

APR 27 2012

BWR.



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 40

April 26, 2012

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

2850 Gardere Lane
Baton Rouge, LA 70820

Date: April 24, 2012

To: Mr. Garcia Dialekwa, Wastewater Treatment and Disposal Division
Mr. Greg Wiley, Wastewater Collection Division
Mr. E. J. Amato, Field Engineering Division

From: Ms. Alison Ford, 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
Fortieth Quarterly Report – Period Ending March 31, 2012
Data Review

Gentlemen:

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 Fortieth 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,

Alison Ford, PE
Wastewater Treatment and Disposal Division

I certify that the information contained in or accompanying the portion of the Fortieth 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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WASTEWATER TREATMENT AND DISPOSAL DIVISION

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Baton Rouge, LA 70820

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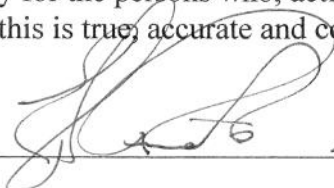
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Alison Ford, PE
Wastewater Treatment and Disposal Division

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 4-24-2012

xc: Document Control



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, La 70821

April 26, 2012

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
Fortieth Quarterly Report - **Period Ending March 31, 2012**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 40th Consent Decree Quarterly Report covering activities for the quarter ending March 31, 2012. 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:

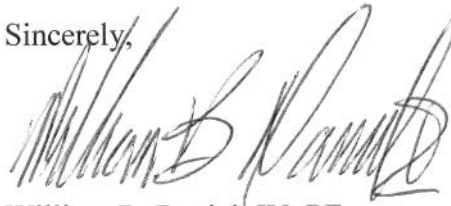
- Cross Connection Elimination Plan
- Collection System Preventive Maintenance Program (PMP)
- Sanitary Sewer Overflow Response Plan (SSORP)
- Reporting of Unauthorized Discharges
- Consent Decree Compliance Status

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 40th 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 Fortieth 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,



William B. Daniel, IV, PE
Public Works Director

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President
Mr. John Carpenter, Acting Chief Administrative Officer
Chief, Environmental Enforcement Section, US DOJ
Mr. Bobby Mayweather, LDEQ
Ms. Peggy Hatch, LDEQ
Ms. Mona Bates, US EPA Region 6
Mr. Carlos Zequeira, (6RC-EA)
Ms. Gladys Gooden-Jackson, (6EN-WC)
Ms. Mary Roper
✓ Mr. Michael Ellis, CH2MHILL
Ms. Karen Johnson, CH2MHILL
Mr. Bryan Harmon
Mr. Jim Ferguson
Ms. Cheryl Berry
Mr. Mark LeBlanc
Mr. John Ward
Mr. Garcia Dialekwa
Mr. Mitch O'Brien
Ms. Alison Ford

40th 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).

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 and the 2009 Consent Decree Modification, which took place during the quarter ending March 31, 2012.

Report Organization

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

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

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

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

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

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

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

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

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

Part F: Supplemental Environmental Projects (SEP) – This section summarizes the status of the SEP projects. However, since at this time all SEP projects have been completed in previous reporting periods and the final

SEP Completion Report has also been submitted, there isn't anything to report at this time. Therefore, this section is not included in the Quarterly Report for this reporting period.

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

Summary of Regulatory Actions (Quarter Ending March 31, 2012)

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.

- City/Parish submitted the 39th Quarterly EPA Report (report data from period ending December 31, 2011) on January 26, 2012.
- City/Parish submitted to DOJ, EPA, and LDEQ their Response to Intervener-Plaintiffs Second Motion to Intervene (March 13, 2012) in the Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal, on March 30, 2012.

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	September 2008	City/Parish formal RMAP2 Submittal

TABLE 1 DOJ, EPA and LDEQ Submittal History		
Name	Date Submitted	Additional Information
Program		
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

As of March 31, 2012 there have been 56 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			
	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
	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

TABLE 2
Summary of Consent Decree Reporting Deliverables

	Deadline	Completion	Resubmission/ Update
Quarterly Reports			
	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			
	2011	31-Jan-12	28-Jan-12
	2010	31-Jan-11	28-Jan-11
	2009	31-Jan-10	31-Jan-10
	2008	31-Jan-09	31-Jan-09
	2007	31-Jan-08	31-Jan-08
	2006	31-Jan-07	27-Jan-07
	2005	31-Jan-06	24-Jan-06
	2004	31-Jan-05	31-Jan-05
	2003	31-Jan-04	30-Jan-04
	2002	31-Jan-03	29-Jan-02
	Collection System PMP Plan	30-Mar-01	29-Mar-01
	Treatment Plant PMP Plan	30-Mar-01	29-Mar-01
	Treatment Facility Assessment Report	30-Mar-02	26-Mar-02

TABLE 2 Summary of Consent Decree Reporting Deliverables			
	Deadline	Completion	Resubmission/ Update
Quarterly Reports			
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				
<i>EPA Consent Decree Summary and RMAP1 Milestones</i>				
		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)	✓		
	**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)	✓		

TABLE 3				
<i>EPA Consent Decree Summary and RMAP1 Milestones</i>				
		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				
	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.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 th Quarter 2007	Project completed – 4th quarter 2007.
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 nd Quarter 2010	Project completed – 1st quarter 2011.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 nd Quarter 2010	Project completed – 2nd quarter 2009.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 nd Quarter 2010	Project completed – 2nd 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 preparing this 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.

During the early part of 2011 the North Wastewater Treatment Plant experienced significant odor problems later associated with illegal dumping of chemicals from a truck wash facility. The dumping resulted in an upset of the plant processes and more severe odor problems than the plant had experienced in the past. Concerned neighbors and others have been petitioning the City/Parish for action. The City Parish responded by bringing in special operations experts to help restore plant functions and reduce odors. In addition, the City/Parish asked CH2M HILL to evaluate longer term capital needs at the plant with a focus on improved operations and odor reduction. The City/Parish is cooperating fully with LDEQ and US EPA to address the illegal dumping. Out of these actions, discussion has begun with LDEQ regarding North Wastewater Treatment Plant improvements that are not currently part of the Consent Decree RMAP2 program. Without changes, the North Wastewater Treatment Plant improvements cannot be initiated until completion of the program in 2015. The City/Parish is evaluating alternatives and may propose a formal consideration of program adjustments that would accelerate the North Wastewater Treatment Plant work with minimal impact on the Consent Decree Program objectives.

As of March 31, 2012 there are 16 RMAP2 projects functionally completed (ahead of schedule), 40 projects under construction, and 31 projects under design, and the City/Parish hasn't hit the peak of activities which is projected to be sometime later this year. There is growing concern that the sheer number of projects actively under construction from 2012-2014 will overwhelm administrative capacity and ability to manage projects efficiently with reasonable impacts on the public. Efforts are being made to look at schedule adjustments that provide for better project management and use of resources.

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 yet to come in sometime later in 2012.

Bidding, constructing and closing out so many projects at the same time to meet a milestone schedule that was completed before significant project design, requires administrative and technical resources to be stretched, and project management is more difficult than if the schedule were driven by technical and best management approaches. Impacts of the large number of projects under construction on local traffic and neighborhoods are also a serious concern. The City/Parish and CH2M HILL are evaluating strategies to manage the potential impacts as more projects are bid and contractor bonding capacity may be exceeded. The City/Parish is

working hard to keep projects on schedule and to maintain the financing plan in spite of significant impacts from previous hurricanes and US and regional economic conditions. It is possible that these conditions may potentially impact projects in the future.

The City/Parish continues documenting the impact of force majeure events that have affected the Baton Rouge Area (including Hurricanes like Katrina, Rita, and Gustav, the Gulf of Mexico oil spill, Mississippi River flood, Tropical Storm Lee, or other extreme storm events). The Consent Decree schedule is very demanding and the time lost in the past years from these events has affected the critical early planning stages of the program. The City/Parish considers that it is important to keep track of these events in regards to their potential affect on schedule and compliance, and also their affect 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, with the intent that this documentation may be used to support a request for time extension at some later date for some projects if it is deemed necessary.

The City/Parish has also voluntarily begun aggressively implementing several projects outside of the scope of the Consent Decree RMAP2 requirements which will have significant benefits to those living and working throughout the City/Parish at their additional expense. Many of the projects are being undertaken solely to improve the operation and maintenance of the wastewater collection system and treatment facilities which should further help reduce SSO risk throughout the City/Parish. Some of these projects are as follows:

- **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.

