

Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 47

January 21, 2014

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

2850 Gardere Lane
Baton Rouge, LA 70820

Date: January 21, 2014

To: Mr. Charles "Mitch" O'Brien, Wastewater Treatment and Disposal Division
Mr. Greg Wiley, P.E., Wastewater Collection Division
Mr. E. J. Amato, Field Engineering Division

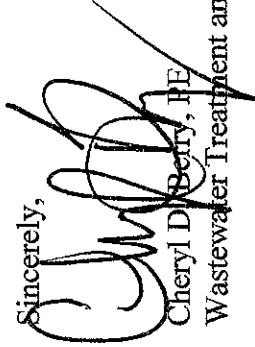
From: Ms. Cheryl Berry, P.E., Wastewater Treatment and Disposal Division

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Forty-Seventh Quarterly Report – Period Ending December 31, 2013
Data Review

Sir or Madam:

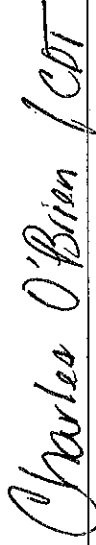
Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Forty-Seventh Quarterly Report. Once the review of your portion of data is complete and corrected, 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 Forty-Seventh 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.



Charles O'Brien / CDT

xc: Document Control

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WASTEWATER TREATMENT AND DISPOSAL DIVISION**

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Baton Rouge, LA 70820

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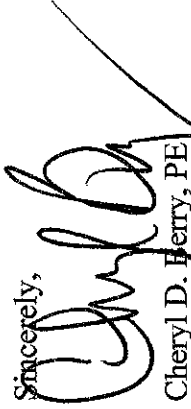
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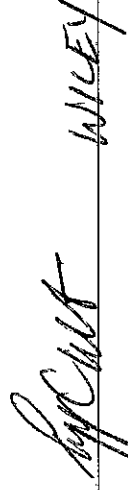
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Wastewater Treatment and Disposal Division

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WASTEWATER TREATMENT AND DISPOSAL DIVISION**

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Baton Rouge, LA 70820

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Cheryl D. Berry, P.E.

Wastewater Treatment and Disposal Division

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1-22-2014

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Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, La 70821

January 21, 2014

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
Forty-Seventh Quarterly Report - **Period Ending December 31, 2013**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 47th Consent Decree Quarterly Report covering activities for the quarter ending December 31, 2013. 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:

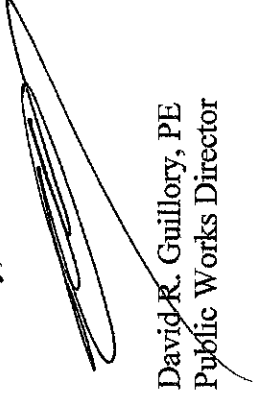
- Cross Connection Elimination Plan
- Collection System Preventive Maintenance Program (PMP)
- Sanitary Sewer Overflow Response Plan (SSORP)
- Reporting of Unauthorized Discharges
- Consent Decree Compliance Status

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 47th 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 Forty-Seventh 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,



David R. Guillory, PE
Public Works Director

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President
Mr. William B. Daniel, IV, PE, Chief Administrative Officer
Chief, Environmental Enforcement Section, US DOJ
Mr. Bobby Mayweather, LDEQ
Ms. Peggy Hatch, LDEQ
Ms. Mona Tate, US EPA Region 6
Mr. Carlos Zequeira, (6RC-EA)
Ms. Gladys Gooden-Jackson, (6EN-WC)
Ms. Mary Roper
Mr. Joshua Crowe, CH2MHILL
Ms. Karen Johnson, CH2MHILL
Ms. Susan Douglas, CH2MHILL
Mr. Bryan Harmon
Mr. Jim Ferguson
Ms. Cheryl Berry
Mr. Greg Wiley
Mr. Mark LeBlanc
Mr. John Ward
Mr. Mitch O'Brien

47th Quarterly Report - Executive Summary

General Overview

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

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

Report Organization

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

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

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

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

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

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

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

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

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

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

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

Summary of Regulatory Actions (Quarter Ending December 31, 2013)

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

History of Submittals

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

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

TABLE 1
DOJ, EPA and LDEQ Submittal History

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

As of December 31, 2013 there have been 64 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			
	46 th	31-Oct-13	18-Oct-13
	45 th	31-Jul-13	24-Jul-13
	44 th	31-Apr-13	19-Apr-13
	43 rd	31-Jan-13	25-Jan-13
	42 nd	31-Oct-12	23-Oct-12
	41 st	31-Jul-12	25-Jul-12
	40 th	30-Apr-12	26-Apr-12
	39 th	31-Jan-12	26-Jan-12
	38 th	31-Oct-11	26-Oct-11
	37 th	31-Jul-11	27-Jul-11

TABLE 2
Summary of Consent Decree Reporting Deliverables

		Deadline	Completion	Resubmission/ Update
Quarterly Reports				
	36 th	30-Apr-11	27-Apr-11	
	35 th	31-Jan-11	28-Jan-11	
	34 th	31-Oct-10	25-Oct-10	
	33 rd	31-Jul-10	26-Jul-10	
	32 nd	30-Apr-10	26-Apr-10	
	31 st	31-Jan-10	25-Jan-10	
	30 th	31-Oct-09	23-Oct-09	
	29 th	31-Jul-09	24-Jul-09	
	28 th	30-Apr-09	24-Apr-09	
	27 th	31-Jan-09	30-Jan-09	
	26 th	31-Oct-08	17-Oct-08	
	25 th	31-Jul-08	25-Jul-08	
	24 th	30-Apr-08	20-Apr-08	
	23 rd	31-Jan-08	23-Jan-08	
	22 nd	31-Oct-07	23-Oct-07	
	21 st	31-Jul-07	23-Jul-07	
	20 th	30-Apr-07	25-Apr-07	
	19 th	31-Jan-07	26-Jan-07	
	18 th	31-Oct-06	25-Oct-06	
	17 th	31-Jul-06	28-Jul-06	
	16 th	30-Apr-06	24-Apr-06	
	15 th	31-Jan-06	23-Jan-06	
	14 th	31-Oct-05	21-Oct-05	
	13 th	31-Jul-05	15-Jul-05	
	12 th	30-Apr-05	11-Apr-05	
	11 th	31-Jan-05	24-Jan-05	
	10 th	31-Oct-04	27-Oct-04	
	9 th	31-Jul-04	26-Jul-04	
	8 th	30-Apr-04	23-Apr-04	
	7 th	31-Jan-04	30-Jan-04	
	6 th	31-Oct-03	30-Oct-03	
	5 th	31-Jul-03	17-Jul-03	
	4 th	30-Apr-03	24-Apr-03	
	3 rd	31-Jan-03	27-Jan-03	
	2 nd	31-Oct-02	23-Oct-02	
	1 st	31-Jul-02	23-Jul-02	
Annual Reports				
	2012	31-Jan-13	29-Jan-13	
	2011	31-Jan-12	28-Jan-12	

TABLE 2
Summary of Consent Decree Reporting Deliverables

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

RMAP1 Status and Schedule for Completion

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

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

In the years 2004 and 2005, the City/Parish decided to re-evaluate the planned technical approach of their Collection System Remedial Program, while in the process of executing the RMAP1 projects. Their review resulted in a momentous change in technical approach from deep tunnels and storage, to sewer rehabilitation. Therefore, the original RMAP1 projects not yet begun were all re-examined, and some wound up not fitting into the "new" plan. These projects were then shelved, and others were re-evaluated to see if they fit into the

new plan. During this time period the City/Parish's consultants that were hired to help plan and execute these projects changes as well. CH2M HILL is currently the City/Parish's consultant for the SSO Control and Wastewater Facilities Program.

