



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 45

July 24, 2013

Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, La 70821

July 24, 2013

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-Fifth Quarterly Report - **Period Ending June 30, 2013**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 45th Consent Decree Quarterly Report covering activities for the quarter ending June 30, 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 45th 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-Fifth 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,


for 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

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

2850 Gardere Lane
Baton Rouge, LA 70820

Date: July 19, 2013

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

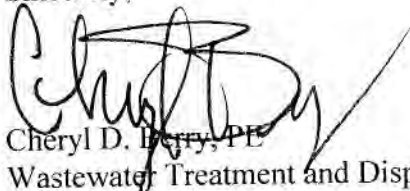
From: Ms. Cheryl Berry, P.E., Wastewater Treatment and Disposal Division

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Forty-Fifth Quarterly Report – Period Ending June 30, 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-Fifth 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-Fifth Quarterly Report that I am responsible for is true, accurate, and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.



xc: Document Control

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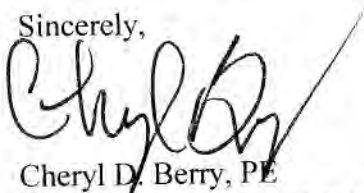
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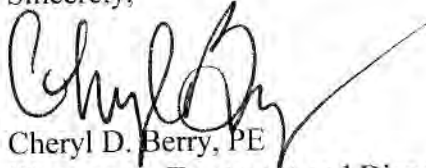
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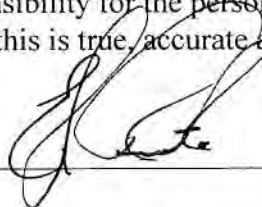
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7-19-2013

xc: Document Control

45th 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 is included in **Attachment 1 - Revised Second Agreement and Order Regarding the Modification of the Consent Decree** in this Quarterly 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 June 30, 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 June 30, 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.

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 June 30, 2013 there have been 62 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			
	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
	36 th	30-Apr-11	27-Apr-11
	35 th	31-Jan-11	28-Jan-11

TABLE 2
Summary of Consent Decree Reporting Deliverables

		Deadline	Completion	Resubmission/ Update
Quarterly Reports				
	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	
	2010	31-Jan-11	28-Jan-11	
	2009	31-Jan-10	31-Jan-10	30-Apr-10

TABLE 2				
Summary of Consent Decree Reporting Deliverables				
		Deadline	Completion	Resubmission/ Update
Quarterly Reports				
	2008	31-Jan-09	31-Jan-09	
	2007	31-Jan-08	31-Jan-08	
	2006	31-Jan-07	27-Jan-07	
	2005	31-Jan-06	24-Jan-06	
	2004	31-Jan-05	31-Jan-05	
	2003	31-Jan-04	30-Jan-04	
	2002	31-Jan-03	29-Jan-02	
	Collection System PMP Plan	30-Mar-01	29-Mar-01	
	Treatment Plant PMP Plan	30-Mar-01	29-Mar-01	
	Treatment Facility Assessment Report	30-Mar-02	26-Mar-02	
	SEP Completion Report	15-Sep-04	10-Sep-04	
	2 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* which is included 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				
		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-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	✓		
N-06 PS 43 Area Upgrades				
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	✓		
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	✓		
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	✓		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	✓		
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)	✓		

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				
	**North Area Comprehensive Rehab. (03-RMP-N23)	✓		
	**PS 45 Area Rehab. (00-RMP-N31)	✓		
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	✓		
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	✓		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	✓		
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	✓		
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	✓		
	PS 944 Area Upgrade (99-RMP-S99)	✓		
	PS 177 Area Upgrade (99-RMP-S99)	✓		
	**PS 211 Area Upgrades (99-RMP-S11)	✓		
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)			Project suspended. Evaluated for inclusion in RMAP2 and 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 Industriplex Area Upgrades	Industriplex 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).

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 June 30, 2013 there are 39 RMAP2 projects functionally completed (ahead of schedule), 24 projects under construction, and 28 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 the end of 2013 or early 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 May 20, 2013 and others (including Hurricanes Katrina, Rita, and Gustav, the Gulf of Mexico oil spill, 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 PDP update is underway. Once it is completed and has been reviewed/approved by the City/Parish, Tables 4, 5 and 6 will be updated to reflect any changes associated with this process.

As noted in Table 1, the City/Parish submitted an updated request for time extension (4 years) for the RMAP2 projects listed below on October 23, 2012 included in the document titled *Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal* and it has been recently signed/formalized by DOJ/EPA/LDEQ in June 2013 and can be found in *Attachment 1 - Revised Second Agreement and Order Regarding the Modification of the Consent Decree* in this 45th Quarterly EPA Report. 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 June 30, 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 June 30, 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				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	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.
Sharp Road – Florida Boulevard Area Rehabilitation Project	✓			Project completed – 3 rd quarter 2012.
Kenilworth Boulevard – Boone Drive Area	✓			Project completed – 3 rd quarter

TABLE 4

Updated EPA Consent Decree RMAP Milestones for Category 1 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Rehabilitation Project				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		✓		Construction approximately 98% complete and on-going.
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 58% complete and on-going.
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		✓		Advertisement for bids underway. Construction NTP expected to be issued 4 th quarter 2013.
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 – Chadsford Drive Area Rehabilitation Project		✓		Final design completed. Advertisement for bids is expected to be underway 3 rd quarter 2013.
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			✓	Final design completed pending EPA review/comments. Advertisement for bids expected to be underway 3 rd quarter 2013.
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project			✓	Survey completed. Design review ongoing. Advertisement for bids expected to be underway 3 rd quarter 2013.
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			✓	Final design underway. Data analysis and report expected to be submitted 4 th quarter 2013.
Siegen Lane – Interstate 10 Area Rehabilitation Project			✓	Project not started.
Interstate 110 – Hollywood Street Area Rehabilitation Project			✓	Design underway and expected to be completed 3 rd quarter 2013.

TABLE 4

Updated EPA Consent Decree RMAP Milestones for Category 1 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
				Advertisement for bids expected to be underway 3 rd quarter 2013.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			✓	Project not started yet.
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			✓	Data analysis and report underway and expected to be completed 3 rd quarter 2013. Design NTP is also expected 3 rd Qtr 2013.
North 38th 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 June 30, 2013.

TABLE 5 EPA Consent Decree RMAP2 Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 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				
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 10% complete and ongoing.
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		✓		Construction approximately 95% complete and ongoing.
Zachary Area Transmission Network Improvements Phase IV – Zachary Improvements		✓		Project completed - 1 st quarter 2012.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements		✓		30% design submitted and reviewed. 60% underway. Design on-going.
South Boulevard – St. Joseph Street Sewer Area Upgrades	✓			Project completed - 3 rd quarter 2012.
South Boulevard – Saint Joseph Street Phase B		✓		Design completed. Advertisement for bids expected to be underway 3 rd quarter 2013.
Downtown Area Pump Station Improvements		✓		Project completed - 3 rd quarter 2012.

TABLE 5				
EPA Consent Decree RMAP2 Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
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 87% 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		✓		Design completed. Advertisement for bids underway. Construction NTP expected 4 th quarter 2013.
Bayou Duplantier Area Sewer Upgrades		✓		Construction approximately 30% complete and ongoing.
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 3 rd quarter 2013.
Plank Road – Kleinpeter Road Sewer Area Upgrades		✓		Advertisement for bids underway. Construction NTP expected 3 rd quarter 2013.
O'Neal Lane Pipeline Improvements – Group A		✓		Land acquisition underway. Advertisements for bids underway. Construction NTP expected 4 th quarter 2013.
O'Neal Lane Pipeline Improvements – Group B		✓		Design completed. Land acquisition underway. Advertisements for bids expected 3 rd quarter 2013.
Multiple PS - Nicholson Dr - Brightside Dr		✓		Construction approximately 8% complete and ongoing.

TABLE 5

EPA Consent Decree RMAP2 Milestones for Category 2 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Pump Station 58 Capacity Improvements		✓		Construction is approximately 25% complete and ongoing.
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)		✓		Constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area. Construction is approximately 83% complete and ongoing.
Staring Lane FM (Phase III - Perkins to PS58)		✓		Construction approximately 90% 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 4 th quarter 2013.
Multiple PS - Highland Road - Kenilworth Parkway			✓	Design completed. Advertisement for bids expected to begin 1 st quarter 2014.
Florida Boulevard Pump Station Improvements			✓	30% design submitted and reviewed. 60% design underway and expected to be completed 3 rd quarter 2013.
Plank Road Pump Station Improvements			✓	Design completed. Advertisement for bids is expected to begin 3 rd quarter 2013.
Multiple PS - Highway 61 - Plank Road			✓	30% design submitted and reviewed. 60% design underway and expected to be submitted 3 rd quarter 2013.
O'Neal Lane Pump Station Improvements – Group A			✓	Design completed. Advertisement for bids expected to be underway 3 rd quarter 2013.
O'Neal Lane Pump Station Improvements – Group B			✓	90% design submitted and reviewed. Final design expected 3 rd quarter 2013. Advertisement for bids expected to be underway 3 rd quarter 2013.
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			✓	30% design completed. 60% design underway and expected to be submitted 3 rd quarter 2013.
Joor Road - Greenwell Springs Road Sewer Area Upgrades			✓	60% design submitted and reviewed. 90% design underway and expected to be submitted 3 rd quarter 2013.
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 2015.
Highland Road Pipeline Improvements - Group B			✓	Final design underway and expected to be submitted 3 rd quarter 2013.