Status: Generator purchasing began in 2010, and generator installation began in 2011. Program will continue for the duration of SSO Program.

- **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.

Status: SCADA project is currently under design and will advertise for construction in 2nd quarter 2012. Project will continue for the duration of SSO Program.

- **Choctaw 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 at the South WWTP Maintenance/Lab/Control Room..

○ **Status:** Project is currently under design. This project will begin construction in 2013.

- **North Wastewater Treatment Plant Odor Control Project** - the North WWTP Odor Control Project is designed to minimize odors from the WWTP headworks building

- **Status:** Project is complete.
- **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.
 - **Status:** Project is complete.

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 plans to regularly document all RMAP2 project changes (scope changes, project additions, project deletions, and schedule changes) in the Quarterly and Annual EPA Reports.

During the last two quarters of 2009, the RMAP2 projects were being re-evaluated as a part of the Program Delivery Plan Update (2009 PDP Update), and as a result some projects were depicted differently in the tables below. Several construction sequencing issues were discovered, resulting in the combining of several capacity improvement projects to minimize these issues. In addition, several rehabilitation projects have been split up for ease of management and execution of the design and construction work associated with the rehabilitation projects. Also, some project names have been altered so that the commonly used names of the projects are utilized from here forward. There are two capacity projects [Airline Highway – Jefferson Highway and Staring Lane FM B – PS58 Improvements (Highland to Perkins)] whose milestone dates are adversely affected as a result of these project changes. The Airline Highway – Jefferson Highway project was combined with 2 other projects who both had later milestone dates, so it was determined that the later milestone date would be used for the merged project. The City/Parish has already completed several projects ahead of schedule, and it is anticipated that several additional projects will be positively impacted by these modifications and completed ahead of their milestone schedules. Please note that even though the execution and naming of some of these projects has changed that overall no scope of the RMAP2 has been removed or deleted. The RMAP2 project modifications depicted in the tables below have been approved by the City/Parish so they have been incorporated into this and all other upcoming Quarterly and Annual EPA Reports and those that follow. See the notes in the “Project Status Summary” columns in Tables 4, 5, and 6 for more details.

The 2010 Annual PDP update was completed and all changes approved by the City/Parish for the year ending in 2010. So far, several upcoming projects in 2011 have had minor scope changes due to technical issues, such as re-routing of gravity sewers or forcemains to avoid other utilities or land issues. In addition, there are several projects that have been split up for ease of construction management, and also to help shorten construction durations so that the EPA milestone schedules will be easier to achieve. All changes are reflected in the notes in the “Project Status Summary” columns in Tables 4, 5, and 6.

The 2011 Annual PDP update has been completed and approved by the City/Parish for the year ending in 2011. There have been only minor changes incorporated in the latest version of the report. These changes are due to projects that have been split up for ease of construction management, and also to help shorten construction durations so that the EPA milestone schedules will be easier to achieve. All changes are reflected in the notes in the “Project Status Summary” columns in Tables 4, 5, and 6.

As noted in Table 1, the City/Parish submitted a request for time extension for the RMAP2 projects listed below. The City/Parish has begun incorporating minor schedule modifications in order to take into account some of the proposed changes included in the request for time extension in anticipation of its approval.

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

Category 1: Comprehensive Sewer Basin Rehabilitation

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

Table 4 presents the Category 1 comprehensive rehabilitation sub-basin projects and anticipated delivery milestone schedules. Project status summaries are provided for those projects already underway, current through March 31, 2012.

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				
EPA Consent Decree RMAP2 Milestones for Category 1 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
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	✓			Now called "Staring Lane – Boone Drive Area Rehabilitation Project". Project completed – 2 nd quarter 2010.
Gardere Lane - Burbank Road	✓			Now called "Burbank Drive – Gardere Lane Area Rehabilitation Project". Project completed – 4 th quarter 2010.
Oak Villa Blvd - Choctaw Street	✓			Now called "Oak Villa – Choctaw Street Area Rehabilitation Project". Waiting on contract close-out paperwork. Project completed – 3 rd quarter 2011.
Scotland Avenue - Progress Road	✓			Now called "Scotland Avenue – Progress Road Area Rehabilitation Project". Project completed – 2 nd quarter 2011.
Elm Grove Garden Road - Harding Blvd	✓			Now called "Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project". Waiting on contract close-out paperwork. Project completed – 3 rd quarter 2011.
Sharp Road - Florida Blvd	✓			Now called "Sharp Road – Florida Boulevard Area Rehabilitation Project". Construction approximately 78% complete and on-going.
Kenilworth Blvd - Boone Drive	✓			Now called "Kenilworth Boulevard – Boone Drive Area Rehabilitation Project". Construction approximately 80% complete and on-going.
Foster Drive - Government Street	✓			Project split into 2 phases for ease of management during construction. Overall scope the same. Now called "Phase A Foster Drive – Government Street Area Rehabilitation Project, and Phase B Foster Drive – Government Street Area Rehabilitation Project". Phase A –Additional repairs were added to the contract. Waiting on contract close-out paperwork. Project completed – 4 th quarter 2011. Phase B –Construction approximately 77%

TABLE 4

EPA Consent Decree RMAP2 Milestones for Category 1 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
				complete and on-going.
Silverleaf Road - Ford Street	✓			Now called "Silverleaf Road – Ford Street Area Rehabilitation Project". Construction approximately 35% complete and on-going.
Brookstown Road - Evangeline Street	✓			Project split up into 2 phases for ease of management. Overall scope the same. Now called "Brookstown Road - Evangeline Street Phase I Area Rehabilitation Project" and "Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project". Phase I –Construction approximately 42% complete and on-going. Phase II – Construction approximately 19% complete and on-going.
Bluebonnet Blvd - Jefferson Hwy		✓		Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project" and "Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project". Phase I –Construction approximately 19% complete and on-going. Phase II –Construction approximately 16% complete and on-going.
Highland Road - Washington Street	✓			Now called "Highland Road – Washington Street Area Rehabilitation Project". Advertisement for bids completed. Construction NTP issued. Construction approximately 5% complete and on-going.
Stanford Avenue - Morning Glory Road	✓			Now called "Stanford Avenue – Morning Glory Road Area Rehabilitation Project". Construction approximately 30% complete and on-going.
Airline Highway - Goodwood Blvd		✓		Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project" and "Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project". Phase I –Final design completed. Advertisement for bids for construction expected to be underway early 2 nd quarter 2012. Phase II –Design NTP issued. Survey completed. 90% design submitted and reviewed. Final design expected to be submitted and reviewed 2 nd quarter 2012. Design on-going.
Acadian Thruway - Claycut Road	✓			Now called "Acadian Thruway – Claycut Road Area Rehabilitation Project". Construction NTP issued. Construction approximately 5% complete and on-going.
Acadian Thruway - Perkins Road	✓			Now called "Acadian Thruway – Perkins Road Area Rehabilitation Project". Construction NTP issued.

TABLE 4				
EPA Consent Decree RMAP2 Milestones for Category 1 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions	RMAP2 Projects			
				Construction approximately 5% complete and on-going.
Antioch Road - Chadsford Drive		✓		Now called "Antioch Road – Chadsford Drive Area Rehabilitation Project". Physical inspection complete. Survey approximately 75%. Data analysis and report submitted and under review. Design NTP issued. Design expected to be underway early 3 rd quarter 2012.
Jones Creek Road - Tiger Bend Road		✓		Now call "Jones Creek Road – Tiger Bend Road Area Rehabilitation Project". Physical inspection complete. Data analysis and report review underway. Design NTP expected early 2 nd quarter 2012.
Scenic Highway - Spanish Town Road			✓	Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project" and "Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project". Phase I – Project not started yet. Phase II – Project not started yet.
Siegen Lane - Interstate 10		✓		Now called "Siegen Lane – Interstate 10 Area Rehabilitation Project". Project not started yet.
Interstate 110 - Hollywood Street		✓		Now called "Interstate 110 – Hollywood Street Area Rehabilitation Project". Project not started yet.
Ardenwood Drive - Winbourne Street			✓	Now called "Ardenwood Drive – Winbourne Street Area Rehabilitation Project". Project not started yet.
Flannery Road - Florida Blvd			✓	Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Flannery Road – Florida Boulevard Area – Phase I Rehabilitation Project" and "Flannery Road – Florida Boulevard Area – Phase II Rehabilitation Project" Phase I – Project not started yet. Phase II – Project not started yet.
East Boulevard - Government Street			✓	Now called "East Boulevard – Government Street Area Rehabilitation Project". Project not started yet.
North 38th Street - Gus Young Avenue			✓	Now called "North 38 th Street – Gus Young Avenue Area Rehabilitation Project". Project not started yet.

Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity trunk sewers, pump stations, and transmission mains in order to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 5 presents a list of Category 2 projects with corresponding milestone schedules. Project status summaries are provided for those projects already underway, current through March 31, 2012.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Capitol Lake Drive - Gayosa Street	✓			Now called "Capitol Lake – Gayosa Street Area Capacity Improvements". A portion of 25 th and North Acadian Thruway Project is included in this project to eliminate construction conflicts. Construction approximately 97% complete and on-going.
Gurney Road - Joor Road	✓			Project completed – 4th quarter 2009.
Multiple Pump Stations - Lovett Road Area	✓			Also called "Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades". Project completed – 1st quarter 2011.
Comite Road - Foster Road	✓			Now called "Comite Road – Foster Road Sewer Area Upgrades - Phase I". Phase I – Project completed – 2nd quarter 2010. Note that there is a "Comite –Foster Road Sewer Area Upgrades - Phase II". Project completed – 1st quarter 2011.
Foster Road - Hooper Road	✓			Now called "Foster Road – Hooper Road Sewer Area Upgrade". Project completed – 4th quarter 2010.

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Zachary Area Transmission Network Improvements		✓		<p>Project has been split up into 4 phases for ease of execution (Previously called Red Mud Lakes and Hwy 61 Zachary/Baker). Now called "Zachary Area Transmission Network Improvements: Phase I - 3 Pump Stations and Equalization Basin, Phase II – Red Mud Lakes Forcemain to NWWTP, Phase III – Forcemain to Highway 964 to Red Mud Lakes, Phase IV – Zachary Improvements".</p> <p>Phase I – Construction approximately 61% complete and on-going.</p> <p>Phase II – Advertisement for bids underway. Construction NTP expected to be issued late 2nd quarter 2012.</p> <p>Phase III – Contractor having difficulty with pipe delivery of large diameter ductile iron pipe, however project still on schedule. Construction approximately 1% complete and on-going.</p> <p>Phase IV – Construction punch list work underway. Project completed – 1st quarter 2012.</p>
South Boulevard - St. Joseph Street	✓			<p>Now called "South Boulevard – St. Joseph Street Sewer Area Upgrades". Note that a portion of the 25th and North Acadian Thruway Project is included in this project to eliminate construction conflicts. Construction punch-list work underway. Construction approximately 91% complete and on-going.</p>
Downtown Area - PS59 Improvements	✓			<p>Now called "Downtown Area Pump Station Improvements". Project merged with Downtown Area PS15, PS19, and PS60 Improvements. Significant scope addition to project during design. Construction approximately 81% complete and on-going.</p>
Downtown Area - PS15, PS19 & PS60 Improvements	✓			<p>Now called "Downtown Area Pump Station Improvements". Project merged with Downtown Area PS59 Improvements. Significant scope addition to project during design. Construction approximately 81% complete and on-going.</p>
Highland Road - Buchanan Street	✓			<p>Now called "Highland Road – Buchanan Street Sewer Area Upgrades". Project completed - 4th quarter 2011.</p>
Citiplace/Essen Area - PS119 & Forcemain Improvements	✓			<p>Construction punch-list work underway. Construction approximately 90% complete and on-going.</p>
North Capacity Group 1A - Veterans Memorial Parkway - Gravity Mains		✓		<p>Now called "Group Project 1A (Metro Airport Sewer Upgrades)". Construction approximately 20% complete and on-going.</p>

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
North Capacity Group 1B - Veterans Memorial Parkway - PS and FM		✓		Also called "Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)". Project has experienced minor delays due to PS relocation and now delays due to land acquisition issues (lot of land with title issues). The City/Parish will take necessary steps in cooperation with the contractor to meet the planned completion date. Land acquisition underway. Advertisement for bidding expected to begin early 2 nd quarter 2012.
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		Construction approximately 19% complete and on-going.
Group 2 - Small Pump Stations	✓			Now called "Group Project 2 (Old Perkins – Highland Road Area Upgrades)". Construction approximately 98% completed and on-going.
Highland Road - Burbank Drive	✓			Now called "Highland Road – Burbank Drive Capacity Improvements". Land acquisition underway. Project has experienced minor delays at this time due to utility relocation and land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Contractor considering bringing in more crews. Construction is approximately 12% complete and on-going.
Nicholson Dr - Highland Rd - Perkins Rd		✓		Now called "Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A" and "Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B". Note that a portion of this project (25%) has been separated out into phase A for early construction to eliminate conflicts with a nearby development. Phase A – Project completed - 1st quarter 2012. Phase B – Final design submitted. Advertisement for bids expected to be underway 3 rd quarter 2012. LSU portion of project to be moved into the Multiple PS – Nicholson – Brightside Project due to land acquisition delays with LSU.
Perkins Road - Dahlia Street		✓		Now called "Bayou Duplantier Area Sewer Upgrades". Land acquisition on-going. Advertisement for bids underway. Construction NTP expected early 2 nd quarter 2012.

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
25th Street - North Acadian Thruway	✓			Final design submitted and reviewed. NOTE: Portions of this project to be bid with both the Capital Lake – Gayosa Drive Project, and the South Blvd. – St. Joseph Street Project to eliminate construction conflicts. Since design of 25 th – North Acadian Thruway is completed and construction work was combined with these two separate projects, this project has been closed. Please see status construction updates for the two projects mentioned above.
Government St - South Acadian Thruway		✓		Land acquisition on-going. Advertisement for bids expected to be underway 3 rd quarter 2012.
Plank Road - Kleinpeter Road		✓		Now called "Plank Road – Kleinpeter Road Sewer Area Upgrades". Project has experienced minor delays at this time due to construction conflicts with PS 45 and land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Land acquisition underway. Advertisement for bidding expected to be underway 3 rd quarter 2012.underway.
O'Neal Lane - Jones Creek Road		✓		Now called "O'Neal Lane Pipeline Improvements – A" and "O'Neal Lane Pipeline Improvements – B". Project originally merged with O'Neal Lane – Tiger Bend Road project for ease of management and limit construction disruption in the area; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules. Phase A - 90% design submitted and under review. Final design expected to be submitted and reviewed 2 nd quarter 2012. Design on-going. Phase B - 90% design submitted and under review. Final design expected to be submitted and reviewed 2 nd quarter 2012. Design on-going.

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
O'Neal Lane - Tiger Bend Road		✓		<p>Now called "O'Neal Lane Pipeline Improvements – A" and "O'Neal Lane Pipeline Improvements – B". Now called "O'Neal Lane Pipeline Improvements". Project merged with O'Neal Lane – Jones Creek Road project for ease of management and limit construction disruption in the area; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules.</p> <p>Phase A - 90% design submitted and under review. Final design expected to be submitted and reviewed 2nd quarter 2012. Design on-going.</p> <p>Phase B - 90% design submitted and under review. Final design expected to be submitted and reviewed 2nd quarter 2012. Design on-going.</p>
Multiple PS - Nicholson Dr - Brightside Dr		✓		<p>Final design submitted. Design on-going. Project has experienced minor delays at this time due to construction sequencing and LSU land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Advertisement for bids expected to begin 2nd quarter 2012.</p>
PS 58A Overflow Pump Station		✓		<p>Now called "Pump Station 58 Capacity Improvements". Final design submitted and reviewed. There have been issues with obtaining LSU land which have caused minor delays. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. . Advertisement for bidding underway. Construction NTP expected 3rd quarter 2012.</p>
Staring Lane FM A - Burbank to Highland	✓			<p>Now called "Staring Lane FM (Phase I - Burbank Drive to Highland Road)". Constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area. Project completed – 2nd quarter 2010.</p>

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Staring Lane FM B – PS58 Improvements (Highland to Perkins)	✓			Now called “Staring Lane FM (Phase II - Highland road to Perkins Road)”. Project projecting to be delayed at this time, though the City/Parish is working with the contractor to minimize the delay. Project is to be constructed with City’s Green Light Program project to eliminate potential constructability issues arising in that area which is the main cause of the delay. The anticipated construction completion date is 3 rd quarter 2013. There have been issues with utility relocation during construction phase. Construction approximately 3% complete and on-going.
Staring Lane FM C - Perkins to PS 58		✓		Now called “Staring Lane FM (Phase III - Perkins to PS58)”. Construction NTP issued. Construction approximately 2% complete and on-going.
Multiple PS - Jefferson Hwy - Park Forest Dr		✓		Construction approximately 60% complete and on-going.
Airline Highway - Jefferson Highway		✓		Now called “Airline Highway Pipeline Improvements”. Project merged with both the Essen Lane – Interstate 12 project and the Airline Highway – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Project has experienced minor delays at this time due to land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Final design expected to be submitted 2 nd quarter 2012. Design on-going.
Essen Lane - Interstate 12			✓	Now called “Airline Highway Pipeline Improvements”. Project merged with both the Airline Highway – Jefferson Highway project and Airline Highway – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Project has experienced minor delays at this time due to land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Final design expected to be submitted 2 nd quarter 2012. Design on-going.
Multiple PS - Highland Road - Kenilworth Parkway			✓	90% design submitted and under review. Final design expected to be submitted 3 rd quarter 2012. Design on-going.