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

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

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

TABLE 3
EPA Consent Decree Summary and RMAP1 Milestones

Consent Decree Projects	RMAP1 Projects	Milestone Date		RMAP1 Projects Completed	RMAP1 Projects Completed	Project Status Summary
		Construction Status	Corresponding City/Parish Projects			
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	✓		May 4, 2007	Proposed on September 1, 2008	
N-06 PS 43 Area Upgrades		Complete	Complete	Complete	Complete	
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	✓				
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	✓				
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	✓				
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	✓				
	**Frentown Road Sewer Rehab. (03-RMP-N15)	✓				

TABLE 3

EPA Consent Decree Summary and RMAP1 Milestones

		Milestone Date		Project Status Summary	
Consent Decree Projects	Corresponding City/Parish Projects	RMAP1 Projects Completed	RMAP1 Projects Completed	RMAP1 Projects Completed	RMAP1 Projects Completed
		May 4, 2007	Complete	Proposed on September 1, 2008	Complete
RMAP1 Projects					
	**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	✓			
	SSO Engr-South (99-RMP-S99)	✓			
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	✓			
***S-99 South Further Investigations	PS 944 Area Upgrade (99-RMP-S99)	✓			
	PS 177 Area Upgrade (99-RMP-S99)	✓			
	**PS 211 Area Upgrades (99-RMP-S11)	✓			
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades				RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades				RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)				Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)			4 th Quarter 2008	Project completed – 4th quarter 2008 (at 80% complete with construction). Project was in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.

TABLE 3

EPA Consent Decree Summary and RMAP1 Milestones

		RMAP1 Projects Completed	RMAP1 Projects Completed	Project Status Summary
Milestone Date		May 4, 2007	Proposed on September 1, 2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
RMAP1 Projects				
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 th Quarter 2007	Project completed – 4 th quarter 2007.
S-08 Industrial Area Upgrades	Industrial Area PS 355 and FM Upgrades (99-RMP-S08)		2 nd Quarter 2010	Project completed – 1 st quarter 2011.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 nd Quarter 2010	Project completed – 2 nd quarter 2009.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 nd Quarter 2010	Project completed – 2 nd quarter 2010.
*Notes: This project was executed as a combination of two RMAP1 projects				
**Notes: These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree				
***Notes: This RMAP1 project was split up into multiple projects for better execution				

RMAP2 Project Descriptions and Schedule for Completion

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

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

As of December 31, 2013 there are 44 RMAP2 projects functionally completed (ahead of schedule), 26 projects under construction, and 23 projects under design, and the City/Parish is at the peak of construction activities again in this quarter.

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

The City/Parish continues documenting the impact of force majeure events that have affected the Baton Rouge Area, such as the most recent threat of the Mississippi River Flood last year in May 20, 2013 and others (including Hurricanes Katrina, Rita, and Gustav, the Gulf of Mexico oil spill, 2011 Mississippi River flood, Tropical Storm Lee, Hurricane Isaac, and other extreme storm events). 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 also effect on the associated construction costs and contractor availability for RMAP2 project work. The City/Parish will continue to regularly document all RMAP2 project changes related to force majeure events.

The City/Parish and CH2M HILL will continually refine and perform quality control reviews of the hydraulic model of the sewer system, incorporating new information as it becomes available. These on-going refinements may alter the RMAP2 projects to improve their effectiveness. However, with the EPA and LDEQ

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

The 2013 Annual Program Delivery Plan (PDP) update draft has been submitted, reviewed, and recently approved by the City/Parish. Therefore, Tables 4, 5 and 6 have been updated to reflect any changes associated with this update.

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

The RMAP2 projects are separated into three categories with descriptions and schedules provided for all projects, current through December 31, 2012.

Category 1: Comprehensive Sewer Basin Rehabilitation

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

Table 4 presents the Category 1 comprehensive rehabilitation sub-basin projects and anticipated delivery milestone schedules. Project status summaries are provided for those projects already underway, current through December 31, 2013.

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

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

TABLE 4

Updated EPA Consent Decree RMAP Milestones for Category 1 Projects

Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries	
				Construction Status	Construction Status
Construction Status	1 st QTR 2013 Construction Functionally Complete	2 nd QTR 2015 Construction Functionally Complete	4 th QTR 2018 Construction Functionally Complete		
Sharp Road – Florida Boulevard Area Rehabilitation Project	✓			Project completed – 3 rd quarter 2012.	
Kenilworth Boulevard – Boone Drive Area Rehabilitation Project	✓			Project completed – 3 rd quarter 2012.	
Foster Drive - Government Street Area Rehabilitation Project Phase A	✓			Project completed – 4 th quarter 2011.	
Foster Drive - Government Street Area Rehabilitation Project Phase B	✓			Project completed – 3 rd quarter 2012.	
Silverleaf Road – Ford Street Area Rehabilitation Project	✓			Project completed – 4 th quarter 2012.	
Brookstown Road - Evangeline Street Phase I Area Rehabilitation Project	✓			Project completed – 4 th quarter 2012.	
Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project	✓			Project completed – 4 th quarter 2012.	
Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project		✓		Project completed – 4 th quarter 2012.	
Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project		✓		Project completed – 1 st quarter 2013.	
Highland Road – Washington Street Area Rehabilitation Project		✓		Project completed – 3 rd quarter 2013.	
Stanford Avenue – Morning Glory Road Area Rehabilitation Project	✓			Project completed – 4 th quarter 2012.	
Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project		✓		Construction approximately 90% complete and on-going. Note: Additional repairs were added to this project during 3 rd quarter 2013 which are out of scope of the original project and are being tracked separately.	
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		✓		Construction is 5% complete and ongoing.	
Acadian Thruway – Claycut Road Area Rehabilitation Project		✓		Project completed – 1 st quarter 2013.	
Acadian Thruway – Perkins Road Area Rehabilitation Project	✓			Project completed – 4 th quarter 2012.	
Antioch Road – Chadford Drive Area Rehabilitation Project		✓		Final design completed. Advertisement for bids is completed. Contractor awarded contract. Construction NTP anticipated early 1 st quarter 2014.	
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			✓	Advertisement for bids underway; NTP expected early 2 nd quarter 2014.	
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project			✓	Advertisement for bids completed. NTP anticipated late 1 st quarter 2014.	

TABLE 4
Updated EPA Consent Decree RMAP Milestones for Category 1 Projects

Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
	1 st QTR 2013 Construction Functionally Complete	2 nd QTR 2015 Construction Functionally Complete	4 th QTR 2018 Construction Functionally Complete	
Construction Status				
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			✓	Data analysis and report submitted. Survey underway and expected to be completed 1 st quarter 2014.
Siegen Lane – Interstate 10 Area Rehabilitation Project			✓	Design NTP issued. Find work underway. Data analysis underway. Report expected to be submitted late 1 st quarter 2014.
Interstate 110 – Hollywood Street Area Rehabilitation Project			✓	Final design submitted and reviewed. LDEQ design review ongoing. Advertisement for bids expected to be underway 1 st quarter 2014.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			✓	Find work underway. Data analysis and report expected to begin 1 st quarter 2014.
Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project			✓	Project not started yet.
Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project			✓	Project not started yet.
East Boulevard – Government Street Area Rehabilitation Project			✓	Final design submitted and under review. Advertisement for bids expected to begin 1 st quarter 2014.
North 38 th Street – Gus Young Avenue Area Rehabilitation Project			✓	Project not started yet.

Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity trunk sewers, pump stations, and transmission mains in order to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 5 presents a list of Category 2 projects with corresponding milestone schedules. Project status summaries are provided for those projects already underway, current through December 31, 2013.

TABLE 5 EPA Consent Decree RMAP2 Milestones for Category 2 Projects					
Milestone Date	33% Construction Milestone 1 st QTR 2013 Construction Functionally Complete	66% Construction Milestone 2 nd QTR 2015 Construction Functionally Complete	100% Construction Milestone 4 th QTR 2018 Construction Functionally Complete	Project Status Summaries	
				Construction Status	
Project Descriptions RMAP2 Projects					
Capitol Lake – Gayosa Street Area Capacity Improvements	✓				Project completed - 2 nd quarter 2012.
Gurney Road - Joor Road	✓				Project completed - 4 th quarter 2009.
Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades	✓				Project completed - 1 st quarter 2011.
Comite Road – Foster Road Sewer Area Upgrades - Phase I	✓				Project completed - 2 nd quarter 2010.
Foster Road – Hooper Road Sewer Area Upgrade	✓				Project completed - 4 th quarter 2010.
Zachary Area Transmission Network Improvements Phase I - 3 Pump Stations and Equalization Basin		✓			Project completed - 1 st quarter 2013.
Zachary Area Transmission Network Improvements Phase II – Red Mud Lakes Forcemain to NWWTP		✓			Construction approximately 12% complete and ongoing.
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		✓			Construction approximately 95% complete and ongoing. Project is on-hold pending land acquisition for a gas line conflict, though is still projecting to be completed ahead of schedule at this time.
Zachary Area Transmission Network Improvements Phase IV – Zachary Improvements		✓			Project completed - 4 th quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements			✓		90% design expected to be complete 1 st quarter 2014. Design on-going.
South Boulevard – St. Joseph Street Sewer Area Upgrades	✓				Project completed - 3 rd quarter 2012.
South Boulevard – St. Joseph Street Sewer Area Upgrades – Phase B			✓		Advertisement for bids underway. NTP expected 1 st quarter 2014.

TABLE 5

EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Milestone Date	33% Construction Milestone		66% Construction Milestone		100% Construction Milestone		Project Status Summaries
	1 st QTR 2013	Construction Functionally Complete	2 nd QTR 2015	Construction Functionally Complete	4 th QTR 2018	Construction Functionally Complete	
Construction Status							
Downtown Area Pump Station Improvements			✓				Project completed - 3 rd quarter 2012.
Highland Road – Buchanan Street Sewer Area Upgrades		✓					Project completed - 4 th quarter 2011.
Citiplace/Essen Area - PS119 & Forcemain Improvements		✓					Project completed - 3 th quarter 2012.
Group Project 1A (Metro Airport Sewer Upgrades)				✓			Project completed - 2 nd quarter 2013.
Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)			✓				Construction approximately 40% complete and ongoing.
Perkins/Old Perkins Area - Booster PS 514 Improvements			✓				Project completed - 2 nd quarter 2013.
Group Project 2 (Old Perkins – Highland Road Area Upgrades)		✓					Project completed - 2 nd quarter 2012.
Highland Road – Burbank Drive Capacity Improvements			✓				Construction is approximately 98% complete and ongoing.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A			✓				Project completed - 1 st quarter 2012.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B			✓				Construction NTP issued 4 th quarter 2013. Construction approximately 8% complete and ongoing.
Bayou Duplantier Area Sewer Upgrades			✓				Project completed – 3 rd Quarter 2013.
25th Street - North Acadian Thruway		✓					Improvements designed under this project were constructed as part of the Capital Lake-Gayosa Drive Project and the South Blvd.-Saint Joseph Street Project. Please see status updates for the two projects mentioned in this table above.
Government St - South Acadian Thruway Sewer Area Upgrades			✓				Land acquisition on-going. Design completed. Advertisement for bids expected to be underway 2 nd quarter 2014.
Plank Road – Kleinpeter Road Sewer Area Upgrades			✓				Construction is approximately 40% and ongoing.
O'Neal Lane Pipeline Improvements – Group A			✓				Construction NTP issued. Construction approximately to begin early 1 st quarter 2014.
O'Neal Lane Pipeline Improvements – Group B			✓				Advertisements for bids underway. NTP expected 2 nd quarter 2014.
Multiple PS - Nicholson Dr - Brightside Dr			✓				Construction approximately 36% complete and ongoing.

TABLE 5

EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Milestone Date	33% Construction Milestone			66% Construction Milestone		100% Construction Milestone		Project Status Summaries
	1 st QTR 2013	Construction Functionally Complete	1 st QTR 2013	2 nd QTR 2015	Construction Functionally Complete	4 th QTR 2018	Construction Functionally Complete	
Construction Status								
Pump Station 58 Capacity Improvements			✓	✓				Construction is approximately 46% complete and ongoing. Utility conflict causing minor delay, under resolution and no schedule impact anticipated.
Staring Lane FM (Phase I - Burbank Drive to Highland Road)		✓						Project completed - 2 nd quarter 2010.
Staring Lane FM (Phase II - Highland road to Perkins Road)				✓				Project completed - 4 th quarter 2013.
Staring Lane FM (Phase III - Perkins to PS58)				✓				Project previously reported incorrectly. Construction approximately 99% complete and on-going.
Multiple PS - Jefferson Hwy - Park Forest Dr				✓				Project completed - 3 rd quarter 2012.
Airline Highway Pipeline Improvements					✓			Design completed. Advertisement for bids expected to begin 2 nd quarter 2014.
Multiple PS - Highland Road - Kenilworth Parkway					✓			Design completed. Advertisement for bids expected to begin 1 st quarter 2014.
Florida Boulevard Pump Station Improvements					✓			90% design underway and expected to be completed 1st quarter 2014.
Plank Road Pump Station Improvements					✓			Design completed. Advertisement for bids is expected to begin 1 st quarter 2014.
Multiple PS - Highway 61 - Plank Road					✓			90% design underway and expected to be submitted 1 st quarter 2014.
O'Neal Lane Pump Station Improvements - Group A					✓			Advertisement for bids underway. NTP expected 1 st quarter 2014.
O'Neal Lane Pump Station Improvements - Group B					✓			Advertisement for bids underway. NTP expected 2 nd quarter 2014.
Sherwood Forest Blvd - Goodwood Blvd Pipeline Improvements					✓			90% design underway and expected to be submitted 1st quarter 2014.
Joor Road - Greenwell Springs Road Sewer Area Upgrades					✓			Final design underway and expected to be submitted 1 st quarter 2014.
Plank Road - Port Hudson Pride Road Sewer Area Upgrades					✓			Design completed. Advertisement for bids expected to be underway 3 rd quarter 2015.
Highland Road Pipeline Improvements - Group A					✓			Design completed. Advertisement for bids expected to be underway 2 nd quarter 2014.
Highland Road Pipeline Improvements - Group B					✓			Final design submitted. Advertisement for bids expected to be underway 2 nd quarter 2014.
Oak Villa Boulevard - Monterey Boulevard Sewer Area Upgrades					✓			Design completed. Advertisement for bids expected to be underway 2 nd quarter 2015.