TABLE 5

EPA Consent Decree RMAP2 Milestones for Category 2 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Oak Villa Boulevard - Monterey Boulevard Sewer Area Upgrades			✓	Design completed. Advertisement for bids expected to be underway 3 rd quarter 2014.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group A			✓	90% design underway and expected to be submitted 4 th quarter 2013.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group B			✓	90% design underway and expected to be submitted 3 rd quarter 2013.
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 underway and expected to be submitted and reviewed 3 rd quarter 2013.
Multiple PS - Burbank Drive - Siegen Lane			✓	Final design underway and expected to be submitted 3 rd quarter 2013.
Pump Station 42		✓		Construction is approximately 18% complete and ongoing.
Pump Station 42 Forcemain - Phase I		✓		Construction is approximately 48% complete and ongoing.
Pump Station 42 Forcemain - Phase II		✓		Construction is approximately 32% complete and ongoing.
Central Consolidated Pump Stations		✓		Construction is approximately 49% complete and ongoing.
Central Consolidated Forcemains – Phase I		✓		Construction is approximately 87% complete and ongoing.
Central Consolidated Forcemains – Phase II		✓		Construction is approximately 34% 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 of this type are already underway. The details of the wastewater treatment and storage projects are listed in Table 6 below, and are current through June 30, 2013.

Table 6				
EPA Consent Decree RMAP2 Milestones for Category 3 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions RMAP2 Projects				
Choctaw Storage and Pump Station Facility		✓		Construction approximately 95% complete and ongoing.
Hooper Storage Facility		✓		Construction approximately 5% complete and ongoing.
South WWTP IAP (Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)	✓			Project completed - 2nd quarter 2011.
South WWTP IAP (Effluent Pumping Improvements)	✓			Project completed - 1st quarter 2008.

Table 6				
EPA Consent Decree RMAP2 Milestones for Category 3 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
SWWTP Wet Weather Improvements -Phase I		✓		Project completed - 2 nd quarter 2013.
SWWTP Wet Weather Improvements - Phase II (PDP portion)		✓		Construction is approximately 49% complete and ongoing.

Additional Projects Outside of Consent Decree

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

Table 7			
Proposed Schedule for Projects Outside of Consent Decree			
	Scheduled Start	Scheduled Finish	Project Status Summary
NWWTP Master Plan Project #1 – WWTP Improvements	6 months from Extension approval	Design – 18 months from start Construction – 3 years from design finish	RFQs for design are underway. Engineer selection and design NTP expected 3 rd quarter 2013. Design expected to begin in 1 st quarter 2014.
NWWTP Master Plan Project #2 – Sustainability Projects	6 months from Extension approval	Design – 18 months from start Construction – 3 years from design finish	RFQs for design are underway. Engineer selection and design NTP expected 3 rd quarter 2013. Design expected to begin in 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. RFQs for design expected to be underway in 4 th quarter 2013.

Table 7			
Proposed Schedule for Projects Outside of Consent Decree			
	Scheduled Start	Scheduled Finish	Project Status Summary
SWWTP Wet Weather Improvements – Phase II (Master Plan portion)	Project Underway	Proposed completion by 4 th quarter 2014	Construction is approximately 49% complete and ongoing.
SWWTP Master Plan Project – Buffer Area	Project Underway	Proposed completion by 4 th quarter 2016	DBE design engineer selection underway. Design NTP expected 1 st quarter 2014. Design expected to begin in 1 st quarter 2014.
Sewer System and WWTP Stand-by Power Program	Project Underway	Completion of SSO Program	Installation approximately 29% and on-going.
SCADA (Collection System, Operations Data and Control Center)	Project Underway	Completion of SSO Program	Project split up for east of execution/funding into two (2) projects as follows: "EPA SCADA" and "Master SCADA". EPA SCADA – Final design is submitted. Approximately 60% complete with construction. Construction is on-going. Master SCADA – Final design submitted. Construction just began and is on-going.
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". The design is expected to begin 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.

Status of Other Consent Decree Requirements

Consent Decree Section XV - Outreach and Public Awareness Plan requires the City/Parish DPW to implement and follow the Outreach and Public Awareness Program Plan attached in Exhibit H of the Consent Decree. The Outreach and Public Awareness Program Plan was updated in December 2007 and has been completed and reviewed/approved by the City/Parish and can be found in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* located at the end of the 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 June 30, 2013 the following outreach and public awareness activities took place:

April 2013

April 2, 2013: Metro 1 meeting was hosted by Council member Welch at the Zachary Branch Library. SSO Program representatives presented information on projects in the area - including ZATNIP. Information was presented on the general status of the program. Questions were addressed relative to the operations at the SWWTP and the closure of the Central WWTP. SSO Quarterly Reports were distributed and left at library.

April 9, 2013: Meeting hosted by Council members Edwards and Banks-Daniel with a focus on the Hooper Storage Facility project which borders both districts. The meeting was held at the Coca Cola Bottling Company community room. Presentation included a project overview, map, and pictures of sample tanks. SSO Program representatives informed attendees of the benefits of tank usage and why it was necessary.

April 10, 2013: A meeting was hosted at the Bluebonnet branch library in response to concerns of residents living near Ward's Creek. SSO Program representatives provided brochures on the project that would affect this area, in addition to SSO Program fact sheets, CCTV flyers, and business cards.

April 22, 2013: Council member Ronnie Edwards hosted a community meeting at the Delmont Service Center. SSO Program representatives provided project status updates for construction projects underway in the District 5 area.

May 2013

May 6, 2013: Councilwoman Tara Wicker hosted a South Baton Rouge Civic Association meeting at the Leo S. Butler community center. Residents stated concerns regarding public works' issues including SSO concerns. SSO Program representatives were able to provide feedback to residents regarding the benefits of the work going on, especially highlighting how the one of the goals of the SSO Program is reduce overflows for residents of the City/Parish.

May 7, 2013: Metro 1 meeting was hosted by Council member Welch at the Baker Community Center. SSO Program representatives provided an update on on-going sewer projects in the area. Questions arose regarding land acquisition near PS124 which were answered.

May 20, 2013: SSO Program representatives attended a community meeting hosted by Councilwoman Ronnie Edwards located at the Delmont Service Center. SSO Program representatives explained the three major components of the program and the benefits of sewer rehabilitation projects on drainage in the area.

May 20, 2013: Councilwoman Chuanna Banks-Daniel hosted a meeting at New Bethel Baptist Church for the Scotlandville community area. SSO Program Representatives informed attendees about upcoming projects scheduled to take place the area. Quarterly reports were also distributed.

June 2013

June 3, 2013: SSO Program representatives were requested to attend a community meeting hosted by the Victoria Farms Civic Association. The focus of the meeting was in regards to the annual sewer usage fee increase. Information was provided regarding the fee, what it is used for, and why it increases annually. Attendees were also given an update on projects in their area and maps were provided depicting what neighborhoods these projects covered.

June 18, 2013: SSO Program representatives attended a District 10 Leadership meeting at Baton Rouge Magnet High School which was hosted by Councilwoman Tara Wicker. Representatives provided maps of projects in the area and Quarterly EPA Reports.

June 24, 2013: Councilwoman Ronnie Edwards hosted a community meeting at the Delmont Service Center. Updates were given on the status of projects in the area.

**45th Quarterly Report Attachment 1 -
Revised Second Agreement and Order
Regarding the Modification of the Consent
Decree (4 Year Extension)**

UNITED STATES DISTRICT COURT
MIDDLE DISTRICT OF LOUISIANA

UNITED STATES OF AMERICA, ET AL.

CIVIL ACTION

VERSUS

CITY OF BATON ROUGE, ET AL.

NO.: 01-00978-BAJ-SCR

ORDER

IT IS ORDERED that the parties' Unopposed Joint Motion of the United States of America and the State of Louisiana to Enter the Revised Second Agreement and Order Regarding Modification of the Consent Decree (Doc. 45) is GRANTED.

IT IS FURTHER ORDERED that the parties' Revised Second Agreement and Order Regarding Modification of the Consent Decree, which is attached to this order, is hereby incorporated by reference, adopted, and made an order of this Court, as requested by the parties.

