are currently underway due to the very tight schedule required by the Consent Decree. The RMAP2 project milestone schedules are extremely compressed. To this end, given that it takes approximately 2 to 4 years for a typical project to be completed through the pre-design, design, and construction phases, most projects are being worked on simultaneously.

As of December 31, 2014 there are 58 RMAP2 projects functionally completed (ahead of schedule), 30 projects under construction, and 22 projects under design, and the City/Parish is at the peak of construction activities again in this quarter. The City/Parish is seeing many of the effects from the ramping up of the design and construction activities. In recent quarters, contractor availability and high bid prices have become issues of trepidation; however, in the last quarter this has remained in check. In addition, the capacity of both internal and external support functions is becoming an issue of growing concern, particularly due to the stresses already placed on several key support roles specifically with regards to the City/Parish procurement system, easement and right-of-way acquisition, and state/local permit acquisitions/approvals. All of these support systems are already strained and the peak of RMAP2 work is underway, with no significant drop off expected until 2016.

The City/Parish continues documenting the impact of force majeure events that have affected the Baton Rouge Area, such as the threat of the Mississippi River Flood (May 20, 2013) and others (including Hurricanes Katrina, Rita, and Gustav, the Gulf of Mexico oil spill, 2011 Mississippi River flood, Tropical Storm Lee, Hurricane Isaac, and other extreme storm events). In 1<sup>st</sup> Quarter 2014, a force majeure notification letter was submitted on February 21, 2014 due to a construction issue on the Plank Road-Kleinpeter Road Capacity Project which was determined to be beyond the control of the City/Parish. An underground obstruction was struck during microtunneling activities, and must be removed prior to resuming construction. A copy of this force majeure submittal was provided in the 48<sup>th</sup> Quarterly EPA Report.

The Consent Decree schedule is very demanding and the time lost recently and in the past years from these force majeure events has affected the critical early planning stages of the program, and could potentially affect project schedules and implementation now and into the future. The City/Parish keeps track of these events in regards to their potential effect on schedule and compliance, and the potential effect on the associated construction costs and contractor availability for RMAP2 project work. The City/Parish will continue to regularly document all RMAP2 project changes related to force majeure events.

The City/Parish and CH2M HILL will continually refine and perform quality control reviews of the hydraulic model of the sewer system, incorporating new information as it becomes available. These on-going refinements may alter the RMAP2 projects to improve their effectiveness. However, with the EPA and LDEQ approval, the City/Parish regularly documents all RMAP2 project changes (scope changes, project additions, project deletions, and schedule changes) in the Quarterly and Annual EPA Reports.

The 2013 Annual Program Delivery Plan (PDP) update was submitted, reviewed, and approved by the City/Parish. Tables 4, 5 and 6 were updated to reflect any changes associated with this process.

As noted in Table 1, the City/Parish submitted an updated request for time extension (4 years) for the RMAP2 projects listed below on October 23, 2012 included in the document titled *Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal* which was signed/formalized by DOJ/EPA/LDEQ in June 2013. The City/Parish has incorporated schedule modifications in order to take into account the changes included in the approved 4 year request for time extension. In addition, any other specific project changes since the extension approval or delays are noted in the Tables 4, 5, and 6 in this section.

The RMAP2 projects are separated into three categories with descriptions and schedules provided for all projects, current through December 31, 2014.

### Category 1: Comprehensive Sewer Basin Rehabilitation

Based on sewer system digital model analysis and flow monitoring, approximately twenty-six (26) sub-basins within the collection system require comprehensive rehabilitation. Sewer system comprehensive rehabilitation projects will be implemented to repair or replace components of the system that are defective and permit excessive infiltration and inflow.

Table 4 presents the Category 1 comprehensive rehabilitation sub-basin projects and anticipated delivery milestone schedules. Project status summaries are provided for those projects already underway, current through December 31, 2014.

Note that any pump station improvements are included in the projects listed in Category 2, Pump Station and Transmission Improvements on the following pages.

TABLE 4 Updated EPA Consent Decree RMAP Milestones for Category 1 Projects						
Milestone Date Construction Status	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries		
	1 <sup>st</sup> QTR 2013 Construction Functionally Complete	2 <sup>nd</sup> QTR 2015 Construction Functionally Complete	4 <sup>th</sup> QTR 2018 Construction Functionally Complete			
Project Descriptions RMAP2 Projects						
Jefferson Hwy -- HooShooToo Road	✓			Project completed -- 3 <sup>rd</sup> quarter 2009.		
Staring Lane -- Boone Drive Area Rehabilitation Project	✓			Project completed -- 2 <sup>nd</sup> quarter 2010.		
Burbank Drive -- Gardere Lane Area Rehabilitation Project	✓			Project completed -- 4 <sup>th</sup> quarter 2010.		
Oak Villa --Choctaw Street Area Rehabilitation Project	✓			Project completed -- 3 <sup>rd</sup> quarter 2011.		
Scotland Avenue -- Progress Road Area Rehabilitation Project	✓			Project completed -- 2 <sup>nd</sup> quarter 2011.		



TABLE 4

## Updated EPA Consent Decree RMAP Milestones for Category 1 Projects

Milestone Date Construction Status	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project	✓			Project completed – 3 <sup>rd</sup> quarter 2011.
Sharp Road – Florida Boulevard Area Rehabilitation Project	✓			Project completed – 3 <sup>rd</sup> quarter 2012.
Kenilworth Boulevard – Boone Drive Area Rehabilitation Project	✓			Project completed – 3 <sup>rd</sup> quarter 2012.
Foster Drive - Government Street Area Rehabilitation Project Phase A	✓			Project completed – 4 <sup>th</sup> quarter 2011.
Foster Drive - Government Street Area Rehabilitation Project Phase B	✓			Project completed – 3 <sup>rd</sup> quarter 2012.
Silverleaf Road – Ford Street Area Rehabilitation Project	✓			Project completed – 4 <sup>th</sup> quarter 2012.
Brookstown Road - Evangeline Street Phase I Area Rehabilitation Project	✓			Project completed – 4 <sup>th</sup> quarter 2012.
Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project	✓			Project completed – 4 <sup>th</sup> quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project		✓		Project completed – 4 <sup>th</sup> quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project		✓		Project completed – 1 <sup>st</sup> quarter 2013.
Highland Road – Washington Street Area Rehabilitation Project		✓		Project completed – 3 <sup>rd</sup> quarter 2013.
Stanford Avenue – Morning Glory Road Area Rehabilitation Project	✓			Project completed – 4 <sup>th</sup> quarter 2012.
Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project		✓		Project completed – 3 <sup>rd</sup> quarter 2014.
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		✓		Construction is 85% complete and ongoing. Anticipated completion 1 <sup>st</sup> quarter 2015.
Acadian Thruway – Claycut Road Area Rehabilitation Project		✓		Project completed – 1 <sup>st</sup> quarter 2013.
Acadian Thruway – Perkins Road Area Rehabilitation Project	✓			Project completed – 4 <sup>th</sup> quarter 2012.
Antioch Road – Chadford Drive Area Rehabilitation Project		✓		Construction 54% complete and ongoing. Anticipated completion 1 <sup>st</sup> quarter 2015.
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			✓	Construction 15% complete and ongoing. Anticipated completion 3 <sup>rd</sup> quarter 2015.
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project		✓		Construction is 20% complete and ongoing. Anticipated completion 2 <sup>nd</sup> quarter 2015. Project moved from 3 <sup>rd</sup> milestone to 2 <sup>nd</sup> milestone in exchange for O'Neal Lane Pipelines Group B due to changes in construction sequencing.

TABLE 4

## Updated EPA Consent Decree RMAP Milestones for Category 1 Projects

Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Construction Status				
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			✓	Bid phase complete; construction NTP anticipated 1 <sup>st</sup> quarter 2015.
Siegen Lane – Interstate 10 Area Rehabilitation Project			✓	Bid phase complete; construction NTP anticipated 1 <sup>st</sup> quarter 2015.
Interstate 110 – Hollywood Street Area Rehabilitation Project			✓	Construction is 15% complete and ongoing. Anticipated completion 3rd quarter 2015.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			✓	Design 75% and ongoing. Anticipated completion 1 <sup>st</sup> quarter 2015.
Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project			✓	Design initiated 4 <sup>th</sup> quarter 2014.
Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project			✓	Data analysis underway. Design NTP expected 2 <sup>nd</sup> quarter 2015.
East Boulevard – Government Street Area Rehabilitation Project			✓	Advertisement for bids expected to begin 2nd quarter 2015.
North 38 <sup>th</sup> Street – Gus Young Avenue Area Rehabilitation Project			✓	Data analysis underway. Design NTP expected 2 <sup>nd</sup> quarter 2015.

## Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity trunk sewers, pump stations, and transmission mains in order to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 5 presents a list of Category 2 projects with corresponding milestone schedules. Project status summaries are provided for those projects already underway, current through December 31, 2014.

TABLE 5 EPA Consent Decree RMAP2 Milestones for Category 2 Projects					
Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries	
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018		
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete		
<b>Project Descriptions RMAP2 Projects</b>					
Capitol Lake – Gayosa Street Area Capacity Improvements	✓			Project completed - 2 <sup>nd</sup> quarter 2012.	
Gurney Road - Joor Road	✓			Project completed - 4 <sup>th</sup> quarter 2009.	
Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades	✓			Project completed - 1 <sup>st</sup> quarter 2011.	
Comite Road – Foster Road Sewer Area Upgrades - Phase I	✓			Project completed - 2 <sup>nd</sup> quarter 2010.	
Foster Road – Hooper Road Sewer Area Upgrade	✓			Project completed - 4 <sup>th</sup> quarter 2010.	
Zachary Area Transmission Network Improvements Phase I - 3 Pump Stations and Equalization Basin		✓		Project completed - 1 <sup>st</sup> quarter 2013.	
Zachary Area Transmission Network Improvements Phase II – Red Mud Lakes Forcemain to NWWTP		✓		Construction approximately 90% complete and ongoing. Various environmental issues have greatly impacted the schedule for this project; major delays are anticipated.	
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		✓		Project completed - 4 <sup>th</sup> quarter 2014.	
Zachary Area Transmission Network Improvements Phase IV – Zachary Improvements		✓		Project completed - 4 <sup>th</sup> quarter 2011.	
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements			✓	100% design under review. Additional work has been added to this project. Advertisement for bids anticipated 1 <sup>st</sup> 2015.	
South Boulevard – St. Joseph Street Sewer Area Upgrades	✓			Project completed - 3 <sup>rd</sup> quarter 2012.	
South Boulevard – St. Joseph Street Sewer Area Upgrades – Phase B			✓	Construction approximately 18% complete and ongoing. This project has encountered many physical obstacles that have impacted the anticipated completion date.	

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013 Construction Functionally Complete	2 <sup>nd</sup> QTR 2016 Construction Functionally Complete	4 <sup>th</sup> QTR 2018 Construction Functionally Complete	
Construction Status				
Downtown Area Pump Station Improvements		✓		Project completed - 3 <sup>rd</sup> quarter 2012.
Highland Road – Buchanan Street Sewer Area Upgrades	✓			Project completed - 4 <sup>th</sup> quarter 2011.
Citilace/Essen Area - PS119 & Forcemain Improvements	✓			Project completed - 3 <sup>th</sup> quarter 2012.
Group Project 1A (Metro Airport Sewer Upgrades)		✓		Project completed - 2 <sup>nd</sup> quarter 2013.
Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)		✓		Construction approximately 98% complete and ongoing.
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		Project completed - 2 <sup>nd</sup> quarter 2013.
Group Project 2 (Old Perkins – Highland Road Area Upgrades)	✓			Project completed - 2 <sup>nd</sup> quarter 2012.
Highland Road – Burbank Drive Capacity Improvements		✓		Construction is approximately 99% complete and ongoing. The final components of this project have been incorporated into another project due to existing contractor abandoning Project. Work is being closely monitored for schedule impacts.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A		✓		Project completed - 1 <sup>st</sup> quarter 2012.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B		✓		Construction approximately 90% complete and ongoing.
Bayou Duplantier Area Sewer Upgrades		✓		Project completed--3 <sup>rd</sup> quarter 2013.
25th Street - North Acadian Thruway	✓			Improvements designed under this project were constructed as part of the Capital Lake-Gayosa Drive Project and the South Blvd.-Saint Joseph Street Project. Please see status updates for the two projects mentioned in this table above.
Government St - South Acadian Thruway Sewer Area Upgrades		✓		Construction is approximately 10% complete and ongoing. Contractor experiencing manpower issues. Schedule impacts being monitored.
Plank Road – Kleinpeter Road Sewer Area Upgrades		✓		Construction is approximately 85% complete and ongoing.
O'Neal Lane Pipeline Improvements – Group A		✓		Project completed- 4 <sup>th</sup> quarter 2014.

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Milestone Date	Construction Status	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
		1 <sup>st</sup> QTR 2013 Construction Functionally Complete	2 <sup>nd</sup> QTR 2015 Construction Functionally Complete	4 <sup>th</sup> QTR 2018 Construction Functionally Complete	
O'Neal Lane Pipeline Improvements – Group B				✓	Advertisements for bids complete. NTP expected early 4 <sup>th</sup> quarter 2014. Project moved to 3 <sup>rd</sup> milestone in exchange for Scenic-Spanishtown Phase I Rehabilitation Project for construction sequencing.
Multiple PS - Nicholson Dr - Brightside Dr			✓		Construction approximately 80% complete and ongoing.
Pump Station 58 Capacity Improvements			✓		Construction is approximately 98% complete and ongoing.
Staring Lane FM (Phase I - Burbank Drive to Highland Road)		✓			Project completed - 2 <sup>nd</sup> quarter 2010.
Staring Lane FM (Phase II - Highland road to Perkins Road)			✓		Project completed-4 <sup>th</sup> quarter 2013.
Staring Lane FM (Phase III - Perkins to PS58)			✓		Project completed-3 <sup>rd</sup> quarter 2013.
Multiple PS - Jefferson Hwy - Park Forest Dr			✓		Project completed - 3 <sup>rd</sup> quarter 2012.
Airline Highway Pipeline Improvements-Phase A				✓	Design completed. Advertisement for bids expected to begin 1 <sup>st</sup> quarter 2015.
Airline Highway Pipeline Improvements-Phase B				✓	Design completed. Advertisement for bids expected to begin 1 <sup>st</sup> quarter 2015.
Multiple PS - Highland Road - Kenilworth Parkway				✓	Construction is approximately 2% complete and ongoing.
Florida Boulevard Pump Station Improvements				✓	Design completed. Advertisement for bids anticipated 2 <sup>nd</sup> quarter 2015.
Plank Road Pump Station Improvements				✓	Construction is approximately 3% complete and ongoing.
Multiple PS - Highway 61 - Plank Road				✓	100% design underway and expected to be submitted 1 <sup>st</sup> quarter 2015.
O'Neal Lane Pump Station Improvements – Group A				✓	Construction approximately 15% complete and ongoing.
O'Neal Lane Pump Station Improvements – Group B				✓	Construction approximately 8% complete and ongoing.
Sherwood Forest Blvd - Goodwood Blvd Pipeline Improvements				✓	Design completed. Advertisement for bids anticipated 1 <sup>st</sup> quarter 2015.
Joor Road - Greenwell Springs Road Sewer Area Upgrades				✓	Design completed. Advertisement for bids anticipated 2 <sup>nd</sup> quarter 2016.
Plank Road - Port Hudson Pride Road Sewer Area Upgrades				✓	Bid phase complete; construction NTP anticipated 1 <sup>st</sup> quarter 2015.

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Milestone Date	33% Construction Milestone		66% Construction Milestone		100% Construction Milestone		Project Status Summaries
	1 <sup>st</sup> QTR 2013	Construction Functionally Complete	2 <sup>nd</sup> QTR 2015	Construction Functionally Complete	4 <sup>th</sup> QTR 2018	Construction Functionally Complete	
Construction Status							
Highland Road Pipeline Improvements - Group A					✓		Construction is approximately 5% complete and ongoing.
Highland Road Pipeline Improvements - Group B					✓		Advertisement for bids underway 3 <sup>rd</sup> quarter 2014. NTP anticipated 1 <sup>st</sup> quarter 2015.
Oak Villa Boulevard - Monterey Boulevard Sewer Area Upgrades					✓		Design completed. Advertisement for bids expected to be underway 2 <sup>nd</sup> quarter 2015.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group A					✓		90% design underway and expected to be submitted 1 <sup>st</sup> quarter 2015.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group B					✓		90% design underway and expected to be submitted 1 <sup>st</sup> quarter 2015.
Hooper Road Pump Station Improvements					✓		Design completed. Advertisement for bids expected to be underway 1 <sup>st</sup> quarter 2016.
Multiple PS - Prescott Rd - Greenwell Springs Rd					✓		Final design underway and expected to be complete 1 <sup>st</sup> quarter 2015.
Multiple PS - Burbank Drive - Siegen Lane					✓		Bid phase complete; construction NTP anticipated 2 <sup>nd</sup> quarter 2015.
Pump Station 42 Improvements				✓			Construction is approximately 75% complete and ongoing. Project being closely monitored and issues that may seriously impact schedule are being mitigated.
Pump Station 42 Forcemain - Phase I				✓			Project complete-3 <sup>rd</sup> quarter 2014.
Pump Station 42 Forcemain - Phase II				✓			Project complete-2 <sup>nd</sup> quarter 2014.
Central Consolidated Pump Stations				✓			Project complete-4 <sup>th</sup> quarter 2014.
Central Consolidated Force mains – Phase I				✓			Project complete--3 <sup>rd</sup> quarter 2013.
Central Consolidated Force mains – Phase II				✓			Project complete-3 <sup>rd</sup> quarter 2014.

