



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 52

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**April 24, 2015**



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, La 70821

April 24, 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 Second Quarterly Report - **Period Ending March 31, 2015**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 52<sup>nd</sup> Consent Decree Quarterly Report covering activities for the quarter ending March 31, 2015. 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 52<sup>nd</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 Second 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,

A handwritten signature in black ink, appearing to read "Bryan Harmon". The signature is fluid and cursive, with the first name "Bryan" being more prominent than the last name "Harmon".

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 Bates, 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:** April 20, 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

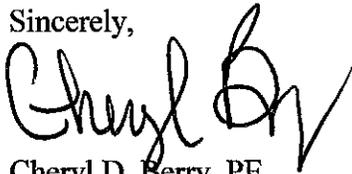
**From:** Ms. Cheryl Berry, P.E., Wastewater Treatment and Disposal Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Fifty Second Quarterly Report – Period Ending March 31, 2015  
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 Second 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 Second 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.



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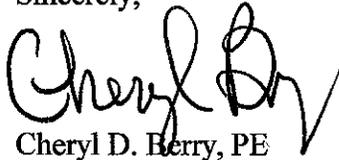
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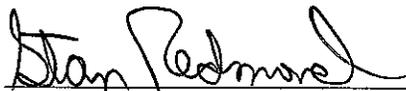
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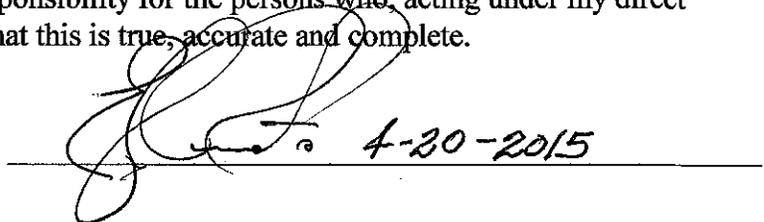
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# 52nd Quarterly Report - Executive Summary

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## 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 March 31, 2015.

## 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 March 31, 2015)

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.

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 March 31, 2015 there have been 71 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			
	51 <sup>st</sup>	31-Jan-15	21-Jan-15
	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

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

	<b>Deadline</b>	<b>Completion</b>	<b>Resubmission/ Update</b>
<b>Quarterly Reports</b>			
	41 <sup>st</sup>	31-Jul-12	25-Jul-12
	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

<b>TABLE 2</b>				
<b>Summary of Consent Decree Reporting Deliverables</b>				
		<b>Deadline</b>	<b>Completion</b>	<b>Resubmission/ Update</b>
<b>Quarterly Reports</b>				
	1 <sup>st</sup>	31-Jul-02	23-Jul-02	
<b>Annual Reports</b>				
	2014	31-Jan-15	30-Jan-15	
	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	30-Apr-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 1<sup>st</sup> 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 36<sup>th</sup> Quarterly EPA Report.

<b>TABLE 3</b>				
<i>EPA Consent Decree Summary and RMAP1 Milestones</i>				
		<b>RMAP1 Projects Completed</b>	<b>RMAP1 Projects Completed</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>		May 4, 2007	Proposed on September 1, 2008	
<b>Construction Status</b>		Complete	Complete	
<b>Consent Decree Projects</b>	<b>Corresponding City/Parish Projects</b>			
<b>RMAP1 Projects</b>				
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)	✓		

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<i>EPA Consent Decree Summary and RMAP1 Milestones</i>				
		<b>RMAP1 Projects Completed</b>	<b>RMAP1 Projects Completed</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>		May 4, 2007	Proposed on September 1, 2008	
<b>Construction Status</b>		Complete	Complete	
<b>Consent Decree Projects</b>	<b>Corresponding City/Parish Projects</b>			
<b>RMAP1 Projects</b>				
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	✓		
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	✓		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	✓		
	**Frenchtown 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	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	✓		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	✓		
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	✓		
	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

<b>TABLE 3</b>				
<i>EPA Consent Decree Summary and RMAP1 Milestones</i>				
		<b>RMAP1 Projects Completed</b>	<b>RMAP1 Projects Completed</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>		May 4, 2007	Proposed on September 1, 2008	
<b>Construction Status</b>		Complete	Complete	
<b>Consent Decree Projects</b>	<b>Corresponding City/Parish Projects</b>			
<b>RMAP1 Projects</b>				
				Master Plan. Project proposed as a part of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		4 <sup>th</sup> Quarter 2008	<b>Project completed – 4<sup>th</sup> quarter 2008</b> (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	<b>Project completed – 4<sup>th</sup> quarter 2007.</b>
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 1<sup>st</sup> quarter 2011.</b>
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2009.</b>
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2010.</b>
<b>*Notes:</b> This project was executed as a combination of two RMAP1 projects				
<b>**Notes:</b> These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree				
<b>***Notes:</b> 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 March 31, 2015 there are 59 RMAP2 projects functionally completed (ahead of schedule), 31 projects under construction, and 20 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 and workforce availability, and an upward trend in material prices have continued to be issues of concern, and over the last quarter these trends have actively interfered with the ability to deliver projects on schedule. In addition, the capacity of both internal and external support functions continues to be an issue of concern, particularly due to the stresses already placed on several key support roles especially with regards to the City/Parish procurement system, and to a lesser degree with property 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); Hurricanes Katrina, Rita, Gustav, and Isaac; the Gulf of Mexico oil spill; 2011 Mississippi River flood; Tropical Storm Lee; and other extreme storm events. Numerous unexpected events outside of City/Parish control continue to impact progress on projects including some force majeure events such as the 2014 construction issue on the Plank Road-Kleinpeter Road Capacity Project where an underground obstruction was struck during microtunneling activities which had to be removed prior to resuming construction. Most recently a force majeure event submittal was made on March 24, 2015 due to the ongoing 2015 Mississippi River Flood Event, an event which continues to impact multiple projects under construction. Projects proximate to the levee have ceased construction due to Corps of Engineers/Coastal Protection and Restoration Authority permit restrictions while multiple projects report emerging groundwater seepage issues which impact production schedules while contractors deal with constructability and safety. A copy of this force majeure submittal is provided at Attachment A to this 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. Current ongoing projects have incurred significant schedule impacts associated with force majeure events described above during planning, design and construction phases. The resulting accumulated delays have in some cases driven the project schedules beyond the 66% regulatory milestone date. These projects are indicated in Table 5 below. The City/Parish is actively managing these projects to minimize any delays associated with these projects beyond the 66% milestone date. The City/Parish will continue to regularly document and report any RMAP2 project changes related to force majeure events.

The City/Parish 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 RMAP2 project changes (scope changes, project additions, project deletions, and schedule changes) in the Quarterly and Annual EPA Reports.

The 2013 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 March 31, 2015.

### **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 March 31, 2015.

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

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	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>				
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.
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 90% complete and ongoing. Anticipated 2 <sup>nd</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.

**TABLE 4**

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

	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summaries</b>
<b>Milestone Date</b>	<b>1<sup>st</sup> QTR 2013</b>	<b>2<sup>nd</sup> QTR 2015</b>	<b>4<sup>th</sup> QTR 2018</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Antioch Road – Chadsford Drive Area Rehabilitation Project</b>		✓		Construction 65% complete and ongoing. Anticipated completion 2 <sup>nd</sup> quarter 2015.
<b>Jones Creek Road – Tiger Bend Road Area Rehabilitation Project</b>			✓	Construction 70% complete and ongoing. Anticipated completion 3 <sup>rd</sup> quarter 2015.
<b>Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project</b>		✓		Construction is 40% 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.
<b>Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project</b>			✓	Construction 2% complete and ongoing. Anticipated completion 2 <sup>nd</sup> quarter 2016.
<b>Siegen Lane – Interstate 10 Area Rehabilitation Project</b>			✓	Bid phase complete; construction NTP anticipated 2 <sup>nd</sup> quarter 2015.
<b>Interstate 110 – Hollywood Street Area Rehabilitation Project</b>			✓	Construction is 40% complete and ongoing. Anticipated completion 3 <sup>rd</sup> quarter 2015.
<b>Ardenwood Drive – Winbourne Street Area Rehabilitation Project</b>			✓	Project advertised 1 <sup>st</sup> Quarter 2015. Construction NTP anticipated 3 <sup>rd</sup> quarter 2015.
<b>Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project</b>			✓	Design 75% complete. Advertisement for bids expected to begin 3 <sup>rd</sup> quarter 2015.
<b>Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project</b>			✓	Survey underway. Design NTP expected 2 <sup>nd</sup> quarter 2016.
<b>East Boulevard – Government Street Area Rehabilitation Project</b>			✓	Advertisement for bids expected to begin 2 <sup>nd</sup> quarter 2015.
<b>North 38<sup>th</sup> Street – Gus Young Avenue Area Rehabilitation Project</b>			✓	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 mains, 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 March 31, 2015.

TABLE 5				
EPA Consent Decree RMAP2 Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	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	
Project Descriptions RMAP2 Projects				
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. <b>Project is suspended due to backwater flooding; see attached Force Majeure Event Notification, Mississippi River Flood Event. Currently critical path work is unavailable until the river level falls and soils at the site stabilize.</b>
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 3 <sup>rd</sup> quarter 2015.
South Boulevard – St. Joseph Street Sewer Area Upgrades	✓			Project completed - 3 <sup>rd</sup> quarter 2012.

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	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	
South Boulevard – St. Joseph Street Sewer Area Upgrades – Phase B			✓	Construction approximately 40% complete and ongoing. This project has encountered many physical obstacles that continue to impact the anticipated completion date. <b>Currently all work is unavailable due to the Corps of Engineers Order regarding the Mississippi River Flood levels and associated project permit conditions. See attached force majeure event notification.</b>
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.
Citiplace/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. <b>Currently the functionally complete date for this project is impacted due to the Mississippi River Flood force majeure event. This project cannot be completed until the ZATNIP Phase II project is complete due to project interdependent tie ins, and the ZATNIP Phase II project is currently shut down due to backwater flooding.</b>
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 currently underway due to City-Parish initiating default proceeding against the contractor. 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		✓		Project completed - 1 <sup>st</sup> quarter 2015.
Bayou Duplantier Area Sewer Upgrades		✓		Project completed--3 <sup>rd</sup> quarter 2013.

