



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 79

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**January 26, 2022**



January 26, 2022

CERTIFIED – RETURN RECEIPT REQUESTED

Ms. Cheryl Seager  
Director  
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  
Seventy Ninth Quarterly Report - **Period Ending December 31, 2021**

Ms. Seager,

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 79<sup>th</sup> Consent Decree Quarterly Report covering activities for the quarter ending December 31, 2021. 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 79<sup>th</sup> Consent Decree Quarterly Report to the US EPA and LDEQ and one copy to the US DOJ and City/Parish DES.

I certify that the information contained in or accompanying this seventy ninth 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.

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

Sincerely yours,



Richard Speer, PE  
Environmental Services Director

cc: Honorable Sharon Weston-Broome, Mayor-President  
Darryl Gissel, Chief Administrative Officer  
Kelvin J. Hill, Assistant Chief Administrative Officer  
Chief, Environmental Enforcement Section, US DOJ  
Mr. Bobby Mayweather, LDEQ  
Dr. Chuck Carr Brown, LDEQ  
Ms. Mona Tate, US EPA Region 6  
Mr. Carlos Zequeira, (6RC-EA)  
Ms. Darlene Whitten-Hill, (6EN-WC)  
Mr. Anderson Dotson, III  
Mr. Bob Abbott  
Mr. Joseph Young, Jacobs  
Ms. Elizabeth Gibert, Jacobs  
Mr. Carlos Giron, Jacobs  
Mr. Adam M. Smith  
Mr. Rickey P. Brouillette  
Ms. Cheryl Berry  
Mr. Darren P. Braud  
Mr. Ted D. Stephens  
Mr. John Ward  
Mr. Paul Nata

**CITY-PARISH DEPARTMENTAL MEMORANDUM  
WASTEWATER COLLECTION DIVISION**

**345 Chippewa St.  
Baton Rouge, LA 70805**

**Date:** January 21, 2022

**To:** Mr. Darren P. Braud, Wastewater Collection Division  
Mr. Paul Nata, Wastewater Collection Division  
Mr. Michael Lowe, Wastewater Treatment and Disposal Division

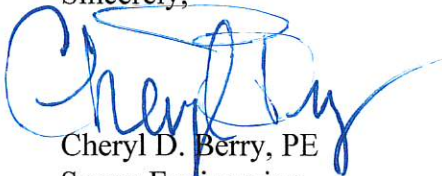
**From:** Ms. Cheryl Berry, P.E., Sewer Engineering Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Seventy Ninth Quarterly Report – Period Ending December 31, 2021  
Data Review

Sir or Madam:

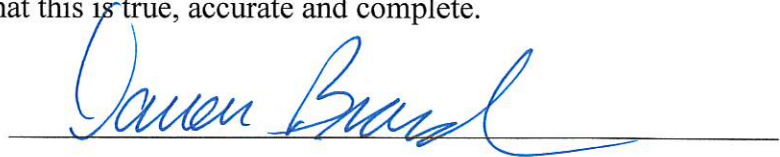
Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Seventy Ninth Quarterly Report. Once the review of your portion of data is complete and corrected,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

Sincerely,



Cheryl D. Berry, PE  
Sewer Engineering

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



xc: Document Control



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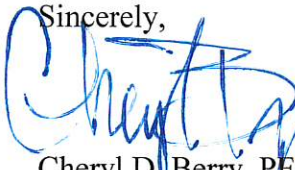
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Sewer Engineering

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Michael J. [unclear] 1-20-2022

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Baton Rouge, LA 70805

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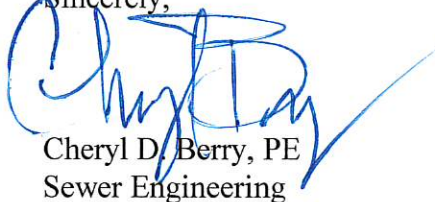
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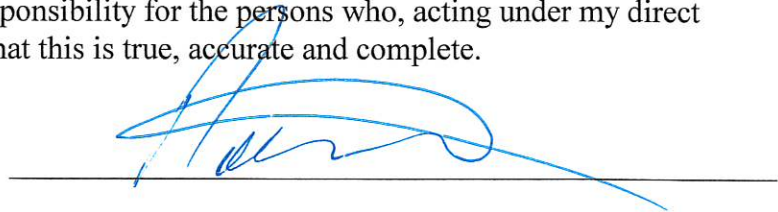
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Cheryl D. Berry, PE  
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# 79<sup>th</sup> Quarterly Report - Executive Summary

## General Overview

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

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

## 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 and South)* – These tables detail the maintenance activities performed in the North and South 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: Environmental Results Monitoring (ERM)* - Section XIV requires the City/Parish DES to implement and follow the Environmental Results Monitoring Plan attached in Exhibit G of the Consent Decree. The Environmental Results Monitoring Plan is designed to measure environmental benefits resulting from the work performed under the Consent

Decree through measurement of water quality improvements. The City/Parish has conducted the first quarterly Phase II Environmental Results Monitoring event, which is summarized in Part F. Also in Part F is the water sample analysis and chain of custody.

*Part G: Supplemental Environmental Projects (SEP)* – This section summarizes the status of the SEP projects. However, currently all SEP projects have been completed and the final SEP Completion Report has been submitted. 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 included in the Executive Summary Section of the Quarterly Report. Additionally, the remainder of the Quarterly Report sections is attached as well.

## Summary of Regulatory Actions (Quarter Ending December 31, 2021)

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 reports all meetings and phone conversations that have taken place during the past quarter with parties listed.

## History of Submittals

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

Table 1. DOJ, EPA, and LDEQ Submittal History

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



**Table 1. DOJ, EPA, and LDEQ Submittal History**

<b>Name</b>	<b>Date Submitted</b>	<b>Additional Information</b>
Updated Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	February 2009	City/Parish final response to public comments regarding the Consent Decree Modification
Signed Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	April 2009	DOJ/EPA approval of the <i>Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program Report</i> submitted by the City/Parish in September 2008, also included as an attachment in the signed Agreement and Order.
Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	July 2011	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule (3 years)
Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	October 2012	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule (4 years)
Signed Revised Second Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	June 2013	DOJ/EPA approval of the City/Parish’s 4-year extension request from October 2012 (revised compliance schedule is included as an attachment in the signed Agreement and Order)
Response of City Of Baton Rouge/Parish Of East Baton Rouge To Administrative Order (AO) Docket Number CWA-06-2016-1767 dated April 15, 2016	May 2016	Final memorandum issued to EPA June 1, 2016 describing completion of all activities required under the AO ahead of required AO deadline of June 17, 2016.
Request for Extension on Industrial Use Survey (Pre-Treatment) City of Baton Rouge/Parish of East Baton Rouge Administrative Order – CWA-06-2016-1749 Agency Interest No. 4841 Water Permit No. LA0036412, LA0036439, LA0036421	August 2016	Request for extension of date to complete Industrial User (IU) Survey, the final task to address the administrative order, due to the Great Flood of 2016 and its impact on businesses.
City of Baton Rouge and Parish of East Baton Rouge Consent Decree-Civil Action No. 01-978-B-M3 Completion of 66% Milestone	November 2016	Notification of completion of final 66% milestone project, Highland Road-Burbank Drive Sewer Area Upgrades (08-FM-ST-0023), which had been delayed due to the contractor defaulting on the project, requiring the remaining work to be compiled into another project and the advertisement period to begin again.
Final Report Administrative Order – CWA-06-20161749, Agency Interest No. 4841, Water Permit No. LA0036412, LA0036439, LA0036421	December 2016	Notification of completion of all administrative order findings and items.
City of Baton Rouge and Parish of East Baton Rouge Consent Decree-Civil Action No. 01-978-B-M3 Completion of 100% Milestone	January 2019	Notification of completion of 100% milestone projects

Below in Table 2 is a summary of Consent Decree reporting deliverables.

**Table 2. Summary of Consent Decree Reporting Deliverables**

<b>Name</b>	<b>Deadline</b>	<b>Completion Date</b>	<b>Resubmission/Update</b>
<i>Quarterly Reports</i>			
	78 <sup>th</sup>	31-Oct-21	28-Oct-21
	77 <sup>th</sup>	31-Jul-21	29-Jul-21
	76 <sup>th</sup>	30-Apr-21	23-Apr-21