### Category 3: Wastewater Treatment and Storage

This category of projects includes wet weather improvements at the City/Parish wastewater treatment plants (WWTP's), as well as storage facilities throughout the service area.

Presently, there are not any RMAP2 projects that have been identified at the North WWTP. Also, the existing Central WWTP has insufficient flows to justify the cost of renovation and upgrading for future requirements, and will be retired when the RMAP2 projects are completed at the South WWTP. Flows predicted for the current Central service area will be diverted to the South WWTP.

Wastewater Treatment Projects that are part of RMAP2 submittal are summarized below:

- Immediate Action Plan (IAP) South WWTP Project that includes screening, trickling filter recirculation pumping, primary treatment improvements, and bio-solids thickening improvements. Effluent pumping improvements were also completed as part of the IAP.
- Phase 1 Improvements at the South WWTP for Wet Weather Flow including influent pumping, screening and grit removal for a predicted flow of 345 MGD. Phase 1 also includes 64 million gallons of equalization storage at the South WWTP.
- Phase 2 Improvements at the South WWTP include wet weather flow treatment with a peak capacity of 200 MGD (as previously approved in the November 2006 RMAP2).

In addition, there are two storage projects sized to reduce peak flows to existing North WWTP that are listed below and depicted as well in Table 6:

- Choctaw Storage Facility
- Hooper Storage Facility

These storage projects are part of the transmission system which permits retainage of wet weather peak flows. Four of the projects in this Category are complete, and the other two are already underway. The details of the wastewater treatment and storage projects are listed in Table 6 below, and are current through December 31, 2014.

Table 6 EPA Consent Decree RMAP2 Milestones for Category 3 Projects					
Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries	
	1 <sup>st</sup> QTR 2013 Construction Functionally Complete	2 <sup>nd</sup> QTR 2015 Construction Functionally Complete	4 <sup>th</sup> QTR 2018 Construction Functionally Complete		
Construction Status	Project Descriptions RMAP2 Projects				
Choctaw Storage and Pump Station Facility		✓			Project completed – 3 <sup>rd</sup> quarter 2013.
Hooper Storage Facility		✓			Construction approximately 73% complete and ongoing. Project being closely monitored for issues that are impacting schedule; mitigation efforts are underway.
South WWTP IAP (Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)	✓				Project completed - 2 <sup>nd</sup> quarter 2011.

Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013 Construction Functionally Complete	2 <sup>nd</sup> QTR 2015 Construction Functionally Complete	4 <sup>th</sup> QTR 2018 Construction Functionally Complete	
<b>Construction Status</b>	✓			<b>Project completed - 1<sup>st</sup> quarter 2008.</b>
<b>South WWTP IAP (Effluent Pumping Improvements)</b>	✓			<b>Project completed - 1<sup>st</sup> quarter 2008.</b>
<b>SWWTP Wet Weather Improvements -Phase I</b>		✓		<b>Project completed - 2<sup>nd</sup> quarter 2013.</b>
<b>SWWTP Wet Weather Improvements - Phase II (PDP portion)</b>		✓		Construction is approximately 96% complete and ongoing.

**Additional Projects Outside of Consent Decree**

This category of projects is composed of several additional projects the City/Parish has agreed to implement not presently included/tracked by the RMAP2 Consent Decree Compliance Schedule, and specifically includes wet weather improvements at the City/Parish wastewater treatment plants (WWTP's), as well as storage facilities throughout the service area. Many of these projects will greatly improve the operation and maintenance of the wastewater collection system, WWTP's, and storage facilities. Specifically included in this group of projects are both the SCADA Project and the Standby Power Program, which will help optimize the overall operation of the treatment facilities and pump stations, while minimizing risks associated with SSOs. All of these additional projects are summarized below and project statuses are provided in Table 7. Note that the schedule below is based upon time (number or months) from extension approval for the projects involving the NWWTP.

	Scheduled Start	Scheduled Finish	Project Status Summary
<b>NWWTP Master Plan Project #1 – WWTP Improvements</b>	Project Underway	Design – 18 months from start Construction – 3 years from design finish	Design is at 30% and ongoing.
<b>NWWTP Master Plan Project #2 – Sustainability Projects</b>	Project Underway	Design – 18 months from start Construction – 3 years from design finish	100% design underway. Alternate evaluation ongoing.
<b>NWWTP Master Plan Project #3 (Public Project) – Plant Buffer</b>	6 months from Extension approval	Design and Land Purchase – 1 year from start Construction – 1 year from design finish	Land acquisition is underway. RFQs for design expected to be underway in 1st quarter 2015.



**Table 7**

## Proposed Schedule for Projects Outside of Consent Decree

	Scheduled Start	Scheduled Finish	Project Status Summary
<b>SWWTP Wet Weather Improvements – Phase II (Master Plan portion)</b>	Project Underway	Proposed completion by 1 <sup>st</sup> quarter 2015	Construction is approximately 96% complete and ongoing.
<b>SWWTP Master Plan Project – Buffer Area</b>	Project Underway	Proposed completion by 4 <sup>th</sup> quarter 2016	Advertisement for bid 1 <sup>st</sup> quarter 2015.
<b>Sewer System and WWTP Stand-by Power Program</b>	Project Underway	Completion of SSO Program	Installation approximately 80% and on-going. Additional scope added; anticipated continual growth on this project.
<b>SCADA (Collection System, Operations Data and Control Center)</b>	Project Underway	Completion of SSO Program	Construction of overall project 11% complete and ongoing; additional operational and permitting requirements being incorporated.
<b>Environmental Services Facility</b>	Project Underway	Proposed completed by 3 <sup>rd</sup> quarter 2016	100% design ongoing.
<b>NWWTP Odor Control Project</b>	Complete	Complete	<b>Project completed ~ 4<sup>th</sup> quarter 2010.</b>
<b>Comite –Foster Road Sewer Area Upgrades - Phase II</b>	Complete	Complete	<b>Project completed - 1<sup>st</sup> quarter 2011.</b>
<b>Zachary Area Transmission Network Improvements Phase V – Zachary Improvements</b>	Project Underway	Expected to be completed by 3 <sup>rd</sup> quarter 2015.	100% design under review. Additional work has been added to this project. Advertisement for bids anticipated 1 <sup>st</sup> quarter 2015.
<b>South Boulevard – Saint Joseph Street Phase B</b>	Project Underway	Expected to be completed by 4 <sup>th</sup> quarter 2014.	Construction approximately 18% complete and ongoing. This project has encountered many physical obstacles that have impacted the anticipated completion date.
<b>Central WWTP Decommissioning Project</b>	4 <sup>th</sup> quarter 2014	Expected to be completed by 2 <sup>nd</sup> quarter 2017.	Project definition under review.

## Status of Other Consent Decree Requirements

Consent Decree Section XV - Outreach and Public Awareness Plan requires the City/Parish DPW to implement and follow the Outreach and Public Awareness Program Plan attached in Exhibit H of the Consent Decree. The Outreach and Public Awareness Program Plan was updated in December 2007 and has been completed and reviewed/approved by the City/Parish and can be found in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* located at the end of the 36<sup>th</sup> Quarterly EPA Report.

Outreach and Public Awareness Program Plan implementation efforts have been on-going. Public information tools such as the website are being continuously updated with new information about the program, public meetings, project information (including monthly and quarterly progress reports detailing the status of the projects), regulatory information and associated reference documents, and news articles about the SSO Control and Wastewater Facilities Program, etc. Fact sheets and brochures have also been developed that can be

accessed via the website, and have been handed out during the public meetings, that describes pertinent information and aspects about the Program. Additionally, prior to any field work in areas, informational door hangers are also hung on those homes where inspection work will be taking place.