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Multiple PS - Florida Blvd - Sherwood Forest Blvd			✓	Now called "Florida Boulevard Pump Station Improvements". Project merged with Airline/Florida Boulevard Area – PS30 Improvements & New PS project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 2 nd quarter 2012. Design on-going.
Multiple PS - Plank Road - Thomas Road			✓	Now called "Plank Road PS Improvements". Project merged with Multiple PS – Plank Road – Harding Boulevard project for ease of management and to eliminate construction sequencing issues. Design consultant selected. Design NTP expected 2 nd quarter 2012.
Multiple PS - Plank Road - Harding Boulevard			✓	Now called "Plank Road PS Improvements". Project merged with Multiple PS – Plank Road – Thomas Road project for ease of management and to eliminate construction sequencing issues Design consultant selected. Design NTP expected 2 nd quarter 2012.
Multiple PS - Highway 61 - Plank Road			✓	Project definition underway. Design consultant selected, Design NTP expected to be issued 2 nd quarter 2012.
Multiple PS - Jones Creek Rd - Tiger Bend Rd			✓	Project now split into 2 projects for ease of construction. Now called "O'Neal Lane Pump Station A" and "O'Neal Lane Pump Station B". Was previously called "O'Neal Lane Pump Station Improvements" which was a project that was created from merging 3 projects that included this project and both the Multiple PS – O'Neal Ln – S. Harrells Ferry Rd project and the Multiple PS – O'Neal Ln. – Interstate 10 project for ease of management and to eliminate construction sequencing issues. O'Neal Lane Pump Station A - 60% design expected to be submitted 2 nd quarter 2012. Design on-going. O'Neal Lane Pump Station B - 60% design expected to be submitted 2 nd quarter 2012. Design on-going.
Airline Highway - Interstate 12			✓	Now called "Airline Highway Pipeline Improvements". Project merged with both the Airline Highway – Jefferson Highway project and the Essen Lane – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Project has experienced minor delays at this time due to land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Final design expected to be submitted 2 nd quarter 2012. Design on-going.

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Florida Boulevard - Sherwood Forest Boulevard			✓	Now called "Sherwood Forest Blvd – Goodwood Blvd Pipeline Projects". Project merged with Florida Boulevard - Sherwood Forest Boulevard project for ease of management and to eliminate construction sequencing issues. 15% design reviewed. 30% design expected to be submitted 2 nd quarter 2012. Design on-going.
Goodwood Boulevard - South Flannery Road			✓	Now called "Sherwood Forest Blvd – Goodwood Blvd Pipeline Projects". Project merged with Goodwood Boulevard – South Flannery Road project for ease of management and to eliminate construction sequencing issues. 15% design reviewed. 30% design expected to be submitted 2 nd quarter 2012. Design on-going.
Joor Road - Greenwell Springs Road			✓	15% design submitted and reviewed. 30% design expected to be submitted 2 nd quarter 2012. Design on-going.
Plank Road - Port Hudson Pride Road			✓	Project definition underway. Design consultant selected. Design NTP expected 2 nd quarter 2012.
Essen Lane - Highland Road			✓	Project now split into 2 projects for ease of construction. Now called "Highland Road Pipeline Improvements - A" and "Highland Road Pipeline Improvements – B". Project originally merged with Highland Road – Lee Drive project for ease of management and to eliminate construction sequencing issues; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules. Highland Road Pipeline Improvements –A - 30% design submitted and reviewed. 60% design expected to be submitted 2 nd quarter 2012. Design on-going. Highland Road Pipeline Improvements – B - 30% design submitted and reviewed. 60% design expected to be submitted 2 nd quarter 2012. Design on-going.
Oak Villa Boulevard - Monterey Boulevard			✓	Project definition completed. Design NTP issued. 15% design expected to be submitted 2 nd quarter 2012. Design on-going.

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Lovett Road - Greenwell Springs Road			✓	<p>Now called "Lovett Road – Greenwell Springs – A" and "Lovett Road – Greenwell Springs B". This project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules..</p> <p>Lovett Road – Greenwell Springs – A - 60% design review underway. 90% design expected to be submitted 2nd quarter 2012. Design on-going.</p> <p>Lovett Road - Greenwell Springs – B - 30% design submitted and reviewed. 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p>
Highland Road - Lee Drive			✓	<p>Project now split into 2 projects for ease of construction. Now called "Highland Road Pipeline Improvements - A" and "Highland Road Pipeline Improvements – B". Project originally merged with Highland Road – Lee Drive project for ease of management and to eliminate construction sequencing issues; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules..</p> <p>Highland Road Pipeline Improvements –A - 30% design submitted and reviewed. 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p> <p>Highland Road Pipeline Improvements – B - 30% design submitted and reviewed. 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p>
Multiple PS - Hooper Rd - Greenwell Springs Rd			✓	<p>Now called "Hooper Road PS Improvements". Project merged with Multiple Booster PS – Hooper Rd – Lovett Rd project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p>
Multiple Booster PS - Hooper Rd - Lovett Rd			✓	<p>Now called "Hooper Road PS Improvements". Project merged with Multiple PS – Hooper Rd – Greenwell Springs Road project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p>
Multiple PS - Prescott Rd - Greenwell Springs Rd			✓	<p>Project definition development underway. Design consultant selection and design NTP expected 2nd quarter 2012. Design on-going.</p>

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Multiple PS - O'Neal Ln – Interstate 10			✓	<p>Project now split into 2 projects for ease of construction. Now called "O'Neal Lane Pump Station A" and "O'Neal Lane Pump Station B". Was previously called "O'Neal Lane Pump Station Improvements" which was a project that was created from merging 3 projects that included this project and both the Multiple PS – O'Neal Ln – S. Harrells Ferry Rd project and the Multiple PS – O'Neal Ln. – Interstate 10 project for ease of management and to eliminate construction sequencing issues.</p> <p>O'Neal Lane Pump Station A - 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p> <p>O'Neal Lane Pump Station B - 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p>
Multiple PS - O'Neal Ln - S. Harrells Ferry Rd			✓	<p>Project now split into 2 projects for ease of construction. Now called "O'Neal Lane Pump Station A" and "O'Neal Lane Pump Station B". Was previously called "O'Neal Lane Pump Station Improvements" which was a project that was created from merging 3 projects that included this project and both the Multiple PS – O'Neal Ln – S. Harrells Ferry Rd project and the Multiple PS – O'Neal Ln. – Interstate 10 project for ease of management and to eliminate construction sequencing issues.</p> <p>O'Neal Lane Pump Station A - 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p> <p>O'Neal Lane Pump Station B - 60% design expected to be submitted 2nd quarter 2012. Design on-going.</p>
Airline/Florida Boulevard Area - PS30 Improvements & New PS			✓	<p>Now called "Florida Boulevard Pump Station Projects". Project merged with Multiple PS - Florida Blvd - Sherwood Forest Blvd project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 2nd quarter 2012. Design on-going</p>
Multiple PS - Burbank Drive - Siegen Lane			✓	<p>15% design submitted and reviewed. 30% design expected to be submitted 2nd quarter 2012. Design on-going.</p>
Central Consolidation - Central PS42		✓		<p>Now called "Pump Station 42". Advertisement for bids underway. Construction NTP expected 2nd quarter 2012.</p>

TABLE 5

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Central Consolidation - Central PS42 FM		✓		<p>Now called "Pump Station 42 Forcemain – Phase I" and "Pump Station 42 Forcemain – Phase II". Project divided into 2 projects for ease of management during construction, and so that the downstream south collection system interrelated projects won't be impacted by LSU land acquisition/construction issues.</p> <p>Phase I - Construction contractor selected. Land acquisition underway. Construction NTP expected early 2nd quarter 2012.</p> <p>Phase II –Additional scope added to project (FM from PS1). Land acquisition underway. Waiting on LSU. Advertisement for bids underway. Construction NTP expected 2nd quarter 2012.</p>
Central Consolidation Eastside PS's - PS 2, 3, 4, 5, 6, 7, & 10		✓		<p>Now called "Central Consolidated Pump Stations". Final design submitted and under review. Construction contractor selected. Land acquisition underway. Construction NTP issued. Construction approximately 1% complete and on-going.</p>
Central Consolidation Eastside FM's - FM from PS 2, 3, 7, 10, & 5		✓		<p>Now called "Central Consolidated FM – Phase I and Central Consolidated FM – Phase 2". Project divided into 2 projects for ease of management and to minimize impact to businesses during construction.</p> <p>Phase I - Advertisement for bids and land acquisition underway. Construction NTP issued. Construction on-going.</p> <p>Phase 2 - Advertisement for bids and land acquisition underway. Construction NTP expected 2nd quarter 2012.</p>

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 March 31, 2012.