**Table 2. Summary of Consent Decree Reporting Deliverables**

<b>Name</b>	<b>Deadline</b>	<b>Completion Date</b>	<b>Resubmission/Update</b>	
	75 <sup>th</sup>	31-Jan-21	22-Jan-21	
	74 <sup>th</sup>	31-Oct-20	21-Oct-20	
	73 <sup>rd</sup>	31-Jul-20	22-Jul-20	
	72 <sup>nd</sup>	30-Apr-20	22-Apr-20	
	71 <sup>st</sup>	31-Jan-20	21-Jan-20	
	70 <sup>th</sup>	31-Oct-19	21-Oct-19	
	69 <sup>th</sup>	31-Jul-19	22-Jul-19	
	68 <sup>th</sup>	30-Apr-19	24-Apr-19	
	67 <sup>th</sup>	31-Jan-19	23-Jan-19	
	66 <sup>th</sup>	31-Oct-18	22-Oct-18	
	65 <sup>th</sup>	31-Jul-18	25-Jul-18	
	64 <sup>th</sup>	30-Apr-18	23-Apr-18	
	63 <sup>rd</sup>	31-Jan-18	Jan-23-18	
	62 <sup>nd</sup>	31-Oct-17	23-Oct-17	
	61 <sup>st</sup>	31-Jul-17	24-Jul-17	
	60 <sup>th</sup>	30-Apr-17	26-Apr-17	
	59 <sup>th</sup>	31-Jan-17	20-Jan-17	
	58 <sup>th</sup>	31-Oct-16	21-Oct-16	
	57 <sup>th</sup>	31-Jul-16	22-Jul-16	
	56 <sup>th</sup>	30-Apr-16	22-Apr-16	
	55 <sup>th</sup>	31-Jan-16	23-Jan-16	
	54 <sup>th</sup>	31-Oct-15	23-Oct-15	
	53 <sup>rd</sup>	31-Jul-15	24-Jul-15	
	52 <sup>nd</sup>	30-Apr-15	24-Apr-15	
	51 <sup>st</sup>	31-Jan-15	21-Jan-15	
	50 <sup>th</sup>	31-Oct-14	20-Oct-14	
	49 <sup>th</sup>	31-Jul-14	22-Jul-14	
	48 <sup>th</sup>	30-Apr-14	21-Apr-14	
	47 <sup>th</sup>	31-Jan-14	21-Jan-14	
	46 <sup>th</sup>	31-Oct-13	18-Oct-13	
	45 <sup>th</sup>	31-Jul-13	24-Jul-13	1-Aug-13
	44 <sup>th</sup>	30-Apr-13	19-Apr-13	
	43 <sup>rd</sup>	31-Jan-13	25-Jan-13	
	42 <sup>nd</sup>	31-Oct-12	23-Oct-12	

**Table 2. Summary of Consent Decree Reporting Deliverables**

<b>Name</b>	<b>Deadline</b>	<b>Completion Date</b>	<b>Resubmission/Update</b>
	41 <sup>st</sup>	31-Jul-12	25-Jul-12
	40 <sup>th</sup>	30-Apr-12	26-Apr-12
	39 <sup>th</sup>	31-Jan-12	26-Jan-12
	38 <sup>th</sup>	31-Oct-11	26-Oct-11
	37 <sup>th</sup>	31-Jul-11	27-Jul-11
	36 <sup>th</sup>	30-Apr-11	27-Apr-11
	35 <sup>th</sup>	31-Jan-11	28-Jan-11
	34 <sup>th</sup>	31-Oct-10	25-Oct-10
	33 <sup>rd</sup>	31-Jul-10	26-Jul-10
	32 <sup>nd</sup>	30-Apr-10	26-Apr-10
	31 <sup>st</sup>	31-Jan-10	25-Jan-10
	30 <sup>th</sup>	31-Oct-09	23-Oct-09
	29 <sup>th</sup>	31-Jul-09	24-Jul-09
	28 <sup>th</sup>	30-Apr-09	24-Apr-09
	27 <sup>th</sup>	31-Jan-09	30-Jan-09
	26 <sup>th</sup>	31-Oct-08	17-Oct-08
	25 <sup>th</sup>	31-Jul-08	25-Jul-08
	24 <sup>th</sup>	30-Apr-08	20-Apr-08
	23 <sup>rd</sup>	31-Jan-08	23-Jan-08
	22 <sup>nd</sup>	31-Oct-07	23-Oct-07
	21 <sup>st</sup>	31-Jul-07	23-Jul-07
	20 <sup>th</sup>	30-Apr-07	25-Apr-07
	19 <sup>th</sup>	31-Jan-07	26-Jan-07
	18 <sup>th</sup>	31-Oct-06	25-Oct-06
	17 <sup>th</sup>	31-Jul-06	28-Jul-06
	16 <sup>th</sup>	30-Apr-06	24-Apr-06
	15 <sup>th</sup>	31-Jan-06	23-Jan-06
	14 <sup>th</sup>	31-Oct-05	21-Oct-05
	13 <sup>th</sup>	31-Jul-05	15-Jul-05
	12 <sup>th</sup>	30-Apr-05	11-Apr-05
	11 <sup>th</sup>	31-Jan-05	24-Jan-05
	10 <sup>th</sup>	31-Oct-04	27-Oct-04
	9 <sup>th</sup>	31-Jul-04	26-Jul-04
	8 <sup>th</sup>	30-Apr-04	23-Apr-04

Table 2. Summary of Consent Decree Reporting Deliverables

Name	Deadline	Completion Date	Resubmission/Update
	7 <sup>th</sup> 31-Jan-04	30-Jan-04	
	6 <sup>th</sup> 31-Oct-03	30-Oct-03	
	5 <sup>th</sup> 31-Jul-03	17-Jul-03	
	4 <sup>th</sup> 30-Apr-03	24-Apr-03	
	3 <sup>rd</sup> 31-Jan-03	27-Jan-03	
	2 <sup>nd</sup> 31-Oct-02	23-Oct-02	
	1 <sup>st</sup> 31-Jul-02	23-Jul-02	
<i>Annual Reports</i>			
	2020 31-Jan-21	29-Jan-21	
	2019 31-Jan-20	30-Jan-20	
	2018 31-Jan-19	30-Jan-19	
	2017 31-Jan-18	30-Jan-18	
	2016 31-Jan-17	30-Jan-17	
	2015 31-Jan-16	30-Jan-16	
	2014 31-Jan-15	30-Jan-15	
	2013 31-Jan-14	30-Jan-14	
	2012 31-Jan-13	29-Jan-13	
	2011 31-Jan-12	28-Jan-12	
	2010 31-Jan-11	28-Jan-11	
	2009 31-Jan-10	31-Jan-10	30-Apr-10
	2008 31-Jan-09	31-Jan-09	
	2007 31-Jan-08	31-Jan-08	
	2006 31-Jan-07	27-Jan-07	
	2005 31-Jan-06	24-Jan-06	
	2004 31-Jan-05	31-Jan-05	
	2003 31-Jan-04	30-Jan-04	
	2002 31-Jan-03	29-Jan-02	
<i>Other Reports and Plans</i>			
Collection System PMP Plan	30-Mar-01	29-Mar-01	
Treatment Plant PMP Plan	30-Mar-01	29-Mar-01	
Treatment Facility Assessment Report	30-Mar-02	26-Mar-02	
SEP Completion Report	15-Sep-04	10-Sep-04	
2 <sup>nd</sup> RMAP Report	1-Dec-02	20-Nov-02	8-Sep-08
RMAP1 Completion Report	30-Apr-11	27-Apr-11	



Table 2. Summary of Consent Decree Reporting Deliverables

Name	Deadline	Completion Date	Resubmission/Update
Updated Outreach and Public Awareness Plan		13-Nov-01	27-Apr-11
RMAP2 33% Milestone Completion Report		21-Jul-15	
RMAP2 66% Milestone Completion Report		21-Jul-15	

## 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) in 1998. These projects were common to the alternative plans presented in the Consent Decree that were focused on utilizing deep tunnels/storage to control the SSOs 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.

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. The review resulted in a significant change in technical approach from deep tunnels and storage, to sewer rehabilitation. Therefore, the original RMAP1 projects not yet been initiated 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 were changed as well. Jacobs (formerly CH2M HILL) is currently the City/Parish’s consultant for the SSO Control and Wastewater Facilities Program.

In December 2007, the City/Parish and Jacobs (formerly 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 project 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 caused significant delays with the project which could not be overcome by reasonable actions by the City/Parish and its construction contractor. This project is functionally complete and has been in operation since 1<sup>st</sup> quarter 2011. The City/Parish asserts that this project is not susceptible to stipulated penalties due to the circumstances of the delay beyond the control of the City/Parish. The circumstances behind the delay are explained in detail below and have been also mentioned in the previous Quarterly

EPA Reports. The *RMAP1 Completion Report* was included previously in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* at the end of the 36<sup>th</sup> Quarterly EPA Report.

Table 3. EPA Consent Decree Summary and RMAP1 Milestones

Consent Decree Projects	Corresponding City/Parish Projects	Milestone Date	Projects Completed	Projects Completed	Project Status Summary
		Construction Status	5/4/2007 Complete	9/1/2008 Complete	
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)		●		
N-06 PS 43 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)		●		
N-09 PS 44/46 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)		●		
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)		●		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)		●		
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)		●		
	**North Area Comprehensive Rehab. (03-RMP-N23)		●		
	**PS 45 Area Rehab. (00-RMP-N31)		●		
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)		●		
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)		●		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation		●		
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)		●		
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)		●		
	PS 944 Area Upgrade (99-RMP-S99)		●		
	PS 177 Area Upgrade (99-RMP-S99)		●		
	**PS 211 Area Upgrades (99-RMP-S11)		●		
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades				RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.

Table 3. EPA Consent Decree Summary and RMAP1 Milestones

Consent Decree Projects	Corresponding City/Parish Projects	Projects Completed	Projects Completed	Project Status Summary
		Milestone Date	5/4/2007	
Construction Status		Complete	Complete	
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 <sup>th</sup> Quarter 2008	<b>Project completed – 4<sup>th</sup> quarter 2008</b> (at 80% complete with construction). Project was in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 <sup>th</sup> Quarter 2007	<b>Project completed – 4<sup>th</sup> quarter 2007.</b>
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 1<sup>st</sup> quarter 2011.</b>
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2009.</b>
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2010.</b>
*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 Jacobs (formerly CH2M HILL) have functionally completed 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 January 2019, a letter titled "City of Baton Rouge and Parish of East Baton Rouge Consent Decree-Civil Action No. 01-978-B-M3 Completion of 100% Milestone" was sent to inform parties of the completion of the 100% milestone. In addition, the City/Parish is adhering to the revised compliance schedule approved in the June 2013 *Revised Second Consent Decree Modification* by DOJ, EPA, and LDEQ that formally approves the City/Parish's 4-year extension request. The extension was the focus of the *Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal* (October 2012). The modified request document was included previously as *Attachment 1: Revised Second Agreement and Order Regarding the Modification of the Consent Decree* in the 45<sup>th</sup> Quarterly EPA Report.