Also the SSO Control and Wastewater Facilities Program Monthly and Quarterly Progress Reports have been made available and distributed to the public. Until now, they have been, and still are, posted on the website for the public to download at their convenience and are always distributed to City/Parish and DPW staff. The plan is for these reports to continue to be distributed to those on the master list and posted on the website; in addition they will also be handed out or mailed to anyone who requests them throughout the duration of the SSO Control and Wastewater Facilities Program.

SSO program communications continue to provide City/Parish residents with time critical information on SSO Control and Wastewater Facility Program projects, educational information on SSOs, and updates on the status of the Program and related projects. In close collaboration with the Office of the Mayor-President and the Department of Public Works, the Program has initiated a construction communication outreach component to complement the Program's current communication activities. The Program Communication Team has designed and distributed a variety of outreach materials. A telephone hotline for residents to call with questions was developed and coordination between the SSO Program and the Parish's 311 call center was established. Additionally, materials including information letters and handouts, door hangers announcing road closures, were developed and are continuing to be distributed.

During the last quarter ending December 31, 2014 the following outreach and public awareness activities took place:

**September 2014**

**September 30, 2014:** An informational tour of the South Waste Water Treatment Plant was sponsored by the Water Environment Federation during their 2014 WEFTEC Conference. The tour was to introduce the SWWTP and the wet weather operational flexibility that has been incorporated into plant operations through the SSO Program upgrades. The areas of the plant that were toured were the effluent pump station and outfall, odor control, equalization tanks, pump stations, pre-treatment facility, and solids basin. A 20 minute film created by Alpha Media gave an up close and detailed account of the SSO Program and the Projects it encompasses. Approximately 80 attendees took part in the tour.

**October, 2014**

**October 23, 2014:** Josh Crowe, SSO Program Manager, was invited to present information to the Carrington Place HOA regarding current and upcoming projects impacting the area. Project information cards, Sewer Savvy brochures, and business cards were provided. Approximately 40 members of the HOA were in attendance at the Jones Creek Library.

**December, 2014**

**December 18, 2014:** SSO representatives were invited to present information about Pump Station 129 and how the BREC Park would be impacted. The construction contractor, SSO representatives, and BREC representative were there to provide vital information on the proposed work in the BREC Park. Business cards and project drawings were provided. Approximately 25 attendees were present.

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
October 1 - December 31, 2014**

Summary of Activities (8,510,000ft/38,000MH)		4th Quarter (51)		3rd Quarter (50)		2nd Quarter (49)		1st Quarter (48)		Totals	
48th Quarterly Total	Cum. % Complete	49th Quarterly Total	Cum. % Complete	50th Quarterly Total	Cum. % Complete	49th Quarterly Total	Cum. % Complete	48th Quarterly Total	Cum. % Complete	Cum. Annual Total	Annual Goal
Lines Cleaned (ft)	126,698	22%	225,828	62%	225,706	101%	272,266	149%	850,498	149%	570,000
CCTV Inspected (ft)	61,871	11%	139,164	35%	160,926	64%	146,914	89%	508,875	89%	570,000
Smoke Tested (ft)	74,637		176,870		106,879		201,679		560,065		
Smoke Tested (no. of locations)	1		4		0		3		8		
Dye Water Flooded (no. of locations)	1		3		0		2		6		
Manholes Inspected (no.)	38	2%	694	29%	848	63%	518	84%	2,098	84%	2,500
Lines Repaired (no.)	440		563		578		684		2,265		
MH Rehabbed (no.)	67		123		62		99		351		
Force Mains (240 miles) Visual Surface Inspection (miles)	45.5	38%	63.8	91%	59.4	141%	70.8	200%	239.5	200%	120
Repaired (no.)	118		150		95		3		366		
Air Release Valves (604) Inspected/Maintained	232	24%	319	57%	407	100%	390	140%	1,348	140%	960 to 1,200
Repaired (no.)	116		151		116		119		502		
Pump & Lift Stations (421) Inspections (no.)	18,174	40%	18,252	81%	18,356	121%	18,894	163%	73,676	163%	45,136
Wet wells cleaned	113		131		144		133		521		
Repaired (no.)	27		30		34		38		129		
Peak Flow Storage Facilities (2)											
Little Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104
Big Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104

Bold is percentage complete strived for on a quarterly basis that was not met.

Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
October 1 - December 31, 2014

Summary of Activities												
WWC (w/AMP)	WWC-PS	Field Emer.	Field Emer.	(Rout.) (Corr.)			Total	*Cum. % Complete	WWC (w/AMP)	WWC-PS	Field Emer.	Field Emer.
				(Rout.)	(Corr.)	(Rout.)						
Lines Cleaned (ft)	29,000											
Gravity Collection System (2,460,000ft/10,640MM)												
CCTV Inspected (ft)	20,484	20,484	49,484	9%	39,000							
Smoke Tested (ft)		20,484	20,484	4%								
Smoke Tested (no. of locations)		44,981	44,981									
Dye Water Flooded (no. of locations)			0									
Manholes Inspected (no.)	44	5	44	0%	43							
Lines Repaired (no.)			5							7	8	
MH Rehabbed (no.)	3	54	57									
Force Mains (120 miles)												
Visual Surface Inspection (miles)	28.8		28.8	24%	37.8							
Repaired (no.)		9	9		2							
Air Release Valves (335)												
Inspected/Maintained	144		144	15%	189							
Repaired (no.)			79		78							
Pump & Lift Stations (141)												
Inspections (no.)	6,591		6,591	15%	6,591							
Wet wells cleaned	56		56		63							
Repaired (no.)			16		8							

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance





Baton Rouge 2002 Consent Decree Quarterly Report  
 Preventive Maintenance Plan Summary Totals  
 October 1 - December 31, 2014

Summary of Activities											
WVC (w/AMP)			WVC-PS			WVC (w/AMP)			WVC (w/AMP)		
Field	Engr.	(Rout.)	Field	Engr.	(Rout.)	Field	Engr.	(Rout.)	Field	Engr.	(Rout.)
3rd Quarter (EPA Report No. 50)			4th Quarter (EPA Report No. 51)			3rd Quarter (EPA Report No. 50)			4th Quarter (EPA Report No. 51)		
Quarterly Total	*Cum % Complete	(Rout.)	Quarterly Total	*Cum % Complete	(Rout.)	Quarterly Total	*Cum % Complete	(Rout.)	Quarterly Total	*Cum % Complete	(Rout.)
Lines Cleaned (ft)	25,250		112,770	59%	54,000		176,555	90%	122,555	176,555	90%
CCTV Inspected (ft)			84,240	44%			122,901	65%	122,901		
Smoke Tested (ft)		5,113	73,303			19,211			118,622	137,833	
Smoke Tested (no. of locations)		0	0			3			3		
Dye Water Flooded (no. of locations)			0			2			2		
Manholes Inspected (no.)		24	434	46%	21	136	379	67%	515		
Lines Repaired (no.)	74		345			502			523		
MH Rehabbed (no.)	4		41		7	82			89		
Force Mains (110 miles)											
Visual Surface Inspection (miles)			0.0	34%	44.0				44.0	70%	
Repaired (no.)	3		49			44			0		
Air Release Valves (251)		110		32%	220				220	55%	
Inspected/Maintained			31		59				59		
Repaired (no.)											
Pump & Lift Stations (259)		10,959		72%	11,280				11,280	97%	
Inspections (no.)			73		64				64		
Wet wells cleaned			18		25				25		
Repaired (no.)											
Peak Flow Storage Facilities (2)											
Little Peak site visits-Decommissioned			0	0%					0	0%	
Big Peak site visits- Decommissioned											

Rout.-Routine Maintenance  
 Corr.-Corrective Maintenance







**Part A:**  
**Cross Connection**  
**Elimination Plan**

**Baton Rouge Consent Decree Quarterly Report  
 Part A - Cross Connection Elimination Plan**

**Requirement:** Pursuant to Paragraph 16, Section VIII of the Consent Decree, if the City/Parish identifies any Cross Connection in the Collection System, it shall be permanently sealed or eliminated within 30 days of identification or if the City/Parish elects to have the work performed by a contractor, within 60 days of identification.