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	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	
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 39% complete and ongoing, with completion anticipated 3 <sup>rd</sup> quarter 2015. Contractor experiencing manpower issues as previously described. Schedule impacts are being monitored and mitigation efforts are ongoing.
Plank Road – Kleinpeter Road Sewer Area Upgrades		✓		Construction is approximately 89% complete and ongoing. <b>Currently the functionally complete date for this project is impacted due to the Mississippi River Flood force majeure event. This project cannot be completed until the ZATNIP Phase II project is complete due to project interdependent tie ins, and the ZATNIP Phase II project is currently shut down due to backwater flooding.</b>
O'Neal Lane Pipeline Improvements – Group A		✓		Project completed- 4 <sup>th</sup> quarter 2014.
O'Neal Lane Pipeline Improvements – Group B			✓	Construction is approximately 35% complete and ongoing. 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 89% complete and ongoing. <b>Project experiencing construction slowdown with elevated groundwater at the site due to elevated Mississippi River levels. See attached Force Majeure event notification.</b>
Pump Station 58 Capacity Improvements		✓		Project completed – 1 <sup>st</sup> quarter 2015.
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 3 <sup>rd</sup> quarter 2015.

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	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	
Airline Highway Pipeline Improvements-Phase B			✓	Design completed. Advertisement for bids expected to begin 3 <sup>rd</sup> quarter 2015.
Multiple PS - Highland Road - Kenilworth Parkway			✓	Construction is approximately 9% complete and ongoing. <b>Project experiencing construction slowdown with elevated groundwater at the site due to elevated Mississippi River levels. See attached Force Majeure event notification.</b>
Florida Boulevard Pump Station Improvements			✓	Design completed. Advertisement for bids anticipated 3 <sup>rd</sup> quarter 2015.
Plank Road Pump Station Improvements			✓	Construction is approximately 6% complete and ongoing.
Multiple PS - Highway 61 - Plank Road			✓	100% design underway and expected to be submitted 2 <sup>nd</sup> quarter 2015.
O'Neal Lane Pump Station Improvements – Group A			✓	Construction approximately 40% complete and ongoing.
O'Neal Lane Pump Station Improvements – Group B			✓	Construction approximately 20% complete and ongoing.
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			✓	Design completed. Advertisement for bids anticipated 2 <sup>nd</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			✓	Construction NTP 1 <sup>st</sup> quarter 2015.
Highland Road Pipeline Improvements - Group A			✓	Construction is approximately 12% complete and ongoing. <b>Project experiencing construction slowdown with elevated groundwater at the site due to elevated Mississippi River levels. See attached Force Majeure event notification</b>
Highland Road Pipeline Improvements - Group B			✓	Advertisement for bids underway 3 <sup>rd</sup> quarter 2014. NTP anticipated 2 <sup>nd</sup> quarter 2015.
Oak Villa Boulevard - Monterey Boulevard Sewer Area Upgrades			✓	Design completed. Advertisement for bids expected to be underway 3 <sup>rd</sup> quarter 2015.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades			✓	90% design underway and expected to be submitted 3 <sup>rd</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 2 <sup>nd</sup> quarter 2015.
Multiple PS - Burbank Drive - Siegen Lane			✓	Bid phase complete; construction NTP anticipated 2 <sup>nd</sup> quarter 2015.

**TABLE 5**

**EPA Consent Decree RMAP2 Milestones for Category 2 Projects**

	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summaries</b>
<b>Milestone Date</b>	<b>1<sup>st</sup> QTR 2013</b>	<b>2<sup>nd</sup> QTR 2015</b>	<b>4<sup>th</sup> QTR 2018</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Pump Station 42 Improvements</b>		✓		Construction is approximately 78% complete and ongoing. Project being closely monitored and issues that may seriously impact schedule are being mitigated. <b>Currently critical path work is unavailable due to the Corps of Engineers Order regarding the Mississippi River Flood levels and project specific permit conditions. See attached Force Majeure event notification.</b>
<b>Pump Station 42 Forcemain - Phase I</b>		✓		<b>Project complete-3<sup>rd</sup> quarter 2014.</b>
<b>Pump Station 42 Forcemain - Phase II</b>		✓		<b>Project complete-2<sup>nd</sup> quarter 2014.</b>
<b>Central Consolidated Pump Stations</b>		✓		<b>Project complete—4<sup>th</sup> quarter 2014.</b>
<b>Central Consolidated Forcemains – Phase I</b>		✓		<b>Project complete--3<sup>rd</sup> quarter 2013.</b>
<b>Central Consolidated Forcemains – Phase II</b>		✓		<b>Project complete-3<sup>rd</sup> quarter 2014.</b>

### 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 March 31, 2015.

<b>Table 6</b>				
<b>EPA Consent Decree RMAP2 Milestones for Category 3 Projects</b>				
	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summaries</b>
<b>Milestone Date</b>	<b>1<sup>st</sup> QTR 2013</b>	<b>2<sup>nd</sup> QTR 2015</b>	<b>4<sup>th</sup> QTR 2018</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Project Descriptions RMAP2 Projects</b>				
<b>Choctaw Storage and Pump Station Facility</b>		✓		<b>Project completed – 3<sup>rd</sup> quarter 2013.</b>
<b>Hooper Storage Facility</b>		✓		Construction approximately 77% complete and ongoing. Project being closely monitored for issues that are impacting schedule; mitigation efforts are underway.
<b>South WWTP IAP (Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)</b>	✓			<b>Project completed - 2<sup>nd</sup> quarter 2011.</b>

<b>Table 6</b>				
<b>EPA Consent Decree RMAP2 Milestones for Category 3 Projects</b>				
	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summaries</b>
<b>Milestone Date</b>	<b>1<sup>st</sup> QTR 2013</b>	<b>2<sup>nd</sup> QTR 2015</b>	<b>4<sup>th</sup> QTR 2018</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</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 98% 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.

<b>Table 7</b>			
<b>Proposed Schedule for Projects Outside of Consent Decree</b>			
	<b>Scheduled Start</b>	<b>Scheduled Finish</b>	<b>Project Status Summary</b>
<b>NWWTP Master Plan Project #1 – WWTP Improvements</b>	Project Underway	Design – December, 2015 Construction – December, 2018	Design is at 60% and ongoing.
<b>NWWTP Master Plan Project #2 – Sustainability Projects</b>	Project Underway	Design – December, 2015 Construction – December, 2018	100% design underway. Advertisement anticipated 3 <sup>rd</sup> quarter 2015.
<b>NWWTP Master Plan Project #3 (Public Project) – Plant Buffer</b>	6 months from Extension approval	Design and Land Purchase – June, 2014 Construction – June, 2015	Design underway 2 <sup>nd</sup> quarter 2015.
<b>SWWTP Wet Weather Improvements – Phase II (Master Plan portion)</b>	Project Underway	4 <sup>th</sup> quarter, 2014	Construction is approximately 98% complete and ongoing.

<b>Table 7</b>			
<b>Proposed Schedule for Projects Outside of Consent Decree</b>			
	<b>Scheduled Start</b>	<b>Scheduled Finish</b>	<b>Project Status Summary</b>
<b>Sewer System and WWTP Stand-by Power Program</b>	Project Underway	Completion of SSO Program	Installation approximately 64% 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 18% 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 4 <sup>th</sup> quarter 2015.	100% design under review. Additional work has been added to this project. Advertisement for bids anticipated 3 <sup>rd</sup> quarter 2015.
<b>South Boulevard – Saint Joseph Street Phase B</b>	Project Underway	Expected to be completed by 3 <sup>rd</sup> quarter 2015.	Construction approximately 40% complete and ongoing. This project has encountered many physical obstacles that continue to impact the anticipated completion date. <b>Currently all work is unavailable due to the Corps of Engineers Order regarding the Mississippi River Flood. See attached Force Majeure event notification.</b>
<b>Central WWTP Decommissioning Project</b>	4 <sup>th</sup> quarter 2014	Expected to be completed by 2 <sup>nd</sup> quarter 2017.	Project design underway.

## 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. A summary of outreach activities for the first quarter follows.

### **1<sup>ST</sup> Quarter 2015 Public Outreach Summary (January to March)**

**January 8, 2015:** The SSO Program met with the Federation of Greater Baton Rouge Civic Associations (FGBRCA). 45 civic association representatives attended. The SSO Program provided information on the purpose of the Program, how construction communication is conducted and citizen service requests processed, what services the Program can provide the civic association when construction in their area is occurring, and an introduction into what sort of construction to expect. A question and answer session was also held. The information session included a PowerPoint presentation, dispersal of contact information business cards, and public quarterly progress reports.

**February 18, 2015:** A meeting was held with representatives of the Downtown Development District (DDD) to discuss rehabilitation construction in the downtown area. The discussion focused on two projects, East Blvd. - Government St. Area Rehabilitation Project and the Scenic Hwy. - Spanish Town Rd. Area Rehabilitation Project. Project maps, public quarterly progress reports, and sewer savvy brochures were distributed.

**March 2, 2015:** SSO Program representatives met with approximately 8 members of the Historic Spanish Town Civic Association to provide information concerning upcoming construction in their area. The PowerPoint presentation introduced the purpose of the SSO Program, reviewed what sort of construction is used on rehabilitation projects, discussed communication methods and how service requests are processed, and answered questions members of the Historic Spanish Town Civic Association had. The public quarterly progress report and sewer savvy brochure were distributed.