Baton Rouge, Louisiana, this 17th day of June, 2013.



BRIAN A. JACKSON, CHIEF JUDGE
UNITED STATES DISTRICT COURT
MIDDLE DISTRICT OF LOUISIANA

UNITED STATES DISTRICT COURT
MIDDLE DISTRICT OF LOUISIANA

UNITED STATES OF AMERICA and
STATE OF LOUISIANA,

Plaintiffs,

v.

CITY OF BATON ROUGE and
PARISH OF EAST BATON ROUGE,

Defendants.

Civil Action
3:01-cv-00978-BAJ-SCR

**REVISED SECOND AGREEMENT AND ORDER REGARDING
MODIFICATION OF THE CONSENT DECREE**

Pursuant to the terms of the Consent Decree entered by the Court on March 14, 2002 (“the 2002 Consent Decree”), the Parties have agreed to modify certain provisions of the 2002 Consent Decree as set forth in this Revised Second Agreement and Order Regarding Modification of the Consent Decree (“Revised Second Consent Decree Modification”). As required by the terms of the 2002 Consent Decree, the parties request the approval of the Court for the proposed modifications.

BACKGROUND

A. On November 13, 2001, the United States and the State of Louisiana filed their Complaint in this action. In the Complaint, Plaintiffs sought injunctive relief and civil penalties pursuant to Clean Water Act (“CWA”) Sections 301 and 309, 33 U.S.C. §§ 1311 and 1319, for violations of the CWA and National Pollution Discharge Elimination System (“NPDES”) permits issued to the City/Parish for its sewage treatment plants. As set forth in the 2002 Consent Decree, the key violations at issue in the Complaint were:

- i. Violation of NPDES permit requirements which require the permittee to reduce the amount of biochemical oxygen demand (“BOD”) and total suspended solids (“TSS”) such that the thirty (30) day average amount of BOD and TSS in the waste water discharged from the North, Central, and South [sewage treatment] plants is at least eighty-five percent (85%) less than the amount of BOD and TSS in the sewage entering the plant. This requirement is known as the “Eight-Five Percent Rule;”
- ii. Violation of CWA Section 301, 33 U.S.C. § 1311, by discharging untreated sewage to navigable waters from the North, Central, and South plant sewage collection systems. Such overflows are often referred to as “sanitary sewer overflows” or “SSOs;” and
- iii. Violation of NPDES permit requirements related to operation and maintenance by maintaining the North, Central, and South plant sewage collection systems in a condition such that blockages and other failures in the sewage lines caused SSOs.

2002 Consent Decree at page 2.

- B. The stated purposes of the 2002 Consent Decree were:
 - A. To require the City/Parish to achieve and maintain compliance with its NPDES permits and the CWA;
 - B. To require the City/Parish to perform the Work required by this Consent Decree in compliance with the applicable schedules; and
 - C. To further the goals and objectives of the CWA, particularly Sections 101, 301 and 307, 33 U.S.C. §§ 1251, 1311, and 1317.

2002 Consent Decree at ¶ 11.

C. The mechanism by which these purposes were to be attained was implementation by the City/Parish of remedial measures specified in the 2002 Consent Decree. These Remedial Measures were designed, among other things, to bring the City/Parish into compliance with the Eighty-Five Percent Rule and to prevent sanitary sewer overflows. The remedial measures specified in the 2002 Consent Decree included:

Section XII. Collection System Remedial Program: The City/Parish was required to undertake a comprehensive collection system remedial action program. The purpose of this program was to minimize and prevent Unauthorized Discharges from the Collection Systems for the North, Central, and South Plants. At the time the 2002 Consent Decree

was entered, the City/Parish had not made a final decision regarding the program it would implement. Measures common to all the plans under consideration were set forth in a First Remedial Measures Action Plan (“the First RMAP”) attached to the 2002 Consent Decree as Exhibit F. The City/Parish was then required to submit a Second Remedial Measures Action Plan (“the Second RMAP”). In the Second RMAP, the City/Parish was to select a remedial measure to be implemented and provide a detailed analysis of how the selected measure will minimize and prevent Unauthorized Discharges and thereby accomplish the objectives of this Consent Decree. 2002 Consent Decree at ¶ 31. The full remedial program is required to be completed by the deadline specified in Paragraph 34(D).

D. The City/Parish timely submitted a proposed Second Remedial Measures Action Plan (“the 2002 Second RMAP proposal”) on November 19, 2002 in accordance with the requirements of Paragraph 31 of the 2002 Consent Decree. In the 2002 Second RMAP proposal, the City/Parish selected a remedial measure for the collection system that relied upon storage of excess flows prior to treatment. Subsequently, there were discussions between the Parties, and the City/Parish submitted several revisions to the pending Second RMAP proposal. The City/Parish submitted a final version of its proposed Second RMAP in a report to EPA and LDEQ dated November 21, 2006 and titled *Sewer System Model Verification and Revised Second Remedial Action Plan* (“the 2006 Second RMAP proposal”). Pursuant to Paragraph 40(a) of the 2002 Consent Decree, EPA and LDEQ approved the 2006 Second RMAP proposal as the Second RMAP on July 10, 2007. The approved Second RMAP required the City/Parish proposed to complete all construction and achieve fully operational status by January 1, 2015.

E. In July 2008, the City/Parish contacted EPA and LDEQ regarding a potential modification of the approved Second RMAP which would involve decommissioning the Central Wastewater Treatment Plant and rerouting the flow to the South Wastewater Treatment Plant. The Environmental Protection Agency (“EPA”) and the Louisiana Department of Environmental Quality (“LDEQ”) reviewed the City/Parish’s proposal and determined that the proposed

changes were consistent with the objectives of the 2002 Consent Decree, consistent with current industry standards, and provided for completion of all construction and fully operational status achieved by the same deadline set in the approved Second RMAP (i.e. January 1, 2015). On November 10, 2008, the United States and Louisiana lodged, pending solicitation of public comment, a proposed Agreement and Order Regarding Modification of the Consent Decree (Dkt. No. 14) which proposed to modify the Second RMAP to incorporate the changes proposed by the City/Parish. After Plaintiffs filed a Joint Motion to Enter (Dkt. No. 15), the Court entered the Agreement and Order Regarding Modification of the Consent Decree on April 22, 2009 (Dkt. No. 19) (“the First Consent Decree Modification”).

F. By letter dated July 1, 2011, the City/Parish requested an extension of the schedule for completing the work required by the Second RMAP to December 31, 2017. The City/Parish stated that its proposed schedule revisions would defer the lower priority rehabilitation projects and certain capacity projects in the upper reaches of the system while accelerating certain projects at the North Wastewater Treatment Plant and maintaining the schedule for major South Wastewater Treatment Plant projects and critical capacity projects that would effectively reduce sanitary sewer overflows and ensure wastewater treatment plant permit compliance. In addition to modifying the schedule for work required by the Second RMAP, the City/Parish also proposed to add certain projects beyond those required by the 2002 Consent Decree. The additional projects proposed by the City/Parish included implementation of a supervisory control and data acquisition (“SCADA”) system and installation of emergency generators at over 400 pump stations used in the sewage collection system.

G. By letter dated October 23, 2012, the City/Parish requested an extension of the schedule for completing the work required by the Second RMAP to December 31, 2018. The

modifications proposed by the City/Parish were more fully described in an attachment to the October 23, 2012 letter titled *Proposed EPA Compliance Schedule as of October 23, 2012* (“2012 Second RMAP Modification”) (Attachment 1 to this document).

H. EPA and LDEQ have reviewed the 2012 Second RMAP Modification proposed by the City/Parish. EPA and LDEQ determined:

- i. That the proposal maintains the schedule for those projects most critical for reducing SSOs;
- ii. That implementation of work in addition to current requirements of the 2002 Consent Decree, specifically implementation of a SCADA system and installation of emergency generators at pump stations, has the potential to significantly reduce SSOs beyond the reductions that would be achieved under the Second RMAP as amended by the First Consent Decree Modification.

After considering the proposal, EPA and LDEQ determined that they supported the City/Parish’s proposal to modify the Consent Decree as set forth in the 2012 Second RMAP Modification.

I. Paragraph 33 of the 2002 Consent Decree provides:

33. At any time after the Second RMAP is approved by EPA and/or LDEQ pursuant to Section XVII (Review of Submittals), the City/Parish may submit for review and approval pursuant to Section XVII (Review of Submittals) a proposal to modify the remedial measure selected in the Second RMAP. Any proposal to modify the Second RMAP shall be evaluated by EPA and LDEQ for consistency with this Consent Decree, including Section V (Objectives), and industry standards current at the time the proposal is submitted.

....

B. Any proposed modification of the Second RMAP which would extend the schedule for completion of the work or materially alter the selected remedial measure shall require the approval of the Court.