TABLE 6				
EPA Consent Decree RMAP Milestones for Category 3 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Choctaw Storage, PS 52A, PS 51A, PS 51AA, & FMs, & Return Pipe	✓			Also called "Choctaw Storage and Pump Station Facility". Project has experienced minor delays in processing contracts and is projected to be delayed at this time. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. At this time the construction contractor is projecting the project to be functionally complete prior to the EPA milestone deadline. Construction approximately 27% complete and on-going.
Hooper Storage	✓			The project has been delayed due to concerns of the residents in this North area of the City/Parish, which resulted in choosing a new location on the BTR Regional Airport land. This land acquisition issue has resulted in significant delays resulting in

TABLE 6				
EPA Consent Decree RMAP Milestones for Category 3 Projects				
All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
				revised design contracts. Location has changed 3 times due to these unforeseen circumstances beyond control of the City/Parish. The anticipated completion of construction is 2 nd quarter 2014. The City/Parish is making every effort to expedite the re-design and construction. The City/Parish is currently, negotiating a design supplement with the design consultant. Final design submitted. Advertisement for bids expected to be underway 2 nd quarter 2012.
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.
South WWTP - Phase 1		✓		Also called "SWWTP Wet Weather Improvements - Phase I". Construction is approximately 79% complete and is on-going.
South WWTP - Phase 2			✓	Also called "SWWTP Wet Weather Improvements - Phase II". Construction NTP issued. Construction is approximately 6% complete and is on-going.

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 March 31, 2012 the following outreach and public awareness activities took place:

January 2012

January 3, 2012: Metro Council District 1 Meeting was held at the Zachary Policy Training Center with twelve residents in the district. The SSO Program representative presented information about current SSO Projects in the area, explained the essential differences between capacity and rehabilitation projects, and what to expect during construction. The positive effects of projects in the community were also discussed in terms of growth, environmental, and health benefits.

January 10, 2012: Beauregard Town Civic Association Meeting was held at the Old Governor's Mansion with approximately 25 residents. Attendees were concerned about SSO Construction projects that warranted street closures. A SSO Program Construction Manager answered all resident's questions about projects, duration, restoration and importance on safety. Residents were provided handouts/fact sheets on Smoke Testing, CIPP, CCTV, how to prevent SSOs, and reporting SSOs.

February 2012

February 7, 2012: Metro Council District 1 Community Meeting was held at the Baker Civic Center with approximately 15 residents from the area. SSO Program representative informed the meeting attendees of the 45-day public comment period for the Consent Decree extension and what the benefits of the potential extension would be to the public. Current projects in the area were discussed, as well as the positive effects of projects in terms of growth, environmental, and health benefits.

March 2012

March 5, 2012: Victoria Farms Civic Association Meeting was held at Elm Grove Baptist Church for approximately 15 residents. Group Project 1A (Veterans Parkway -Gravity Mains) was discussed and project maps were handed out. The SSO Program representative informed the meeting attendees about the lay down yard (construction staging area) near the community, and explained the upcoming construction in the area that would affect the surrounding neighborhood. Residents were concerned about heavy construction traffic in the area. The SSO Program Representative informed residents that the construction contractor's hours of operation, when the heaviest traffic would be, and what the benefits of the entire project will be for the residents when finished.

March 13, 2012: Councilman Mike Walker met at the SSO Program office to discuss the status of the entire program. Councilman Walker was interested in learning more about the SSO Program, specifically: Purpose,

Program Vision, Critical Success Factors, Program Management Team, Status of the Program, Health and Safety, Local Business Partnerships, Training, Community Investment, and Public Outreach.

March 26, 2012: Cedar Pointe Community Meeting was held at the Guisinger Administration Building in Metro Council District 5 to approximately 15 people. The SSO Program representative provided information about the status of the Program, and specifically discussed the details of the projects located in District 5. The positive effects of projects in the community were discussed, in terms of growth, environmental, and health benefits.

Baton Rouge 2002 Consent Decree Quarterly Report
Summary of Activity Totals
January 1 - March 31, 2012

Summary of Activities	1st Quarter (40)		2nd Quarter (41)		3rd Quarter (42)		4th Quarter (43)		Totals		
	40th Quarterly Total	Cum. % Complete	41th Quarterly Total	Cum. % Complete	42th Quarterly Total	Cum. % Complete	43th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)											
Lines Cleaned (ft)	139,986	25%	0	25%	0	25%	0	25%	139,986	25%	570,000
CCTV Inspected (ft)	28,072	5%	0	5%	0	5%	0	5%	28,072	5%	570,000
Smoke Tested (ft)	9,030		0		0		0		9,030		----
Smoke Tested (no. of locations)	2		0		0		0		2		----
Dye Water Flooded (no. of locations)	2		0		0		0		2		----
Manholes Inspected (no.)	43	2%	0	2%	0	2%	0	2%	43	2%	2,500
Lines Repaired (no.)	1,883		0		0		0		1,883		----
MH Rehabbed (no.)	265		0		0		0		265		----
Force Mains (240 miles)											
Visual Surface Inspection (miles)	44	37%	0.0	37%	0.0	37%	0.0	37%	43.8	37%	120
Repaired (no.)	9		0		0		0		9		----
Air Release Valves (604)											
Inspected/Maintained	219	23%	0	23%	0	23%	0	23%	219	23%	960 to 1,200
Repaired (no.)	50		0		0		0		50		----
Pump & Lift Stations (421)											
Inspections (no.)	18,252	40%	0	40%	0	40%	0	40%	18,252	40%	45,136
Wet wells cleaned	106		0		0		0		106		----
Repaired (no.)	17		0		0		0		17		----
Peak Flow Storage Facilities (2)											
Little Peak site visits	39	38%	0	38%	0	38%	0	38%	39	38%	104
Big Peak site visits	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
January 1 - March 31, 2012

North Plant- LA0036439

Summary of Activities	1st Quarter (EPA Report No. 40)							Cum. Annual Total	
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total		*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			
Gravity Collection System (2,460,000ft/10,640MH)									
Lines Cleaned (ft)		41,750				4,981	46,731	8%	46,731
CCTV Inspected (ft)						4,981	4,981	1%	4,981
Smoke Tested (ft)					562		562		562
Smoke Tested (no. of locations)					0		0		0
Dye Water Flooded (no. of locations)					0		0		0
Manholes Inspected (no.)					5		5	0%	5
Lines Repaired (no.)		37				708	745		745
MH Rehabbed (no.)		7				24	31		31
Force Mains (120 miles)									
Visual Surface Inspection (miles)			30.2				30.2	25%	30
Repaired (no.)		1					1		1
Air Release Valves (335)									
Inspected/Maintained			151				151	16%	151
Repaired (no.)				33			33		33
Pump & Lift Stations (141)									
Inspections (no.)			6,084.0				6,084	13%	6,084
Wet wells cleaned			58				58		58
Repaired (no.)				11			11		11