**Summary of Activities**

No cross connections were discovered and removed during this quarter. There is no anticipated non-compliance. During the reporting period approximately 560,065 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

Summary	North Plant		Central Plant		South Plant		Total
	LA0036439 AI# 4843		LA0036421 AI# 4842		LA0036412 AI# 4841		
Total No. of Cross Connections Identified:	0	0	0	0	0	0	0
Total No. of Cross Connections Eliminated:	0	0	0	0	0	0	0
Total No. of Private Cross Connections Identified:	0	0	0	0	0	0	0
Total No. of Private Cross Connections Eliminated:	0	0	0	0	0	0	0

**Part A – Cross Connection Elimination Plan**

<b>Summary of Cross Connections Identified</b>						
<b>Number</b>	<b>Date Identified</b>	<b>Location</b>	<b>Private (Y/N)</b>	<b>Current Status</b>	<b>Notice Date</b>	<b>Date Eliminated</b>
<b>North Plant (LA0036439 AI# 4843)</b>						
1						
2						
3						
<b>Central Plant (LA0036421 AI# 4842)</b>						
1						
2						
3						
<b>South Plant (LA0036412 AI# 4841)</b>						
1						
2						
3						

The City/Parish  [is]  [is not] in compliance with Section VIII Elimination of Cross Connections for the period 10/01/14 to 12/31/14. If not, see comments above.

**Part B:**  
**Preventive Maintenance**  
**Program (PMP)**

## **Baton Rouge Consent Decree Quarterly Report Part B - Preventive Maintenance Program (PMP)**

**Requirement:** Pursuant to Exhibit I of the Consent Decree, the City/Parish shall report compliance and include a brief narrative summary of activities related to compliance and/or non-compliance with the Preventive Maintenance Program during the reporting period. In accordance with the Collection System Preventive Maintenance Plan, Paragraph 1.4, specific activities performed related to collection system preventive maintenance will be reported to the EPA and LDEQ on a quarterly basis.

### **Summary of Activities**

During the reporting period the City/Parish Department of Public Works staff, have followed our standard operating procedures, and continued to follow the equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Collection System Preventive Maintenance Plan. A summary of the collection system preventive maintenance activities for this reporting period is provided in the table on page B-2. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs and other facilities. Quarterly goals for specific activities identified in the Collection System Preventive Maintenance Plan were not achieved this quarter. The percentages of lines CCTV Inspected, and manholes inspected did not reach the 4<sup>th</sup> quarter goal of 100%. We will increase the inspection quantities required on the Physical Inspection project for the next quarter. We do not anticipate any non-compliance related to preventive maintenance activities in the future. Note that the gravity system preventative maintenance activities are tied to the design schedules of the RMAP2 Submittal Category 1- Comprehensive Rehabilitation Projects.

We provided information for each treatment plant service area and have identified whether the activity was routine (standard preventive maintenance) or corrective (in response to a particular complaint or perceived problem) in nature.

There were no problems encountered or deficiencies identified in the Preventive Maintenance Program plans.

**Part B - Preventive Maintenance Program (PMP)**

**Summary of Collection System Activities**

	Quarterly Total Oct.-Dec. 2014	Cumulative 2014 Annual Total	2014 Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	272,266	850,498	570,000
CCTV Inspected (ft)	146,914	508,875	570,000
Smoke Tested (ft)	201,679	560,065	-----
Smoke Tested (no. of locations)	3	8	-----
Dye Water Flooded (no. of locations)	2	6	-----
Manholes Inspected (no.)	518	2,098	2,500
Lines Repaired (no.)	684	2,265	-----
MH Rehabbed (no.)	99	351	-----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	70.8	239.5	120
Repaired (no.)	3	366	-----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	390	1,348	960 to 1,200
Repaired (no.)	119	502	-----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	18,894	73,676	45,136
Wet wells cleaned	133	521	-----
Repaired (no.)	38	129	-----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- Decommissioned	n/a	n/a	104
Big Peak site visits- Decommissioned	n/a	n/a	104

\*\* Attached are separate Collection System Activity Sheets for each Treatment Plant Service Area.

The City/Parish  [is]  [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 10/1/14 to 12/31/14. If not, see comments above.

**Part B – Preventive Maintenance Program (PMP)  
Summary of Activities by Treatment Plant Service Area**

**North Plant (LA0036439 AI# 4843)**

**Gravity Collection System  
(2,460,000ft/10,640MH)**

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct.– Dec. 2014</u>
Lines Cleaned (ft)	23,711	61,500	85,211
CCTV Inspected (ft)	24,013	0	24,013
Smoke Tested (ft)	63,846	0	63,846
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	3	0	3
Lines Repaired (no.)	139	4	143
MH Rehabbed (no.)	4	1	5

**Force Mains (120 miles)**

Visual Surface Inspection (miles)	24	0.0	24.2
Repaired (no.)	2	0	2

**Air Release Valves (335)**

Inspected / Maintained	153	0	153
Repaired (no.)	0	54	54

**Pump & Lift Stations (141)**

Inspections (no.)	6,800	0	6,800
Wet wells cleaned	65	0	65
Repaired (no.)	0	10	10

Routine Maintenance - Day to day maintenance work or operational activities carried out on a regular basis, to keep the collection system operating properly. Generally routine maintenance consists of visual, mechanical, electrical, and electronic checks to ensure proper functioning of equipment. Routine maintenance also consists of sewer cleaning; smoke testing, dye water flooding, manhole inspection, and CCTV inspection.

Corrective Maintenance - Maintenance that is required to restore an item to a specified, working order/condition, which is normally initiated as a result of a scheduled or routine inspection. Generally corrective maintenance consists of rehabilitation of gravity lines, manholes, force mains, etc. and generally in conjunction with system inspection activities. Corrective maintenance also consists of repairing or replacing a failed structure such as a pump station or storage facility.



**Part B – Preventive Maintenance Program (PMP)  
Summary of Activities by Treatment Plant Service Area**

**Central Plant (LA0036421 AI# 4842)**

**Gravity Collection System**

**(1,410,000ft/5,760MH)**

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct.– Dec. 2014</u>
Lines Cleaned (ft)	0	10,500	10,500
CCTV Inspected (ft)	0	0	0
Smoke Tested (ft)	0	0	0
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	0	0	0
Lines Repaired (no.)	8	10	18
MH Rehabbed (no.)	4	1	5

**Force Mains (10 miles)**

Visual Surface Inspection (miles)	3.0	0	2.6
Repaired (no.)	1	0	1

**Air Release Valves (18)**

Inspected / Maintained	17	0	17
Repaired (no.)	0	6	6

**Pump & Lift Stations (21)**

Inspections (no.)	814	0	814
Wet wells cleaned	4	0	4
Repaired (no.)	0	3	3

Routine Maintenance - Day to day maintenance work or operational activities carried out on a regular basis, to keep the collection system operating properly. Generally routine maintenance consists of visual, mechanical, electrical, and electronic checks to ensure proper functioning of equipment. Routine maintenance also consists of sewer cleaning, smoke testing, dye water flooding, manhole inspection, and CCTV inspection.

Corrective Maintenance - Maintenance that is required to restore an item to a specified, working order/condition, which is normally initiated as a result of a scheduled or routine inspection. Generally corrective maintenance consists of rehabilitation of gravity lines, manholes, force mains, etc. and generally in conjunction with system inspection activities. Corrective maintenance also consists of repairing or replacing a failed structure such as a pump station or storage facility.

**Part B – Preventive Maintenance Program (PMP)  
Summary of Activities by Treatment Plant Service Area**

**South Plant (LA0036412 AI# 4841)**

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct. – Dec. 2014</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	122,555	54,000	176,555
CCTV Inspected (ft)	122,901	0	122,901
Smoke Tested (ft)	137,833	0	137,833
Smoke Tested (no. of locations)	3	0	3
Dye Water Flooded (no. of locations)	2	0	2
Manholes Inspected (no.)	515	0	515
Lines Repaired (no.)	502	21	523
MH Rehabbed (no.)	82	7	89
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	44	0.0	44.0
Repaired (no.)	44	0	44
<b>Air Release Valves (251)</b>			
Inspected / Maintained	220	0	220
Repaired (no.)	0	59	59
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	11,280	0	11,280
Wet wells cleaned	64	0	64
Repaired (no.)	0	25	25
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a
Big Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a

Routine Maintenance - Day to day maintenance work or operational activities carried out on a regular basis, to keep the collection system operating properly. Generally routine maintenance consists of visual, mechanical, electrical, and electronic checks to ensure proper functioning of equipment. Routine maintenance also consists of sewer cleaning, smoke testing, dye water flooding, manhole inspection, and CCTV inspection.