J. Paragraph 119 of the 2002 Consent Decree provides, “Material modifications may be made to this Consent Decree only with written notification to and written approval of each of the Parties and the Court and with an opportunity for public notice and comment in a manner consistent with Paragraphs 122 and 123.”

K. The United States and LDEQ have determined that the modifications set forth in the 2012 Second RMAP Modification would materially alter the selected remedial measure within the meaning of Paragraph 33(B) of the 2002 Consent Decree and constitute material modifications requiring “written approval of each of the Parties and the Court and with an opportunity for public notice and comment” within the meaning of Paragraph 119 of the 2002 Consent Decree.

L. The Assistant Attorney General on behalf of the United States and the undersigned representatives of the City/Parish and the State of Louisiana certify that they are fully authorized to enter into the terms and conditions of this Revised Second Consent Decree Modification of the Consent Decree and to execute and legally bind such party to this document.

By the signatures of their representatives to this document, the Parties to the 2002 Consent Decree hereby approve the modifications set forth below.

NOW THEREFORE, it is hereby ORDERED, ADJUDGED and DECREED as follows:

1. Except as specifically modified herein, all provisions of the 2002 Consent Decree shall remain in full force and effect.

2. The schedule for completing the work required by the Second RMAP (as amended by the First Consent Decree Modification) and the scope of the work to be completed shall be modified as set forth in the 2012 Second RMAP Modification, attached hereto as Attachment 1.

3. This Revised Second Consent Decree Modification shall be lodged with the Court for a period of not less than thirty (30) days for public notice and comment in accordance with Department of Justice policy and described at 28 C.F.R. § 50.7. The United States reserves the right to withdraw or withhold its consent if comments by the public regarding the Revised

Second Consent Decree Modification disclose facts or considerations which indicate that the Consent Decree is inappropriate, improper, or inadequate. This Paragraph does not create any rights exercisable by the City/Parish.

4. The Parties agree and acknowledge that final approval by Plaintiff the State of Louisiana, Department of Environmental Quality, and entry of this Revised Second Consent Decree Modification is subject to the requirements of La. R.S. 30:2050.7, which provides for public notice in the official journal of the Parish of East Baton Rouge, and opportunity for public comment, consideration of any comments, and concurrence by the State Attorney General. This Paragraph does not create any rights exercisable by the City/Parish.

5. The Court shall retain jurisdiction of this case until termination of the 2002 Consent Decree, for the purpose of enabling any of the Parties to apply to the Court for such further order, direction, or relief as may be necessary or appropriate for the construction or modification of this Consent Decree, or to effectuate or enforce compliance with its terms as modified by this Revised Second Consent Decree Modification, or to resolve disputes in accordance with Section XXIV of the 2002 Consent Decree (Dispute Resolution).

FOR THE UNITED STATES OF AMERICA:


Date

6/18/13


IGNACIA S. MORENO

Acting Assistant Attorney General
Environment and Natural Resources Division
United States Department of Justice

Date


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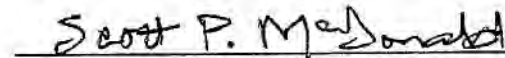
FOR THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY:

3.12.13
Date



JOHN BLEVINS
Director
Compliance Assurance and Enforcement Division
U.S. Environmental Protection Agency, Region 6

3/11/13
Date



Scott P. McDonald
Chief
Water Enforcement Branch
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Environmental Protection Agency, Region 6
1445 Ross Avenue, Suite 1200 (Mail Code: 6RCEW)
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FOR THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY:

8/18/13
Date

MARK POLLINS
Director
Water Enforcement Division (2243A)
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

FOR THE STATE OF LOUISIANA, THROUGH THE DEPARTMENT OF ENVIRONMENTAL QUALITY:

Date 2/13


1
CHERYL S. NOLAN
Assistant Secretary
Office of Environmental Compliance

Date March 1, 2013

1
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FOR THE CITY OF BATON ROUGE AND THE PARISH OF EAST BATON ROUGE:

Date


MERVIN "KIP" HOLDEN
Mayor-President
City of Baton Rouge, Louisiana
Parish of East Baton Rouge, Louisiana
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UNITED STATES DISTRICT COURT
MIDDLE DISTRICT OF LOUISIANA

UNITED STATES OF AMERICA and
STATE OF LOUISIANA,

Plaintiffs,

v.

CITY OF BATON ROUGE and
PARISH OF EAST BATON ROUGE,

Defendants.

Civil Action 01-978-BAJ-SCR

**REVISED SECOND AGREEMENT AND ORDER REGARDING
MODIFICATION OF THE CONSENT DECREE**

Attachment 1

2012 Second RMAP Modification

Attachment 1
Proposed EPA Compliance Schedule as of October 23, 2012

Attachment 1 – Proposed EPA Compliance Schedule

This attachment is proposed to replace the City/Parish's compliance schedule submitted by the City/Parish in the July 1, 2011 Extension Request and the September 2008 [report titled - *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program*] which was adopted in the *Agreement and Order Regarding the Modification of Consent Decree* (April 2009) by DOJ, EPA, and LDEQ. This revised EPA milestone compliance schedule is depicted in Tables 1, 2, and 3. **Note that no projects have been added or deleted to these tables; all of the original projects included in the previously approved RMAP2 will still be completed.** Only the lower priority projects that fall into the last 100% Milestone column will extend beyond the original deadline.

The City/Parish is proposing compliance schedule project adjustments to defer lower priority rehabilitation projects and those capacity projects in the upper/outer reaches of the system, while accelerating the needed additional North Wastewater Treatment Plant Master Plan projects (see Attachment 2 - Proposed Schedule for Additional Projects), and thereby maintaining the compliance schedules for the major wastewater treatment plant projects and critical capacity projects that should most effectively reduce overflows and ensure wastewater treatment plant permit compliance. Estimated construction costs have been included for those projects that fall into the final 100% Construction Milestone of **4th Quarter 2018**. There is an estimated \$260 Million dollars of RMAP2 construction projects included in that milestone.

Category 1: Comprehensive Sewer Basin Rehabilitation

Based on sewer system digital model analysis and flow monitoring, several 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.

Overall, all of the rehabilitation projects were prioritized by working first in the outer areas of the City/Parish and then moving in. However, at the same time those areas with a greater frequency of SSO's were started in advance of those areas with less frequency, so in some cases projects were started closer to the WWTP first if they have high frequencies of SSOs. This logic was continued with the first draft of extension schedule, so those projects that were adjusted with the extension will be in areas with a lesser frequency of SSO's.

Table 1 presents the Category 1 comprehensive rehabilitation projects and anticipated delivery milestone schedules. 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 1				
Updated EPA Consent Decree RMAP Milestones for Category 1 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Estimated Construction Cost
Milestone Date	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	Millions
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	(M)
Project Descriptions RMAP2 Projects				
Jefferson Hwy – HooShooToo Road	✓			
Staring Lane – Boone Drive Area Rehabilitation Project	✓			
Burbank Drive – Gardere Lane Area Rehabilitation Project	✓			
Oak Villa – Choctaw Street Area Rehabilitation Project	✓			
Scotland Avenue – Progress Road Area Rehabilitation Project	✓			
Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project	✓			
Sharp Road – Florida Boulevard Area Rehabilitation Project	✓			
Kenilworth Boulevard – Boone Drive Area Rehabilitation Project	✓			
Foster Drive - Government Street Area Rehabilitation Project Phase A and B	✓			
Silverleaf Road – Ford Street Area Rehabilitation Project	✓			
Brookstown Road - Evangeline Street Phase I Area Rehabilitation Project	✓			
Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project	✓			
Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project		✓		
Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project		✓		
Highland Road – Washington Street Area Rehabilitation Project		✓		
Standford Avenue – Morning Glory Road Area Rehabilitation Project	✓			
Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project		✓		
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		✓		
Acadian Thruway – Claycut Road Area Rehabilitation Project		✓		
Acadian Thruway – Perkins Road Area Rehabilitation Project	✓			

TABLE 1				
Updated EPA Consent Decree RMAP Milestones for Category 1 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Estimated Construction Cost
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2016	Millions
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	(M)
Antioch Road – Chadsford Drive Area Rehabilitation Project		✓		
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			✓	\$12 M
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project			✓	\$9 M
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			✓	\$9 M
Siegen Lane – Interstate 10 Area Rehabilitation Project			✓	\$6 M
Interstate 110 – Hollywood Street Area Rehabilitation Project			✓	\$6 M
Ardenwood Drive – Winboume Street Area Rehabilitation Project			✓	\$5 M
Flannery Road – Florida Boulevard Area Rehabilitation Project			✓	\$6 M
East Boulevard – Government Street Area Rehabilitation Project			✓	\$6 M
North 38th Street – Gus Young Avenue Area Rehabilitation Project			✓	\$8 M
*Note that no projects have changed milestone columns since the original extension request dated July 1, 2011. Only the milestone dates have changed.				