TABLE 5

EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
	1 st QTR 2013 Construction Functionally Complete	2 nd QTR 2015 Construction Functionally Complete	4 th QTR 2018 Construction Functionally Complete	
Construction Status				
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group A			✓	90% design underway and expected to be submitted 1st quarter 2014.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group B			✓	90% design underway and expected to be submitted 1st quarter 2014.
Hooper Road Pump Station Improvements			✓	Design completed. Advertisement for bids expected to be underway 2 nd quarter 2014.
Multiple PS - Prescott Rd - Greenwell Springs Rd			✓	90% design submitted and reviewed. Final design underway and expected to be done 1st quarter 2014.
Multiple PS - Burbank Drive - Siegen Lane			✓	Final design submitted. Advertisement for bids expected to be underway early 2 nd quarter 2014.
Pump Station 42 Improvements		✓		Construction is approximately 22% complete and ongoing.
Pump Station 42 Forcemain - Phase I		✓		Construction is approximately 87% complete and ongoing.
Pump Station 42 Forcemain - Phase II		✓		Construction is approximately 85% complete and ongoing.
Central Consolidated Pump Stations		✓		Construction is approximately 93% complete and ongoing.
Central Consolidated Forcemains – Phase I		✓		Project complete - 3rd quarter 2013.
Central Consolidated Forcemains – Phase II		✓		Construction is approximately 82% complete and ongoing.

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.
- 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. All five (5) total projects in this Category are already underway. The details of the wastewater treatment and storage projects are listed in Table 6 below, and are current through December 31, 2013.

Table 6

EPA Consent Decree RMAP2 Milestones for Category 3 Projects

Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
	1 st QTR 2013 Construction Functionally Complete	2 nd QTR 2015 Construction Functionally Complete	4 th QTR 2018 Construction Functionally Complete	
Construction Status	Construction Functionally Complete			
Project Descriptions RMAP2 Projects				
Choctaw Storage and Pump Station Facility		✓		Project completed – 3 rd quarter 2013.
Hooper Storage Facility		✓		Construction approximately 13% complete and ongoing.
South WWTP IAP (Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)	✓			Project completed – 2 nd quarter 2011.
South WWTP IAP (Effluent Pumping Improvements)	✓			Project completed – 1 st quarter 2008.

Table 6 EPA Consent Decree RMAP2 Milestones for Category 3 Projects					
Milestone Date	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries	
	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018		
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	Project completed - 2 nd quarter 2013.	
SWWTP Wet Weather Improvements -Phase I		✓			
SWWTP Wet Weather Improvements - Phase II (PDP portion)		✓			

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.

Table 7 Proposed Schedule for Projects Outside of Consent Decree				
	Scheduled Start	Scheduled Finish	Project Status Summary	
NWWTP Master Plan Project #1 – WWTP Improvements	Project Underway	Design – 18 months from start Construction – 3 years from design finish	Design engineer selection completed. Design NTP expected 1 st quarter 2014.	
NWWTP Master Plan Project #2 – Sustainability Projects	Project Underway	Design – 18 months from start Construction – 3 years from design finish	30% Design underway and expected to be submitted 1 st quarter 2014.	
NWWTP Master Plan Project #3 (Public Project) – Plant Buffer	6 months from Extension approval	Design and Land Purchase – 1 year from start Construction – 1 year from design finish	Land acquisition is underway. RFQ for design engineer expected to be underway sometime 1 st quarter 2014.	
SWWTP Wet Weather Improvements – Phase II (Master Plan portion)	Project Underway	Proposed completion by 1 st quarter 2015	Construction is approximately 66% complete and ongoing.	

Table 7

Proposed Schedule for Projects Outside of Consent Decree

	Scheduled Start	Scheduled Finish	Project Status Summary
SWWTP Master Plan Project – Buffer Area	Project Underway	Proposed completion by 4 th quarter 2016	DBE design engineer selection complete. Design NTP expected 1 st quarter 2014.
Sewer System and WWTP Stand-by Power Program	Project Underway	Completion of SSO Program	Installation approximately 55% and on-going.
SCADA (Collection System, Operations Data and Control Center)	Project Underway	Completion of SSO Program	NTP issued. Project submittals, reviews, and coordination ongoing.
Choctaw Sewer Collection Maintenance Facility	Project Underway	Proposed completed by 3 rd quarter 2016	This project has had a name change and major scope change/increase due to reorganization of DPW, and is now called the "Environmental Services Facility". 90% design is expected to be complete 4 th quarter 2014.
NWWTP Odor Control Project	Complete	Complete	Project completed – 4th quarter 2010.
Comite –Foster Road Sewer Area Upgrades - Phase II	Complete	Complete	Project completed - 1st quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements	Project Underway	Expected to be completed by 3 rd quarter 2015.	90% design expected to be complete 1 st quarter 2014
South Boulevard – Saint Joseph Street Phase B	Project Underway	Expected to be completed by 4 th quarter 2014.	Advertisement for bids underway. NTP expected 1 st quarter 2014.
Central WWTP Decommissioning Project	4 th quarter 2014	Expected to be completed by 2 nd quarter 2017.	Project not started.

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 I: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* located at the end of the *36th Quarterly EPA Report*.

Outreach and Public Awareness Program Plan implementation efforts have been on-going. Public information tools such as the website are being continuously updated with new information about the program, public meetings, project information (including monthly and quarterly progress reports detailing the status of the projects), regulatory information and associated reference documents, and news articles about the SSO Control and Wastewater Facilities Program, etc. Fact sheets and brochures have also been developed that can be accessed via the website, and have been handed out during the public meetings, that describes pertinent information and aspects about the Program. Additionally, prior to any field work in areas, informational door hangers are also hung on those homes where inspection work will be taking place.

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

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

During the last quarter ending December 31, 2013 the following outreach and public awareness activities took place:

October 2013

October 1, 2013: Councilmember Tara Wicker hosted a community meeting at Southern Laboratory School for the newly added northern region of her district. Residents were updated on the projects affecting the area; especially along Harding Blvd and near the BTR Airport. A special update was also provided regarding the North Waste Water Treatment Plant Buffer Zone project.

October 28, 2013: Councilmember Ronnie Edwards hosted a community meeting at the Delmont Service Center. SSO representatives provided program quarterly report and provided status of projects in the area.

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - Dec. 31, 2013**

Summary of Activities (8,510,000/38,000MH)		1st Quarter (44)		2nd Quarter (45)		3rd Quarter (46)		4th Quarter (47)		Totals	
44th Quarterly Total	Cum. % Complete	45th Quarterly Total	Cum. % Complete	46th Quarterly Total	Cum. % Complete	47th Quarterly Total	Cum. % Complete	48th Quarterly Total	Cum. % Complete	Annual Total	Annual Goal
211,773	37%	208,409	74%	317,168	129%	191,583	163%	928,933	163%	570,000	570,000
Lines Cleaned (ft)											
172,395	30%	190,144	64%	257,870	109%	156,907	136%	777,316	136%	570,000	
CCTV Inspected (ft)											
141,721		177,133		223,320		316,422		858,596			
Smoke Tested (ft)											
4		0		3		4		11			
Smoke Tested (no. of locations)											
4		0		3		4		11			
Dye Water Flooded (no. of locations)											
4		0		3		4		11			
Manholes Inspected (no.)											
825	33%	674	60%	702	88%	1,055	130%	3,256	130%	2,500	
Lines Repaired (no.)											
753		661		526		515		2,455			
MH Rehabbed (no.)											
198		55		111		81		445			
Force Mains (240 miles)											
Visual Surface Inspection (miles)											
82.1	68%	53.0	113%	52.8	157%	52.4	200%	240.3	200%	120	
Repaired (no.)											
15		112		121		29		277			
Air Release Valves (604)											
Inspected/Maintained											
220	23%	287	53%	264	80%	263	108%	1,034	108%	960 to 1,200	
Repaired (no.)											
140		163		116		133		552			
Pump & Lift Stations (421)											
Inspections (no.)											
17,898	40%	17,106	78%	18,546	119%	18,161	159%	71,711	159%	45,136	
Wet wells cleaned											
113		104		151		125		493			
Repaired (no.)											
35		37		39		24		135			
Peak Flow Storage Facilities (2)											
Little Peak site visits - Decommissioned											
0	0%	0	0%	0	0%	0	0%	0	0%	104	104
Big Peak site visits - Decommissioned											
39	38%	0	38%	0	38%	0	38%	39	38%	104	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
 October 1 - Dec. 31, 2013