In preparing the 2008 report, priority was given to the locations of known overflows (in order to reduce the frequency of overflows) and projects required to get the wastewater treatment plants in compliance with the Louisiana Pollution Discharge Elimination System (LPDES) 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 initiated and size modification were performed to accommodate the predicted designed peak wet weather flows and the 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.

The City/Parish has met and in many cases exceeded the RMAP2 schedules. The City/Parish encountered many issues/effects from construction activities. Contractor and workforce availability were a regular issue of concern. In addition, the capacity of both internal and external support functions were continually an issue of concern, particularly due to the stresses already placed on several key support roles, especially with regards to the City/Parish procurement system, and to a lesser degree with state/local permit acquisitions/approvals. All of these support systems were under strain as RMAP2 work was conducted.

The Consent Decree schedule was very demanding, and the time lost from Force Majeure events affected not only the critical early planning stages of the program, but also had significant impacts on construction, project schedules and implementation. The City/Parish kept track of those events in regard to their effect on schedule and compliance, and the effect those events had on the associated construction costs and contractor availability for RMAP2 project work that is functionally complete.

The City/Parish refined and performed quality control reviews of the hydraulic model of the sewer system, incorporating new information as it became available. These on-going refinements altered the RMAP2 projects to improve their effectiveness. With the EPA and LDEQ approval, the City/Parish regularly documented RMAP2 project changes (scope changes, project additions, project deletions, and schedule changes) in the Quarterly and Annual EPA Reports.

The Program Delivery Plan (PDP) was updated in the end of 2017. Tables 4, 5 and 6 were updated to reflect any project changes associated with the SSO Program.

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

The RMAP2 projects are separated into three categories with descriptions.

### 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 required comprehensive rehabilitation. Sewer system comprehensive rehabilitation projects have been 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 a delivery milestone schedules.

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

Table 4. Updated EPA Consent Decree RMAP 2 Milestones for Category 1 Projects

Construction Milestone	33%	66%	100%	Project Status Summaries
	Milestone	Milestone	Milestone	
Milestone Date	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Jefferson Hwy – HooShooToo Road	•			Project completed – 3 <sup>rd</sup> quarter 2009.
Staring Lane – Boone Drive Area Rehabilitation Project	•			Project completed – 2 <sup>nd</sup> quarter 2010.
Burbank Drive – Gardere Lane Area Rehabilitation Project	•			Project completed – 1 <sup>st</sup> quarter 2011.



Table 4. Updated EPA Consent Decree RMAP 2 Milestones for Category 1 Projects

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Oak Villa –Choctaw Street Area Rehabilitation Project	•			Project completed – 3 <sup>rd</sup> quarter 2011.
Scotland Avenue – Progress Road Area Rehabilitation Project	•			Project completed – 2 <sup>nd</sup> quarter 2011.
Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project	•			Project completed – 3 <sup>rd</sup> quarter 2011.
Sharp Road – Florida Boulevard Area Rehabilitation Project	•			Project completed – 3 <sup>rd</sup> quarter 2012.
Kenilworth Boulevard – Boone Drive Area Rehabilitation Project	•			Project completed – 3 <sup>rd</sup> quarter 2012.
Foster Drive – Government Street Area Rehabilitation Project Phase A	•			Project completed – 4 <sup>th</sup> quarter 2011.
Foster Drive – Government Street Area Rehabilitation Project Phase B	•			Project completed – 3 <sup>rd</sup> quarter 2012.
Silverleaf Road – Ford Street Area Rehabilitation Project	•			Project completed – 4 <sup>th</sup> quarter 2012.
Brookstown Road – Evangeline Street Phase I Area Rehabilitation Project	•			Project completed – 4 <sup>th</sup> quarter 2012.
Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project	•			Project completed – 4 <sup>th</sup> quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project		•		Project completed – 4 <sup>th</sup> quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project		•		Project completed – 1 <sup>st</sup> quarter 2013.
Highland Road – Washington Street Area Rehabilitation Project		•		Project completed – 3 <sup>rd</sup> quarter 2013.
Stanford Avenue – Morning Glory Road Area Rehabilitation Project	•			Project completed – 4 <sup>th</sup> quarter 2012.
Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project		•		Project completed – 3 <sup>rd</sup> quarter 2014.
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		•		Project completed – 2 <sup>nd</sup> quarter 2015.
Acadian Thruway – Claycut Road Area Rehabilitation Project		•		Project completed – 1 <sup>st</sup> quarter 2013.
Acadian Thruway – Perkins Road Area Rehabilitation Project	•			Project completed – 4 <sup>th</sup> quarter 2012.
Antioch Road – Chadsford Drive Area Rehabilitation Project		•		Project completed – 2 <sup>nd</sup> quarter 2015.
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			•	Project completed – 1 <sup>st</sup> quarter 2016.
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project		•		Project completed – 2 <sup>nd</sup> quarter 2015.
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			•	Project completed – 2 <sup>nd</sup> quarter 2016.
Siegen Lane – Interstate 10 Area Rehabilitation Project			•	Project completed – 2 <sup>nd</sup> quarter 2017.

Table 4. Updated EPA Consent Decree RMAP 2 Milestones for Category 1 Projects

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Interstate 110 – Hollywood Street Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2015.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2016.
Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2018.
East Boulevard – Government Street Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2017.
North 38 <sup>th</sup> Street – Gus Young Avenue Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2018.

\*A project is deemed “Functionally Complete” when a project has been constructed in accordance with the engineering and operation specifications and has been tested to function as required. The definition functionally complete may or may not mean that the asset has been put into service as designed. Further definition can be found within Quarterly Report #56.

## Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity mains, pump stations, and transmission mains to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 5 presents a list of Category 2 projects with corresponding milestone schedules.

Table 5. EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Capitol Lake – Gayosa Street Area Capacity Improvements	●			Project completed – 2 <sup>nd</sup> quarter 2012.
Gurney Road – Joor Road	●			Project completed – 4 <sup>th</sup> quarter 2009.
Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades	●			Project completed – 1 <sup>st</sup> quarter 2011.
Comite Road – Foster Road Sewer Area Upgrades - Phase I	●			Project completed – 2 <sup>nd</sup> quarter 2010.
Foster Road –Hooper Road Sewer Area Upgrade	●			Project completed – 4 <sup>th</sup> quarter 2010.
Zachary Area Transmission Network Improvements Phase I - 3 Pump Stations and Equalization Basin		●		Project completed – 1 <sup>st</sup> quarter 2013.
Zachary Area Transmission Network Improvements Phase II–Red Mud Lakes Forcemain to NWWTP		●		Project completed – 2 <sup>nd</sup> quarter 2016.

Table 5. EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date				
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		●		Project completed – 4 <sup>th</sup> quarter 2014.
Zachary Area Transmission Network Improvements Phase IV–Zachary Improvements		●		Project completed – 4 <sup>th</sup> quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements			●	Project completed – 1 <sup>st</sup> quarter 2017.
South Boulevard – St. Joseph Street Sewer Area Upgrades	●			Project completed – 2 <sup>nd</sup> quarter 2012.
South Boulevard – St. Joseph Street Sewer Area Upgrades – Phase B			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Downtown Area Pump Station Improvements		●		Project completed – 2 <sup>nd</sup> quarter 2012.
Highland Road – Buchanan Street Sewer Area Upgrades	●			Project completed – 4 <sup>th</sup> quarter 2011.
Citiplace/Essen Area - PS119 & Forcemain Improvements	●			Project completed – 3 <sup>rd</sup> quarter 2012.
Group Project 1A (Metro Airport Sewer Upgrades)		●		Project completed – 2 <sup>nd</sup> quarter 2013.
Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)		●		Project completed – 1 <sup>st</sup> quarter 2016.
Perkins/Old Perkins Area - Booster PS 514 Improvements		●		Project completed – 2 <sup>nd</sup> quarter 2013.
Group Project 2 (Old Perkins – Highland Road Area Upgrades)	●			Project completed – 2 <sup>nd</sup> quarter 2012.
Highland Road – Burbank Drive Capacity Improvements		●		Project completed – 4 <sup>th</sup> quarter 2016.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A		●		Project completed – 1 <sup>st</sup> quarter 2012.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B		●		Project completed – 1 <sup>st</sup> quarter 2015.
Bayou Duplantier Area Sewer Upgrades		●		Project completed – 3 <sup>rd</sup> quarter 2013.
25th Street - North Acadian Thruway	●			Improvements constructed in Capital Lake-Gayosa Drive Project and South Blvd.-Saint Joseph Street Project. See status updates for the two projects mentioned in this table above.
Government St - South Acadian Thruway Sewer Area Upgrades			●	Project completed – 1 <sup>st</sup> quarter 2016.
Plank Road-Kleinpeter Road Sewer Area Upgrades		●		Project completed – 1 <sup>st</sup> quarter 2016.