Corrective Maintenance - Maintenance that is required to restore an item to a specified, working order/condition, which is normally initiated as a result of a scheduled or routine inspection. Generally corrective maintenance consists of rehabilitation of gravity lines, manholes, force mains, etc. and generally in conjunction with system inspection activities. Corrective maintenance also consists of repairing or replacing a failed structure such as a pump station or storage facility.

**Part C:**  
**Sanitary Sewer Overflow**  
**Response Plan (SSORP)**

**Baton Rouge Consent Decree Quarterly Report  
 Part C - Sanitary Sewer Overflow Response Plan (SSORP)**

**Requirement:** Pursuant to Paragraph 24, Section X of the Consent Decree, The City/Parish shall implement the Sanitary Sewer Overflow Response Plan (SSO Response Plan) attached to the Consent Decree as Exhibit A.

**Summary of Activities**

A total of seventy eight (78) Sanitary Sewer Overflows (SSOs) were responded to during this reporting period, two (2) overflows occurred at the wastewater treatment plants. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows in the wastewater collection system, including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for all unauthorized discharges. There was no problem encountered in following the SSO Response Plan. The City/Parish complied with the Collection System Preventive Maintenance Program.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	4
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	69
<b>Total</b>	<b>78</b>

\*\* See table attached to Part D – Reporting of Unauthorized Discharges for detailed information about individual events.

The City/Parish  [is]  [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 10/1/14 to 12/31/14. If not, see comments above.

**Part D:  
Reporting of  
Unauthorized Discharges**

## Baton Rouge Consent Decree Quarterly Report Part D - Reporting of Unauthorized Discharges

**Requirement:** Pursuant to Paragraph 26, Section XI of the Consent Decree the City/Parish shall report all Unauthorized Discharges of which it becomes aware to EPA and LDEQ. All such Unauthorized Discharges shall be reported to EPA and LDEQ in the Quarterly Report.

### Summary of Unauthorized Discharges

The attached Sanitary Sewer Overflow Monitoring Report provides information about the unauthorized discharges discovered in the collection system during the reporting period, such as the date, location, cause, action taken to reduce or eliminate the discharge, surface water that received the discharge and quantity of the discharge. The attached Sanitary Sewer Overflow Monitoring Report also identifies the steps taken to prevent the recurrence of the discharge. As shown below, a total of seventy eight (78) unauthorized discharges occurred during this quarter, none of these discharges occurred at the wastewater treatment plants.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	4
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	69
<b>Total</b>	<b>78</b>

\*\* See attached tables for detailed information about individual events.

There were no unusual SSOs, and no unauthorized discharge equal to or greater than 100,000 gallons during this reporting period.

Implementation of the Remedial Measures Action Plan (RMAP) projects is ongoing which consist of approximately 109 individual projects. Due to the sheer size of our program improvements, it was necessary to break the program into these manageable individual projects taking into consideration sewer basin location, location with the system, and type of construction. Many of these projects have been moving forward concurrently however each is in different stages of completion. Due to this, all the upgraded pump stations that will increase the sewer flows to the plants cannot be operated at full design flows until all downstream capacity improvements are in place. As we have continued to tighten our system with the aggressive rehabilitation programs, but not having all capacity improvements on line yet, we are finding that we are experiencing a temporary increase in sewer overflows in some portions of the collection system. These will continue to subside as we bring more and more of our improvements online.

The City/Parish  [is]  [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 10/1/14 to 12/31/14. If not, see comments above.

**CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE  
SANITARY SEWER OVERFLOWS MONITORING REPORT**

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841

10/01/2014 To 12/31/2014

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
10/1/2014	19411 North Murfield Circle	Pump Station # 349 was down - high wet well - the pump station mechanic found an air leak in the line. MH# 349-00001	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	400	349	108	160	6.92
10/2/2014	17915 Five Oaks Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 061-00388	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	250	378	101	100	6.86
10/3/2014	9210 Burbank Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 058-00204	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	500	61	170	376	7.07
10/3/2014	8687 United Plaza Blvd.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 451-00001	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	451	136	226	7.07
10/3/2014	11528 Old Hammond Hwy.	Pump Station # 451 was down - high wet well - low float was hung up and stoppage was cleared from pump number one. The pump station is fully operational now. MH# 451-00001	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	500	428	142	145	6.86
10/3/2014	8687 United Plaza Blvd.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 058-00204	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	2,000	58	136	226	7.07
10/3/2014	9210 Burbank Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 378-00019	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	500	61	170	376	7.07
10/3/2014	17915 Five Oaks Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 061-00388	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	2,000	58	136	226	7.07
10/3/2014	8687 United Plaza Blvd.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 058-00204	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	2,000	58	136	226	7.07
10/3/2014	11528 Old Hammond Hwy.	Pump Station # 451 was down - high wet well - low float was hung up and stoppage was cleared from pump number one. The pump station is fully operational now. MH# 451-00001	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	451	136	226	7.07
10/4/2014	14241 Coursey Blvd.	Pump Station # 428 was down - high wet well - pump number two was not running, pumps were switched over, pump number one is running fine. The pump station is fully operational. MH# 428-00001	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	500	428	142	145	6.86
10/4/2014	17542 Five Oaks Dr.	Pump Station # 378 was down - high wet well - pump number one had an air seal leak, the air system was not working properly. The pump station mechanic corrected the system.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	500	378	142	145	6.86

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10/01/2014 To 12/31/2014

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
10/05/2014	2528 Bernybrook Dr.	Pump Station # 174 was down - high wet well - the pump station mechanic found a faulty relay switch and deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station records will document operational status of the pump station.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	350	174	116	112	7.01
10/13/2014	7831 Capital Court	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 378-00019.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Billy Goat was used to clear the stoppage and clean the collection lines.	We will periodically wash this section of our collection line. Grease Aways were added to assist in the flow.	None	400	300	79	220	7.22
10/14/2014	19419 North Mulfield Circle	Pump Station # 349 was down - high wet well - their was a stoppage in the pumps; the stoppage was cleared, also their was an airlock. Station is now fully operational. MH# 349-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	750	349	85	252	6.99
10/14/2014	2419 Creekwood Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 056-00038D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically wash this section of our collection line. Grease Aways were added to assist in the flow.	Dawson Creek	550	56	121	140	7
10/15/2014	3445 Cedarcrest Ave.	Smoke tests were conducted to determine sources of inflow and infiltrations in the city's main collection line. Cracks and other damages were identified. MH# 058-00600.	Recorded sewage discharge and restricted flow entering the canal by placing a small plug in the collection line. The site was deodorized using contract; Emergency Point Repairs servicing performed by Allen & LeBlanc will be replacing line segments and scope of work as identified.	Repairs are scheduled to be conducted on October 16 utilizing our contract; Emergency Point Repairs servicing performed by Allen & LeBlanc will be replacing line segments and scope of work as identified.	Jack's Bayou	750	58	119	154	7.09
10/15/2014	2225 College Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 119-00014D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Billy Goat was used to clear the stoppage and clean the collection lines.	We will periodically wash this section of our collection line. Grease Aways were added to assist in the flow.	None	500	119	119	154	7.09
10/17/2014	9999 Gwenadelle Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 058-08147.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Billy Goat was used to clear the stoppage and clean the collection lines.	We will periodically wash this section of our collection line. Grease Aways were added to assist in the flow.	None	350	58	110	148	6.98



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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt Gals	PS	BOD	TSS	pH
10/17/2014	9821 Hackberry Dr.	There was a ruptured forcemain line associated with Pump Station #36. Emergency Contract Repair - replaced six foot section of line that was damaged that same day. MH# 036-WW.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of repaired forcemain line.	Draughn Creek	700	36	110	148	6.98
10/20/2014	8291 Bayou Fountain Ave.	Pump Station # 279 was down - high wet well - the pump station mechanic had to adjust the rotometer. MH# 279-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	450	279	132	200	6.98
10/28/2014	2225 College Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 119-00014D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Billy Goat was used to clear the stoppage and clean the collection lines.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	500	119	109	150	7.24
10/29/2014	North Flannery @ South Choctaw	Pump Station # 295 was down - high wet well - pump station was vacuumed down, now running off by-pass pumps. MH# 295-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The canal was flushed with fresh water and Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Lively Bayou	20,000	295	124	119	7.15
11/1/2014	5511 Duncan Kenner Dr.	Pump Station # 236 was down - high wet well - low float was malfunctioning. Float had to be adjusted to keep it from hanging up. MH# 236-00001.	Recorded sewage discharge and dispatched wash truck to clear the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. All discharged sewage was captured in a containment pit located on site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	2,000	236	104	112	7.13
11/1/2014	9194 South River Oaks Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 058-01877.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	300	58	141	167	7.21
11/2/2014	2503 Ervin Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to	None	300	61	140	158	7.17