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, La 70821

March 24, 2015

### **CERTIFIED – RETURN RECEIPT REQUESTED**

Mr. Michael T. Donnellan  
U.S. Department of Justice  
P.O. Box 7611  
Washington, D.C. 20044-7611

Ms. Mona Bates (6EN-WM)  
U.S. Environmental Protection Agency, Region 6  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

Ms. Peggy Hatch  
Louisiana Department of Environmental Quality  
602 N. Fifth Street  
Baton Rouge, LA 70802

Re: City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Notice of Force Majeure Event – 2015 Mississippi River Flood Event

Gentlemen:

In conformance with the *Force Majeure* provision included in *Section XXII – Force Majeure* of the Consent Decree, this letter will serve as the formal notification by the City of Baton Rouge and Parish of East Baton Rouge (City/Parish) to the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ) that a force majeure event is taking place. As evidenced by the attached “2015 March High Water Notice” issued by the Corps of Engineers and dated 17 March 2015, all subsurface work is to be restricted beginning with the Carrollton Gage level reaching +11.0 MSL. The MR is projected to continue rising as flood volume water from the Ohio River basin enters the MR system north of Baton Rouge, and is not projected to drop below +11.0 MSL on the Carrollton gage until April 9 (see attached extended forecast printout from the Corps of Engineers Lower Mississippi RFC River Forecast Center). These elevated river levels are causing direct construction impacts beyond the control of the SSO Program on several projects in close proximity of the MR, with secondary schedule impacts being felt in all drainage basins. Summaries for the projects affected by this Force Majeure event are provided below. This Force Majeure notification will be updated as needed during the continuing 2015 flood season.

#### **Projects with Direct Impacts**

##### **Zachary Area Transmission Network Improvements Project (ZATNIP), Phase II**

The ZATNIP Phase II project was in the process of installation of pipeline segments required for transition on and off of an old City-Parish waste facility that would allow installation of the pipeline without excavation into the waste mass of the facility. These transitions were

redesigned to avoid any possible waste mass disturbance resulting in a delay of approximately 71 days. The redesign delay pushed the construction schedule out driving construction to a start date in February, 2015. Construction of these transition segments requires crossing of drainage ways that are in direct influence of the MR which are currently under rising water. Construction at the site ceased as of 3/17/15, and cannot be reinitiated until the site can support the construction activities safely, anticipated approximately 60 days after all water recedes from the site. Every effort will be made to identify opportunities to confirm that this project is functionally complete prior to the 66% milestone date. Construction on these segments will be resumed as soon as conditions at the site allow.

#### Pump Station 42

Construction at the Pump Station 42 site is within 1500 feet of the main stem MR levees, and is governed by a permit from the Pontchartrain Levee Board which incorporates conditions from the US Army Corps of Engineers which requires shutdown of construction when the MR level reaches 11 feet at the Carrollton Gage in New Orleans. The MR passed the 11 foot elevation on March 17, 2015, and is projected to continue above that level until April 9. Construction activities requiring excavation have been shut down in accordance with the permit until after the river level falls and the site is appropriate for resumption of construction, nominally assumed to be 60 days after the river level falls. Every effort will be made to identify opportunities to confirm that this project is functionally complete prior to the 66% milestone date, and construction will be resumed as soon as conditions at the site allow.

#### South Blvd-St. Joseph St Sewer Area Upgrades Phase B

The majority of this project falls within 1500 feet of the MR levee. The southern section of the project is required by permit to cease construction at 11 on the Carrollton gage and the northern section of the project is required by permit to cease construction at 35 on the Baton Rouge gage. Construction progress ceased prior to March 17 to begin flood preparation on the southern section with construction stopped and flood preparations ongoing for the northern section in anticipation of the MR level exceeding 35 feet in Baton Rouge on Tuesday, March 24. Construction of both sections which are on the critical path including excavation cannot be reinitiated at the site until approximately 60 days after the MR level drops below 11 to allow for soils to drain and stabilize in the area.

#### Group 1B PS 45

Construction has been impacted at the PS 45 site where high groundwater has become a construction issue as the MR level has risen. Completion of construction at this site has been delayed as the contractor has to incorporate measures for groundwater management. Every effort will be made to identify opportunities to confirm that this project is functionally complete prior to the 66% milestone date, and construction will be resumed as soon as conditions at the site allow.

### **Secondary Schedule Impacts**

#### Plank Rd-Kleinpeter Road Area Sewer Upgrades Project

##### Group 1B Sewer Upgrades Project

Secondary schedule impacts could occur at these projects delaying the functionally complete evaluation due to system dependence on the ZATNIP Phase II Project where construction has been interrupted by the MR level. Every effort is being made to

identify potential alternate methods of confirming that the projects are functionally complete ahead of the 66% Regulatory milestone date independent of the status of the ZATNIP Phase II Project.

Multiple Pump Stations Highland Rd-Kenilworth Pkwy  
Highland Road Sewer Area Upgrades (Group B)  
Multiple Pump Stations Nicholson Rd- Brightside Ln

Sites within these projects are experiencing impacts from the elevated MR levels even though the locations are outside of the regulated 1500 foot zone. These areas are within the influence of the river where sand boils and surface seepage have occurred during previous flood events likely due to legacy MR meander channels. These silt and sand filled channels vary in width, depth, and distance from the MR, and are the legacy of other flow paths that the MR has taken across history. Issues associated with water seepage due to the river's level are closing or delaying construction as measures are implemented to manage the water.

The SSO Program is continuously monitoring the level of the MR through official transmittals of the Corps of Engineers, and maintains periodic observation of sites where construction has ceased. Intermittent contact is made with the personnel monitoring the MR level and levee in order to better understand the earliest that construction can resume on these projects. The SSO Program will aggressively pursue resumption of construction when it is deemed appropriate to do so.

I certify that the information contained in or accompanying this document is true, accurate and complete. As to 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  
Public Works Interim Director



Robert Abbott  
Senior Special Assistant Parish Attorney

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President  
Mr. William B. Daniel, IV, Chief Administrative Officer  
Dr. Al Amendariz, US EPA REGION 6 Administrator  
Mr. Carlos Zequeira, US EPA (6RC-EA)  
Ms. Gladys Gooden-Jackson, US EPA (6EN-WC)  
Mr. Ted Broyles, LDEQ  
Mr. Bruce Hammatt, LDEQ  
Mr. Adam Smith, DPW  
Mr. Mark LeBlanc, DPW  
Mr. Joshua Crowe, CH2MHILL

## National Weather Service River Forecast Center Lower Mississippi RFC

616  
 FGUS64 KORN 181735  
 ESPORN  
 EXTENDED STREAMFLOW PREDICTION  
 NATIONAL WEATHER SERVICE RIVER FORECAST CENTER, SLIDELL, LA  
 1233 PM CDT WED MAR 18 2015

DATE	CPGM7	CIRI2	NMDM7	TPPT1	CRIM7	OSGA4	MEMT1	TRPM6	HEEA4
03-18-15	24.0	48.3	36.1	38.0	35.7	30.9	29.9	41.4	37.7
03-19-15	24.0	48.3	36.3	38.5	36.3	31.7	30.7	42.0	38.4
03-20-15	23.8	48.3	36.2	38.4	36.4	32.3	31.5	42.6	39.1
03-21-15	23.5	48.3	36.1	38.3	36.3	32.5	32.0	42.9	39.6
03-22-15	23.3	48.2	36.1	38.2	36.3	32.4	32.5	43.3	40.0
03-23-15	22.9	47.9	36.0	38.1	36.3	32.3	32.5	43.5	40.4
03-24-15	22.4	47.4	35.7	37.9	36.1	32.3	32.4	43.4	40.5
03-25-15	21.7	46.7	35.3	37.6	35.8	32.0	32.3	43.4	40.3
03-26-15	20.8	45.6	34.7	37.0	35.3	31.6	31.9	43.1	40.3
03-27-15	19.5	43.5	33.8	36.4	34.7	31.0	31.5	42.7	39.8
03-28-15	18.2	40.3	31.0	35.0	33.6	30.2	30.8	42.1	39.4
03-29-15	17.0	35.1	27.3	31.5	31.4	28.3	29.9	41.4	38.8
03-30-15	16.1	30.7	23.5	27.9	27.7	25.7	28.7	40.4	38.0
03-31-15	15.5	28.0	19.9	24.3	23.8	21.2	26.6	38.9	36.8
04-01-15	14.8	26.2	18.2	21.9	21.0	17.2	22.6	36.2	34.9
04-02-15	14.3	25.0	16.9	20.3	19.4	14.6	18.0	31.8	31.3
04-03-15	13.8	24.2	16.3	19.5	18.6	13.4	15.6	28.1	27.1
04-04-15	13.4	23.6	15.7	19.0	18.1	12.6	14.3	26.5	24.9
04-05-15	13.0	23.0	15.1	18.4	17.7	12.0	13.4	25.6	23.7
04-06-15	12.5	22.5	14.5	17.8	17.4	11.6	12.7	24.7	22.8
04-07-15	12.0	21.9	14.0	17.3	17.1	11.3	12.3	24.3	22.1
04-08-15	11.6	21.4	13.6	16.9	16.8	10.9	12.0	24.0	21.8
04-09-15	11.5	20.9	13.2	16.5	16.5	10.6	11.6	23.7	21.5
04-10-15	11.3	20.6	12.7	16.1	16.2	10.2	11.4	23.3	21.1
04-11-15	11.2	20.3	12.3	15.6	15.9	9.9	11.0	23.0	20.8
04-12-15	11.0	20.0	12.1	15.4	15.7	9.6	10.7	22.7	20.4
04-13-15	10.9	19.9	11.8	15.2	15.5	9.4	10.4	22.4	20.1
04-14-15	10.9	19.8	11.6	15.0	15.3	9.2	10.2	22.1	19.9