Table 5. EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
O'Neal Lane Pipeline Improvements – Group A		●		Project completed – 4 <sup>th</sup> quarter 2014.
O'Neal Lane Pipeline Improvements – Group B		●		Project completed – 2 <sup>nd</sup> quarter 2015.
Multiple PS - Nicholson Dr - Brightside Dr		●		Project completed – 2 <sup>nd</sup> quarter 2015.
Pump Station 58 Capacity Improvements		●		Project completed – 1 <sup>st</sup> quarter 2015.
Staring Lane FM (Phase I - Burbank Drive to Highland Road)	●			Project completed – 2 <sup>nd</sup> quarter 2010.
Staring Lane FM (Phase II-Highland Road to Perkins Road)		●		Project completed – 4 <sup>th</sup> quarter 2013.
Staring Lane FM (Phase III - Perkins to PS58)		●		Project completed – 3 <sup>rd</sup> quarter 2014.
Multiple PS - Jefferson Hwy - Park Forest Dr		●		Project completed – 3 <sup>rd</sup> quarter 2012.
Airline Highway Pipeline Improvements-Phase A			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Airline Highway Pipeline Improvements-Phase B			●	Project completed – 3 <sup>rd</sup> quarter 2018.
Multiple PS - Highland Road - Kenilworth Parkway			●	Project completed – 2 <sup>nd</sup> quarter 2017.
Florida Boulevard Pump Station Improvements			●	Project completed – 4 <sup>th</sup> quarter 2018.
Plank Road Pump Station Improvements			●	Project completed – 1 <sup>st</sup> quarter 2017.
Multiple PS - Highway 61 - Plank Road			●	Project completed – 2 <sup>nd</sup> quarter 2018.
O'Neal Lane Pump Station Improvements – Group A			●	Project completed – 2 <sup>nd</sup> quarter 2017.
O'Neal Lane Pump Station Improvements – Group B			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			●	Project completed – 1 <sup>st</sup> quarter 2018.
Joor Road - Greenwell Springs Road Sewer Area Upgrades			●	Project completed – 3 <sup>rd</sup> quarter 2018.
Plank Road - Port Hudson Pride Road Sewer Area Upgrades			●	Project completed – 3 <sup>rd</sup> quarter 2015.
Highland Road Pipeline Improvements-Group A			●	Project completed – 3 <sup>rd</sup> quarter 2016.
Highland Road Pipeline Improvements-Group B			●	Project completed – 2 <sup>nd</sup> quarter 2017.
Oak Villa Boulevard - Monterrey Boulevard Sewer Area Upgrades			●	Project completed – 2 <sup>nd</sup> quarter 2017.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades			●	Project completed – 4 <sup>th</sup> quarter 2018.
Hooper Road Pump Station Improvements			●	Project completed – 3 <sup>rd</sup> quarter 2018.
Multiple PS - Prescott Rd-Greenwell Springs Rd			●	Project completed – 4 <sup>th</sup> quarter 2018.



Table 5. EPA Consent Decree RMAP2 Milestones for Category 2 Projects

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Multiple PS - Burbank Drive - Siegen Lane			●	Project complete – 4 <sup>th</sup> quarter 2017.
Pump Station 42 Improvements		●		Project complete – 1 <sup>st</sup> quarter 2016.
Pump Station 42 Forcemain - Phase I		●		Project complete – 3 <sup>rd</sup> quarter 2014.
Pump Station 42 Forcemain - Phase II		●		Project complete – 2 <sup>nd</sup> quarter 2014.
Central Consolidated Pump Stations		●		Project complete – 4 <sup>th</sup> quarter 2014.
Central Consolidated Forcemains–Phase I		●		Project complete – 3 <sup>rd</sup> quarter 2013.
Central Consolidated Forcemains–Phase II		●		Project complete – 3 <sup>rd</sup> quarter 2014.

\*A project is deemed “Functionally Complete” when a project has been constructed in accordance with the engineering and operation specifications and has been tested to function as required. The definition functionally complete may or may not mean that the asset has been put into service as designed. Further definition can be found within Quarterly Report #56.

### Category 3: Wastewater Treatment and Storage

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

There are not any RMAP2 projects that have been identified at the North WWTP. Also, since the existing Central WWTP had insufficient flows to justify the cost of renovation and upgrading for future requirements, it was decommissioned in July 2016 as the RMAP2 projects are completed at the South WWTP. Flows for the current Central service area have been diverted to the South WWTP. The City/Parish received notification that termination of Louisiana Pollutant Discharge Elimination System permit, Number LA0036421, was granted by the LDEQ on May 30, 2017 and the termination was effective on June 30, 2017 (Agency Interest (AI) # 4842).

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

- Immediate Action Plan (IAP) South WWTP Project that includes screening, trickling filter recirculation pumping, primary treatment improvements, and bio-solids thickening improvements. Effluent pumping improvements were also completed as part of the IAP.
- Phase 1 Improvements at the South WWTP for Wet Weather Flow including influent pumping, screening and grit removal for a predicted flow of 345 MGD. Phase 1 also includes 66 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 205 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. The details of the wastewater treatment and storage projects are listed in Table 6 below.

Table 6. EPA Consent Decree RMAP2 Milestones for Category 3 Projects

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Choctaw Storage and Pump Station Facility		●		Project completed – 3 <sup>rd</sup> quarter 2013.
Hooper Storage Facility		●		Project completed – 2 <sup>nd</sup> quarter 2016.
SWWTP IAP (Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)	●			Project completed – 2 <sup>nd</sup> quarter 2011.
SWWTP IAP (Effluent Pumping Improvements)	●			Project completed – 1 <sup>st</sup> quarter 2008.
SWWTP Wet Weather Improvements-Phase I		●		Project completed – 2 <sup>nd</sup> quarter 2013.
SWWTP Wet Weather Improvements-Phase II (PDP portion)		●		Project completed – 2 <sup>nd</sup> quarter 2015.

\*A project is deemed “Functionally Complete” when a project has been constructed in accordance with the engineering and operation specifications and has been tested to function as required. The definition functionally complete may or may not mean that the asset has been put into service as designed. Further definition can be found within Quarterly Report #56.

## Additional Projects Outside of Consent Decree

This category of project is composed of several additional projects the City/Parish has agreed to implement not presently included/tracked by the RMAP2 Consent Decree Compliance Schedule, and specifically includes wet weather improvements at the City/Parish wastewater treatment plants (WWTPs), as well as storage facilities throughout the service area. Many of these projects will greatly improve the operation and maintenance of the wastewater collection system, WWTPs, and storage facilities. Specifically included in this group of projects are both the SCADA Project and the Standby Power Program, which will help optimize the overall operation of the treatment facilities and pump stations, while minimizing risks associated with SSOs. Several of these projects have been initiated by the City/Parish on their own without EPA/LDEQ approval, because they were needed due to emergency, or due to additional scope added late to a project, and for easier project execution. All of these additional projects are summarized below and project statuses are provided in Table 7.

Table 7. Proposed Schedule for Projects Outside of Consent Decree

	Start	Scheduled Finish	Project Status Summary
NWWTP Plantwide & Master SCADA Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2018.
NWWTP Standby Generator Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2018.
NWWTP Pretreatment & Grit Removal Rehabilitation Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2018.
NWWTP General Electrical Rehabilitation Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2018.

Table 7. Proposed Schedule for Projects Outside of Consent Decree

	Start	Scheduled Finish	Project Status Summary
NWWTP Odor Control & Sodium Hypochlorite Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2018.
NWWTP Sustainability Improvements Project	Complete	Complete	Project completed – 3 <sup>rd</sup> quarter 2018.
NWWTP Master Plan Project #3 (Public Project) – Plant Buffer	Complete	Complete	Project completed – 3 <sup>rd</sup> quarter 2018.
SWWTP Wet Weather Improvements – Phase II (Master Plan portion)	Complete	Complete	Project completed – 2 <sup>nd</sup> quarter 2015.
Sewer System and WWTP Stand-by Power Program	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2018.
SCADA (Collection System, Operations Data and Control Center)	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2018.
Environmental Services Facility	Complete	Complete	Project completed – 2 <sup>nd</sup> quarter 2017. (DES consolidated staff into one facility to facilitate communications and operations)
NWWTP Odor Control Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2010.
Comite –Foster Road Sewer Area Upgrades - Phase II	Complete	Complete	Project completed – 1 <sup>st</sup> quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements	Complete	Project moved into RMAP2. See Table 5	Project moved into RMAP2. See Table 5 for project status update
South Boulevard – Saint Joseph Street Phase B	Complete	Project moved into RMAP2. See Table 5	Project moved into RMAP2. See Table 5 for project status update
Central WWTP Decommissioning Project.	Complete	Complete	Project completed – 2 <sup>nd</sup> quarter 2017. (Central WWTP decommissioned 3 <sup>rd</sup> quarter 2016; permit discontinued 2 <sup>nd</sup> quarter 2017.)
Ward Creek Aerial Crossing Replacement Emergency Project	Complete	Complete	Project completed – 3 <sup>rd</sup> quarter 2015.
South Basin Coordination Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2016.
South WWTP Landscape Buffer Area	Complete	Complete	Project completed – 2 <sup>nd</sup> quarter 2016.

## Status of Other Consent Decree Requirements

### **Consent Decree Section XV - Outreach and Public Awareness Plan**

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

Outreach and Public Awareness Program Plan implementation efforts have been on-going. Public information tools such as the website (<http://www.brprojects.com/>) are continuously updated with new information about the program, project information (including monthly and quarterly progress reports detailing the status of the projects), and regulatory information and associated reference documents, etc. Fact sheets and brochures have also been developed that can be accessed via the website and that have been distributed during public meetings; these fact sheets describe pertinent information about and aspects of the Program. Additionally, prior to any field work, informational door hangers are also hung on those homes where inspection work will be taking place.

The Program quarterly progress reports have been made available and distributed to the public. To date, the reports 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 DES staff. The plan is for these reports to continue to be distributed and posted on the website; in addition, the public quarterly progress reports will also be handed out or mailed to anyone who requests them throughout the duration of the SSO Control and Wastewater Facilities Program.