Rout.-Routine Maintenance
 Corr.-Corrective Maintenance

Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
January 1 - March 31, 2012

Central Plant-LA0036421

Summary of Activities	1st Quarter (EPA Report No. 40)								
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	Cum. Annual Total
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			
Gravity Collection System (1,410,000ft/5,760MH)									
Lines Cleaned (ft)		13,500				9,491	22,991	4%	22,991
CCTV Inspected (ft)						12,577	12,577	2%	12,577
Smoke Tested (ft)					3,688		3,688		3,688
Smoke Tested (no. of locations)					2		2		2
Dye Water Flooded (no. of locations)					2		2		2
Manholes Inspected (no.)					20		20	1%	20
Lines Repaired (no.)		31				335	366		366
MH Rehabbed (no.)		3				52	55		55
Force Mains (10 miles)									
Visual Surface Inspection (miles)			0.8				0.8	1%	0.8
Repaired (no.)		0					0		0
Air Release Valves (18)									
Inspected/Maintained			4				4	0%	4
Repaired (no.)				0			0		0
Pump & Lift Stations (21)									
Inspections (no.)			858				858	2%	858
Wet wells cleaned			6				6		6
Repaired (no.)				0			0		0

Rout.-Routine Maintenance
 Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
January 1 - March 31, 2012**

South Plant-LA0036412

Summary of Activities	1st Quarter (EPA Report No. 40)						Quarterly Total	*Cum. % Complete	Cum. Annual Total
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-contr.			
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			
Gravity Collection System (4,640,000ft/21,580MH)									
Lines Cleaned (ft)		59,750				10,514	70,264	12%	70,264
CCTV Inspected (ft)						10,514	10,514	2%	10,514
Smoke Tested (ft)					4,780		4,780		4,780
Smoke Tested (no. of locations)					0		0		0
Dye Water Flooded (no. of locations)					0		0		0
Manholes Inspected (no.)					18		18	1%	18
Lines Repaired (no.)		122				650	772		772
MH Rehabbed (no.)		13				166	179		179
Force Mains (110 miles)									
Visual Surface Inspection (miles)			12.8				12.8	11%	13
Repaired (no.)		2				6.0	8		8
Air Release Valves (251)									
Inspected/Maintained			64				64	7%	64
Repaired (no.)				17			17		17
Pump & Lift Stations (259)									
Inspections (no.)			11,310				11,310	25%	11,310
Wet wells cleaned			42				42		42
Repaired (no.)				6			6		6
Peak Flow Storage Facilities (2)									
Little Peak site visits			39				39	38%	39
Big Peak site visits			39				39	38%	39

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

Table of Contents

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

Part A:
Cross Connection
Elimination Plan

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

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

Summary of Activities

No cross connections were discovered and removed during this quarter. There is no anticipated non-compliance. During the reporting period approximately 9,030 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 1/1/12 to 3/31/12. If not, see comments above.

Part B:
Preventive Maintenance
Program (PMP)

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

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

Summary of Activities

During the reporting period the City/Parish Department of Public Works staff, have followed our standard operating procedures, and continued to follow the equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Collection System Preventive Maintenance Plan. A summary of the collection system preventive maintenance activities for this reporting period is provided in the table on page B-2. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs and other facilities. Quarterly goals for specific activities identified in the Collection System Preventive Maintenance Plan were not achieved this quarter. The percentage of air release valves inspected did not reach more than the 25% 1st quarter goal; the percent inspected reached 23%. In addition, the percentage of manholes inspected did not reach the more than the 25% 1st quarter goal; the percent inspected reached 2%. 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 Jan.-March 2012	Cumulative 2012 Annual Total	2012 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	139,986	139,986	570,000
CCTV Inspected (ft)	28,072	28,072	570,000
Smoke Tested (ft)	9,030	9,030	----
Smoke Tested (no. of locations)	2	2	----
Dye Water Flooded (no. of locations)	2	2	----
Manholes Inspected (no.)	43	43	2,500
Lines Repaired (no.)	1,883	1,883	----
MH Rehabbed (no.)	265	265	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	44	6,097.6	120
Repaired (no.)	9	9	----
Air Release Valves (604)			
Inspected / Maintained	219	219	960 to 1,200
Repaired (no.)	50	50	----
Pump & Lift Stations (421)			
Inspections (no.)	18,252	18,252	45,136
Wet wells cleaned	106	106	----
Repaired (no.)	17	17	----
Peak Flow Storage Facilities (2)			
Little Peak site visits	39	39	104
Big Peak site visits	39	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 1/1/12 to 3/31/12. If not, see comments above.

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

North Plant (LA0036439 AI# 4843)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jan. – March 2012</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	4,981	41,750	46,731
CCTV Inspected (ft)	4,981	0	4,981
Smoke Tested (ft)	562	0	562
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	5	0	5
Lines Repaired (no.)	708	37	745
MH Rehabbed (no.)	24	7	31
Force Mains (120 miles)			
Visual Surface Inspection (miles)	30	0.0	30.2
Repaired (no.)	0	1	1
Air Release Valves (335)			
Inspected / Maintained	151	0	151
Repaired (no.)	0	33	33
Pump & Lift Stations (141)			
Inspections (no.)	6,084	0	6,084
Wet wells cleaned	58	0	58
Repaired (no.)	0	11	11

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

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

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

Central Plant (LA0036421 AI# 4842)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jan. – March 2012</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	9,491	13,500	22,991
CCTV Inspected (ft)	12,577	0	12,577
Smoke Tested (ft)	3,688	0	3,688
Smoke Tested (no. of locations)	2	0	2
Dye Water Flooded (no. of locations)	2	0	2
Manholes Inspected (no.)	20	0	20
Lines Repaired (no.)	335	31	366
MH Rehabbed (no.)	52	3	55
Force Mains (10 miles)			
Visual Surface Inspection (miles)	0.8	0.0	0.8
Repaired (no.)	0	0	0
Air Release Valves (18)			
Inspected / Maintained	4	0	4
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	858	0	858
Wet wells cleaned	6	0	6
Repaired (no.)	0	0	0

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

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

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

South Plant (LA0036412 AI# 4841)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jan. – March 2012</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	10,514	59,750	70,264
CCTV Inspected (ft)	10,514	0	10,514
Smoke Tested (ft)	4,780	0	4,780
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	18	0	18
Lines Repaired (no.)	650	122	772
MH Rehabbed (no.)	166	13	179
Force Mains (110 miles)			
Visual Surface Inspection (miles)	12.8	0.0	12.8
Repaired (no.)	6	2	8
Air Release Valves (251)			
Inspected / Maintained	64	0	64
Repaired (no.)	0	17	17
Pump & Lift Stations (259)			
Inspections (no.)	11,310	0	11,310
Wet wells cleaned	42	0	42
Repaired (no.)	0	6	6
Peak Flow Storage Facilities (2)			
Little Peak site visits	39	0	39
Big Peak site visits	39	0	39

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 30 Sanitary Sewer Overflows (SSOs) were responded to during this reporting period. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows, including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge. There were no problems encountered in following the SSO Response Plan. 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	3
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	22
Total	30

** 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 1/1/12 to 3/31/12. 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 all unauthorized discharges discovered 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.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	3
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	22
Total	30

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

There were no unusual SSOs, but there were 4 unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. On January 18, 2012, an overflow occurred at the South Wastewater Treatment Plant. An estimated 52,887,000 gallons of wastewater received both primary and secondary treatment and an estimated 133,000 gallons received no treatment prior to spilling on to plant grounds. The overflow was caused by bar screen failure on the forcemain side of the plant due to electrical issues. The plant maintenance department replaced control wires and control relays and normal operations resumed. The Sanitary Sewer Response Plan was followed during this incident.

On February 13, 2012, a full bypass occurred at the Central Wastewater Treatment Plant for a duration of 6 hours and 45 minutes. During this time an estimated 11,300,000 gallons of wastewater received no treatment prior to being discharged into the Mississippi River. This full bypass was due to mechanical failure and high flows which caused the south bar screen to trip off. The north grit chamber could not be opened due to a broken valve. The broken valve has subsequently been repaired. Once the flow receded, normal operations were resumed. The Sanitary Sewer Response Plan was followed during this incident.

On February 18, 2012, a partial bypass occurred at the Central Wastewater Treatment Plant for a total duration of 14 hours and 45 minutes. During that time an estimated 19,910,000 gallons

Part D – Reporting of Unauthorized Discharges

received only secondary treatment with disinfection and 4,670,000 gallons received no treatment. The partial bypass was due to the north grit chamber being out of service because of a broken valve and local heavy rainfall. Once the flow receded, normal operations were resumed. The Sanitary Sewer Response Plan was followed during this incident.