DATE	ARSA4	GEEM6	VCKM6	NTZM6	RRL1	BTRL1	DONL1	RRV1	NORL1
03-18-15	32.5	43.6	38.8	45.5	47.7	31.8	22.3	16.8	12.2
03-19-15	33.2	44.3	39.5	46.3	48.7	32.7	23.4	17.6	13.0
03-20-15	33.8	44.9	40.2	46.9	49.4	33.6	24.0	18.2	13.4
03-21-15	34.4	45.4	40.7	47.6	49.9	34.2	24.4	18.6	13.5
03-22-15	35.0	45.9	41.1	47.9	50.3	34.7	24.7	18.9	13.7
03-23-15	35.4	46.4	41.5	48.2	50.5	34.9	24.9	19.1	13.7
03-24-15	35.7	46.6	41.8	48.6	50.6	35.1	25.1	19.1	13.7
03-25-15	36.0	46.8	42.1	48.8	50.7	35.1	25.1	19.2	13.7
03-26-15	35.9	46.9	42.3	48.9	50.8	35.2	25.2	19.2	13.8
03-27-15	35.8	46.8	42.5	48.9	50.8	35.2	25.2	19.3	13.8
03-28-15	35.4	46.6	42.4	49.0	50.9	35.3	25.3	19.3	13.8
03-29-15	35.0	46.2	42.2	48.9	51.0	35.3	25.3	19.4	13.9
03-30-15	34.4	45.7	41.8	48.9	50.9	35.3	25.3	19.5	14.0
03-31-15	33.7	45.0	41.3	48.6	50.8	35.2	25.2	19.4	13.9
04-01-15	32.6	44.3	40.7	48.3	50.7	35.0	25.1	19.3	13.7
04-02-15	31.0	43.0	40.0	47.8	50.3	34.7	24.9	19.1	13.6
04-03-15	27.6	40.7	38.8	47.0	49.5	34.2	24.3	18.7	13.4
04-04-15	23.9	37.1	36.6	45.7	48.7	33.5	23.7	18.2	13.1
04-05-15	21.9	34.2	33.2	43.9	46.9	32.3	23.0	17.7	12.8
04-06-15	20.7	32.8	30.4	40.9	44.8	30.5	21.8	17.0	12.4

04-07-15	19.9	32.0	29.0	38.2	43.1	28.8	20.5	16.1	11.8
04-08-15	19.4	31.3	28.3	36.9	41.6	27.0	19.3	15.3	11.2
04-09-15	19.1	30.9	27.6	36.2	40.5	25.7	18.2	14.4	10.6
04-10-15	18.7	30.6	27.3	35.6	39.8	24.7	17.2	13.7	10.0
04-11-15	18.4	30.3	26.9	35.3	39.2	24.1	16.8	13.2	9.5
04-12-15	18.1	30.0	26.7	34.9	38.9	23.7	16.4	12.9	9.3
04-13-15	17.8	29.7	26.4	34.7	38.6	23.4	16.1	12.6	9.2
04-14-15	17.5	29.4	26.1	34.4	38.4	23.2	15.9	12.5	9.0

NOTE: STAGE FORECASTS ARE BASED ON FUTURE RAINFALL COVERING THE NEXT 24 HOURS.

END ORN

\$\$

Z hhnq #P lvlvls s#U lyhu#I ruhfdvw#dgg#vwdjh#K |gurjudskv

**► Twenty-Eight (28) Day Graphical Lower Mississippi River Forecast**

- Updates every Wednesday by 4:00 PM

National Weather Service  
Lower Mississippi RFC River Forecast Center  
62300 Airport Rd.  
Stidell, LA 70460

Page Author: LMRFC Webmaster  
Web Master's E-mail: [sr-lmrfc.webmaster@noaa.gov](mailto:sr-lmrfc.webmaster@noaa.gov)  
Page last modified: December 4th 2013 6:03 PM

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REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 50257  
NEW ORLEANS, LOUISIANA 70160-0257

CEMVN-EM

17 March 2015

MEMORANDUM TO: Levee Authorities and Districts

SUBJECT: 2015 March High Water Notice

1. In accordance with the New Orleans District Flood Response Plan, we are providing the following notice.
2. Levee Authorities and Districts should gather an accurate list of businesses located outside of flood protection and keep on record. Please provide a copy to the New Orleans District EOC via email: [cemvn-eoc@usace.army.mil](mailto:cemvn-eoc@usace.army.mil) or fax at 504-865-7944.
3. Levee Authorities and Districts will ensure that all subsurface work, such as soil borings, groundwater monitoring wells, any type of drillings, pile driving, excavations, or foundation work and any other structures to be constructed across the levee and the adjacent batture within 1500 feet of the Mississippi River Levee centerline is restricted by the +11.0' Carrollton gage restriction, unless a waiver of that +11.0' restriction was granted in their permit up to +15.0'. None of these activities can take place when the river is above +15.0' at Carrollton.
4. Levee Authorities and Districts will ensure the removal of hay bales on L/S levee toes.
5. Levee Authorities and Districts will ensure that splash pads and road ditches are clean and clear of debris and detritus (to ensure free flow of water as designed).
6. Levee Authorities and Districts will ensure that all culverts in levee areas are cleaned, replaced, or removed.
7. Levee Authorities and Districts will ensure the removal and/or opening for the duration of the event of all gates and fences that hinder rapid movement over levee roads/crowns. Sector team and levee authority personnel must be provided unrestricted access to conduct patrolling. Begin coordination with local law enforcement entities as needed.
8. The point of contact for this memorandum is Dana Ray, 504-862-1491 or [Dana.R.Ray@usace.army.mil](mailto:Dana.R.Ray@usace.army.mil).

Michael J. Stack, Jr. P.E.  
Chief, Emergency Management

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
January 1 - March 31, 2015**

Summary of Activities	1st Quarter (52)		2nd Quarter (53)		3rd Quarter (54)		4th Quarter (55)		Totals		
	52th Quarterly Total	Cum. % Complete	53th Quarterly Total	Cum. % Complete	54th Quarterly Total	Cum. % Complete	51th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MHE)</b>											
Lines Cleaned (ft)	157,677	28%	0	28%	0	28%	0	28%	157,677	28%	570,000
CCTV Inspected (ft)	42,042	7%	0	7%	0	7%	0	7%	42,042	7%	570,000
Smoke Tested (ft)	11,651		0		0		0		11,651		
Smoke Tested (no. of locations)	2		0		0		0		2		
Dye Water Flooded (no. of locations)	0		0		0		0		0		
Manholes Inspected (no.)	79	3%	0	3%	0	3%	0	3%	79	3%	2,500
Lines Repaired (no.)	767		0		0		0		767		
MH Rehabbed (no.)	25		0		0		0		25		
<b>Force Mains (240 miles)</b>											
Visual Surface Inspection (miles)	72.0	60%	0.0	60%	0.0	60%	0.0	60%	72.0	60%	120
Repaired (no.)	188		0		0		0		188		
<b>Air Release Valves (604)</b>											
Inspected/Maintained	360	38%	0	38%	0	38%	0	38%	360	38%	960 to 1,200
Repaired (no.)	128		0		0		0		128		
<b>Pump &amp; Lift Stations (421)</b>											
Inspections (no.)	17,974	40%	0	40%	0	40%	0	40%	17,974	40%	45,136
Wet wells cleaned	0		0		0		0		0		
Repaired (no.)	31		0		0		0		31		
<b>Peak Flow Storage Facilities (2)</b>											
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.**

25%      50%      75%      100%

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
January 1 - March 31, 2015**

**North Plant- LA0036439**

Summary of Activities	1st Quarter (EPA Report No. 52)						2nd Quarter (EPA Report No. 53)								
	WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	*Cum. % Complete		WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Complete)
<b>Gravity Collection System</b>															
(2,460,000ft/10,640MH)															
Lines Cleaned (ft)	37,750				1,486	39,236							0	7%	
CCTV Inspected (ft)					1,486	1,486							0	0%	
Smoke Tested (ft)					2,560	3,532	6,092						0		
Smoke Tested (no. of locations)						0							0		
Dye Water Flooded (no. of locations)						0							0		
Manholes Inspected (no.)					15	15	1%						0	1%	
Lines Repaired (no.)					258	258							0		
MH Rehabbed (no.)					4	4							0		
<b>Force Mains (120 miles)</b>															
Visual Surface Inspection (miles)	54.2					54.2	45%						0	45%	
Repaired (no.)					5	5							0		
<b>Air Release Valves (335)</b>															
Inspected/Maintained						271	28%						0	28%	
Repaired (no.)						100							0		
<b>Pump &amp; Lift Stations (141)</b>															
Inspections (no.)	6,460					6,460	14%						0	14%	
Wet wells cleaned						0							0		
Repaired (no.)						13							0		

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
January 1 - March 31, 2015**

**South Plant-LA0036412**

Summary of Activities	1st Quarter (EPA Report No. 52)					2nd Quarter (EPA Report No. 53)					*Cum. % Complete	
	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)		Quarterly Total
	(Rout.)	(Corr.)	(Rout.)	(Corr.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)			
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>												
Lines Cleaned (ft)		58,750			33,440						0	16%
CCTV Inspected (ft)					30,305						0	5%
Smoke Tested (ft)					5,559						0	
Smoke Tested (no. of locations)					2						0	
Dye Water Flooded (no. of locations)											0	
Manholes Inspected (no.)					28						0	3%
Lines Repaired (no.)					456						0	
MH Rehabbed (no.)					18						0	
<b>Force Mains (110 miles)</b>												
Visual Surface Inspection (miles)						14.0					0.0	12%
Repaired (no.)											0	
<b>Air Release Valves (251)</b>												
Inspected/Maintained						70					0	7%
Repaired (no.)							25				0	
<b>Pump &amp; Lift Stations (259)</b>												
Inspections (no.)						10,716					0	24%
Wet wells cleaned											0	
Repaired (no.)							18				0	
<b>Peak Flow Storage Facilities (2)</b>												
Little Peak site visits-Decommissioned											0	0%
Big Peak site visits- Decommissioned											0	0%

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
January 1 - March 31, 2015**