Program communications continue to provide City/Parish residents with time critical information on SSO 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 Environmental Services (DES), the Program initiated a construction communication outreach component to complement the Program's current communication activities. The Program Communication Team 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 C-P's 311 call center was established. Additionally, materials including information letters, handouts, and door hangers announcing road closures were developed and are distributed on an as needed basis. A summary of outreach activities for the quarter are as follows:

#### Public Outreach Summary 4<sup>th</sup> Quarter 2021 (Through December 31, 2021)

In December the Mayor announced a partnership between the Department of Environmental Services (DES) and the East Baton Rouge Housing Authority to provide educational materials, including pamphlets, re-usable tote bags, and can-the-grease lids, to approx. 1000 residents. In addition to the materials there will be ongoing educational seminars to educate residents on the proper way to dispose of various types of waste, particularly fats, oils, grease, and sanitary wipes. Members of the SSO team went door to door across 5 of the housing authority communities to distribute over 500 educational bags, while members of the Environmental Group at DES delivered the other half of materials.

#### DES Communication Initiatives Summary 4<sup>th</sup> Quarter 2021 (Through December 31, 2021)

Throughout the 4<sup>th</sup> quarter of 2021, Emergent Method and Jacobs supported numerous efforts to aid in the City-Parish Department of Environmental Services' (DES) efforts to educate and engage with residents, students, and stakeholder groups throughout East Baton Rouge Parish on wastewater, environmental, and sustainability functions, topics, and practices.

#### Public Outreach and Community Engagement

- Coordinated the launch of a public awareness campaign targeting multi-family housing unit residents with the goal of reducing sewer overflows in the area, including:
  - Finalized partnership concept with the East Baton Rouge Public Housing Authority for the distribution of more than 900 public information packets with "can the grease lids" and informational materials to all residents of the EBRPHA's 13 communities
  - Coordinated with EBRPHA staff to develop public messaging and communications to announce the partnership and launch the new campaign on Nov. 29, including supporting press release and talking points for the launch press conference focused around the department's "Splish Splash, Don't Flush Your Trash" campaign messaging
  - Coordinated media interest and coverage of the campaign launch, including on-site attendance from four media outlets (WBRZ Channel 2, WAFB Channel 9, WVLA Channel 33, and Metro 21) – see *Appendix A*



- Drove public awareness and visits to the City-Parish’s website focused on raising awareness surrounding the harmful impacts of fats, oils, grease, and wipes, generating nearly 100 web form requests for a “can the grease lid over a three-day period
- Continued supporting communications and community outreach efforts for debris removal following Hurricane Ida in East Baton Rouge Parish, including posting regular progress updates to City-Parish social media platforms and Nextdoor, developing and issuing press releases regarding the status of various debris removal passes, and supporting the continued maintenance of the City-Parish’s public GIS debris tracking map
- Finalized and implemented a digital and social media messaging campaign to promote the public’s awareness and attendance of Fall 2021 Household Hazardous Materials Collection Day, including a multi-week social media calendar, paid media spots, PSA radio scripts and production, TV PSAs, press release, and supporting outreach materials
- Began planning for 2022 public outreach campaigns, including coordination with the Mall of Louisiana and Lamar Advertising Co. to review options for shopping mall and out-of-home advertising to promote responsible FOG and wipe disposal practices
- Responded to media inquiries from *The Advocate* regarding improvements to the City-Parish sewerage system, responses to resident needs or issues, and plans for future investments and improvements
- Coordinated meetings between DES and public works staff and Metro Council legislative aides in October and November 2021 to provide updates on key projects and initiatives within each council district throughout East Baton Rouge Parish and request input or feedback as to how services are being delivered to their constituents
- Continued maintaining two webpages – brprojects.com and whatsgood.brla.gov – designed to provide information and educational resources to the public focused on the City-Parish’s SSO Program and wipe and FOG awareness initiatives, respectively
- Supported outreach to Baton Rouge residents through the Nextdoor neighborhood social network with Q4 2021 engagement metrics including the following:

Q4 2021 NEXTDOOR POSTS	REACTIONS	COMMENTS	IMPRESSIONS
Oct. 5: Hurricane Ida Debris Collection Update	5	16	4,694
Oct. 22: Hurricane Ida Debris Collection Update	20	40	23,224
Nov. 2: Hurricane Ida Debris Collection Update	15	31	22,469
Nov. 22: Household Hazardous Materials Collection Day is Dec. 4	29	N/A	7,387
Nov. 24: Thanksgiving Holiday Curbside Garbage and Recycling Collection	13	2	7,707
Nov. 29: Post Thanksgiving Garbage Service	12	12	4,467
Dec. 2: REMINDER – Join us this Saturday for Household Hazardous Materials Collection Day!	8	N/A	5,274

## DES School Outreach Program

- Continued supporting the DES School Outreach Committee to plan and implement 2021 school outreach and engagement initiatives, including:
  - Coordinated a public recognition ceremony for St. Joseph's Academy, winners of Mayor Broome's School Challenge as part of the City-Parish's participation in the 10th Annual Wyland Foundation National Mayor's Challenge for Water Conservation
  - Developed a mayoral proclamation that proclaimed Nov. 3, 2021, as St. Joseph's Academy Day
  - Coordinated media outreach and awareness for the public recognition ceremony, including a visit from Mayor Broome to the school and in-person, on-campus recognition of the school's students for their accomplishments in promoting sound environmental sustainability practices in East Baton Rouge Parish (see Appendix B)

## Operational Improvement

- Continued with the implementation of the 2020-2021 DES operational improvement and employee engagement program, including delivery of three leadership and management training sessions to DES managers to build and develop skills related to leadership and communication, with a focus focused on empowering DES staff with skills and knowledge that spur more effective and efficient service delivery to Baton Rouge residents

**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**

Oct. 1 - Dec. 31, 2021

Summary of Activities	1st Quarter (76)		2nd Quarter (77)		3rd Quarter (78)		4th Quarter (79)		Totals		
	76th Quarterly Total	Cum. % Complete	77th Quarterly Total	Cum. % Complete	78th Quarterly Total	Cum. % Complete	79th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>											
Lines Cleaned (ft)	160,699	28%	144,556	54%	56,387	63%	62,354	74%	423,996	74%	570,000
CCTV Inspected (ft)	239,457	42%	216,289	80%	89,539	96%	98,054	113%	643,339	113%	570,000
Smoke Tested (ft)	72,085		64,585		24,900		71,530		233,100		-----
Smoke Tested (no. of locations)	79		54		83		82		298		-----
Dye Water Flooded (no. of locations)	114		221		133		96		564		-----
Manholes Inspected (no.)	291	12%	850	46%	116	50%	78	53%	1,335	53%	2,500
Lines Repaired (no.)	464		290		311		151		1,216		-----
MH Rehabbed (no.)	289		508		431		561		1,789		-----
<b>Force Mains (240 miles)</b>											
Visual Surface Inspection (miles)	16.6	14%	21.6	32%	22.2	50%	27.4	73%	87.8	73%	120
Repaired (no.)	0		0		0		2		2		-----
<b>Air Release Valves (604)</b>											
Inspected/Maintained	83	9%	108	20%	111	31%	137	46%	439	46%	960 to 1,200
Repaired (no.)	5		17		51		55		128		-----
<b>Pump &amp; Lift Stations (421)</b>											
Inspections (no.)	1,570	3%	1,768	7%	2,258	12%	2,862	19%	8,458	19%	45,136
Wet wells cleaned	249		263		99		200		811		-----
Repaired (no.)	27		20		150		24		221		-----
<b>Peak Flow Storage Facilities (2)</b>											
Little Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104
Big Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104

**25%**      **50%**      **75%**      **100%**  
**Bold is percentage complete strived for on a quarterly basis that was not met.**

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
Oct. 1 - Dec. 31, 2021**

**North Plant- LA0036439**

Summary of Activities	1st Quarter (EPA Report No. 76)						2nd Quarter (EPA Report No. 77)							
	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Quarterly Total	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Quarterly Total	*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		*Cum. % Complete	
Gravity Collection System (2,460,000ft/10,640MH)														
Lines Cleaned (ft)					29,833	29,833						27,399	27,399	10%
CCTV Inspected (ft)					66,501	66,501						61,563	61,563	22%
Smoke Tested (ft)					29,919	29,919						27,519	27,519	
Smoke Tested (no. of locations)					32	32						24	24	
Dye Water Flooded (no. of locations)					51	51						88	88	
Manholes Inspected (no.)					88	88						400	400	20%
Lines Repaired (no.)					104	104						145	145	
MH Rehabbed (no.)					88	88						250	250	
<b>Force Mains (120 miles)</b>														
Visual Surface Inspection (miles)					7.0	7.0						5.0	5	10%
Repaired (no.)						0						0	0	
<b>Air Release Valves (335)</b>														
Inspected/Maintained					35	35	1					25	25	6%
Repaired (no.)												1	1	
<b>Pump &amp; Lift Stations (141)</b>														
Inspections (no.)					553	553						616	616	3%
Wet wells cleaned					97	97						102	102	
Repaired (no.)							14					7	7	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
Oct. 1 - Dec. 31, 2021**