On March 15, 2012, an overflow occurred at the South Wastewater Treatment Plant. During this time an estimated 34,850,000 gallons received both primary and secondary treatment and an estimated 280,000 gallons received only secondary treatment prior to overflowing onto the plant grounds. This overflow was caused when construction activities in the area broke the water line that supplies the trickling filter recirculation pumps with cooling water, causing the trickling filter pump station to shut down. Once Baton Rouge Water Company made the necessary repairs to the water line, normal plant operation resumed. The Sanitary Sewer Response Plan was followed during this incident.

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 1/1/12 to 3/31/12. If not, see comments above.



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

COEY

January 23, 2012

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

Attention: Gladys Gooden-Jackson

Re: LPDES Permit No. LA0036412 AI # 4841
Overflow

Dear Ms. Gooden-Jackson:

We had an overflow at the South Treatment Plant which occurred on January 18, 2012, from 2320 hours to 2340 hours for a total duration of 20 minutes. During this time, an estimated 53,020,000 gallons of wastewater arrived at the plant. Of this amount, an estimated 52,887,000 gallons received both primary and secondary treatments and an estimated 133,000 gallons received no treatment before overflowing onto the plant grounds.

This overflow was caused by forcemain bar screen failure due to electrical issues. The maintenance section replaced control wires & control relays and normal operations resumed. The Sanitary Sewer Response Plan was followed during the incident.

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

Sincerely yours,

William B. Daniel IV, PE
Public Works Director

WD/GD/pas

xc: Mary Roper, Parish Attorney
Garcia Dialekwa, Wastewater Treatment Plant Manager
Charles O'Brien, Wastewater Laboratory Supervisor
Hugh Taylor, Wastewater Treatment Plant Supervisor (STP)
Cheryl Berry, PE, Special Projects Engineer
Allison Ford, PE



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

COPY

February 15, 2012

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

Attention: Gladys Gooden-Jackson

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

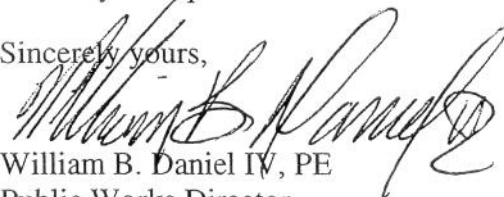
Dear Ms. Gooden-Jackson:

We had a full bypass at the Central Treatment Plant which began on February 13, 2012 at 2345 hours and continued to February 14, 2012 at 0630 hours for a total duration of 6 hours and 45 minutes. During this time, an estimated 11,300,000 gallons of wastewater arrived at the plant and received no treatment.

This full bypass was due to mechanical failure and high flows which caused the south bar screen to trip off. The north grit chamber could not be opened due to a broken valve. Once the flow receded, normal operations resumed. The plant supervisor is in the process of having the broken valve repaired. The Sanitary Sewer Response Plan was followed during the incident.

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

Sincerely yours,



William B. Daniel IV, PE
Public Works Director

WD/GD/pas

xc: Mary Roper, Parish Attorney
Garcia Dialekwa, Wastewater Treatment Plant Manager
Charles O'Brien, Wastewater Laboratory Supervisor
Walter Brock, Wastewater Treatment Plant Supervisor (CTP)
✓ Cheryl Berry, PE, Special Projects Engineer
Allison Ford, PE



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

February 23, 2012

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

Attention: Gladys Gooden-Jackson

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

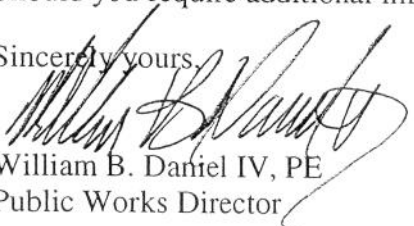
Dear Ms. Gooden-Jackson:

We had a partial full bypass at the Central Treatment Plant which occurred on February 18, 2012 at 0830 hours to 2315 hours for a total duration of 14 hours and 45 minutes. During this time, an estimated 24,580,000 gallons of wastewater arrived at the plant. Of this amount, an estimated 19,910,000 gallons received secondary treatment with disinfection and 4,670,000 gallons received no treatment.

This partial full bypass was due to the north grit chamber being out of service because of a broken valve and local heavy rainfall. Once the flow receded, normal operations resumed. The plant supervisor is in the process of having the broken valve repaired. The Sanitary Sewer Response Plan was followed during the incident.

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

Sincerely yours,


William B. Daniel IV, PE
Public Works Director

WD/GD/pas

xc: Mary Roper, Parish Attorney
Garcia Dialekwa, Wastewater Treatment Plant Manager
Charles O'Brien, Wastewater Laboratory Supervisor
Walter Brock, Wastewater Treatment Plant Supervisor (CTP)
Cheryl Berry, PE, Special Projects Engineer
Allison Ford, PE



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

March 19, 2012

COPY

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

Attention: Gladys Gooden-Jackson

Re: LPDES Permit No. LA0036412 AI # 4841
Overflow

Dear Ms. Gooden-Jackson:

We had an overflow at the South Treatment Plant which occurred on March 15, 2012, from 1435 hours to 1505 hours for a total duration of 30 minutes. During this time, an estimated 35,130,000 gallons of wastewater arrived at the plant. Of this amount, an estimated 34,850,000 gallons received both primary and secondary treatments and an estimated 280,000 gallons received only primary treatment before overflowing onto the plant grounds.

This overflow was due to construction activities which broke a water line that supplies the recirculation pump station for cooling. The Baton Rouge Water Company was called out to repair the water line and normal operations resumed. The Sanitary Sewer Response Plan was followed during the incident.

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

Sincerely yours,

William B. Daniel IV, PE
Public Works Director

WD/GD/pas

xc: Mary Roper, Parish Attorney
Garcia Dialekwa, Wastewater Treatment Plant Manager
Charles O'Brien, Wastewater Laboratory Supervisor
Hugh Taylor, Wastewater Treatment Plant Supervisor (STP)
Cheryl Berry, PE, Special Projects Engineer
L Harrison Ford, PE

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

NORTH Sewer District Collection System LPDES LA0036439A# 4843
01/01/2012 To 03/31/2012

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
NONE										
2/24/2012	3411 Leesburg	Stoppage in the city main collection line. MH# 293-00015	Recorded sewage discharge, dispatched wash truck to clear stoppage using blue heat to clean lines then deodorized and disinfected the site with Cherry Pit and Germ-A-Cert.	We will periodically wash this section of our collection lines and added degeaser to assist in flow.	None	700	293	201	132	6.96
3/21/2012	6650 Cedar Grove Dr.	Discharged caused by surcharged conditions. A rain event. MH# 047-00556.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	Implement RMAP procedures.	Hurricane Creek	13,986	47	109	336	7.02
3/21/2012	4275 Cypress Dr.	Discharged caused by surcharged conditions. A rain event. MH# 065-00100B.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	Implement RMAP procedures.	Baker Canal	21,546	65	37	70	7.41

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

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
01/01/2012 To 03/31/2012

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
1/3/2012	18516 S. Mission Hills Dr.	Pump Station # 356 was down. MH # 356-00001.	Recorded sewage overflow, site was deodorized and disinfected with Germ- A-Cert. Dispatched wash truck to clear lines and notified pump station mechanic of high wet well.	Washed collection line to keep it open and flowing. Added de-greaser to prevent build up.	None	500	356	166	172	6.86
1/27/2012	18445 S. Mission Hills Dr.	Pump Station # 356 was down. MH # 356-00001.	Recorded sewage overflow, site was deodorized and disinfected with Germ- A-Cert. Dispatched wash truck to clear lines and notified pump station mechanic of high wet well.	Washed collection line to keep it open and flowing. Added de-greaser to prevent build up.	None	250	356	100	134	7.02
1/31/2012	4914 Woodlake Dr.	Pump Station # 211 was down. MH # 211-00001.	Recorded sewage discharge site was deodorized and disinfected with Germ- A-Cert. Notified pump station mechanic of failure.	Washed collection line to keep it open and flowing. Added de-greaser to prevent build up.	None	500	211	118	164	7.1
2/6/2012	12553 Shay Ave.	There was a stoppage in the city main collection line. MH# 021-00101	Dispatched wash truck to clear the stoppage and recorded the sewage discharge. The site was deodorized and disinfected with cherry Pit and Germ-A-Cert. Pure X bleach was added to receiving stream of water to aid in disinfecting.	This section of line will be wash periodically.	Jones Creek	1,000	21	140	145	6.73
2/18/2012	5016 Woodlake Dr.	Stoppage in the city main collection line due to surcharged conditions - rain event. MH# 211-00039.	Recorded sewage discharge and dispatch wash truck to clean-up area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line, also added de-greaser to assist with the flow.	None	1,800	211	73	220	7.02
2/20/2012	13608 Chalmette Ave.	There was a stoppage in the city main collection line. MH# 185-00017A.	Recorded sewage discharge and dispatch wash truck to clear the stoppage. The area was deodorized with Cherry Pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line, also added de-greaser to assist with the flow. The collection line was cleaned with blue heat.	None	750	185	113	134	6.56
2/20/2012	3010 Woodbrook Dr.	Stoppage in the city main collection line. MH# 156-00033.	Recorded sewage discharge and dispatch wash truck to clear the stoppage. The area was deodorized with Cherry Pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line, also added de-greaser to assist with the flow. The collection line was cleaned with blue heat.	None	300	156	113	134	6.56
2/23/2012	16852 Cicero Ave.	Stoppage in the city main collection line. MH# 191-00007.	Recorded sewage discharge and dispatch wash truck to clear the stoppage. The area	We will periodically wash this section of our collection line,	None	250	191	136	150	6.9