**Central Plant-LA0036421**

Summary of Activities	1st Quarter (EPA Report No. 52)						2nd Quarter (EPA Report No. 53)						
	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		
Gravity Collection System (1,410,000ft/5,760MH)		16,000				10,251	26,251					0	5%
Lines Cleaned (ft)					10,251	10,251						0	2%
CCTV Inspected (ft)						0						0	
Smoke Tested (ft)						0						0	
Smoke Tested (no. of locations)						0						0	
Dye Water Flooded (no. of locations)						0						0	
Manholes Inspected (no.)						53	53					0	0%
Lines Repaired (no.)						3	3					0	
MH Rehabbed (no.)													
Force Mains (10 miles)													
Visual Surface Inspection (miles)			3.8				3.8					0.0	3%
Repaired (no.)						5	5					0	
Air Release Valves (18)													
Inspected/Maintained			19				19					0	2%
Repaired (no.)				3			3					0	
Pump & Lift Stations (21)													
Inspections (no.)			798				798					0	2%
Wet wells cleaned							0					0	
Repaired (no.)							0					0	

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 11,651 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
Total No. of Cross Connections Eliminated:	0	0	0	0
Total No. of Private Cross Connections Identified:	0	0	0	0
Total No. of Private Cross Connections Eliminated:	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 01/01/14 to 03/31/15. 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 1<sup>st</sup> quarter goal of 25%. 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**

	<b>Quarterly Total Jan.-Mar. 2015</b>	<b>Cumulative 2015 Annual Total</b>	<b>2015 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	157,677	157,677	<b>570,000</b>
CCTV Inspected (ft)	42,042	42,042	<b>570,000</b>
Smoke Tested (ft)	11,651	11,651	----
Smoke Tested (no. of locations)	2	2	----
Dye Water Flooded (no. of locations)	0	0	----
Manholes Inspected (no.)	79	79	<b>2,500</b>
Lines Repaired (no.)	767	767	----
MH Rehabbed (no.)	25	25	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	72.0	72.0	<b>120</b>
Repaired (no.)	188	188	----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	360	360	<b>960 to 1,200</b>
Repaired (no.)	128	128	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	17,974	17,974	<b>45,136</b>
Wet wells cleaned	0	0	----
Repaired (no.)	31	31	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- <b>Decommissioned</b>	n/a	n/a	<b>104</b>
Big Peak site visits- <b>Decommissioned</b>	n/a	n/a	<b>104</b>

\*\*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 01/1/15 to 03/31/15. If not, see comments above.

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

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

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jan.– Mar. 2015</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	1,486	37,750	39,236
CCTV Inspected (ft)	1,486	0	1,486
Smoke Tested (ft)	6,092	0	6,092
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	15	0	15
Lines Repaired (no.)	258	0	258
MH Rehabbed (no.)	4	0	4
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	54.2	0.0	54.2
Repaired (no.)	5	0	5
<b>Air Release Valves (335)</b>			
Inspected / Maintained	271	0	271
Repaired (no.)	0	100	100
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	6,460	0	6,460
Wet wells cleaned	0	0	0
Repaired (no.)	0	13	13

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)**

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jan.– Mar. 2015</u>
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>			
Lines Cleaned (ft)	10,251	16,000	26,251
CCTV Inspected (ft)	10,251	0	10,251
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.)	53	0	53
MH Rehabbed (no.)	3	0	3
<b>Force Mains (10 miles)</b>			
Visual Surface Inspection (miles)	3.8	0	3.8
Repaired (no.)	5	0	5
<b>Air Release Valves (18)</b>			
Inspected / Maintained	19	0	19
Repaired (no.)	0	3	3
<b>Pump &amp; Lift Stations (21)</b>			
Inspections (no.)	798	0	798
Wet wells cleaned	0	0	0
Repaired (no.)	0	0	0

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 Jan.– Mar. 2015</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	33,440	58,750	92,190
CCTV Inspected (ft)	30,305	0	30,305
Smoke Tested (ft)	5,559	0	5,559
Smoke Tested (no. of locations)	2	0	2
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	64	0	64
Lines Repaired (no.)	456	0	456
MH Rehabbed (no.)	18	0	18
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	14	0.0	14
Repaired (no.)	178	0	178
<b>Air Release Valves (251)</b>			
Inspected / Maintained	70	0	70
Repaired (no.)	0	25	25
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	10,716	0	10,716
Wet wells cleaned	0	0	0
Repaired (no.)	0	18	18
<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 four (74) Sanitary Sewer Overflows (SSOs) were responded to during this reporting period, six (6) 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	<b>11</b>
Central Plant-LA0036421 AI # 4842 Collection System	<b>14</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>49</b>
<b>Total</b>	<b>74</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 01/1/15 to 03/31/15. 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 four (74) unauthorized discharges occurred during this quarter, six (6) of these discharges occurred at the wastewater treatment plants.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>11</b>
Central Plant-LA0036421 AI # 4842 Collection System	<b>14</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>49</b>
<b>Total</b>	<b>74</b>

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

There were no unusual SSOs, and five (5) unauthorized discharge equal to or greater than 100,000 gallons during this reporting period. Three of the five aforementioned discharges were due to power failures; two at the Central Wastewater Treatment Plant and one at Pump Station 59, were the alternate transfer switch failed to switch over to the backup generator located on site. The remaining two discharges were caused by a seventy-two inch sewer pipe failure.

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 01/1/15 to 03/31/15. If not, see comments above.

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

**NORTH Sewer District Collection System LPDES LA0036439A1# 4843  
01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
1/3/2015	6518 Buckeye Dr.	Manhole overflowing because of sewerage system surcharging. MH# 047-00011.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system returns to normal flow.	None	1,000	47	122	185	6.64
1/19/2015	11440 Bard Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 045-00425A.	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	5,000	45	162	240	7.11
1/19/2015	10708 Northridge Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 150-00028.	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	3,000	150	382	136	6.95
1/19/2015	1900 Blount Rd.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 210-00001A.	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	250	210	162	240	7.11
2/2/2015	6038 Wright	Pump Station # 277 was down - high wet well - circuit breaker switch tripped and air release valve needed to be repaired. MH# 277-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. Notified pump station mechanic and electrician to make the necessary corrections.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	20,000	277	180	134	6.87
2/9/2015	4607 Osborne Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 049-00048.	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	400	49	140	121	7.11
2/23/2015	4421 Shelly St.	There was a stoppage in the city's main collection line that caused the sewer manhole to overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular	We will periodically monitor this section of our collection line. Grease Away was added to	None	800	24	70	146	6.65

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

**NORTH Sewer District Collection System LPDES LA0036439A# 4843**

**01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
		MH# 024-00080.	deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	assist in the flow.						
3/7/2015	4511 Glen Oaks Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 052-00436.	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	52	139	118	6.89
3/11/2015	11844 South Choctaw Dr.	Pump Station # 89 was down - high wet well - the pumps stop working. Pump Station mechanic replaced both pumps. MH# 89-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	6,000	89	57	127	6.99
3/13/2015	3359 Leesburg Ave.	Pump Station # 293 was down - high wet well - the pumps had a blockage in them. The Pump Station mechanic cleared both pumps. MH# 293-00019.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	7,500	293	133	168	6.69
3/17/2015	2534 North Foster Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 049-00026.	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	300	49	107	126	6.72

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

**CENTRAL Sewer District Collection System LPDES LA0036421AI# 4842  
01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
1/20/2015	Perkins Rd @ South Acadian Thruway	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 005-039188.	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. Grease Away was added to assist in the flow.	None	750	5	136	318	7.24
1/23/2015	4615 Government St.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 004-03114.	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. 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	800	4	82	212	6.82
2/18/2015	3172 Greenwood Dr.	There was a stoppage in the city's main collection line causing the manhole to overflow. MH# 005-04049.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed down with fresh water and deodorized with Beta Magic, a granular deodorizer. Billy Goat was used to clean collection lines.	We will periodically wash this line segment. Grease Away was used to assist in the flow.	None	700	5	379	324	6.81
2/20/2015	1100 Mansfield Ave.	Pump Station # 228 was down - high wet well - their was a stoppage in the main collection line. Billy Goat was used to clear the stoppage and clean the collection line. MH# 228-00001.	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. Grease Away was added to assist in flow. A Vactor truck was assigned to began vacuum ing station down to the desired level.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	400	228	250	232	6.84
2/22/2015	South Acadian Thruway	There was a stoppage in the city's main collection line that caused the sewer manhole to overflow. MH# 005-038188.	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	600	5	116	220	7.24

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

**CENTRAL Sewer District Collection System LPDES LA0036421A1# 4842  
01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
3/2/2015	124 South Boulevard	Pump Station # 59 was down - high wet well - the pump station lost all incoming electrical power; the Alternate Transfer Switch failed to switch over to the backup generator. MH# 59-WWW.	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	17,996,000	59	135	268	6.84
3/17/2015	110 Mansfield Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 228-08312.	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	1,000	228	138	496	7.22
3/18/2015	1634 Steele Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 003-01746.	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	3	224	276	7.22
3/21/2015	Perkins Rd. @ Acadian Thruway	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 005-03918.	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	500	5	324	504	7.08
3/23/2015	1100 Mansfield Ave.	Pump Station # 228 was down - high wet well - the suction hose became disengaged from the pump coupling. The pump station mechanic replaced the hose and the station was back in service at 11:21 am. MH# 228-00001. recently installed utility pole on top of our collection line. MH# 060-07942B.	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. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	1,000	228	134	60	7.08
3/26/2015	773 Moore St.	There was a breakage in the city's main collection line that caused the discharge to flow into the storm drain emptying into the canal. MH# 004-03289.	Recorded sewage discharge and initiated repair that will be conducted by Allen & LeBlanc. The site was deodorized with Beta Magic and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will monitor this point repair to ensure quality control.	Ward Creek 21	7,500	4	158	300	7.04