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
11/5/2014	5696 Siegen Lane	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 251-00002	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Claycut Bayou	31	800	251	143	196	7.17
11/9/2014	9518 Homestead Dr.	Pump Station # 431 was down - high - wet well - number one pump was not working; re-set the low float. Pulled pump number two and removed the stoppage. MH# 431-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The Pump Station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	4,000	431	142	136	7.04	
11/9/2014	6058 Old Lodge Court	Pump Station # 347 was down - high - wet well - low float was malfunctioning. Float had to be adjusted to keep it from hanging up - station now fully operational. MH# 347-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	The Lakes @ White Oaks	2,500	347	142	136	7.04	
11/10/2014	2225 College Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 119-00014D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	250	119	246	189	7.13	
11/14/2014	2225 College Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 119-00014D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	400	119	194	190	6.77	
11/16/2014	8976 GSRI Ave.	There was a stoppage in the city main collection line that caused the six inch clean-out to overflow. MH# 142-05017.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	350	142	168	228	7.05	
11/16/2014	8155 Skysail Ave.	Pump Station # 294 was down - high - wet well - the pump station was shut down for contract work repairs.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with records will document operational status. Scheduled maintenance records will document operational status.	We will periodically monitor this station. Scheduled maintenance records will document operational status.	None	350	294	168	228	7.05	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
11/17/2014	4141 Nicholson Dr.	Pump Station #459 was down - high - wet well - there was no power to the station - a bypass was set up, the pump deodorized with Cherry Pit and disinfected with Germ-A-Cert. The Pump Station mechanic status of the pump station.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfectant was poured into the storm drain.	We will periodically monitor this section of our collection line.	None	350	459	83	600	6.43
11/17/2014	7513 Roster Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 170-00141.	Recorded sewage discharge and dispatched wash truck to clean the stoppage. The site was deodorized with Cherry Pit and disinfectant was added to assist in the flow.	We will periodically wash this section of our collection line.	None	300	170	83	600	6.43
11/20/2014	11555 Southfork Ave	There was a stoppage in the city main collection line that caused the four inch clean-out to overflow. MH# 328	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant was added to assist in the flow.	We will periodically wash this section of our collection line.	Jones Creek	250	328	126	150	7.09
11/25/2014	18858 Jefferson Hwy.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 278-00027.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Granular deodorizers and Grease Away was added to assist in the flow.	We will periodically wash this section of our collection line.	None	350	278	147	160	6.96
11/25/2014	9518 Homestead Dr.	Pump Station # 431 was down - high - wet well - the pump station mechanic had to re-set the Ground Fault Circuit Interrupter and re-connect the PLC. MH# 431-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Granular deodorizers and Grease Away was added to assist in the flow.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	350	431	147	160	6.96
11/25/2014	2336 Gardere Lane	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 061-05071.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Granular deodorizers and Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line.	None	350	61	161	158	7.15
11/27/2014	1950 Helm Dr.	Pump Station # 294 was down - high - wet well - the pump station mechanic pulled the pump and removed the stoppage. The pump station is fully operational now. MH# 294-00001.	Recorded sewage discharge and dispatched wash truck to wash down the area. The site was deodorized with Beta Magic, granular deodorizers.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	294	165	176	7.27
11/27/2014	8624 Pascagoula Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 294-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, granular deodorizers.	We will periodically wash this section of our collection line.	None	350	61	177	172	7.27

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
11/28/2014	7900 Summa Ave.	There was a stoppage in the city main collection line that caused the manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site section of our collection line.	We will periodically wash this	None	350	193	136	148	7.01
		to overflow.	was deodorized with Granular deodorizers and Blue Heat was used to clear the stoppage and clean the collection line.	Grease Away was added to						
		MH# 061-05036.		assist in the flow.						
11/29/2014	4915 Alvin Dark Ave.	Pump Station # 206 was down - high - wet well - the pump station mechanic replaced the float. Pump Station is now fully operational.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with Beta Magic, a granular deodorizer.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	206	188	192	7.02
		MH# 206-00001.								
11/29/2014	19543 Arcadian Shores Ave.	Pump Station # 398 was down - high - wet well - the pump station mechanic replaced the check valves, and removed the stoppage from the pumps.	Recorded sewage discharge and dispatched wash truck to clean the area. The pond was flushed with fresh water and the area was deodorized with Beta Magic, a granular deodorizer.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	398	188	192	7.02
		MH# 398-00001.								
12/1/2014	2409 Creekwood Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site section of our collection line.	We will periodically wash this	Dawson Creek	300	58	217	166	6.97
		to overflow.	was deodorized with Beta Magic, a granular deodorizer. Billy Goat was used to clear the stoppage and clean the collection line. Pure X aid in disinfecting.	Grease Away was added to						
		MH# 058-00038G.		assist in the flow.						
12/1/2014	2131 Mariner Dr.	Pump Station # 294 was down - high - wet well - pump number one had a broken shaft, replaced the shaft - pulled pump number two and removed the stoppage.	Recorded sewage discharge and dispatched wash truck to wash down the area. The site was deodorized with Beta Magic, granular deodorizers.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	294	217	166	6.97
		MH# 294-00001.								
12/2/2014	5395 Jones Creek Rd.	Pump Station # 308 was down - high wet well - the pump station mechanic said the impeller came loose.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	350	308	239	172	6.81
		MH# 172-00102. This is where the discharge occurred.								
12/8/2014	5696 Siegen Lane	There was a stoppage in the city main collection line that caused the manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site section of our collection line.	We will periodically wash this	Claycut Bayou	1,400	251	202	200	7.14
		to overflow.	was deodorized with Beta Magic, a granular Grease Away was added to							

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
12/8/2014	15919 Hawwood Ave.	There was a stoppage in the city main collection line that caused the manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	2,000	244	202	200	7.14
12/8/2014	19404 South Lakeway Ave	Pump Station # 343 was down - high wet well - the pump station mechanic turned the pump station off so contractors could make a repair in the area. MH# 343-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump Station mechanic was on site to monitor and put station back on line as soon as possible.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	4,000	343	233	214	7.01
12/9/2014	7035 Rose Hill Dr.	Pump Station # 410 was down - high wet well - both pumps circuit breakers switches tripped. MH# 410-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump Station mechanic re-set the circuit breakers.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	300	410	186	160	7.01
12/10/2014	5455 Highland Ridge Dr.	Pump Station # 219 was down - high wet well - pump circuit breaker switch tripped. MH# 219-00006; 00011; 00012.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump Station mechanic re-set the circuit breakers.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	1,500	219	130	166	6.78
12/10/2014	12434 Parkmeadow Ave.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 148-00075.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	500	148	130	166	6.78
12/11/2014	1919 Boulevard de Province	The Service Inspector found the sewerage system surcharging causing the manhole to overflow. MH# 066-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Jones Creek	350	66	177	152	7.01
12/12/2014	1855 Boulevard de Province	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 066-00090.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Jones Creek	400	66	182	196	7.19

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
12/12/2014	1917 Mariner Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 294-00043	wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	300	294	182	196	7.19
12/12/2014	Tealbrook Dr. @ Firewood Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 224-00067	wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	400	224	170	152	6.98
12/12/2014	2409 Creekwood Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 056-00038D	wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Dawson Creek	400	56	182	196	7.19
12/16/2014	1931 Erlanger Dr.	There was a stoppage in the city main collection line, upon further investigation the Service Inspector found a service lateral broken by a contractor causing a discharge. MH# 066-00081	wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting. The contractor repaired the broken service lateral.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Jones Creek	600	66	155	155	7.17
12/17/2014	4543 South Maiden Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 058-00233	wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	400	58	163	156	7.03
12/18/2014	18460 Santa Maria Dr.	Pump Station # 398 was down - high wet well - pump circuit breaker switch tripped MH# 398-00001	wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump Station mechanic re-set the circuit breaker.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	300	398	202	150	7.03
12/19/2014	Starting Lane @ Burbank Dr.	Sewerage system was surcharging due to rain event causing the manhole to overflow. MH# 061-00389	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line until the normal flow resumes.	Bayou Fountain	18,000	61	108	284	7.01
12/23/2014	Starting Lane @ Burbank Dr.	Sewerage system was surcharging due to rain event causing the manhole to overflow. MH# 061-00389	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line until the normal flow resumes.	Bayou Fountain	750	61	186	347	6.84