North Plant-LA0036439

Summary of Activities												
1st Quarter (EPA Report No. 44)				2nd Quarter (EPA Report No. 45)								
WWC (w/AMP)		WWC-PS		Field Emer.		Field Emer.		Total		*Cum. % Complete		
(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	
	24,000											
Lines Cleaned (ft) (2,460,000ft/10,640MH)												
Gravity Collection System												
CCTV Inspected (ft)				11,555				11,555				6%
Smoke Tested (ft)				504				504				2%
Smoke Tested (no. of locations)				0				0				0%
Dye Water Flooded (no. of locations)				0				0				0%
Manholes Inspected (no.)				4				4				0%
Lines Repaired (no.)				84				128				0%
MH Relubbed (no.)				25				30				0%
Force Mains (120 miles)												
Visual Surface Inspection (miles)				70.1				4.0				58%
Repaired (no.)				1				27.0				84%
Air Release Valves (335)												
Inspected/Maintained				196				144				20%
Repaired (no.)				120				88				35%
Pump & Lift Stations (141)												
Inspections (no.)				5,966				5,809				13%
Wet wells cleaned				52				51				26%
Repaired (no.)				18				17				
Rout.-Routine Maintenance												
Corr.-Corrective Maintenance												

Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - Dec. 31, 2013

3rd Quarter (EPA Report No. 46)											4th Quarter (EPA Report No.47)																						
WVC (w/AMP)			WVC-PS			Field		Field		Ener.		Total		WVC (w/AMP)			WVC-PS			Field		Field		Ener.		Total							
(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)			
Summary of Activities																																	
Lines Cleaned (ft)		24,000																															
GCTV Inspected (ft)																																	
Smoke Tested (ft)																																	
Smoke Tested (no. of locations)																																	
Dye Water Flooded (no. of locations)																																	
Manholes Inspected (no.)		67		11		2																											
Lines Repaired (no.)		6		24		30		10																									
MH Rehabbed (no.)																																	
Force Mains (120 miles)																																	
Visual Surface Inspection (miles)		3		35.6		67		25.8		1		22																					
Repaired (no.)																																	
Air Release Valves (335)				178		178		54%		129		66																					
Inspected/Maintained																																	
Repaired (no.)		84		84		84		54%		66		66																					
Pump & Lift Stations (141)																																	
Inspections (no.)				6,280		6,280		40%		6,591		6,591																					
Wet wells cleaned				77		77		40%		58		58																					
Repaired (no.)		11		11		11		40%		9		9																					

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

Baton Rouge 2002 Consent Decree Quarterly Report
 Preventive Maintenance Plan Summary Totals
 October 1 - Dec. 31, 2013

1st Quarter (EPA Report No. 44)		2nd Quarter (EPA Report No. 45)						
Summary of Activities			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)
WWC (w/AMP)	WWC-PS	Field Engr.	WWC (w/AMP)	WWC-PS	Field Engr.	Field Engr.	Quarterly Total	*Cum. % Complete
8,250			4,000				2,293	
Lines Cleaned (ft)							152,404	
CCTV Inspected (ft)							186,134	44%
Smoke Tested (ft)		1,146					154,697	
Smoke Tested (no. of locations)		1					0	
Dye Water Flooded (no. of locations)		1					0	
Manholes Inspected (no.)	34	10	35			20	585	46%
Lines Repaired (no.)							164	
MH Rehabbed (no.)	4		2				7	
Force Mains (10 miles)								
Visual Surface Inspection (miles)	0.5						0.0	0%
Repaired (no.)							0	
Air Release Valves (18)								
Inspected/Maintained	1						0	0%
Repaired (no.)		1					0	
Pump & Lift Stations (21)								
Wet wells cleaned	836		836				703	3%
Inspections (no.)	5		5				3	
Repaired (no.)							1	
Summary of Activities								
Gravity Collection System (1,410,000ft/5,760MH)								
WWC (w/AMP)								
WWC-PS								
Field Engr.								
Quarterly Total								
*Cum. % Complete								

Rout-Routine Maintenance
 Corr-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - Dec. 31, 2013**

South Plant-LA0036412

Summary of Activities											
Gravity Collection System (4,640,000/21,580MH)											
Lines Cleaned (ft)											
25,500											
80,949											
106,449											
19%											
11,250											
1,168											
12,418											
21%											
2,512											
2,512											
17%											
Smoke Tested (ft)											
7,657											
27,649											
35,306											
3											
3											
Dye Water Flooded (no. of locations)											
3											
242											
281											
11%											
55											
6											
61											
14%											
357											
231											
18											
32											
MH Rehabbed (no.)											
15											
24											
39											
93											
247											
340											
126											
14											
15											
10%											
21.0											
1.0											
21.0											
28%											
22.0											
77											
77											
Air Release Valves (251)											
Inspected/Maintained											
23											
19											
19											
2%											
143											
143											
17%											
143											
75											
75											
Pump & Lift Stations (259)											
Inspections (no.)											
11,096											
11,096											
25%											
10,594											
10,594											
48%											
50											
50											
Wet wells cleaned											
56											
14											
14											
Repaired (no.)											
Peak Flow Storage Facilities (2)											
Little Peak site visits-Decommissioned											
0											
0											
0%											
Big Peak site visits - Decommissioned											
39											
39											
38%											

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

1st Quarter (EPA Report No. 44) 2nd Quarter (EPA Report No. 45)

*Cum. % Complete	Quarterly Total	WWC (w/AMP)			WWC-PS			Field Engr.	Field Engr.	Total
		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)			

Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - Dec. 31, 2013

3rd Quarter (EPA Report No. 46)		4th Quarter (EPA Report No. 47)											
Summary of Activities	WWC (w/AMP)	WWC-PS	Engr. Field	Engr.- Field	Total	*Cum. % Complete	WWC (w/AMP)	WWC-PS	Engr. Field	Engr.- Field	Total	*Cum. % Complete	
													(Rout.)
Gravity Collection System (4,640,000ft/21,580MH)													
Lines Cleaned (ft)	23,500				226,338	61%	13,000				69,620	82,620	75%
CCTV Inspected (ft)					201,489	53%					70,444	70,444	65%
Smoke Tested (ft)					42,637						233,376	246,414	
Smoke Tested (no. of locations)					0						4	4	
Dye Water Flooded (no. of locations)					0						4	4	
Manholes Inspected (no.)	104	87	522	609	38%	97				59	553	612	63%
Lines Repaired (no.)			262	366							171	268	
MH Rehabbed (no.)	13		64	77							51	62	
Force Mains (110 miles)													
Visual Surface Inspection (miles)	16.0		16.0	41%	25.6						90	25.6	63%
Repaired (no.)	2		43	45							3	3	
Air Release Valves (251)													
Inspected/Maintained	80		80	26%	128						64	128	39%
Repaired (no.)	30		30								64	64	
Pump & Lift Stations (259)													
Inspections (no.)	11,506		11,506	74%	10,790						10,790	10,790	97%
Wet wells cleaned	69		69		63						63	63	
Repaired (no.)	20		20								14	14	
Peak Flow Storage Facilities (2)													
Little Peak site visits-Decommissioned	0		0	0%							0	0	0%
Big Peak site visits - Decommissioned													38%

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

Table of Contents

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CROSS CONNECTION ELIMINATION PLAN	A
COLLECTION SYSTEM PREVENTIVE MAINTENANCE PROGRAM (PMP)	B
SANITARY SEWER OVERFLOW RESPONSE PLAN (SSORP)	C
REPORTING OF UNAUTHORIZED DISCHARGES	D
CONSENT DECREE COMPLIANCE STATUS	E

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 858,596 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.