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

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
01/01/2012 To 03/31/2012

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
			was deodorized with Cherry Pit and disinfected with Germ-A-Cert.	also added de-greaser to assist with the flow. The collection line was cleaned with blue heat.						
3/14/2012	3333 Woodland Ridge Ct.	Stoppage in city main collection line. MH# 077-00054.	Recorded sewage discharge, dispatched wash truck to clear stoppage using blue heat to clean lines then deodorized site using Cherry Pit and disinfected the site with Germ-A-Cert.	We will periodically wash this section of our collection line and we also added degeaser to assist in flow.	None	200	77	109	154	7.12
3/15/2012	9225 Cross Creek Ave.	Stoppage in city main collection line. MH# 061-05031.	Recorded sewage discharge, dispatched wash truck to clear stoppage using blue heat to clean lines then deodorized site using Cherry Pit and disinfected the site with Germ-A-Cert.	We will periodically wash this section of our collection line and we also added degeaser to assist in flow.	None	250	61	134	144	7.17
3/15/2012	2467 Creekside Dr.	Backup was caused by a blockage in the city main collection line. MH# 061-05034.	Recorded sewage discharge, dispatched wash truck to clear stoppage using blue heat to clean lines then deodorized site using Cherry Pit and disinfected the site with Germ-A-Cert.	We will periodically wash this section of our collection line and we also added degeaser to assist in flow.	None	100	61	134	144	7.17
3/15/2012	9122 Meadow Creek Ave.	Stoppage in city main collection line. MH# 061-05033.	Recorded sewage discharge, dispatched wash truck to clear stoppage using blue heat to clean lines then deodorized site using Cherry Pit and disinfected the site with Germ-A-Cert.	We will periodically wash this section of our collection line and we also added degeaser to assist in flow.	None	200	61	134	144	7.17
3/21/2012	14725 Tiger Bend Rd.	Discharged caused by surcharged conditions. A rain event. MH# 274-00001D.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	Documented date Pump Station # 274 surcharging.	None	800	274	78	200	6.99
3/21/2012	11378 Ashbourne Dr.	Discharged caused by surcharged conditions. A rain event. MH# 050-00526.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	Implement RMAP procedures.	Jones Creek	21,546	50	72	224	7.02
3/22/2012	12021 Bricksome Ave.	Stoppage in the city main collection	Recorded sewage discharge, this site	System was still trying to catch	None	250	168	72	121	6.94

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

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
01/01/2012 To 03/31/2012

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
		line due to surcharging conditions. MH# 168-00079.	will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	up from recent rain event.						
3/22/2012	12100 Goodwood Blvd.	Stoppage in the city main collection line due to surcharging conditions. MH# 031-00001.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	System was still trying to catch up from recent rain event.	None	300	31	59	84	7.07
3/21/2012	1625 N. Pamela Dr.	Discharged caused by surcharged conditions. A rain event. MH# 151-00025.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	Implement RMAP procedures.	None	39,585	151	72	224	7.02
3/21/2012	1388 S. Sherwood Forest Blvd.	Discharged caused by surcharged conditions. A rain event. MH# 050-00530A.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	Implement RMAP procedures.	Jones Creek	30,114	50	72	224	7.02
3/29/2012	10568 Ferncliff Ave.	Backup was caused by a blockage in the city main collection line. MH# 050-00136.	Recorded sewage discharge, dispatched wash truck to clear stoppage using blue heat to clean lines then deodorized site using Cherry Pit and disinfected the site with Germ-A-Cert.	We will periodically wash this section of our collection line and we also added degreaser to assist in flow.	None	175	50	179	228	7.07
3/30/2012	9210 Burbank Dr.	Pump Station # 61 was down. MH# 061-00001.	Notified pump station mechanic of failure. Recorded sewage overflow, the site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The wash truck was dispatched to clean the site.	Washed collection line to keep it open and flowing. Added de-greaser to prevent buildup. The station will be periodically monitor.	None	2,500	61	92	106	6.81

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

CENTRAL Sewer District Collection System LPDES LA0036421AI# 4842
01/01/2012 To 03/31/2012

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
1/26/2012	North 19th & Birch	There was a stoppage in the city main collection line. MH # 060 - 00776.	Recorded sewage discharge, dispatched wash truck to clear stoppage. The site was disinfected with Germ-A-Cert and deodorized with Cherry Pit.	We will periodically wash this section of line. We used blue heat to clean the line and added de-greaser to assist in the flow.	None	500	60	46	172	7.27
NONE										
3/21/2012	2147 E. Lakeshore Dr.	Discharged caused by surcharged conditions. A rain event. MH# 010-04926.	Recorded sewage discharge, this site will be deodorized using Cherry Pit and disinfected with Germ-A-Cert.	Implement RMAP procedures.	Dawson Creek	30,114	10	47	182	7.45
3/30/2012	1100 Mansfield Ave	Pump Station # 228 was down. MH# 228-00001.	Notified pump station mechanic of failure. Recorded sewage overflow, the site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The wash truck was dispatched to clean the site.	Washed collection line to keep it open and flowing. Added de-greaser to prevent buildup. The station will be periodically monitor.	None	3,400	228	102	108	7.19

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 Wastewater Treatment Plants LPDES Permit No. LA0036412 AI# 4841 during this reporting period. The South Wastewater Treatment Plant (SWWTP) exceeded the permit effluent limits for fecal coliform seven (7) day average and monthly average during the time periods shown below. In addition, the SWWTP exceeded the BOD monthly average in January and the percent removal monthly average in February. The total amount of stipulated penalties identified for non-compliant activities at the SWWTP during this reporting period is \$16,500. Non-compliance was due to existing construction at the South Wastewater Treatment Plant. In addition, during the month of February and March the SWWTP received unusually high flows. At the beginning of the quarter primary basin No. 6 was out of service and two sludge tractors were in need of repairs. Repairs to primary basin No. 6 were completed on 2/14/12, and repairs to both the sludge tractors were completed and are now back in service. Further non-compliance is not anticipated.

SWWTP	Permit Level	1 st Quarter 2011			Stipulated Penalty		
		Jan.	Feb.	March	# of Occurrences	Per Occurrence	Total
BOD							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	31	C	C	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	74	C	1	\$2,500	\$2,500
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			
TRC							
Daily Max (mg/l)	0.46	C	C	C			
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	1375	406	604	4	\$1,000	\$4,000
				828			
Monthly Avg. (mg/l)	200 col/100ml	212	250	460	3	\$2,500	\$7,500
Total							\$16,500

C-Compliance

Part E - Consent Decree Compliance Status

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

3. The City/Parish was not in compliance with the North Wastewater Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period. The North Wastewater Treatment Plant (NWWTP) exceeded the permit effluent limits for BOD monthly average in January as shown below. The total amount of stipulated penalties identified for non-compliant activities at the NWWTP during this reporting period is \$2,500. Non-compliance was due to extremely high rainfall at the NWWTP causing flows that reached as high as 103 MGD into the plant. This high rainfall contributed to high BOD and TSS entering the secondary system. In addition, in the month of January, two final clarifiers were out of service. Further non-compliance is not anticipated.

NWWTP	Permit Level	1 st Quarter 2012			Stipulated Penalty		
		Jan.	Feb.	March	# of Occurrences	Per Occurrence	Total
BOD							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	32	C	C	1	\$2,500	\$2,500
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			
TRC							
Daily Max (mg/l)	0.46	C	C	C			
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$2,500

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 1/1/12 to 3/31/12. If not, see comments above.