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 force mains in order to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 2 presents a list of Category 2 projects with corresponding milestone schedules.

TABLE 2				
Updated EPA Consent Decree RMAP Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Estimated Construction Cost
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	Millions
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	(M)
Project Descriptions RMAP2 Projects				
Capitol Lake – Gayosa Street Area Capacity Improvements	✓			
Gurney Road - Joor Road	✓			
Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades	✓			
Comite Road – Foster Road Sewer Area Upgrades - Phase I	✓			
Foster Road – Hooper Road Sewer Area Upgrade	✓			
Zachary Area Transmission Network Improvements Phase I - 3 Pump Stations and Equalization Basin		✓		
Zachary Area Transmission Network Improvements Phase II – Red Mud Lakes Forcemain to NWWTP		✓		
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		✓		
Zachary Area Transmission Network Improvements Phase IV – Zachary Improvements		✓		
South Boulevard – St. Joseph Street Sewer Area Upgrades	✓			
Downtown Area Pump Station Improvements		✓		
Highland Road – Buchanan Street Sewer Area Upgrades	✓			
Citiplace/Essen Area - PS119 & Forcemain Improvements	✓			
Group Project 1A (Metro Airport Sewer Upgrades)		✓		
Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)*.		✓		

TABLE 2				
Updated EPA Consent Decree RMAP Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Estimated Construction Cost
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	Millions
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	(M)
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		
Group Project 2 (Old Perkins – Highland Road Area Upgrades)	✓			
Highland Road – Burbank Drive Capacity Improvements		✓		
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A		✓		
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B		✓		
Bayou Duplantier Area Sewer Upgrades		✓		
25th Street - North Acadian Thruway	✓			
Government St - South Acadian Thruway Sewer Area Upgrades		✓		
Plank Road – Kleinpeter Road Sewer Area Upgrades		✓		
O'Neal Lane Pipeline Improvements – Group A		✓		
O'Neal Lane Pipeline Improvements – Group B		✓		
Multiple PS - Nicholson Dr - Brightside Dr		✓		
Pump Station 58 Capacity Improvements		✓		
Staring Lane FM (Phase I - Burbank Drive to Highland Road)	✓			
Staring Lane FM (Phase II - Highland road to Perkins Road)		✓		
Staring Lane FM (Phase III - Perkins to PS58)		✓		
Multiple PS - Jefferson Hwy - Park Forest Dr		✓		
Airline Highway Pipeline Improvements			✓	\$38 M
Multiple PS - Highland Road - Kenilworth Parkway			✓	\$11 M
Florida Boulevard Pump Station Improvements			✓	\$16 M

TABLE 2				
Updated EPA Consent Decree RMAP Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Estimated Construction Cost
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	Millions
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	(M)
Plank Road Pump Station Improvements			✓	\$9 M
Multiple PS - Highway 61 - Plank Road			✓	\$6 M
O'Neal Lane Pump Station Improvements – Group A			✓	\$13 M
O'Neal Lane Pump Station Improvements – Group B			✓	\$10 M
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			✓	\$12 M
Joor Road - Greenwell Springs Road Sewer Area Upgrades			✓	\$7 M
Plank Road - Port Hudson Pride Road Sewer Area Upgrades			✓	\$4 M
Highland Road Pipeline Improvements - Group A			✓	\$8 M
Highland Road Pipeline Improvements - Group B			✓	\$9 M
Oak Villa Boulevard - Monterey Boulevard Sewer Area Upgrades			✓	\$7 M
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group A			✓	\$14 M
Lovett Road – Greenwell Springs Road Sewer Area Upgrades – Group B			✓	\$8 M
Hooper Road Pump Station Improvements			✓	\$12 M
Multiple PS - Prescott Rd - Greenwell Springs Rd			✓	\$5 M
Multiple PS - Burbank Drive - Siegen Lane			✓	\$4 M
Pump Station 42		✓		
Pump Station 42 Forcemain - Phase I		✓		
Pump Station 42 Forcemain - Phase II		✓		
Central Consolidated Pump Stations		✓		
Central Consolidated Forcemains		✓		

TABLE 2				
Updated EPA Consent Decree RMAP Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Estimated Construction Cost
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	Millions
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	(M)
**Note that no projects have changed milestone columns since the original extension request dated July 1, 2011. Only the milestone dates have changed.				

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. The Wastewater Treatment Projects 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 included in this category that are sized to reduce peak flows to existing North WWTP which are listed below and depicted as well in Table 3. These storage projects are part of the transmission system which permits storage of wet weather peak flows.

- Choctaw Storage Facility
- Hooper Storage Facility

Table 3 presents a list of Category 3 projects with corresponding milestone schedules. No estimated construction costs are included for this category, since none of these projects are included in the 100% Construction Milestone.

Table 3			
Updated EPA Consent Decree RMAP Milestones for Category 3 Projects			
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone
Milestone Date	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			
Choctaw Storage and Pump Station Facility		✓	
Hooper Storage Facility		✓	
South WWTP IAP (Consolidated - Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)	✓		
South WWTP IAP (Effluent Pumping Improvements)	✓		
SWWTP Wet Weather Improvements -Phase I		✓	
SWWTP Wet Weather Improvements - Phase II (PDP portion)		✓	

Table 3			
Updated EPA Consent Decree RMAP Milestones for Category 3 Projects			
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018
Construction Status	Construction Functionally Complete	Construction Functionally Completa	Construction Functionally Complete
<p>*Note that <u>all</u> of these types of projects are of high priority and are expected to stay in the same milestone categories as previously submitted in the original extension request dated July 1, 2011.</p>			

Attachment 2
Proposed Schedule for Additional Projects

KNVATTACH2-ADDITIONAL_PROJECTS_SCHEDULE_V3_10-23-2012

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Attachment 2 – Proposed Schedule for Additional Projects

This attachment is a listing of the additional projects that the City/Parish has undertaken outside of the Consent Decree. The City/Parish has agreed to implement a number of significant projects that will greatly help improve operation and maintenance of the treatment and collection system beyond the original Consent Decree requirements. These projects include emergency generators at the 400+ pumping stations; and the installation of a state of the art SCADA real time control system to allow the City/Parish to manage wet weather flows to maximize in system storage and treatment to reduce overflows. Other projects that the City/Parish is implementing in addition to the Consent Decree required projects include South Wastewater Treatment Plant (SWWTP) Phase 2 Master Plan Project, the extensive North Wastewater Treatment Plan (NWWTP) Public Project, the extensive NWWTP Master Plan Projects, the NWWTP Odor Control Project, the Choctaw Sewer Collection Maintenance Facility Project, and the Comite Foster Road Phase 2 Project.

Projects Outside of Consent Decree

This category of projects includes several additional projects not required by the Consent Decree Compliance Schedule. Many of these projects will greatly improve the operation and maintenance of the wastewater collection system, WWTP's, and storage facilities. Also note that both the SCADA Project and the Standby Power Program will help optimize the overall operation of the treatment facilities and pump stations, while minimizing risks associated with SSOs. The projects are summarized below:

- **NWWTP Master Plan Projects** – Based on the *Draft Wastewater Master Plan* (CH2M HILL, 2008) and recent plant inspections, the following items were identified to be addressed at the NWWTP:
 - New raw sewage pumping station
 - New preliminary treatment
 - Comprehensive odor control
 - Plant SCADA system
 - Replace gaseous chlorine with sodium hypochlorite
 - General plant rehabilitation (electrical, mechanical, structural)
 - Standby electrical generators
 - Sludge digestion rehabilitation with gas utilization
- **NWWTP Public Project** - includes purchase of property in order to resolve odor control complaints from nearby residents of the NWWTP. The City/Parish has developed a public project for implementation which would create a buffer zone between the North WWTP and the adjacent residential neighborhood. This buffer zone will include plantings as well as stormwater improvements.
- **SWWTP Phase 2 Master Plan Project** – This project includes Master Plan improvements were outlined in the *Draft Wastewater Master Plan* (CH2M HILL, May 2008). The following are project elements that will be included as additive alternates for the SWWTP Phase 2 construction project:

- Secondary electrical source consisting of on-site engine/generators
 - Improvements to the existing solids thickening and dewatering facilities including new thickened sludge mixing tanks
 - Repair and improvements to existing anaerobic digesters including a new sludge heating system utilizing digester gas and hot water boilers
 - Rehabilitation of existing buildings
 - Construction of a plant SCADA system
 - Construction of new laboratory and administration buildings
- **Stand-by Power Program** – This project will drastically reduce SSOs caused by power outages at the 400+ pump stations in the system, by providing stand-by power at the pump stations. This program consists of installing generators at every wastewater pump station and wastewater treatment facility throughout the City/Parish that can be put in place during power outages, eliminating the risk of overflows from this cause.
 - **Supervisory Control and Data Acquisition (SCADA) Project** - The SCADA Project will provide telemetry and remote monitoring to all existing pump stations, new pump stations, and those pump stations being replaced. The project provides remote monitoring of operations data & alarms that will be communicated via telemetry to a centralized operations center. The centralized operations center will have control capability for major pump stations and storage facilities in the system, allowing flow control to anticipate and reduce the possibility of overflows and/or reduce their severity. The remote monitoring will help City/Parish staff quickly respond to mechanical and electrical problems at the pump stations.
 - **Choctaw Sewer Collection Maintenance Facility** - The Choctaw Administration/ Maintenance Facility will consolidate several separate City/Parish facilities to one location. The facility will house the wastewater collections staff, provide warehouse and equipment storage, house the electrical and pump maintenance shops, and include a fueling station for use by City/Parish employees. The site is centrally located in the parish, so the maintenance facility will allow staff to be efficiently deployed to all areas of DPW's sewer network. The pump maintenance shop will include a pump testing pit, which allows the City/Parish to test pumps at the shop rather than testing once installed at the pump station.
 - **NWWTP Odor Control Project** - the NWWTP Odor Control Project is designed to minimize odors from the WWTP headworks building.
 - **Comite Drive – Foster Road Phase 2 Project** - This project includes an upgrade to the existing sewer system that runs along Comite Drive. The current sewer system in this area is individual septic systems that discharge into an open ditch along the road. A new sewer collection system is being installed to eliminate these discharges. The project consists of new sewers, forcemains, and pump stations.

Table 1 below outlines the anticipated schedule and estimated construction cost of the additional projects. Note that the schedule below is based upon time (number or months) from extension approval for the projects involving the NWWTP.

Table 1			
Proposed Schedule for Projects Outside of Consent Decree			
	Scheduled Start	Scheduled Finish	Estimated Construction Cost
NWWTP Master Plan Projects	6 months from Extension approval	Design – 18 months from start Construction – 3 years from design finish	\$50 M
NWWTP Public Project	6 months from Extension approval	Design and Land Purchase – 1 year from start Construction – 1 year from design finish	\$6 M
SWWTP Wet Weather Improvements – Phase II (Master Plan portion)	Project Underway	Proposed completion by 4 th quarter 2014	\$22 M
Sewer System and WWTP Stand-by Power Program	Project Underway	Completion of SSO Program	\$30 M
SCADA (Collection System, Operations Data and Control Center)	Project Underway	Completion of SSO Program	\$15 M
Choctaw Sewer Collection Maintenance Facility	Design Complete/ Construction start in early 2013	Early 2015	\$15 M
NWWTP Odor Control Project	Complete	Complete	\$1.5 M
Comite –Foster Road Sewer Area Upgrades - Phase II	Complete	Complete	\$0.9 M

Baton Rouge 2002 Consent Decree Quarterly Report
Summary of Activity Totals
April 1 -June 30, 2013

Summary of Activities	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	Cum. Annual Total	Cum. % Complete	Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)											
Lines Cleaned (ft)	211,773	37%	208,409	74%	0	74%	0	74%	420,182	74%	570,000
CCTV Inspected (ft)	172,395	30%	190,144	64%	0	64%	0	64%	362,539	64%	570,000
Smoke Tested (ft)	141,721		177,133		0		0		318,854		----
Smoke Tested (no. of locations)	4		0		0		0		4		----
Dye Water Flooded (no. of locations)	4		0		0		0		4		----
Manholes Inspected (no.)	825	33%	674	60%	0	60%	0	60%	1,499	60%	2,500
Lines Repaired (no.)	753		661		0		0		1,414		----
MH Rehabbed (no.)	198		55		0		0		253		----
Force Mains (240 miles)											
Visual Surface Inspection (miles)	82.1	68%	53.0	113%	0.0	113%	0.0	113%	135.1	113%	120
Repaired (no.)	15		112		0		0		127		----
Air Release Valves (604)											
Inspected/Maintained	220	23%	287	53%	0	53%	0	53%	507	53%	960 to 1,200
Repaired (no.)	140		163		0		0		303		----
Pump & Lift Stations (421)											
Inspections (no.)	17,898	40%	17,106	78%	0	78%	0	78%	35,004	78%	45,136
Wet wells cleaned	113		104		0		0		217		----
Repaired (no.)	35		37		0		0		72		----
Peak Flow Storage Facilities (2)											
Little Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104
Big Peak site visits - Decommissioned	39	38%	0	38%	0	38%	0	38%	39	38%	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
April 1 - June 30, 2013**

North Plant- LA0036439

Summary of Activities	1st Quarter (EPA Report No. 44)					2nd Quarter (EPA Report No. 45)						
	WWC (w/AMP) (Route.) (Corr.)	WWC-PS (Route.) (Corr.)	Field Engr. (Route.)	Field Engr. (Route.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP) (Route.) (Corr.)	WWC-PS (Route.) (Corr.)	Field Engr. (Route.)	Field Engr. (Route.)	Quarterly Total	*Cum. % Complete
Gravity Collection System (2,460,000ft/10,640MH)												
Lines Cleaned (ft)	24,000		8,676	32,676	6%	10,750		1,345	12,095	8%		
CCTV Inspected (ft)			11,555	11,555	2%			1,498	1,498	2%		
Smoke Tested (ft)			504	504				628	628			
Smoke Tested (no. of locations)				0					0			
Dye Water Flooded (no. of locations)				0					0			
Manholes Inspected (no.)			4	4	0%			4	4	0%		
Lines Repaired (no.)	44		84	128			54		51	105		
MH Rehabbed (no.)	5		25	30			4		10	14		
Force Mains (120 miles)												
Visual Surface Inspection (miles)				70.1	58%	4.0	27.0		35	35	84%	
Repaired (no.)	1		4	5								
Air Release Valves (335)												
Inspected/Maintained				196	20%		144		144	35%		
Repaired (no.)		120		120			88		88			
Pump & Lift Stations (141)												
Inspections (no.)				5,966	13%		5,809		5,809	26%		
Wet wells cleaned				52			51		51			
Repaired (no.)		18		18			17		17			

Route.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
April 1 - June 30, 2013**

Central Plant-LA0036421

Summary of Activities	1st Quarter (EPA Report No. 44)						2nd Quarter (EPA Report No. 45)							
	WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	
Gravity Collection System (1,410,000ft/5,760MH)														
Lines Cleaned (ft)		8,250			64,398	72,648	13%		4,000			179,896	183,896	45%
CCTV Inspected (ft)					65,420	65,420	11%					186,134	186,134	44%
Smoke Tested (ft)					1,146	104,765	105,911				2,293	152,404	154,697	
Smoke Tested (no. of locations)					1	1						0	0	
Dye Water Flooded (no. of locations)					1	1						0	0	
Manholes Inspected (no.)					10	530	540	22%			20	585	605	46%
Lines Repaired (no.)		34			251	285			35			164	199	
MH Rehabbed (no.)		4			125	129			2			7	9	
Force Mains (10 miles)														
Visual Surface Inspection (miles)						0.5	0%						0.0	0%
Repaired (no.)						0							0	
Air Release Valves (18)														
Inspected/Maintained						1	0%						0	0%
Repaired (no.)						1							0	
Pump & Lift Stations (21)														
Inspections (no.)						836	2%						703	3%
Wet wells cleaned						5							3	
Repaired (no.)						3							1	

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
April 1 - June 30, 2013**

South Plant-LA0036412

Summary of Activities	1st Quarter (EPA Report No. 44)					2nd Quarter (EPA Report No. 45)					*Cum. % Complete		
	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Quarterly Total	WWC (w/AMP)		WWC-PS			Field Engr. (Rout.)	Quarterly Total
	(Rout.)	(Corr.)	(Rout.)	(Corr.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)			
Gravity Collection System (4,640,000ft/21,580MH)													
Lines Cleaned (ft)	25,500				80,949	106,449		11,250		1,168	12,418		21%
CCTV Inspected (ft)					95,420	95,420				2,512	2,512		17%
Smoke Tested (ft)					7,657	27,649	35,306			8,787	13,021	21,808	
Smoke Tested (no. of locations)					3	3						0	
Dye Water Flooded (no. of locations)					3	3						0	
Manholes Inspected (no.)					39	242	281			55	6	61	14%
Lines Repaired (no.)	93				247	340		126		231	357		
MH Rehabbed (no.)	15				24	39		14		18	32		
Force Mains (110 miles)													
Visual Surface Inspection (miles)			11.5			11.5		1.0	21.0			22.0	28%
Repaired (no.)	2				8	10				77	77		
Air Release Valves (251)													
Inspected/Maintained			23			23		143				143	17%
Repaired (no.)				19		19			75			75	
Pump & Lift Stations (259)													
Inspections (no.)			11,096			11,096		10,594				10,594	48%
Wet wells cleaned			56			56		50				50	
Repaired (no.)				14		14			19			19	
Peak Flow Storage Facilities (2)													
Little Peak site visits-Decommissioned						0						0	0%
Big Peak site visits- Decommissioned						39						0	38%

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

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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 177,133 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

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

Part A – Cross Connection Elimination Plan

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 04/1/13 to 06/30/13. 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 Apr.-Jun. 2013	Cumulative 2013 Annual Total	2013 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	208,409	420,182	570,000
CCTV Inspected (ft)	190,144	362,539	570,000
Smoke Tested (ft)	177,133	318,854	----
Smoke Tested (no. of locations)	0	4	----
Dye Water Flooded (no. of locations)	0	4	----
Manholes Inspected (no.)	674	1,499	2,500
Lines Repaired (no.)	661	1,414	----
MH Rehabbed (no.)	55	253	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	53.0	135.1	120
Repaired (no.)	112	127	----
Air Release Valves (604)			
Inspected / Maintained	287	507	960 to 1,200
Repaired (no.)	163	303	----
Pump & Lift Stations (421)			
Inspections (no.)	17,106	35,004	45,136
Wet wells cleaned	104	217	----
Repaired (no.)	37	72	----
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 04/1/13 to 06/30/13. If not, see comments above.

