



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 75

January 22, 2021



January 22, 2021

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 Fifth Quarterly Report - **Period Ending December 31, 2020**

Ms. Seager,

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 75th Consent Decree Quarterly Report covering activities for the quarter ending December 31, 2020. 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 75th 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 fifth quarterly report is true, accurate and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

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 Bates, 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 20, 2021

To: Mr. Darren P. Braud, Wastewater Collection Division
Mr. Paul Nata, Wastewater Collection Division
Ms. Cynthia Thomas, Wastewater Treatment and Disposal Division

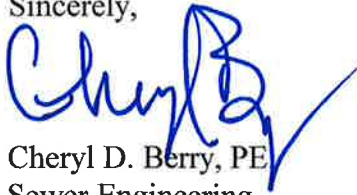
From: Ms. Cheryl Berry, P.E., Sewer Engineering Division

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Seventy Fifth Quarterly Report – Period Ending December 31, 2020
Data Review

Sir or Madam:

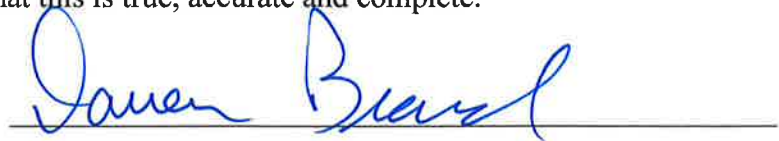
Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Seventy Fifth Quarterly Report. Once the review of your portion of data is complete and corrected,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

Sincerely,



Cheryl D. Berry, PE
Sewer Engineering

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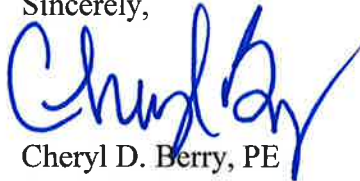
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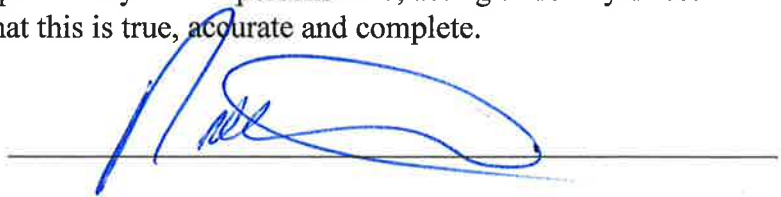
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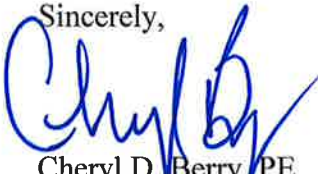
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75th Quarterly Report - Executive Summary

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 45th Quarterly EPA Report.

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

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, 2020)

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

Name	Date Submitted	Additional Information
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

Name	Deadline	Completion Date	Resubmission/Update
<i>Quarterly Reports</i>			
	74 th 31-Oct-20	21-Oct-20	
	73 rd 31-Jul-20	22-Jul-20	
	72 nd 30-Apr-20	22-Apr-20	