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt Gals	PS	BOD	TSS	pH
1/5/2015	Staring Lane @ Burbank Dr.	Sewerage system was surcharging due to rain event causing the manhole to overflow. MH# D61-00389.	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 22-3	2,700	61	100	313	6.9
1/5/2015	12527 Lake Lamond Ave.	Pump Station # 136 was down - high wet well - overflow on breaker switch. It was re-set. MH# 136-00002B.	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 re-set the circuit breaker switch. Maintenance was continuing on pump number two.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station. Pure X bleach was added to receiving stream to aid in disinfecting.	Jones Creek	1,000	136	128	137	7.09
1/6/2015	8655 Round Oak Dr.	Pump Station # 253 was down - high wet well - contractors wereworking in this area an dtthe HOA was left in the off position. The pump station mechanic turned it back to the on position. MH# 253-00001.	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	500	253	124	147	6.93
1/7/2015	1917 Mariner Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 294-00042.	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 wash this section of our collection line. Grease Away was added to assist in the flow.	None	500	294	148	146	7.04
1/8/2015	10927 Alco Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 058-04010.	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 wash this section of our collection line. Grease Away was added to assist in the flow.	None	350	58	118	152	7.42
1/9/2015	19351 Indian Ridge Ave.	Pump Station # 360 was down - high wet well - rotameter was set to 0 settings; the airflow meter was malfunctioning. MH# 360-00001.	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	360	113	136	7.3
1/10/2015	1838 Peck Dr.	Pump Station # 12 was down - high wet well - HOA was turned to the "off" position. The pump station mechanic re-positioned the switch to the "on" position. MH# 12-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	600	12	145	160	7.29

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

**SOUTH Sewer District Collection System LPDES LA0036412 A1#4841  
01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
1/10/2015	831 Pastureview Dr.	Pump Station # 385 was down - high wet well - there was an overload on the motor, the ZFD was re-set. 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	145	160	7.29
1/15/2015	4005 Nicholson Dr.	Pump Station # 459 was down - high wet well - the main circuit breaker switch tripped. Pump Station mechanic re-set the switch. MH# 459-00001.	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 station. Scheduled maintenance records will document operational status of the station.	Dawson Creek	1,500	459	218	160	7.17
01/15/15	4810 Siegen Lane	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 346-00004.	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.	The eight inch line connected to the manhole was disconnected. A work order was created to tie the eight inch line back into the manhole and seal. The in-house excavation crew was assigned this task.	None	6,400	346	218	160	7.17
1/20/2015	9620 Florida Blvd.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 013-05002.	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 wash this section of our collection line. Grease Away was added to assist in the flow.	Jones Creek 21-3	350	13	255	200	7.31
1/21/2015	2215 Hoyt Dr.	Pump Station # 149 was down - high wet well - the circuit breaker switch on pump number one was tripped and pump number two had a blockage which was cleared. MH# 149-00004.	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	750	149	244	216	7.06
1/22/2015	5000 Hennessy Blvd.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 058-00107B.	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 wash this section of our collection line. Grease Away was added to assist in the flow. Billy Goat was used to clear the stoppage and clean the collection line.	Ward Creek 21-7	450	58	257	232	7.2
1/23/2015	1850 Sherwood Forest Blvd.	The Service Inspector found the sewerage system surcharging causing the manhole to overflow. MH# 058-00004E.	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 wash this section of our collection line. Grease Away was added to assist in the flow.	Jones Creek 32-9	2,500	58	154	108	6.93
1/23/2015	9320 Burbank Dr.	Manhole overflowing because sewerage system surcharging. MH# 061-00419.	Recorded sewage discharge and implemented RMAP procedures. 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 continue to monitor this manhole periodically until the system returns to normal flow.	Bayou Fountain 22-3	1,000	61	129	130	7

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

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841  
01/01/2015 To 03/31/2015

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
1/26/2015	8919 World Ministry Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 300-00018A.	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 wash this section of our collection line. Grease Away was added to assist in the flow.	None	750	300	220	170	6.97
1/26/2015	567 Sharp Lane	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 050-00569.	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. Billy Goat 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 wash this section of our collection line. Grease Away was added to assist in the flow.	Jones Creek 32	900	50	135	164	6.9
2/3/2015	17011 Bristoe Ave.	Pump Station # 149 was down - high wet well - the air release valve was leaking that was attached to the eight inch forcemain line. ARV # 149-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. Notified pump station mechanic to begin replacement of the faulty air release valve.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	2,500	149	140	236	6.82
2/4/2015	Staring Lane @ Burbank Dr.	Manhole overflowing because sewerage system was surcharging. MH# 061-00388.	Recorded sewage discharge and implemented RMAP procedures. The site was deodorized with Master Scent and disinfected using Pure X bleach. Pure X bleach was also added to the receiving stream to aid in disinfecting.	We will continue to monitor this manhole periodically until the system returns to normal flow.	Bayou Fountain 22-3	10,000	61	127	164	6.87
2/7/2015	1200 Staring Lane @ Rickwood Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 057-00013.	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	500	57	164	148	7.37
2/8/2015	1732 General Adams Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 304-00012.	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. 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. Billy Goat was used to clear the stoppage and clean the collection line.	Bayou Fountain	400	304	197	264	7.34
2/9/2015	650 Fountainbleau Dr.	Pump Station # 62 was down - high wet well - the pump station was powered down for re-set. MH # 062-00001.	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 station. Scheduled maintenance records will document operational status of the station.	Lively Bayou 32-5	500	62	172	164	6.95

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

**SOUTH Sewer District Collection System LPDES LA0036412 AIf#4841  
01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
2/20/2015	5151 Sandy Ridge Dr.	There was a stoppage in the city's main collection line that caused the sewer manhole to overflow. MH# 219-00036.	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	500	219	214	159	6.88
2/21/2015	9999 Gwenadele Ave.	There was a stoppage in the city's main collection line that caused the sewer manhole to overflow. MH# 058-02476.	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	450	58	202	154	6.94
2/21/2015	15869 North King Bradford Dr.	There was a stoppage in the city's main collection line that caused the sewer manhole to overflow. MH# 283-00001.	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	600	283	216	173	6.49
2/22/2015	Summa Ave.	There was a stoppage in the city's main collection line that caused the sewer manhole to overflow. MH# 193-00001.	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	600	193	165	140	6.73
2/23/2015	8029 Summa Ave.	There was a stoppage in the city's main collection line that caused the sewer manhole to overflow. MH# 317-00001.	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	500	317	134	172	6.79
2/23/2015	13914 Goodwood Blvd.	Pump Station # 101 was down - high wet well - their was a blockage in the pumps. A Vactor truck was requested to pump station down to the desired level. MH# 101-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was wash down with fresh water and deodorized with Beta Magic, a granular deodorizer. Grease Away was added to assist in flow.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	750	101	134	172	6.79
3/2/2015	Staring Lane @ Burbank Dr.	Manhole overflowing because sewerage system surcharging. MH# 061-00388.	Recorded sewage discharge and implemented RMAP procedures. The site was deodorized with Cherry Pit and disinfected using Beta Magic, a granular deodorizer. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will continue to monitor this manhole periodically until the system returns to normal flow.	Bayou Fountain 22-3	2,000	61	103	161	6.57
3/3/2015	12456 East Glenhaven Dr.	Manhole overflowing because sewerage system surcharging. MH# 031-00377.	Recorded sewage discharge and implemented RMAP procedures. The site was deodorized with Cherry Pit and disinfected using Beta Magic, a granular deodorizer.	We will continue to monitor this manhole periodically until the system returns to normal flow.	None	350	31	84	152	6.93

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

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841 01/01/2015 To 03/31/2015										
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
3/4/2015	5154 Sandy Ridge Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 219-00036.	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	500	219	87	144	6.7
3/7/2015	Tiger Bend Rd.	Pump Station # 213 was down - high wet well - a broken four inch force-main line was ruptured causing the discharge. Allen & LeBlanc contractor for Emergency Point Repairs made the repair. ARV # 213- A	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 station. Scheduled maintenance records will document operational status of the station.	Clay Cut Bayou 31-4-1	20,000	213	130	156	6.79
3/7/2015	5911 Willow Glen Dr.	Pump Station # 395 was down - high wet well - the main circuit breaker switch continue tripping. The mega pump motor was found defective, it was replaced. MH# 395-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pitt and disinfected with Germ-A-Cert.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	300	395	115	154	6.84
3/8/2015	Bocage Lakes Dr.	Manhole overflowing because sewerage system surcharging. MH# 119-00092.	Recorded sewage discharge and implemented RMAP procedures. The site was deodorized with Cherry Pitt and disinfected using Beta Magic with Magic, a granular deodorizer.	We will continue to monitor this manhole periodically until the system returns to normal flow.	None	450	119	141	152	7.16
3/11/2015	1302 Magnolia Ridge Dr.	Pump Station # 226 was down - high wet well - the pump station lost all incoming electrical power; the Alternate Transfer Switch failed to switch over to the backup generator. MH# 226-WWW.	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	226	72	147	7.1
3/11/2015	5942 Woodlawn Park Ct.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 274-00206.	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	1,200	274	72	147	7.1
3/12/2015	17220 North Lakeway Dr.	Pump Station # 343 was down - high wet well - a faulty breaker was found on the sump pump and the voltage monitor adjuster was broken, a bypass was set up until pump station becomes fully operational. MH# 343-00006.	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	12,000	343	172	168	6.68
3/13/2015	1601 Staring Lane	Pump Station # 57 was down - high wet well - a force shutdown was conducted to alleviate the down stream discharges. MH# 057-00001.	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 station. Scheduled maintenance records will document operational status of the station.	Dawson Creek 21-2	2,300,000	57	60	122	6.58