**North Plant- LA0036439**

Summary of Activities	3rd Quarter (EPA Report No. 78)						4th Quarter (EPA Report No. 79)							
	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		
Gravity Collection System (2,460,000ft/10,640MH)														
Lines Cleaned (ft)					6,396	6,396	11%					19,656	19,656	15%
CCTV Inspected (ft)					13,867	13,867	25%					28,285	28,285	30%
Smoke Tested (ft)					10,500	10,500						7,200	7,200	
Smoke Tested (no. of locations)					35	35						24	24	
Dye Water Flooded (no. of locations)					57	57						34	34	
Manholes Inspected (no.)					28	28	21%					9	9	21%
Lines Repaired (no.)					81	81						11	11	
MH Rehabbed (no.)					78	78						147	147	
						0							0	
<b>Force Mains (120 miles)</b>						0							0	
Visual Surface Inspection (miles)						12.2	20%					16.4	16	34%
Repaired (no.)													0	
													0	
<b>Air Release Valves (335)</b>						0							0	
Inspected/Maintained						61	13%					82	82	21%
Repaired (no.)						24						33	33	
													0	
<b>Pump &amp; Lift Stations (141)</b>						0							0	
Inspections (no.)						1,351	6%					1,719	1,719	9%
Wet wells cleaned						33						71	71	
Repaired (no.)						92						13	13	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
Oct. 1 - Dec. 31, 2021**

**South Plant-LA0036412**

Summary of Activities	1st Quarter (EPA Report No. 76)						2nd Quarter (EPA Report No. 77)								
	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Field Engr.-contr. (Rout.)	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Field Engr.-contr. (Rout.)	Quarterly Total	*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	*Cum. % Complete	
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>															
Lines Cleaned (ft)					130,866	130,866						117,157	117,157	44%	
CCTV Inspected (ft)					172,956	172,956						154,726	154,726	57%	
Smoke Tested (ft)					42,166	42,166						37,066	37,066		
Smoke Tested (no. of locations)					47	47						30	30		
Dye Water Flooded (no. of locations)					63	63						133	133		
Manholes Inspected (no.)					203	203						450	450	26%	
Lines Repaired (no.)					360	360						145	145		
MH Rehabbed (no.)					201	201						258	258		
<b>Force Mains (110 miles)</b>															
Visual Surface Inspection (miles)					9.6	9.6							16.6	16.6	22%
Repaired (no.)													0	0	
<b>Air Release Valves (251)</b>															
Inspected/Maintained					48	48							83	83	14%
Repaired (no.)						4							16	16	
<b>Pump &amp; Lift Stations (259)</b>															
Inspections (no.)					1,017	1,017							1,152	1,152	5%
Wet wells cleaned					152	152							161	161	
Repaired (no.)						13							13	13	
<b>Peak Flow Storage Facilities (2)</b>															
Little Peak site visits-Decommissioned														0	0%
Big Peak site visits-Decommissioned														0	0%

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance



**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
**Oct. 1 - Dec. 31, 2021**

**South Plant-LA0036412**

Summary of Activities	3rd Quarter (EPA Report No. 78)						4th Quarter (EPA Report No. 79)							
	WWC (w/AMP)		WWC-PS	Field Engr.	Engr.-Rout.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS	Field Engr.	Engr.-Rout.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)		
Gravity Collection System (4,640,000ft/21,580MH)														
Lines Cleaned (ft)					49,991	52%						42,698	42,698	60%
CCIV Inspected (ft)					75,672	71%						69,769	69,769	83%
Smoke Tested (ft)					14,400							64,330	64,330	
Smoke Tested (no. of locations)					48							58	58	
Dye Water Flooded (no. of locations)					76							62	62	
Manholes Inspected (no.)					88	30%						69	69	32%
Lines Repaired (no.)					230							140	140	
MHI Rehabbed (no.)					353							414	414	
Force Mains (110 miles)														
Visual Surface Inspection (miles)					10	30%						11.0	11.0	39%
Repaired (no.)												2	2	
Air Release Valves (251)														
Inspected/Maintained					50	19%						55	55	25%
Repaired (no.)												22	22	
Pump & Lift Stations (259)														
Inspections (no.)					907	7%						1,143	1,143	9%
Wet wells cleaned					66							129	129	
Repaired (no.)												11	11	
Peak Flow Storage Facilities (2)														
Little Peak site visits-Decommissioned														
Big Peak site visits- Decommissioned														
					0	0%						0	0	0%
					0	0%						0	0	0%

Rout.-Routine Maintenance  
 Corr.-Corrective Maintenance

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<b>CROSS CONNECTION ELIMINATION PLAN</b>	<b>A</b>
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**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**

One cross connection was discovered during this quarter. There is no anticipated non-compliance. During the reporting period approximately 71,530 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connection was identified. There was no exceptions in enforcing the ban on private cross connections.

<b>Summary</b>	<b>North Plant LA0036439 AI# 4843</b>	<b>South Plant LA0036412 AI# 4841</b>	<b>Total</b>
Total No. of Cross Connections Identified:	0	1	1
Total No. of Cross Connections Eliminated:	0	1	1
Total No. of Private Cross Connections Identified:	0	0	0
Total No. of Private Cross Connections Eliminated:	0	0	0

**Part A – Cross Connection Elimination Plan**

<b>Summary of Cross Connections Identified</b>						
<b>Number</b>	<b>Date Identified</b>	<b>Location</b>	<b>Private (Y/N)</b>	<b>Current Status</b>	<b>Notice Date</b>	<b>Date Eliminated</b>
<b>North Plant (LA0036439 AI# 4843)</b>						
<b>South Plant (LA0036412 AI# 4841)</b>						
1	10/27/2021	4955 North St.	N	Eliminated		11/01/2021

The City/Parish  [is]  [is not] in compliance with Section VIII Elimination of Cross Connections for the period 10/01/21 to 12/31/21. 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 Environmental Services staff, have followed our standard operating procedures, and continued to follow the equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Collection System Preventive Maintenance Plan. A summary of the collection system preventive maintenance activities for this reporting period is provided in the table on page B-2. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs and other facilities. Quarterly goals for specific activities identified in the Collection System Preventive Maintenance Plan were not achieved this quarter. The percentages of collection lines cleaned, force mains inspected, manholes inspected, ARV and Pump & Lift Stations inspected did not reach the 4<sup>th</sup> quarter goal of 100%. We will increase the inspection quantities required on the Physical Inspection project for the next quarter. We do not anticipate any non-compliance related to preventive maintenance activities in the future. Note that the gravity system preventative maintenance activities are tied to the design schedules of the RMAP2 Submittal Category 1- Comprehensive Rehabilitation Projects.

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

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



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

**Summary of Collection System Activities**

	<b>Quarterly Total Oct.-Dec. 2021</b>	<b>Cumulative 2021 Annual Total</b>	<b>2021 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	62,354	423,996	<b>570,000</b>
CCTV Inspected (ft)	98,054	643,339	<b>570,000</b>
Smoke Tested (ft)	71,530	233,100	----
Smoke Tested (no. of locations)	82	298	----
Dye Water Flooded (no. of locations)	96	564	----
Manholes Inspected (no.)	78	1,335	<b>2,500</b>
Lines Repaired (no.)	151	1,216	----
MH Rehabbed (no.)	561	1,789	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	27.4	87.8	<b>120</b>
Repaired (no.)	2	2	----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	137	439	<b>960 to 1,200</b>
Repaired (no.)	55	128	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	2,862	8,458	<b>45,136</b>
Wet wells cleaned	200	811	----
Repaired (no.)	24	221	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- Decommissioned	n/a	n/a	<b>104</b>
Big Peak site visits- Decommissioned	n/a	n/a	<b>104</b>

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

The City/Parish  [is]  [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 10/1/21 to 12/31/21. 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 Oct. – Dec. 2021</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	19,656	0	19,656
CCTV Inspected (ft)	28,285	0	28,285
Smoke Tested (ft)	7,200	0	7,200
Smoke Tested (no. of locations)	24	0	24
Dye Water Flooded (no. of locations)	34	0	34
Manholes Inspected (no.)	9	0	9
Lines Repaired (no.)	11	0	11
MH Rehabbed (no.)	147	0	147
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	16.4	0.0	16.4
Repaired (no.)	0	0	0
<b>Air Release Valves (335)</b>			
Inspected / Maintained	82	0	82
Repaired (no.)	0	33	33
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	1,719	0	1,719
Wet wells cleaned	71	0	71
Repaired (no.)	0	13	13

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

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

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

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

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct. – Dec. 2021</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	42,698	0	42,698
CCTV Inspected (ft)	69,769	0	69,769
Smoke Tested (ft)	64,330	0	64,330
Smoke Tested (no. of locations)	58	0	58
Dye Water Flooded (no. of locations)	62	0	62
Manholes Inspected (no.)	69	0	69
Lines Repaired (no.)	140	0	140
MH Rehabbed (no.)	414	0	414
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	11	0.0	11.0
Repaired (no.)	0	2	2
<b>Air Release Valves (251)</b>			
Inspected / Maintained	55	0	55
Repaired (no.)	0	22	22
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	1,143	0	1,143
Wet wells cleaned	129	0	129
Repaired (no.)	0	11	11
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a
Big Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a

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

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

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

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

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

**Summary of Activities**

A total of fifty six (56) Sanitary Sewer Overflows (SSOs) were responded to during this reporting period, no overflows occurred at the wastewater treatment plants. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows in the wastewater collection system, including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for all unauthorized discharges during this reporting period. Document revisions and employee training for the SSO Response Plan shall be scheduled. The City/Parish complied with the Collection System Preventive Maintenance Program.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>14</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>42</b>
<b>Total</b>	<b>56</b>

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

The City/Parish  [is]  [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 10/1/21 to 12/31/21. If not, see comments above.