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

North Plant (LA0036439 AI# 4843)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Apr.– Jun. 2013</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	1,345	10,750	12,095
CCTV Inspected (ft)	1,498	0	1,498
Smoke Tested (ft)	628	0	628
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	8	0	8
Lines Repaired (no.)	51	54	105
MH Rehabbed (no.)	10	4	14
Force Mains (120 miles)			
Visual Surface Inspection (miles)	27.0	4.0	31.0
Repaired (no.)	35	0	35
Air Release Valves (335)			
Inspected / Maintained	144	0	144
Repaired (no.)	0	88	88
Pump & Lift Stations (141)			
Inspections (no.)	5,809	0	5,809
Wet wells cleaned	51	0	51
Repaired (no.)	0	17	17

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

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

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

Central Plant (LA0036421 AI# 4842)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Apr.– Jun. 2013</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	179,896	4,000	183,896
CCTV Inspected (ft)	186,134	0	186,134
Smoke Tested (ft)	154,697	0	154,697
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	605	0	605
Lines Repaired (no.)	164	35	199
MH Rehabbed (no.)	7	2	9
Force Mains (10 miles)			
Visual Surface Inspection (miles)	0.0	0	0.0
Repaired (no.)	0	0	0
Air Release Valves (18)			
Inspected / Maintained	0	0	0
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	703	0	703
Wet wells cleaned	3	0	3
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 Apr.– Jun. 2013</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	1,168	11,250	12,418
CCTV Inspected (ft)	2,512	0	2,512
Smoke Tested (ft)	21,808	0	21,808
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	61	0	61
Lines Repaired (no.)	231	126	357
MH Rehabbed (no.)	18	14	32
Force Mains (110 miles)			
Visual Surface Inspection (miles)	21.0	1.0	22.0
Repaired (no.)	77	0	77
Air Release Valves (251)			
Inspected / Maintained	143	0	143
Repaired (no.)	0	75	75
Pump & Lift Stations (259)			
Inspections (no.)	10,594	0	10,594
Wet wells cleaned	50	0	50
Repaired (no.)	0	19	19
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 eight (48) 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 not followed for all unauthorized discharges. There was one problem encountered in following the SSO Response Plan. The monitoring agencies were not notified within the 24-hour reporting period. A review of the Sanitary Sewer Overflow Response Plan concerning proper notification procedures was conducted with the Treatment Plant operational staff. The City/Parish was in compliance 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	7
South Plant-LA0036412 AI# 4841 Collection System	39
Total	48

** 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 04/1/13 to 06/30/13. 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 eight (48) 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	7
South Plant-LA0036412 AI# 4841 Collection System	39
Total	48

** 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. This partial full bypass was due to local heavy rainfall and mechanical breakdown of the #1 bar screen. The repair of the bar screen was completed as soon as possible.

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 04/1/13 to 06/30/13. If not, see comments above.

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/3/2013	5016 Woodlake Dr.	Manhole overflowing because of sewerage system surcharging. MH# 211-00039.	Recorded discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP procedures	None	300	211	35	136	6.79
4/4/2013	8200 Bayou Fountain Ave.	Pump Station # 278 was down - high wet well. MH# 278-00001.	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	200	278	179	148	6.94
4/5/2013	13523 Kimble Ave.	Pump Station # 383 was down - high wet well. Airline was malfunctioning. MH# 383-00001.	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	383	119	214	6.85
4/6/2013	17541 Brookfield Ave.	Pump Station # 365 was down - high wet well. cleaned Variable Frequency Drives #1, #2, and #3. Re-set alarms and then re-start motors. MH# 365-00001.	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	365	136	332	7.04
4/7/2013	17000 Medical Center Dr.	Pump Station # 345 was down - high wet well, pulled both floats and cleaned them. Re-set alarms. Pump Station now is fully operational. MH# 345-00001.	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	300	345	83	270	7.07

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/7/2013	18389 Petroleum Dr.	Pump Station # 413 was down - high wet well, Pump Station was running on pump #1, switched to pump #2. Pump Station is fully operational. MH# 413-00001.	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	413	83	270	7.07
4/12/2013	17321 Master's Pointe Court	Pump Station # 344 was down - high wet well - pump was turned off. MH# 344-00570.	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	344	142	154	7.08
4/15/2013	11888 Longridge Ave.	Manhole overflowing because of a blockage in the city main collection line. MH# 143-00013	Recorded sewage discharge and dispatched wash truck to clean 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	143	118	59	6.89
4/17/2013	12527 Lake Lamond Ave.	Pump Station # 136 was down - high wet well- overload on breaker switch. It was re-set. MH# 136-00002B.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and re-set switch.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station. Pure X bleach was added to receiving stream to aid in disinfecting.	Jones Creek	1,000	136	178	244	6.91

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/17/2013	19343 Links Court	Pump Station # 136 was down - high wet well- air leak problem. MH# 388-00009.	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	388	158	208	6.74
4/18/2013	16777 Medical Center Dr.	Pump Station # 345 was down - high wet well, pumps were off on arrival, the floats were cleaned, pulled pump # 2, there was not a blockage located an analog guage was installed. MH# 345-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	250	345	201	1,584	6.8
4/21/2013	16801 Jefferson Hwy.	Pump Station # 431 was down - high wet well - found pumps off, replaced the floats and re-set controllers. MH# 431-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	250	431	276	400	7.07
4/21/2013	2171 O'Neal Lane	Pump Station # 345 was down - high wet well, replaced floats, pump station is now operational. MH# 345-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	250	345	276	400	7.07

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

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/21/2013	9860 Bluebonnet Blvd.	Manhole overflowing because of a blockage in the city main collection line. MH# 302-00073.	Recorded sewage discharge and dispatched wash truck to clean 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	302	237	320	7.1
4/22/2013	8901 Old Hermitage Pkwy.	Pump Station # 237 was down - removed both pumps and cleared stoppage from them. MH# 237-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	220	237	237	320	7.1
4/24/2013	3251 Yosemite Dr.	Manhole overflowing because of sewerage system surcharging MH# 051-00342.	Recorded discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP procedures.	None	150	51	148	276	6.74
4/29/2013	3212 Murphy Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 058-05074.	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	58	212	484	6.95
5/1/2013	7025 Meadow Park Ave.	Pump Station # 108 was down - electrical problem - feeder wire was repaired from ATS to pump control cab. MH# 108-00001.	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 - corrected the deficiency.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	108	111	156	6.79
5/2/2013	3029 S. Sherwood Forest Blvd.	Manhole overflowing because of a blockage in the city main collection line. MH# 135-08150.	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	150	135	95	266	6.85

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

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/5/2013	12635 N. Stanwick Pl.	Pump Station # 301 was down - electrical problem - overload on breaker switch causing it to trip. MH# 301-00001.	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 - corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	350	301	161	224	7.35
5/7/2013	8748 Bluebonnet Blvd.	Pump Station # 301 was down - high wet well - air compressor inoperable. MH# 301-00001.	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 - corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	150	301	172	174	6.11
5/7/2013	10616 Timberlake Ave.	Pump Station # 301 was down - high wet well - air compressor inoperable. Same affect as Blue - bonnet Blvd. MH# 301-00001.	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 - corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	150	301	172	174	6.11
5/10/2013	5016 Woodlake Dr.	Manhole overflowing because of sewerage system surcharging. MH# 211-00039.	Recorded discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP procedures.	None	150	211	91	422	6.97