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

Part A – Cross Connection Elimination Plan

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

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 10/1/13 to 12/31/13. 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 achieved this quarter. We do not anticipate any non-compliance related to preventive maintenance activities in the future. Note that the gravity system preventative maintenance activities are tied to the design schedules of the RMAP2 Submittal Category 1- Comprehensive Rehabilitation Projects.

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

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

Part B - Preventive Maintenance Program (PMP)

Summary of Collection System Activities

	Quarterly Total Oct.-Dec. 2013	Cumulative 2013 Annual Total	2013 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	191,583	928,933	570,000
CCTV Inspected (ft)	156,907	777,316	570,000
Smoke Tested (ft)	316,422	858,596	-----
Smoke Tested (no. of locations)	4	11	-----
Dye Water Flooded (no. of locations)	4	11	-----
Manholes Inspected (no.)	1,055	3,256	2,500
Lines Repaired (no.)	515	2,455	-----
MH Rehabbed (no.)	81	445	-----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	52.4	240.3	120
Repaired (no.)	29	277	-----
Air Release Valves (604)			
Inspected / Maintained	263	1,034	960 to 1,200
Repaired (no.)	133	552	-----
Pump & Lift Stations (421)			
Inspections (no.)	18,161	71,711	45,136
Wet wells cleaned	125	493	-----
Repaired (no.)	24	135	-----
Peak Flow Storage Facilities (2)			
Little Peak site visits- Decommissioned	n/a	n/a	104
Big Peak site visits	n/a	39	104

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

The City/Parish [is] [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 10/1/13 to 12/31/13. If not, see comments above.

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

North Plant (LA0036439 AI# 4843)

Gravity Collection System

(2,460,000ft/10,640MH)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct.– Dec. 2013</u>
Lines Cleaned (ft)	85,263	17,750	103,013
CCTV Inspected (ft)	85,263	0	85,263
Smoke Tested (ft)	69,217	0	69,217
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	431	0	431
Lines Repaired (no.)	103	54	157
MH Rehabbed (no.)	0	10	10

Force Mains (120 miles)

Visual Surface Inspection (miles)	26	0.0	26
Repaired (no.)	22	1	23

Air Release Valves (335)

Inspected / Maintained	129	0	129
Repaired (no.)	0	66	66

Pump & Lift Stations (141)

Inspections (no.)	6,591	0	6,591
Wet wells cleaned	58	0	58
Repaired (no.)	0	9	9

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

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

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

Central Plant (LA0036421 AI# 4842)

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

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct.– Dec. 2013</u>
Lines Cleaned (ft)	1,200	4,750	5,950
CCTV Inspected (ft)	1,200	0	1,200
Smoke Tested (ft)	791	0	791
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	12	0	12
Lines Repaired (no.)	54	36	90
MH Rehabbed (no.)	3	6	9

Force Mains (10 miles)

Visual Surface Inspection (miles)	1	0	1.0
Repaired (no.)	3	0	3

Air Release Valves (18)

Inspected / Maintained	6	0	6
Repaired (no.)	0	3	3

Pump & Lift Stations (21)

Inspections (no.)	780	0	780
Wet wells cleaned	4	0	4
Repaired (no.)	0	1	1

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

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

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

South Plant (LA0036412 AI# 4841)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct.– Dec. 2013</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	69,620	13,000	82,620
CCTV Inspected (ft)	70,444	0	70,444
Smoke Tested (ft)	246,414	0	246,414
Smoke Tested (no. of locations)	4	0	4
Dye Water Flooded (no. of locations)	4	0	4
Manholes Inspected (no.)	612	0	612
Lines Repaired (no.)	171	97	268
MH Rehabbed (no.)	51	11	62

Force Mains (110 miles)

Visual Surface Inspection (miles)	26.0	0.0	26.0
Repaired (no.)	90	3	93

Air Release Valves (251)

Inspected / Maintained	128	0	128
Repaired (no.)	0	64	64

Pump & Lift Stations (259)

Inspections (no.)	10,790	0	10,790
Wet wells cleaned	63	0	63
Repaired (no.)	0	14	14

Peak Flow Storage Facilities (2)

Little Peak site visits- Decommissioned	n/a	n/a	n/a
Big Peak site visits- Decommissioned	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 forty five (45) Sanitary Sewer Overflows (SSOs) were responded to during this reporting period including four (4) 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.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	2
Central Plant-LA0036421 AI # 4842 Collection System	2
South Plant-LA0036412 AI# 4841 Collection System	41
Total	45

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

The City/Parish [is] [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 10/1/13 to 12/31/13. 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 forty five (45) unauthorized discharges occurred during this quarter, four (4) of these discharges occurred at the wastewater treatment plants.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	2
Central Plant-LA0036421 AI # 4842 Collection System	2
South Plant-LA0036412 AI# 4841 Collection System	41
Total	45

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

There were no unusual SSOs, but there was one unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. The scheduled by-pass occurred at the Central Treatment Plant. This planned full by-pass was necessary to allow the private contractor, Schneider Electric to shut off the power to replace and install electrical equipment at the intermediate pump station, the chlorine building and the main control center building. During this time, an estimated 3,471,400 gallons of untreated wastewater were discharged into the Mississippi River. The Louisiana Department of Environmental Quality was notified beforehand and the Sanitary Sewer Response Plan was followed during this incident.

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 10/1/13 to 12/31/13. 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 LA0036439A# 4843

10/01/2013 To 12/31/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
11/14/2013	Pank Rd. @ Kleinpeter Rd.	Pump Station # 45 was down - high wet well - an electrical problem with the Variable Frequency Drives - two of the five are working - remainder being brought on line today. Pump Station is operational. MH# 045-00021.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected station. Scheduled maintenance Bayou Cypress	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	59-6	12,500	45	NV	332	7.18
11/18/2013	5954 Robertson Ave.	There was a stoppage in the city main collection line. MH# 054-00118.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Hurricane Creek	5,000	54	110	118	6.86
				NONE						