**Part D:**  
Reporting of  
Unauthorized Discharges

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

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

### **Summary of Unauthorized Discharges**

The attached Sanitary Sewer Overflow Monitoring Report provides information about the unauthorized discharges discovered in the collection system during the reporting period, such as the date, location, cause, action taken to reduce or eliminate the discharge, surface water that received the discharge and quantity of the discharge. The attached Sanitary Sewer Overflow Monitoring Report also identifies the steps taken to prevent the recurrence of the discharge. As shown below, a total of fifty six (56) unauthorized discharges occurred during this quarter, no discharges occurred at the wastewater treatment plants.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>14</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>42</b>
<b>Total</b>	<b>56</b>

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

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

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

The City/Parish  [is]  [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 10/1/21 to 12/31/21. If not, see comments above.

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

NORTH Sewer District Collection System LPDES LA0036439A/# 4843  
10/01/2021 To 12/31/2021

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/2/2021	5946 Nashville Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 035-00092.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. Two gallons of D-B-K disinfectant, two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	90	35	37	101	6.49	
10/18/2021	10312 Veterans Memorial Blvd.	There was a malfunctioning Air Release Valve causing the sewer manhole to overflow. ARV# 045-21.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, one gallon of Pacific Moon, and two and one half gallons of Beta Magic. One gallon of Bleach was used to sanitize the site.	Pump Station Section was contacted to dispatched a crew to repair the faulty Air Release Valve.	Monte Sano Bayou	260	45	46	49	7.45	
10/18/2021	17109 Fir Ave.	Pump Station # 264 was down - high wet well - pump station mechanic found the rotameter at zero. Pump Station mechanic re-calibrated the rotameter. Pump Station was back in service at 18:30hrs. MH# 264-00026.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using twenty three gallons of Mountain Fresh, seven gallons of Pacific Moon, and two and one half gallons of Beta Magic. Twenty two gallons of Bleach was used to sanitize the canal.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Beaver Bayou	8,991	264	155	124	7.02	
10/18/2021	17148 Ashton Ave.	Pump Station # 264 was down - high wet well - pump station mechanic found the rotameter at zero. Pump Station mechanic re-calibrated the rotameter. Pump Station was back in service at 18:30hrs. MH# 264-00026.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, one gallon of Pacific Moon, and two and one half gallons of Beta Magic. One gallon of Bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Beaver Bayou	8,991	264	155	124	7.02	



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

NORTH Sewer District Collection System LPDES LA0036439A# 4843  
10/01/2021 To 12/31/2021

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
11/1/2021	6417 Donnybrook Ave.	There was a malfunctioning Air Release Valve causing the sewer to overflow from the manhole. ARV# 164-	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Pacific Moon. Two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	Draughan Creek	276	164	82	118	7.01	
11/5/2021	4222 E. Caribou Court	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 128-00050AA.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. Two gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	500	128	171	80	6.12	
11/11/2021	5925 Nashville Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH#035-00116.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Pacific Moon.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	200	35	127	147	7.19	
11/19/2021	11054 Henson Dr.	There evidence of sewage discharge around the six inch clean-out. The discharge was caused by a stoppage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 325-00022.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	Advised the resident and provided a flyer indicating the best practices.	None	25	325	40	54	6.79	
11/30/2021	10181 Avenue B.	There was a stoppage found in the six inch service lateral causing the six inch clean-out to overflow. MH# 046-00236.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Advised the resident and provided a flyer indicating the best practices.	None	4	46	92	56	7.19	
12/13/2021	5963 Plank Rd.	There was evidence of sewage discharge around the sewer manhole. The discharge was possible caused by a surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 054-	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for I & I problems.	None	25	54	97	70	6.51	

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

NORTH Sewer District Collection System LPDES LA0036439A# 4843  
10/01/2021 To 12/31/2021

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/17/2021	Hollywood St.	There was a stoppage found in the city's main collection line. MH# 051-00818.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	We will request for the sewer line to CCTV for debris/roots/grease.	None	225	51	58	61	7.24	
12/17/2021	4232 E. Caribou Ct.	There was a stoppage found in the city's main collection line. MH# 128-00062A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	130	128	40	59	7.19	
12/23/2021	Shada Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 043-05008.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon of Neutra Dis Cherry, one gallon of Champ disinfectant, and one gallon of Bleach.	We will request for the sewer line to CCTV for debris/roots/grease.	None	220	43	38	14	7.00	
12/28/2021	755 Cormorant St.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 044-00163.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon of Bleach.	We will request for the sewer line to CCTV for debris/roots/grease.	None	120	44	71	29	7.23	

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

**SOUTH Sewer District Collection System LPDES LA0036412 A#4841  
10/01/2021 To 12/31/2021**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/1/2021	10412 Landsbury Ave.	Pump Station # 036 was down - high wet well - pump station mechanic found the pump station was not operating. Pump Station mechanic connected a by-pass pump up to the station. Pump Station was operational at 16:00hrs. MH# 036-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Clay Cut Bayou	22,500	36	57	160	7	
10/2/2021	18220 Shadow Creek Ave.	Pump Station # 390 was down - high wet well - pump station mechanic found the air tanks full and the regulators full. Pump Station mechanic drained the air tank and the regulator. Pump Station was back in service at 12:00hrs. MH# 390-00009;00012.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Knox Branch	2,955	390	29	57	6.91	
10/3/2021	10636 Landsbury Ave.	Pump Station # 036 was down - high wet well - Pump Station mechanic found the overloads had tripped. Pump Station mechanic re-set the overloads and replaced the heaters. Pump Station was back in service at 21:00hrs. MH# 036-00001B;00001E;00001G;00001L.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Clay Cut Bayou	22,500	36	48	106	7.01	
10/4/2021	3250 N. Acadian Thwy	There was a stoppage in the main collection line causing the six inch clean-out to overflow. MH# 060-07698.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	80	60	96	92	7.04	
10/13/2021	719 Charter Oak Dr.	There was a broken force main pipe causing the sewer to overflow into the canal. MH# 229-	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using four gallons of Mountain Fresh, and three gallons of Pacific Moon. Six gallons of D-B-K disinfectant, and nineteen gallons of Bleach was used to sanitize the site.	A work order was created to have contractors make the repair on the broken pipe.	Bayou Fountain	25	229	159	120	6.85	

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

**SOUTH Sewer District Collection System LPDES LA0036412 A#4841  
10/01/2021 To 12/31/2021**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/13/2021	730 Triple Oaks Dr.	There was a broken force main pipe causing the sewer to overflow into the canal. MH# 229-	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using two gallons of Mountain Fresh, and two gallons of Pacific Moon. Two gallons of D-B-K disinfectant, and eight gallons of Bleach was used to sanitize the site.	A work order was created to have contractors make the repair on the broken pipe.	Bayou Fountain	25	229	159	120	6.85	
10/13/2021	13824 Bywater Rd.	There was evidence of sewage discharge in the canal. The discharge was caused by a collapsed pipe. The Service Inspector did not witness the active overflow. MH# 262-00049.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using four gallons of Mountain Fresh, eight gallons of Liquid Breeze, eleven gallons of Pacific Moon. Fourteen gallons of D-B-K disinfectant, eight gallons of ready set go disinfectant, four gallons of upward disinfectant, and thirty gallons of Bleach was used to sanitize the canal. Two and one half gallons of Beta Magic was also used to deodorize the canal.	A work order was created to have contractors make the repair on the broken pipe.	Bayou Fountain	25	262	159	120	6.85	
10/14/2021	1715 Starboard Dr.	There was a stoppage in the main collection line causing the sewer manhole to overflow. MH# 061-00360D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using two gallons of Bleach. Five gallons of Citra-Flow was used to treat the grease build up in the sewer manhole.	We will request for the sewer line to be CCTV for debris/roots/grease.	Bayou Fountain	250	61	153	118	6.81	
10/14/2021	1237 Harco Dr.	There was a stoppage in the main collection line causing the sewer manhole to overflow. MH# 021-00091.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and two and one half gallons of Beta Magic. One gallon of Bleach, and one gallon of D-B-K disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Lvely Bayou	10,000	21	127	114	6.88	

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
10/01/2021 To 12/31/2021**

Date	Address	Cause	Action	Prevention	Rec. Waters Amt. Gals	PS	BOD	TSS	pH	ARD
10/15/2021	1016 Rendale Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. The stoppage crew was unable to clear the collection line due to a collapsed pipe. MH# 229-00001B.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh, and three gallons of Pacific Moon. Two gallons of D-B-K disinfectant was used to sanitize the site.	A work order was created to have contractors make the repair on the broken pipe.	100	229	154	134	6.95	
10/15/2021	4757 O'Neal Lane	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 346-00025.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using two gallons of Bleach, and two gallons of D-B-K disinfectant.	We will request for the sewer line to be CCTV for debris/roots/grease.	4,500	346	154	134	6.95	
10/18/2021	8223 Skysail Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 294-00038.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. Three gallons of D-B-K disinfectant, and two gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	5	294	137	126	na	
10/19/2021	Ben Hur Rd. @ Lake Edge Ave.	There was a malfunctioning Air Release Valve causing the sewer manhole to overflow. ARV#	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Upward disinfectant was used to sanitize the site.	Pump Station Section was contacted to dispatched a crew to repair the faulty Air Release Valve.	1,000	461	209	243	7.19	
10/20/2021	12401 Parkmeadow Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 148-00089.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	3,000	148	111	48	7.09	
11/3/2021	4535 Bennington Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 005-04032E.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Pacific Moon, and two gallons of Mountain Fresh. Two gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	750	5	111	131	7.21	