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

**SOUTH Sewer District Collection System LPDES LA0036412 A1#4841  
01/01/2015 To 03/31/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
3/13/2015	Staring Lane @ Burbank Dr.	Manholes were overflowing because the sewerage system was surcharging. MH# 061-00389;353;356C;377;384; 387;394;395;417;418.	Recorded sewage discharge and implemented RMAP procedures. The site was deodorized with Cherry Pit and disinfected using Beta Magic, a granular deodorizer. Pure X bleach was added to the receiving stream to aid in disinfecting. A force shutdown of Pump Station # 57 was conducted to alleviate discharges in the area.	We will continue to monitor this manhole periodically until the system returns to normal flow.	Bayou Fountain 22-3	730,080	61	71	168	6.62
3/18/2015	13743 Buckley Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 216-00007.	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	216	131	160	6.7
3/20/2015	18460 Santa Maria Parkway	Pump Station # 398 was down - high wet well - the low float was hung up. The pump station mechanic cleared the area so the float could maneuver freely. MH# 398-00001.	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	450	398	204	142	6.55
3/20/2015	1827 General Beauregard Ave.	Pump Station # 237 was down - high wet well - there was a blockage in both pumps. The pump station mechanic cleared stoppages from the pumps. MH# 237-00001.	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 station. Scheduled maintenance records will document operational status of the station.	Bayou Fountain 22	450	237	210	166	6.8
3/24/2015	7500 Hennessy Blvd.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 058-00002.	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	600	58	142	148	6.84
3/25/2015	7229 Meadowview Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 108-00028.	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	500	108	144	182	6.71
3/29/2015	5911 Willow Glen Dr.	Pump Station # 395 was down - high wet well - the main circuit breaker switch tripped. The pump was pulled to assess damage. MH# 395-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The 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	350	395	164	208	6.75
3/31/2015	8457 Governor Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 229-00022.	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	300	229	170	208	6.7

**From:** Cynthia D. Thomas  
**Sent:** Monday, March 30, 2015 9:46 AM  
**To:** spoc@LA.GOV; whitten-hill.darlene@epa.gov; Amy Schulze; Cheryl Berry; Bryan Harmon; Dale Campau; 'Mary.David@LA.GOV'; Walter Brock; Justin Sharper; Gregory Lewis; Mitch O'brien  
**Cc:** Pat Smith; Barbara J. Ourso; Elma James; Cynthia D. Thomas  
**Subject:** OVERFLOW AT SOUTH TREATMENT PLANT LA0036412 AI#4841 Incident# 15-01190

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

**Beginning Date:** 03/29/2015  
**Beginning Time:** 2100 hours

**Ending Date:** 03/29/2015  
**Ending Time:** 2105 hours

We had an overflow at the South Treatment Plant which was due to an electrical malfunction at the Preliminary Treatment Facility (PTF) which caused the drum screen to overload, the channel to fill, and overflow. An estimated 800 gallons of wastewater spilled onto plant grounds. Cherry D was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. 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*

**From:** Cynthia D. Thomas  
**Sent:** Friday, January 30, 2015 6:59 AM  
**To:** spoc@LA.GOV; whitten-hill.darlene@epa.gov; Cheryl Berry; Amy Schulze; Bryan Harmon; Dale Campau; 'Mary.David@LA.GOV'; Walter Brock; Justin Sharper; Gregory Lewis; Mitch O'brien  
**Cc:** Pat Smith; Barbara J. Ourso; Elma James; Cynthia D. Thomas  
**Subject:** OVERFLOW AT SOUTH TREATMENT PLANT LA0036412 AI#4841

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

Beginning Date: 01/29/2015  
Beginning Time: 1055 hours

Ending Date: 01/29/2015  
Ending Time: 1055 hours

We had an overflow at the South Treatment Plant that was due to maintenance personal working on an existing sludge line and a valve was inadvertently left open causing an overflow. An estimated 100 gallons of sludge spilled onto plant grounds. The area was washed down and Lime was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. 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

## Cheryl Berry

---

**From:** Cynthia D. Thomas  
**Sent:** Tuesday, January 13, 2015 2:37 PM  
**To:** spoc@LA.GOV; 'Gooden-Jackson.Gladys@epamail.epa.gov'; whitten-hill.darlene@epa.gov; Cheryl Berry; Amy Schulze; Bryan Harmon; Dale Campau; 'Mary.David@LA.GOV'; Walter Brock; Justin Sharper; Mitch O'brien; Gregory Lewis  
**Cc:** Pat Smith; Barbara J. Ourso; Elma James; Cynthia D. Thomas  
**Subject:** OVERFLOW AT SOUTH TREATMENT PLANT LA0036412 AI#4841

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

**Beginning Date:** 01/13/2015  
**Beginning Time:** 1137 hours

**Ending Date:** 01/13/2015  
**Ending Time:** 1143 hours

We had an overflow at the South Treatment Plant which occurred during start up of the Solids Contact Basin (SCB). An electrical malfunction at the Programmable Logic Controller (PLC) caused the automatic bypass snail screen valve not to operate properly. An estimated 2,000 gallons of primary treated wastewater spilled onto plant grounds. Cherry D/Lime was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. 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

**From:** Cynthia D. Thomas

**Sent:** Friday, January 23, 2015 3:05 PM

**To:** [spoc@LA.GOV](mailto:spoc@LA.GOV); 'Gooden-Jackson.Gladys@epamail.epa.gov'; [whitten-hill.darlene@epa.gov](mailto:whitten-hill.darlene@epa.gov); Cheryl Berry; Amy Schulze; Bryan Harmon; Dale Campau; 'Mary.David@LA.GOV'; Clay Vanveckhoven; Mitch O'brien; William Fleming

**Cc:** Pat Smith; Shannon Jackson

**Subject:** OVERFLOW AT CENTRAL TREATMENT PLANT LA0036421 AI#4842

Central Treatment Plant LA0036421 AI# 4842

2443 River Road

Baton Rouge, LA 70802

A&B Beginning Date: 01/22/2015

A&B Beginning Time: 1935 hours

A&B Ending Date: 01/22/2015

A&B Ending Time: 1945 hours

- A. Overflow at Trickling Filter Wet Well
- B. Overflow at Intermediate Pump Station Wet Well

We had an overflow at the Central Treatment Plant that was due to power failure at the trickling filter wet well, and pump failure at the intermediate pump station wet well. An estimated 208,000 gallons of primary treated and secondary treated wastewater spilled onto plant grounds. Disinfection measures were performed at spill sites. The Sanitary Sewer Response Plan was followed during this incident. 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

**From:** [Cynthia D. Thomas](#)  
**To:** [spoc@LA.GOV](#); [whitten-hill.darlene@epa.gov](#); Cheryl Berry; Amy Schulze; Bryan Harmon; Dale Campau; "Mary.David@LA.GOV"; Clay Vanveckhoven; William Fleming; Mitch O'Brien  
**Cc:** Pat Smith; Shannon Jackson  
**Subject:** OVERFLOW AT CENTRAL TREATMENT PLANT LA0036421 AI#4842  
**Date:** Tuesday, March 10, 2015 2:40:06 PM

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

Beginning Date: 03/10/2015  
Beginning Time: 0340 hours

Ending Date: 03/10/2015  
Ending Time: 0345 hours

We had an overflow at the Central Treatment Plant that was due to operator error of inadvertently pumping sludge into the wrong digester. An estimated 1,000 gallons of sludge spilled onto plant grounds. The overflow was contained with the use of sand and did not leave the plant site. The area was washed down and Cherry D was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. 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*

**From:** Cynthia D. Thomas  
**Sent:** Monday, March 02, 2015 10:45 AM  
**To:** spoc@LA.GOV; whitten-hill.darlene@epa.gov; Cheryl Berry; Amy Schulze; Bryan Harmon; Dale Campau; 'Mary.David@LA.GOV'; Clay Vanveckhoven; Mitch O'brien; William Fleming  
**Cc:** Pat Smith; Shannon Jackson  
**Subject:** OVERFLOW AT CENTRAL TREATMENT PLANT LA0036421 AI#4842

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

A&B Beginning Date: 03/01/2015  
A&B Beginning Time: 2100 hours

A&B Ending Date: 03/01/2015  
A&B Ending Time: 2150 hours

- A. Overflow at Trickling Filter Wet Well
- B. Overflow at Intermediate Pump Station Wet Well

We had an overflow at the Central Treatment Plant that was due to power failure at the trickling filter wet well, and pump failure at the intermediate pump station wet well. An estimated 363,000 gallons of primary treated and secondary treated wastewater spilled onto plant grounds. Disinfection measures were performed on site. The Sanitary Sewer Response Plan was followed during this incident. 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*



**DEPARTMENT OF ENVIRONMENTAL SERVICES**  
**Wastewater Collection Division**  
**City of Baton Rouge and Parish of East Baton Rouge**

345 Chippewa Street  
Baton Rouge, LA 70802

Amy K. Schulze, P.E.

April 21, 2015

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

Attention: Gladys Gooden-Jackson

Re: LPDES Permit No. LA0036421AI #4842  
Pump Station #59

LPDES Permit No. LA0036412AI #4841  
Staring Lane Extension @ Burbank Dr. SSO

LPDES Permit No. LA0036412AI #4841  
1601 Staring Lane. SSO

Dear Ms. Gooden-Jackson:

This correspondence is to provide revised letters for the overflows referenced above. After issuance it was discovered that the permit numbers on the original letters were incorrect. Attached you will find the revised letters. I apologize for any inconvenience that this may have caused.

If you need any additional information or have any other questions, please feel free to contact me at 225-389-4858.

Sincerely,

Amy K. Schulze, P.E.  
Chief of Wastewater Operations & Maintenance

xc: Bryan Harmon, Interim Director of Public Works  
Monica Sprull, Asst. Public Works Director, Workforce Development  
Cheryl Berry, P.E., Special Projects Engineer  
Bob Abbott, Asst. Parish Attorney



**DEPARTMENT OF ENVIRONMENTAL SERVICES**  
**Wastewater Collection Division**  
**City of Baton Rouge and Parish of East Baton Rouge**

345 Chippewa Street  
Baton Rouge, LA 70802

Amy K. Schulze, P.E.

Revised Date: April 21, 2015  
Original Date: March 24, 2015

U. S. Environmental Protection Agency  
Compliance Assurance and Enforcement Division  
Water Enforcement Branch (6EN-W)  
Attention: Gladys Gooden-Jackson  
1445 Ross Avenue  
Dallas, Texas 75202-2733

Re: LPDES Permit No. LA0036412AI #4841  
1601 Staring Lane. SSO

Dear Ms. Gooden-Jackson:

This letter is to provide information regarding an overflow at 1601 Staring Lane, which occurred on Friday, March 13, 2015 at approximately 16:30hrs. The shut-off valves for Pump Station # 57 were located and turned off at 16:30hrs Friday, March 13, 2015 to restrict flow of sewage discharge to the Staring Lane Extension area. During the elapsed time period of sixteen hours, approximately 2.3 million gallons of sewage wastewater was released to a canal that flowed to Dawson Creek.