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841

10/01/2013 To 12/31/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
10/3/2013	5525 Reitz Ave.	Pump Station # 307 was down - high wet well - pulled both pumps - cleared the stoppage from them.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	7,250	307	90	147	7.05
10/8/2013	12224 Lake Ladare Ave.	Manhole overflowing because of a blockage in the city main collection line due to grease build-up. MH# 136-00044.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. Bleach was used in the drainage system to aid in disinfectant.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	300	136	130	154	6.87
10/14/2013	11550 Southfork Ave.	Pump Station # 328 was down - high wet well - a blockage was in the pumps, blockage was cleared, both pumps operational at 11:26 AM. MH# 328-00001.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	1,000	328	138	176	6.82
10/18/2013	3032 Montreal Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 145-00009.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	250	145	110	260	9.85
10/18/2013	18445 South Mission Hills Ave.	Pump Station # 356 was down - high wet well - a blockage was in the pumps, operational at 12:21 PM. MH# 356-00001.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	400	356	110	260	6.85
10/18/2013	6171 Bluebonnet Blvd.	Manhole overflowing because of a blockage in the city main collection line. MH# 299-00004.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	1,500	299	127	178	6.96
10/19/2013	5911 Willow Glen Dr.	Pump Station # 395 was down - high wet well - overload breaker switch tripped due to heavy rain. MH# 395-00001.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	250	395	90	160	6.59

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

SOUTH Sewer District Collection System LPDES LA0036412 AH#4841

10/01/2013 To 12/31/2013

Date	Address	Cause	Action	Prevention	Reg. Waters	Amt. Gals	PS	BOD	TSS	pH
10/19/2013	15652 Natalbany Ave.	Pump Station # 315 was down - high wet well - phased monitor relay was faulty - it was replaced. MI# 315-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pfl and disinfected using Germ-A-Cert. The pump station status of the pump station. mechanic was notified.	We will periodically monitor this station. Scheduled maintenance records will document operational	None	250	315	109	136	6.72
10/30/2013	6765 Corporate Blvd.	There was a stoppage in the city main collection line. MI# 119-00116.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pfl and disin- fected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	200	119	170	168	7.05
10/31/2013	11811 Rieger Rd.	Pump Station # 332 was down - high wet well - air line break caused the malfunction. MI# 331-00031. * This line segment has been discontinued ~ re-routed to Pump Station # 332.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pfl and disinfected using Germ-A-Cert. The pump station status of the pump station. mechanic was notified.	We will periodically monitor this station. Scheduled maintenance records will document operational	None	5,500	332	136	166	7.01
11/01/13	5911 Willow Glen Dr.	Pump Station # 395 was down - high wet well - overload breaker switch tripped caused the malfunction. MI# 395-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pfl and disinfected using Germ-A-Cert. The pump station status of the pump station. mechanic was notified.	We will periodically monitor this station. Scheduled maintenance records will document operational	None	1,500	395	86	110	7.11
11/3/2013	515 Gardere Lane	Pump Station # 142 was down - high wet well - pumps were stopped up. Pulled pumps to remove stoppage station is now operational. MI# 142-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pfl and disinfected using Germ-A-Cert. The pump station status of the pump station. mechanic was notified.	We will periodically monitor this station. Scheduled maintenance records will document operational	None	150	142	142	152	7.09
11/3/2013	5911 Willow Glen Dr.	Pump Station # 395 was down - high wet well - overload tripped on the pumps, replaced motor starter, pump station back in service. MI# 395-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pfl and disinfected using Germ-A-Cert. The pump station status of the pump station. mechanic was notified.	We will periodically monitor this station. Scheduled maintenance records will document operational	None	250	395	142	152	7.09
11/3/2013	8315 Argosy Court	There was a stoppage in the city main collection line that caused the 6" inch clean-out to overflow. MI# 058-01527A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pfl and disin- fected using Germ-A-Cert. Blue Heat was assist in the flow.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	150	58	142	152	7.09

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE

SANITARY SEWER OVERFLOWS MONITORING REPORT

SOUTH Sewer District Collection System LPDES LA0036412 A#4841

10/01/2013 To 12/31/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
11/13/2013	13523 Kimble Ave.	Pump Station # 383 was down - high wet well - drained air system, pulled pumps to removed stoppage - pumped station down, station back in service.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	200	383	164	84	6.97
11/12/2013	19411 North Mulfield	Pump Station # 349 was down - high wet well - overload breaker switch tripped cause the malfunction.	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 already on site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	450	349	160	122	6.91
11/18/2013	Staring Lane @ Burbank Dr.	Pump Station # 061 was down - high wet well - power to the South Treatment Plant was disrupted.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Entry personnel was notified to restore power supply.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	20,500	61	172	236	6.94
11/19/2013	5323 Moss Side Lane	There was a stoppage in the city main collection line.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. The canal was flushed with fresh water and bleach added to aid in disinfecting.	We will periodically wash this section of our collection line.	Dawson Creek	1,000	56	174	164	6.98
11/21/2013	11643 Baylor Dr.	There was a stoppage in the city main collection line.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. The canal was flushed with fresh water and bleach added to aid in disinfecting.	We will periodically wash this section of our collection line.	Jones Creek	400	66	111	170	7.23
11/21/2013	11550 Southfork Ave.	Pump Station # 328 was down - high wet well - overload breaker switch tripped caused the malfunction.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	175	328	137	230	7.15

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE												
SANITARY SEWER OVERFLOWS MONITORING REPORT												
SOUTH Sewer District Collection System LPDES LA0036412 AI#4841												
10/01/2013 To 12/31/2013												
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH		
12/4/2013	8012 Jefferson Park Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 248-00009.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Claycut Bayou	150	248	138	90	7.18		
12/4/2013	6648 Northshore Ave.	Pump Station # 296 was down - high wet well - there was a stoppage in pump #1 that caused the malfunction. MH# 296-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. The pump station mechanic was notified. Pure X bleach was used to aid in disinfecting receiving stream.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Jones Creek	250	296	138	90	7.18		
12/4/2013	5579 Hagerstown Dr.	Pump Station # 296 was down - high wet well - there was a stoppage in pump #1 that caused the malfunction. MH# 296-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. The pump station mechanic was notified. Pure X bleach was used to aid in disinfecting receiving stream.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Jones Creek	250	296	138	90	7.18		
12/10/2013	5323 Moss Side Lane	Manhole overflowing because of a blockage in the city main collection line. MH# 056-00052C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. Pure X bleach was used to aid in disinfecting the receiving stream.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Dawson Creek	300	56	97	140	6.97		
12/10/2013	1763 Boulevard de Province	Manhole overflowing because of a blockage in the city main collection line. MH# 066-00096.	Recorded sewage discharge and dispatched wash truck to clear the stoppage and clean the collection line. Pure X bleach was used to aid in disinfecting the receiving stream.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Jones Creek	250	66	97	140	6.97		
12/14/2013	12317 North Oak Hills Parkway	Pump Station # 159 was down - high wet well - there was an electrical shortage that caused the malfunction. MH# 159-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. The pump station mechanic was notified.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	200	159	130	263	7.39		
12/15/2013	5942 Woodlawn Park Court	Manhole overflowing because of a blockage in the city main collection line. MH# 159-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. The pump station mechanic was notified.	We will periodically wash this section of our collection line.	None	150	274	133	500	6.94		