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

**SOUTH Sewer District Collection System LPDES LA0036412 AH#4841  
10/01/2021 To 12/31/2021**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
11/3/2021	8686 Coy Ave.	There was evidence of sewage discharge around the six inch clean-out. The discharge was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 102-00004.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	102	111	131	7.21	
11/7/2021	932 Holystone Dr.	Pump Station # 245 was down - high wet well - pump station mechanic found the floats was not working. Pump Station mechanic replaced the floats. Pump Station was back in service at 13:00hrs. MH# 245-00016.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using three gallons of Pacific Moon.	Schedule maintenance records will document operational status of the pump station make adjustment when needed. Pump Station not yet connected to SCADA for remote monitoring.	Bayou Duplantier	4,500	245	59	16	7.2	
11/10/2021	4444 Kolin Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 058-04006.	Recorded sewage discharge and dispatched wash truck to clear the stoppage the site was washed with fresh water and deodorized using three gallons of Pacific Moon. Three gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also request for a dye or smoke test to be performed on the main collection.	Clay Cut Bayou	2	58	103	87	7.11	
11/9/2021	10860 E. Fuller Place.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a stoppage in the city's main collection line causing the sewer manhole to overflow. The Service Inspector did not witness the active overflow. MH# 058-04000.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using three gallons of Bleach.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also request for a dye or smoke test to be performed on the main collection.	Clay Cut Bayou	2	58	137	128	7.14	
11/12/2021	Gwenadele Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 058-08154.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	2,500	58	142	147	7.17	
11/16/2021	4678 W. Fuller Place	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by pump mechanic working at the pump station. The Service Inspector did not witness the active overflow. MH# 058-04000.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using three gallons of Mountain Fresh. Three gallons of Bleach was used to sanitize the site. One gallon of Pacific Moon was also used to deodorize the area.	Schedule maintenance records will document operational status of the pump station make adjustment when needed	None	25	95	104	57	7.34	

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

**SOUTH Sewer District Collection System LPDES LA0036412 AH#4841  
10/01/2021 To 12/31/2021**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
11/16/2021	1957 N. Ardenwood Dr.	There was evidence of sewage discharge around the six inch clean-out. The discharge was caused by a stoppage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 058-00001A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. Two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Advised the Apartment Manager and provided a flyer indicating the best practices.	None	25	58	104	57	7.34	
11/17/2021	637 Woodleigh Dr.	There evidence of sewage discharge around the six inch clean-out. The discharge was caused by a stoppage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 229-00015.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	Advised the resident and provided a flyer indicating the best practices.	None	25	229	148	131	6.82	
11/19/2021	11888 Longridge Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 143-00012.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Mountain Fresh. Three gallons of Bleach was used to sanitize the site. One gallon of Pacific Moon was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	250	143	129	58	6.89	
11/23/2021	8240 Governor Dr.	There was a stoppage in the city's main collection line causing the sewer manhole to overflow. MH# 279-00022.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Mountain Fresh. Two gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Bayou Fountain	5	279	147	158	7.04	
11/23/2021	4936 Convention St.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 058-	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. Two gallons of Upward disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	58	147	158	7.04	
11/24/2021	932 Holystone Dr.	Pump Station # 245 was down - high wet well - pump station mechanic found one of the pumps not working. Pump Station mechanic replaced the broken pump with a new pump. Pump Station was back in service at 20:00hrs.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was wash with fresh water and deodorized using two gallons of Pacific Moon. Two gallons of Bleach was used to sanitize the site.	Schedule maintenance records will document operational status of the pump station make adjustment when needed. Pump Station not yet connected to SCADA for remote monitoring.	Bayou Duplantier	3,600	245	171	154	6.82	

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

**SOUTH Sewer District Collection System LPDES LA0036412 A#4841  
10/01/2021 To 12/31/2021**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/4/2021	3243 Marydon Dr.	There was a stoppage found in the city's main collection line. MH# 051-00267.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Mountain Fresh, three gallons of Pacific Moon. Four gallons of Bleach, and four gallons of Upward disinfectant was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	163	51	110	129	7.00	
12/5/2021	17652 Greens Court	There was a stoppage found in the six inch service lateral causing the clean-out to overflow. MH# 344-00585.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon.	Advised the resident and provided a flyer indicating the best practices. We will also add the main collection line to the perventive maintenance list.	None	10	344	141	115	7.00	
12/6/2021	12377 Buckingham Ave.	Pump Station # 087 was down - high wet well - pump station mechanic found the overloads had tripped. Pump Station mechanic re-set the breaker on the overloads and checked amps. Pump Station was back in service at 17:30hrs. MH# 087-00384.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	Schedule maintenance records will document operational status of the pump station make adjustment when needed.	Jones Creek		87	167	256	6.76	1.1
12/6/2021	2805 W. Amite Dr.	Pump Station # 041 was down - high wet well - pump station mechanic found the GFCI tripped inside of PLC panel. Pump Station mechanic re-set the GFCI. Pump Station was back in service at 20:30hrs. MH# 041-00015.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	Schedule maintenance records will document operational status of the pump station make adjustment when needed.	Draughan Creek	19,080	41	251	623	6.80	1.1
12/7/2021	1411 Glasgow Ave.	There was evidence of sewage discharge around the sewer manhole. The discharge was possible caused by a surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 005-04138.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	We will request for the sewer line to CCTV for I & I problems.	None	25	5	88	67	6.73	
12/7/2021	343 W. Chalfont Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was possible caused by a surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 062-00038.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for I & I problems.	None	25	62	113	147	6.45	



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

SOUTH Sewer District Collection System LPDES LA0036412\_AIR#4841  
10/01/2021 To 12/31/2021

Date	Address	Cause	Action	Prevention	Rec. Waters Amt. Gals	PS	BOD	TSS	pH	ARD
12/8/2021	11211 Industriplex Blvd.	There was a stoppage found in the six inch service lateral causing the clean-out to overflow. MH# 287-00030.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	Advised the resident and provided a flyer indicating the best practices.	None	287	74	171	6.45	
12/12/2021	Manchester Ave.	There are contractors making a repair on the force main at pump station # 889. The discharge was caused by a leaking hose on a by-pass pump. The Service Inspector did not witness the active overflow. MH# 889-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	Schedule maintenance records will document operational status of the pump station make adjustment when needed	None	889	120	112	7.08	
12/20/2021	2175 Cedarcrest Ave.	There was a stoppage found in the city's main collection line. MH# 058-01495.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	300	174	173	7.02	
12/21/2021	1149 Rodin Dr.	There was a stoppage found in the city's main collection line. MH# 058-	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh, and three gallons of Pacific Moon. Four gallons of Bleach was used to sanitize the site. Five gallons of Beta Magic was also used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	400	110	149	7.86	
12/26/2021	Essen Lane	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 058-00307A;00308;00309.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh.	We will request for the sewer line to CCTV for debris/roots/grease.	Ward Creek	20,000	136	130	6.64	
12/30/2021	5943 Woodlawn Park Court	There was a stoppage found in the city's main collection line causing the six inch clean-out and the sewer manholes to overflow. MH# 274-00206;00207.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	Jacks Bayou	600	173	173	7.06	
12/31/2021	16019 Derby Ave.	There was a stoppage found in the city's main collection line. MH# 283-00025.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	We will request for the sewer line to CCTV for debris/roots/grease.	None	100	179	119	7.12	

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

**SOUTH Sewer District Collection System LPDES LA0036412 A1#4841  
10/01/2021 To 12/31/2021**

Date	Address	Cause	Action	Prevention	Rec. Waters Amt. Gals	PS	BOD	TSS	pH	ARD
12/31/2021	2263 Pickett Ave.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a malfunctioning Air Release Valve. The Service Inspector did not witness the active overflow. ARV# 005-	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using two gallons of D-B-K disinfectant.	Pump Station Section was contacted to dispatched a crew to repair the faulty Air Release Valve.	None	5	140	83	7.08	
12/31/2021	3275 Marydon Dr.	There was a stoppage found in the city's main collection line. MH# 051-00268.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	51	140	83	7.08	

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

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

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

**Compliance Status**

1. The City/Parish was 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 both the BOD and TSS percent removal for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the North Wastewater Treatment Plant during this reporting period is \$10,000. Non-compliance was due to operational issues at the NWWTP.

During this reporting period, several trickling filters were out of service which reduced the BOD reduction capabilities. Influent BOD values were also very low during this period. Further noncompliance is not anticipated.

NWWTP	Permit Level	4 <sup>th</sup> Quarter 2021			Stipulated Penalty		
		Oct	Nov	Dec	# of Occurrences	Per Occurrence	Total
<b><u>BOD</u></b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	85%	80	83	80	3	\$2,500	\$7,500
<b><u>TSS</u></b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	85%	C	C	82	1	\$2,500	\$2,500
<b><u>TRC**</u></b>							
Daily Max. (mg/l)	1.3	C	C	C			
<b><u>Total Nitrogen**</u></b>							
7-Day Avg. (mg/l)		31.7	31.7	31.7			
Monthly Avg. (mg/l)		31.7	31.7	31.7			
<b><u>Total Phosphorus**</u></b>							
7-Day Avg. (mg/l)		3.9	3.9	3.9			
Monthly Avg. (mg/l)		3.9	3.9	3.9			
<b><u>Fecal Coliform</u></b>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
<b>Total</b>							<b>\$10,000</b>

## Part E - Consent Decree Compliance Status

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C-Compliance

- Reflects Permit

\* Modifications as of 8/1/2016

\*\*Modifications as of 9/1/2018

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

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 10/01/21 to 12/ 31 / 21. If not, see comments above.