This forced shutdown was determined to be the best course of action taken to preserve safety, traffic flow considerations and quality of life for the citizens in this area. Initial assessments was conducted and different scenarios were presented in our decision making process. This course was taken after sampling was conducted and analyzed for the discharged storm water. The minimal levels reported were accepted limitations to environmental quality. Germ-A-Cert plus was used to deodorize and disinfect the land that was contaminated by the waste product and Pure X bleach was added to disinfect the water for environmental equality. Procedures outlined in the SSO Response Plan were followed during this incident.

Should you require additional information concerning this matter, please let me know.

Sincerely,

Amy K. Schulze, P.E.  
Chief of Wastewater Operations & Maintenance

AS/dh

xc: Bryan Harmon, Interim Director of Public Works  
Monica Sprull, Asst. Public Works Director, Workforce Development  
Cheryl Berry, P.E., Special Projects Engineer  
Bob Abbott, Asst. Parish Attorney



**DEPARTMENT OF ENVIRONMENTAL SERVICES**

**Wastewater Collection Division**

**City of Baton Rouge and Parish of East Baton Rouge**

345 Chippewa Street  
Baton Rouge, LA 70802

Amy K. Schulze, P.E.

Revised Date: April 21, 2015

Original Date: March 24, 2015

U. S. Environmental Protection Agency  
Compliance Assurance and Enforcement Division  
Water Enforcement Branch (6EN-W)  
Attention: Gladys Gooden-Jackson  
1445 Ross Avenue  
Dallas, Texas 75202-2733

Re: LPDES Permit No. LA0036412AI #4841  
Staring Lane Extension @ Burbank Dr. SSO

Dear Ms. Gooden-Jackson:

This letter is to provide information regarding an overflow at the Staring Lane Extension at Burbank Dr. which occurred on Friday, March 13, 2015. At approximately 10:30 a.m. a series of manholes began overflowing, discharging wastewater because the sewerage system was surcharging. During this rain event an accumulation of over an inch and a-half of rainwater was reported, along with a pipe collapse that had been identified in this seventy-two inch trunk line downstream of this location, all of which contributed to the cause of this incident to be amplified. The total discharge of wastewater was 730,080 gallons, based on these six hours of elapsed time.

After about six hours of monitoring this location additional measure were decided on to alleviate the discharge of wastewater in this area. A forced shutdown of Pump Station #057 was conducted to alleviate discharge amounts to this area. Scheduled correction to the trunk line has been planned and coordinated with Allen & LeBlanc, our designated contractor, which performs emergency point repairs as identified in their scope of work. Germ-A-Cert plus was used to deodorize and disinfect the land that was contaminated by the waste product and area was sprayed using the Wash Truck for support to cleanup of the ground. Procedures outlined in the SSO Response Plan were followed during this incident. Additionally, Pure X bleach was used to aid in disinfecting the receiving stream.

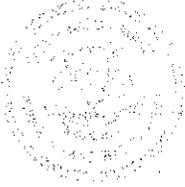
Should you require additional information concerning this matter, please let me know.

Sincerely,

Amy K. Schulze, P.E.  
Chief of Wastewater Operations & Maintenance

AS/dh

xc: Bryan Harmon, Interim Director of Public Works  
Monica Sprull, Asst. Public Works Director, Workforce Development  
Cheryl Berry, P.E., Special Projects Engineer  
Bob Abbott, Asst. Parish Attorney



**DEPARTMENT OF ENVIRONMENTAL SERVICES**

**Wastewater Collection Division**

**City of Baton Rouge and Parish of East Baton Rouge**

345 Chippewa Street  
Baton Rouge, LA 70802

Amy K. Schulze, P.E.

Revised Date: April 21, 2015

Original Date: March 5, 2015

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

Attention: Gladys Gooden-Jackson

Re: LPDES Permit No. LA0036421AI #4842  
Pump Station #59

Dear Ms. Gooden-Jackson:

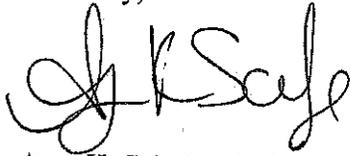
This letter is to provide information regarding the failure of Pump Station #59 located at 124 South Boulevard which occurred on Sunday, March 1, 2015. At approximately 2100 hrs, Pump Station #59 losses all electrical power coming into the station. The pump station mechanic and electrician were notified, their findings; The Automatic Transfer Switch (ATS) failed to switch on the Alternate Power Source – the backup generator that was on site for continual operation.

A bypass had been set up to Pump Station #59; the bypass pumps continue operation of pumping sewage into the pump station. Estimated discharge of sewage based on configuration of pumps; pumping 44,000 gallons per minute and down time of 409 minutes equates to 17,996,000 million gallons of discharged sewer wastewater.

The power was restored at approximately 0349hrs. Established procedures outlined in the SSO Response Plan were followed during this overflow. Monitoring and samples were drawn from the overflow event. Analysis of those samples can be routed to the appropriate regulatory authorities. Immediate action consisted of cleaning and sanitizing affected areas and barricading the immediate area to deny public access. Products used to sanitize and disinfect the area was, WEICHEM Master Scent, a water soluble deodorant concentrate. Forty-eight cases containing four one gallon containers of this product were used. Cheri-Pits, a biodegradable non staining economical state of the art neutralizer, highly concentrated, works instantly with a long residual to deodorize and disinfect the land that was contaminated by the waste product – Forty-eight, five gallons pails of this product were used to obtain environmental quality. The area was sprayed with fresh water using the Wash Trucks for support to cleanup of the ground.

Should you require additional information concerning this matter, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Amy K. Schulze". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Amy K. Schulze, P.E.  
Chief of Wastewater Operations & Maintenance

AS/dh

xc: Bryan Harmon, Interim Director of Public Works  
Monica Sprull, Asst. Public Works Director, Workforce Development  
Cheryl Berry, P.E., Special Projects Engineer  
Bob Abbott, Asst. Parish Attorney



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

FILE COPY

January 28, 2015

Department of Environmental Quality  
Office of Environmental Compliance  
Enforcement Division  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036421 AI # 4842  
Overflows

Dear Sir/Madame:

We had two overflows at the Central Treatment Plant which occurred on January 22, 2015, from 1935 hours to 1945 hours for a total duration of 10 minutes. During this time, an estimated 208,000 gallons of primary treated and secondary treated wastewater overflowed onto the ground and into the ditches.

These overflows were due to power failure at the trickling filter wet well and pump failure at the intermediate pump station wet well. After the power was restored, the Plant Electrician was called out to repair the pump and normal operations resumed. The Sanitary Sewer Response Plan was followed during the incident.

Should you require additional information concerning this matter, please let me know.

Sincerely yours,

Bryan Harmon  
Interim Director of Public Works

BH/AS/pas

xc: Lea Anne Batson, Parish Attorney  
Amy K. Schulze, Chief of Wastewater Operations and Maintenance  
Cheryl Berry, PE, Special Projects Engineer  
Charles O'Brien, Wastewater Laboratory Supervisor  
William Fleming, Acting Wastewater Treatment Plant Supervisor (CTP)



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

FILE COPY  
FILE COPY

March 4, 2015

Department of Environmental Quality  
Office of Environmental Compliance  
Enforcement Division  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036421 AI # 4842  
Overflow

Dear Sir/Madame:

We had an overflow at the Central Treatment Plant which occurred on March 1, 2015, from 2100 hours to 2150 hours for a total duration of 50 minutes. During this time, an estimated 363,000 gallons of primary treated and secondary treated wastewater overflowed onto the ground and into the ditches.

This overflow was due to a total power outage in the area causing the trickling filter wet well and the intermediate pump station wet well to overflow. Entergy was called to restore power and normal operations resumed. The Sanitary Sewer Response Plan was followed during the incident.

Should you require additional information concerning this matter, please let me know.

Sincerely yours,

Bryan Harmon  
Interim Director of Public Works

BH/AS/pas

xc: Lea Anne Batson, Parish Attorney  
Amy K. Schulze, Chief of Wastewater Operations and Maintenance  
Cheryl Berry, PE, Special Projects Engineer  
Charles O'Brien, Wastewater Laboratory Supervisor  
Clay VanVanveckhoven, Acting Wastewater Treatment Plant Supervisor (CTP)

**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**

- The City/Parish was not in compliance with the Central Treatment Plant LPDES Permit No. LA0036421 AI# 4842 during the reporting period. The Central Wastewater Treatment Plant (CWWTP) exceeded the permit effluent limit for BOD percent removals for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the Central Plant during this reporting period is \$2,500. Non-compliance was due to operational issues at the Central Wastewater Treatment Plant. A new LPDES Permit went into effect for this facility on March 1, 2013. The new permit removed the permit level requirement for the Total Residual Chlorine (TRC).

During this reporting period, the sewer lines just upstream of the treatment plant were cleaned and televised, causing a very weak influent, therefore creating a lower BOD percent removal. Further noncompliance is not anticipated.

CWWTP	Permit Level	1 <sup>st</sup> Quarter 2015			Stipulated Penalty		
		Jan	Feb	Mar.	# of Occurrences	Per Occurrence	Total
<b><u>BOD</u></b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	33	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	7,906	C	C	C			
Percent Removal	75%	C	C	C			
<b><u>TSS</u></b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	7,906	C	C	C			
Percent Removal	75%	C	C	C			
<b><u>Fecal Coliform</u></b>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
<b>Total</b>							<b>\$2,500</b>

C-Compliance

**Part E - Consent Decree Compliance Status**

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

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 01/ 01 / 15 to 03/ 31 / 15. If not, see comments above.