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/10/2013	14907 Profit Ave.	Manhole overflowing because of sewerage system surcharging. MH# 170-00023A.	Recorded discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP procedures.	None	200	170	91	422	6.97
5/10/2013	3952 Woodland Hill Ct.	Manhole overflowing because of sewerage system surcharging. MH# 403-00034.	Recorded discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP procedures.	None	250	403	91	422	6.97
5/20/2013	2225 College Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 119-00014D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow.	None	300	119	293	188	7
5/22/2013	9323 Ventura Dr.	Manhole overflowing because of sewerage system surcharging. MH# 051-00001.	Recorded discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP procedures.	None	250	51	67	236	6.62
5/28/2013	2225 College Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 119-00014D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. Blue Heat was used to clear the stoppage and clean the collection line.	We will periodically wash this section of our collection line. Grease Away was added to assist in the flow. The collection line is scheduled to be televised.	None	500	119	164	204	7.46
5/29/2013	2001 Millerville Rd.	Pump Station # 319 was down - high wet well - both pumps were stopped up - they were removed, unclogged and back online at 10:30 AM. MH# 319-00001.	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 - corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	500	319	178	108	6.8

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

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
6/1/2013	1827 General Beauregard Ave.	Pump Station # 237 was down - high wet well - both pumps were stopped up - they were removed, unclogged, now back online. MH# 237-00001.	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 - corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	250	237	127	304	7
6/2/2013	2001 Millerville Rd.	Pump Station # 319 was down - high wet well - both pumps were stopped up - they were removed, unclogged, now are back online. MH# 319-00001.	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 - corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	350	319	159	146	6.7
6/3/2013	15611 Springwood Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 258-00011.	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	258	82	116	6.1
6/11/2013	7035 Rose Hill Dr.	Pump Station # 410 was down - high wet well - breaker switch had tripped to standby mode. MH# 410-00001.	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 - corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	450	410	171	328	7.02
6/15/2013	14241 Coursey Blvd.	Pump Station # 428 was down - high wet well - pump #2 was removed and stoppage cleared. MH# 428-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified - pulled pump and cleared the blockage.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	200	428	138	198	6.87

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
6/17/2013	1647 North Pamela Dr.	Pump Station # 151 was down - high wet well - stoppage in the main collection line was the cause of discharging. MH# 151-00026.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected using Germ-A-Cert. The pump station mechanic was notified and found station operational. The wash truck cleared the stoppage found in the main collection line.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	4,000	151	130	234	7.09
6/29/2013	12647 North Oak Hills Parkway	Pump Station # 159 was down - high wet well - HOH switch was left on. MH# 159-00001.	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	159	139	28	6.49
6/30/2013	17647 Martin Lake Dr.	Pump Station # 442 was down - high wet well - low float was defective, caused GFI to trip, no power. MH# 442-00001.	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	442	142	324	7.02
6/30/2013	9442 Worthington Lakes Ave.	Pump Station # 412 was down - high wet well - defective phase monitor, station was running on low floats. MH# 412-00001.	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	300	412	142	324	7.02

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

CENTRAL Sewer District Collection System LPDES LA0036421A# 4842
04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/4/2013	2533 Honeysuckle Ave.	Manhole overflowing because of a blockage in the city main collection line. MH# 003-01710.	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	3	69	74	7.53
4/6/2013	2323 S. Acadian Hwy.	Manhole overflowing because of a blockage in the city main collection line. MH# 096-08150.	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	200	96	75	56	7.5
4/8/2013	3132 College Dr.	Manhole overflowing because of a blockage in the city main collection line. MH# 005 Not graphically depicted on EBROSCO maps.	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	5	111	74	7.57
4/15/2013	1903 Nebraska St.	Manhole overflowing because of a blockage in the city main collection line. MH# 001-00448A.	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	450	1	50	66	7.46
MAY NONE										
JUNE NONE										

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

NORTH Sewer District Collection System LPDES LA0036439A# 4843
 04/01/2012 To 06/30/2013

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/29/2013	11815 Flamingo Dr.	Pump Station # 166 was down - high wet well- overload on breaker switch. It was re-set. MI# 166-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Plt and disinfected using Germ-A-Cert. The pump station mechanic was notified and re-set switch.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	None	300	166	140	100	7.19
5/22/2013	7035 Airline Hwy.	Manhole overflowing because of sewerage system surcharging. MI# 052-00001.	Recorded discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Plt and disinfected using Germ-A-Cert.	Implemented RMAP procedures.	None	350	52	71	896	6.8
JUNE NONE										



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

May 15, 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
Partial Full Bypass

FILE COPY

We had a partial full bypass at the Central Treatment Plant which occurred on May 10, 2013, from 0530 hours to 0800 hours for a total duration of 2 hours and 30 minutes. During this time, an estimated 13,000,000 gallons of wastewater arrived at the plant and was discharged into the Mississippi River. Of this amount, an estimated 5,210,000 gallons received only primary treatment and 3,850,000 gallons received both primary and secondary treatments and 3,940,000 gallons received no treatment.

This partial full bypass was due to local heavy rainfall and mechanical breakdown of the #1 bar screen. The repair of the bar screen will be completed as soon as possible. The Sanitary Sewer Response Plan was followed during the incident.

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

Sincerely yours,

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

DRG/CB/pas

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

Pat Smith

No Report Necessary - 100,000 gals

From: Cynthia D. Thomas
Sent: Friday, June 07, 2013 8:29 AM
To: 'spoc@LA.GOV'; 'Gooden-Jackson.Gladys@epamail.epa.gov'; Cheryl Berry; David Guillory; Todd Teepell; 'Mary.David@LA.GOV'; Calvin Hayes; Vicki Ganaway; Gregory Lewis; Pat Smith
Cc: Mitch O'brien; Cynthia D. Thomas
Subject: Unauthorized Discharge/Spillage at Central Treatment Plant - LA0036421 AI#4842

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

Beginning Date: 06/06/2013
Beginning Time: 1940 hours

Ending Date: 06/06/2013
Ending Time: 1945 hours

We had an unauthorized discharge/spillage at Central Treatment Plant that was due to a discharge hose that became disconnected from the six inch pump, which was being used to pump down primary basin number two. An estimated 200 gallons spilled onto plant grounds. The Sanitary Sewer Response Plan was followed during the incident. If necessary, an official 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

Cynthia D. Thomas

No Report Necessary
< 10,000 gals

From: Cynthia D. Thomas
Sent: Monday, July 01, 2013 8:51 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
Cc: Mitch O'brien; Cynthia D. Thomas
Subject: Unauthorized Discharge/Spillage at Central Treatment Plant - LA0036421 AI#4842

Central Treatment Plant LA0036421 AI#4842
2443 River Road
Baton Rouge, LA 70808

Beginning Date: 06/28/2013
Beginning Time: 0835 hours

Ending Date: 06/28/2013
Ending Time: 1135 hours

We had an unauthorized discharge/spillage at Central Treatment Plant that was due to the opening of a sludge valve from the number two digester, that discharged into a broken line. Corrective measures were taken by shutting/closing of all digester valves. Operations was instructed to put into service only one digester sludge line at a time. Vacuum trucks were called out to remove the unauthorized discharge/spillage and was returned into the system. Mint 32 and sand was used for disinfection during cleanup measures. An estimated 16,965 gallons spilled onto the plant grounds. The Sanitary Sewer Response plan was not followed during this incident, because the monitoring agencies were not notified during the 24 hour reporting time. If necessary, an official 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

Pat Smith

NO Report Necessary (AS)

From: Pat Smith
Sent: Wednesday, May 01, 2013 9:02 AM
To: 'spoc@LA.GOV'; 'Gooden-Jackson.Gladys@epamail.epa.gov'; Cheryl Berry; Hugh Taylor; David Guillory; Todd Teepell; Barbara J. Ourso; Elma James; 'Mary.David@LA.GOV'
Cc: Cynthia D. Thomas; Mitch O'brien
Subject: Overflow at the South Treatment Plant LA0036412 AI#4841

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

Beginning Date: 04/30/2013
Beginning Time: 1505 hours
Ending Date: 04/30/2013
Ending Time: 1515 hours

We had an overflow at South Treatment Plant that was due to a malfunction of the influent forcemain pump station. VFD control failed. The area was disinfected with Lime and Cherry D. An estimated 1,200 gallons spilled onto the plant grounds. If necessary, an official report will follow.

Patricia Smith, Administrative Specialist II
City of Baton Rouge
Department of Public Works/WWT&D
2443 River Road
Baton Rouge, LA 70802
225-389-3240-phone
225-389-3111-fax
psmith@brgov.com

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 four weekly and two monthly 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 \$9,000. 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	2 nd Quarter 2013			Stipulated Penalty		
		Apr	May	Jun	# of Occurrences	Per Occurrence	Total
BOD							
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			
TSS							
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			
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	C	1711	645	2	\$1,000	\$2,000
				914	1	\$1,000	\$1,000
				794	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	200 col/100ml	C	257	680	2	\$2,500	\$5,000
						Total	\$9,000

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 04/01/13 to 06/30/13. If not, see comments above.