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

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841

10/01/2013 To 12/31/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
12/17/2013	2624 Citadel Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 066-00030A. Creek causing manhole overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. Pure X bleach was used to aid in disinfecting the receiving stream.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Ward's Creek	250	66	126	172	7.17
12/18/2013	1726 Leonard Dr.	There was a breakage in the aerial collection line crossing Dawson Creek causing manhole overflow. MH# 057-00496.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. Pure X bleach was used to aid in disinfecting the receiving stream.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Dawson Creek	2,500	57	116	174	7.1
12/20/2013	5323 Moss Side Lane	Manhole overflowing because of a blockage in the city main collection line. MH# 056-00052H.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. Pure X bleach was used to aid in disinfecting the receiving stream.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Dawson Creek	3,000	56	129	182	7.09
12/24/2013	9219 Thayer Ave.	There was a breakage in the aerial collection line crossing Dawson Creek causing manhole overflow.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Pure X bleach was used to aid in disinfecting the receiving stream.	We will monitor this section of line.	Dawson Creek	12,500	57	198	138	7.03
12/24/2013	100 Woman's Way	There was a breakage in the eight inch forcemain line caused from boring operation conducted in the area. Pump Station # 469 affected.	Recorded sewage discharge. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Pure X bleach was used to aid in disinfecting the receiving stream.	We will monitor this section of line.	Claycut Bayou	25,000	469	121	148	7.1
12/26/2013	15717 Springwood Ave.	Manhole overflowing because of a blockage in the city main collection line. MH# 258-00020.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfectant using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	250	258	117	232	7.04

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE

SANITARY SEWER OVERFLOWS MONITORING REPORT

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841

10/01/2013 To 12/31/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
12/26/2013	343 Myrtle Hill Dr.	Pump Station # 257 was down - high wet well - there was a stoppage in pump #1 that caused the malfunction.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	250	267	181	360	6.99
12/30/2013	5353 Moss Side Lane	Manhole overflowing because of a blockage in the city main collection line. MH# 056-00052C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line. Pure X bleach was used to aid in disinfecting the receiving stream.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	Dawson Creek	500	56	176	137	7.19
12/30/2013	Mancuso Lane	Manhole overflowing because of a blockage in the city main collection line. MH# 193-00008.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	350	193	176	137	7.19
12/30/2013	14772 Jeater Ave.	Pump Station # 104 was down - high wet well - there was a stoppage in pump #1 and malfunctioning of floats that caused the pumps failure. MH# 104-00001.	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.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	350	104	132	304	7.01
12/30/2013	15606 Profit Ave.	Manhole overflowing because of a blockage in the city main collection line. MH# 170-00038.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	350	170	132	304	7.01

From: Cynthia D. Thomas
Sent: Thursday, December 05, 2013 9:44 AM
To: spoc@LA.GOV; 'Gooden-Jackson.Gladys@epamail.epa.gov'; Cheryl Berry; Hugh Taylor; Clay Vanveckhoven; 'Mary.David@LA.GOV'; David Guillory; Todd Teepell; Pat Smith; Barbara J. Ourso; Elma James; walker.jan@epa.gov
Cc: Mitch O'brien; Cynthia D. Thomas
Subject: UNAUTHORIZED DISCHARGE/SPILLAGE AT SOUTH TREATMENT PLANT

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

Beginning Date: 12/04/2013
Beginning Time: 1130 hours
Ending Date: 12/04/2013
Ending Time: 1135 hours

We had an unauthorized discharge/spillage at the South Treatment Plant that was due to contractors working in the area, and inadvertently cut power to all drum screens causing the Preliminary Treatment Facility (PTF) channel to spill. The power was restored to the drum screens, and normal operations resumed. Cherry D was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. An estimated 75 gallons of influent wastewater spilled onto plant grounds. If necessary, an official written report will follow.

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

From: Mitch O'brien
Sent: Wednesday, December 04, 2013 11:07 AM
To: spoc@LA.GOV; 'Gooden-Jackson.Gladys@epamail.epa.gov'; Cheryl Berry; Calvin Hayes; Gregory Lewis; 'Mary.David@LA.GOV'; David Guillory; Todd Teepell; Vicki Ganaway; Pat Smith; walker.jan@epa.gov
Cc: Mitch O'brien; 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: 12/03/2013
Beginning Time: 1130 hours
Ending Date: 12/03/2013
Ending Time: 1145 hours

We had an overflow at the South Treatment Plant's newly installed forcemain head works unit. This overflow was due to a malfunction of the wet well level indicator causing the pumps not to operate properly. Plant Operators put controls into manual position and normal operations resumed. Cherry D was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. An estimated 2,500 gallons spilled onto plant grounds. If necessary, an official written report will follow.

Cynthia D. Thomas

From: Cynthia D. Thomas
Sent: Tuesday, November 12, 2013 2:44 PM
To: spoc@LA.GOV; 'Gooden-Jackson.Gladys@epamail.epa.gov'; Cheryl Berry; Calvin Hayes; Gregory Lewis; 'Mary.David@LA.GOV'; David Guillory; Todd Teepell; Vicki Ganaway; Pat Smith
Cc: Mitch O'brien; Cynthia D. Thomas
Subject: OVERFLOW AT CENTRAL TREATMENT PLANT - LA0036421 AI#4842 Incident # 13-05-005

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

Beginning Date: 11/10/2013
Beginning Time: 0145 hours
Ending Date: 11/10/2013
Ending Time: 0230 hours

We had an overflow at the Central Treatment Plant from an existing crack at the top of the Primary Effluent Wet Well that was due to a power outage. The local utility company (Entergy) restored power and normal operations resumed. An estimated 12,406 gallons of Primary Treated Wastewater overflowed onto plant grounds. Mint 64 was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during the 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



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

December 24, 2013

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

Attention: Permit Compliance Unit

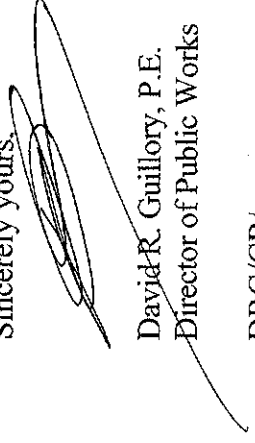
Re: LPDES Permit No. LA0036421 AI # 4842
Full Bypass

We had a planned full bypass that occurred at the Central Treatment Plant on Thursday, December 19, 2013 at 0803 hours to 2119 hours for a total duration on 13 hours and 16 minutes. During this time, an estimated 3,471,400 gallons of untreated wastewater were discharged into the Mississippi River.

This planned full bypass was necessary to allow the private contractor, Schneider Electric (Square D) to shut off the power to replace and install electrical equipment at the intermediate pump station, the chlorine building and the main control center (MCC) building. The Louisiana Department of Environmental Quality was notified beforehand and the Sanitary Sewer Response Plan was followed during this incident.

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

Sincerely yours,


David R. Guillory, P.E.
Director of Public Works

DRG/CB/pas

xc: Mary Roper, Parish Attorney
Cheryl Berry, PE, Special Projects Engineer
Charles O'Brien, Wastewater Laboratory Supervisor
Calvin Hayes, Wastewater Treatment Plant Supervisor (CTP)
Gregory Lewis, Plant Mechanic II

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 South Treatment Plant LPDES Permit No. LA0036412 AI# 4841 during the reporting period. The South Wastewater Treatment Plant (SWWTP) exceeded the permit three weekly Fecal Coliform excursions for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the South Plant during this reporting period is \$3,000. Non-compliance was due to operational issues at the South Wastewater Treatment Plant.
- During this reporting period, the South Treatment Plant elevated test data were due to extensive plant upgrades associated with the Consent Decree. The ongoing construction activities, new equipment installations and tie-ins to the existing treatment plant are scheduled to be completed near the end of 2014 under the Sanitary Sewer Overflow Program. Further noncompliance is not anticipated.

SWWTP	Permit Level	4 th Quarter 2013				Stipulated Penalty	
		Oct	Nov	Dec	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	409	695	450	3	\$1,000	\$3,000
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
						Total	\$3,000

C-Compliance

Part E - Consent Decree Compliance Status

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

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 10/01 / 13 to 12/31 / 13. If not, see comments above.