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
12/26/2014	4738 Constitution Ave.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 091-00097.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line until the normal flow resumes. Grease Away was added to assist in the flow.	None	350	91	85	204	6.92
12/27/2014	17800 Boulevard Louisiana	Sewerage system was surcharging due to rain event causing the manhole to overflow. MH# 343-003029	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line until the normal flow resumes.	None	500	343	56	668	6.81
12/27/2014	831 Pastureview Dr.	Pump Station # 385 was down - high wet well - number two pump was stop- ped up, the pump was pulled and stop- page was cleared. MH# 385-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	385	56	668	6.81
12/27/2014	4915 Alvin Dark Ave.	Pump Station # 206 was down - high wet well - the pump station was sur- charged because of the sewerage system. MH# 206-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line until the normal flow resumes.	None	500	206	56	668	6.81
12/28/2014	12732 Country Ridge Ave.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 148-00037.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	350	148	132	163	7.01
12/29/2014	754 Plantation Ridge Ave.	Pump Station # 161 was down - high wet well - the pump station loss power, number two pump tripped the circuit breaker. Number one pump began to pump the wet pit down and station is cycling normal. The circuit breaker was re-set. MH# 161-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line until the normal flow resumes.	None	1,000	161	165	177	6.87
12/29/2014	3356 Grassy Lake Dr.	Pump Station # 427 was down - high wet well - due to an electrical problem. MH# 427-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump Station mechanic was on site to put station back on line as soon as possible.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	427	145	135	6.84
12/31/2014	18460 Santa Maria Dr.	Pump Station # 398 was down - high wet well - pump circuit breaker switch tripped.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump Station mechanic will document operational records will document operational status of the station.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	300	398	146	202	7.14

**CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE  
SANITARY SEWER OVERFLOWS MONITORING REPORT**

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
10/01/2014 To 12/31/2014

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
12/31/14	6629 Pec Lane	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 147-00067.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line.	None	500	147	146	202	7.14
12/31/14	13916 Tera Dr.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 6-00003.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line.	None	1,400	156	146	202	7.14



**From:** Cynthia D. Thomas  
**Sent:** Monday, November 24, 2014 10:06 AM  
**To:** spoc@LA.GOV; 'Gooden-Jackson.Gladys@epamail.epa.gov'; whitten-hill.darlene@epa.gov; Cheryl Berry; Mitch O'brien; Amy Schulze; Bryan Harmon; Dale Campau; 'Mary.David@LA.GOV'; Morris Rosaya; Justin Sharper  
**Cc:** Pat Smith; Barbara J. Ourso; Elma James; Cynthia D. Thomas  
**Subject:** Overflow at South Treatment Plant LA0036412 AI#4841 Incident# 14-05216

South Treatment Plant LA0036412 AI# 4841  
 2850 Gardere Lane  
 Baton Rouge, LA 70812

**Beginning Date:** 11/23/2014  
**Beginning Time:** 1640 hours  
**Ending Date:** 11/23/2014  
**Ending Time:** 1643 hours

We had an overflow at the South Treatment Plant Preliminary Treatment Facility (PTF) that was caused by a possible power glitch and/or contractors working on the generators that made the forcemain and equilibrium pumps drop out. The power was restored and normal operations resumed. Cherry D was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. An estimated 500 gallons of influent wastewater spilled onto plant grounds. If necessary, an official written report will follow.

Thanks,  
 Cynthia Thomas  
 Assistant Wastewater Laboratory Supervisor  
 City of Baton Rouge/Parish of East Baton Rouge  
 2443 River Rd. Baton Rouge, LA 70802  
 Ph (225) 389-3240, ext. 339  
 Fax (225) 389-3111

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE  
SANITARY SEWER OVERFLOWS MONITORING REPORT

CENTRAL Sewer District Collection System LPDES LA0036421A# 4842  
10/01/2014 To 12/31/2014

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
11/24/15	Mansfield Ave.	Pump Station # 228 was down - high - wet well - low float was malfunctioning. Float had to be adjusted to keep it from hanging up. MH# 228-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Granular deodorizers. The pump station mechanic had to re-adjust floats location.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	250	228	234	94	6.89
11/27/14	3171 College Dr @ James wn	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 005-04023C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Granular deodorizers and Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Aways were added to assist in the flow.	None	350	5	100	78	7.01
11/29/14	2146 Olive St.	There was a stoppage in the city main collection line that caused the manhole to overflow. MH# 059- Manhole is not identified on the EBRISCO.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Aways were added to assist in the flow.	None	300	59	98	91	7.02
12/6/2014	East Lakeside Cedarda Ave.	Pump Station # 002 was down - high wet well - the pump ZFD was tripped, their was a high output occurrence. The ZFD was re-set. MH# 002-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer. The receiving stream was flushed with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	7,500	2	342	140	7.28

**From:** Cynthia D. Thomas  
**Sent:** Monday, December 01, 2014 2:56 PM  
**To:** spoc@LA.GOV; 'Gooden-Jackson.Gladys@epamail.epa.gov'; whittenhill.darlene@epa.gov; Cheryl Berry; Mitch O'brien; Amy Schulze; Bryan Harmon; Dale Campau; 'Mary.David@LA.GOV'; Clay Vanveckhoven  
**Cc:** Pat Smith; Lenora Brown; Cynthia D. Thomas  
**Subject:** Overflow at Central Treatment Plant - LA0036421 AI#4842 Incident# 14-05278

Central Treatment Plant LA0036421 AI# 4842  
2443 River Road  
Baton Rouge, LA 70802

**Beginning Date:** 11/30/2014  
**Beginning Time:** 1830 hours  
**Ending Date:** 11/30/2014  
**Ending Time:** 1845 hours

We had an overflow at the Central Treatment Plant from the intermediate pump station which was caused by a malfunction of the bubbler system, thereby preventing the pumps from operating properly. Mint green was used for disinfection during cleanup measures. The Sanitary Sewer Overflow Response Plan was followed during this incident. An estimated 27,000 gallons spilled onto plant grounds. If necessary, an official written report will follow.

Thanks,  
Cynthia Thomas  
Assistant Wastewater Laboratory Supervisor  
City of Baton Rouge/Parish of East Baton Rouge  
2443 River Rd. Baton Rouge, LA 70802  
Ph (225) 389-3240, ext. 339  
Fax (225) 389-3111

**CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE  
SANITARY SEWER OVERFLOWS MONITORING REPORT**

NORTH Sewer District Collection System LPDES LA0036439A1# 4843

10/01/2014 To 12/31/2014

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
12/2/2014	9723 El Scott Ave.	There was a stoppage in the city main collection line that caused the manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Aways was added to assist in the flow.	None	500	88	120	102	7.33
12/5/2014	4343 Denham St.	There was a stoppage in the city main collection line that caused the six inch clean-out to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Aways was added to assist in the flow.	None	200	54	300	144	6.87
12/6/2014	7074 Cambridge St.	Pump Station # 044 was down - high wet well - the overload circuit breaker switch tripped. The breaker switch was re-set by the pump station mechanic.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	2,000	44	174	152	7.19
12/21/2014	2050 78th Avenue	Sewerage system was surcharging due to rain event causing the manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line until the normal flow resumes.	None	900	44	134	268	7.01

NOV NONE

OCT NONE

**Part E:**  
**Consent Decree**  
**Compliance Status**

**Baton Rouge Consent Decree Quarterly Report**  
**Part E - Consent Decree Compliance Status**

**Requirement:** Pursuant to Exhibit I of the Consent Decree, the City/Parish shall report Consent Decree compliance status in each quarterly report and provide a brief narrative summary of non-compliance items and any other information required to convey activity status as it relates to compliance or non-compliance with the Consent Decree.

**Compliance Status**

1. The City/Parish was in compliance with the South Treatment Plant LPDES Permit No. LA0036412 AI# 4841 during the reporting period.
2. The City/Parish was in compliance with the Central Treatment Plant LPDES Permit No. LA0036421 AI# 4842 during the reporting period.
3. The City/Parish was in compliance with the North Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period.

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 10/01 / 14 to 12/31 / 14. If not, see comments above.