Table 2. Summary of Consent Decree Reporting Deliverables

Name	Deadline	Completion Date	Resubmission/Update	
	71 st	31-Jan-20	21-Jan-20	
	70 th	31-Oct-19	21-Oct-19	
	69 th	31-Jul-19	22-Jul-19	
	68 th	30-Apr-19	24-Apr-19	
	67 th	31-Jan-19	23-Jan-19	
	66 th	31-Oct-18	22-Oct-18	
	65 th	31-Jul-18	25-Jul-18	
	64 th	30-Apr-18	23-Apr-18	
	63 rd	31-Jan-18	Jan-23-18	
	62 nd	31-Oct-17	23-Oct-17	
	61 st	31-Jul-17	24-Jul-17	
	60 th	30-Apr-17	26-Apr-17	
	59 th	31-Jan-17	20-Jan-17	
	58 th	31-Oct-16	21-Oct-16	
	57 th	31-Jul-16	22-Jul-16	
	56 th	30-Apr-16	22-Apr-16	
	55 th	31-Jan-16	23-Jan-16	
	54 th	31-Oct-15	23-Oct-15	
	53 rd	31-Jul-15	24-Jul-15	
	52 nd	30-Apr-15	24-Apr-15	
	51 st	31-Jan-15	21-Jan-15	
	50 th	31-Oct-14	20-Oct-14	
	49 th	31-Jul-14	22-Jul-14	
	48 th	30-Apr-14	21-Apr-14	
	47 th	31-Jan-14	21-Jan-14	
	46 th	31-Oct-13	18-Oct-13	
	45 th	31-Jul-13	24-Jul-13	1-Aug-13
	44 th	30-Apr-13	19-Apr-13	
	43 rd	31-Jan-13	25-Jan-13	
	42 nd	31-Oct-12	23-Oct-12	
	41 st	31-Jul-12	25-Jul-12	
	40 th	30-Apr-12	26-Apr-12	
	39 th	31-Jan-12	26-Jan-12	
	38 th	31-Oct-11	26-Oct-11	

Table 2. Summary of Consent Decree Reporting Deliverables

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

Table 2. Summary of Consent Decree Reporting Deliverables

Name	Deadline	Completion Date	Resubmission/Update
	3 rd 31-Jan-03	27-Jan-03	
	2 nd 31-Oct-02	23-Oct-02	
	1 st 31-Jul-02	23-Jul-02	
<i>Annual Reports</i>			
	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 nd RMAP Report	1-Dec-02	20-Nov-02	8-Sep-08
RMAP1 Completion Report	30-Apr-11	27-Apr-11	
Updated Outreach and Public Awareness Plan		13-Nov-01	27-Apr-11
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 1st quarter 2011. The City/Parish asserts that this project is not susceptible to stipulated penalties due to the circumstances of the delay beyond the control of the City/Parish. The circumstances behind the delay are explained in detail below and have been also mentioned in the previous Quarterly EPA Reports. The *RMAP1 Completion Report* was included previously in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* at the end of the 36th Quarterly EPA Report.

Table 3. EPA Consent Decree Summary and RMAP1 Milestones

	Milestone Date	Projects	Projects	Project Status Summary
		Completed	Completed	
		5/4/2007	9/1/2008	
Construction Status	Complete	Complete		
Consent Decree Projects	Corresponding City/Parish Projects			
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	●		
N-06 PS 43 Area Upgrades				
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	●		
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	●		
	NTSN SS Eval. Study (99-RMP-N-99)	●		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	●		
***N-99 North Further Investigations	**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-S01B)	●		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	●		
	SSO Engr-South (99-RMP-S99)	●		
***S-99 South Further Investigations	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	●		
	PS 944 Area Upgrade (99-RMP-S99)	●		
	PS 177 Area Upgrade (99-RMP-S99)	●		
	**PS 211 Area Upgrades (99-RMP-S11)	●		
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.

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		9/1/2008
		Construction Status	Complete		Complete
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)			Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.	
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		4 th Quarter 2008	Project completed – 4th quarter 2008 (at 80% complete with construction). Project was in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.	
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 th Quarter 2007	Project completed – 4th quarter 2007.	
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 nd Quarter 2010	Project completed – 1st quarter 2011.	
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 nd Quarter 2010	Project completed – 2nd quarter 2009.	
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 nd Quarter 2010	Project completed – 2nd quarter 2010.	

*Notes: This project was executed as a combination of two RMAP1 projects

**Notes: These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree

***Notes: This RMAP1 project was split up into multiple projects for better execution

RMAP2 Project Descriptions and Schedule for Completion

The City/Parish and 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 *45th 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 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Jefferson Hwy – HooShooToo Road	●			Project completed – 3 rd quarter 2009.
Staring Lane – Boone Drive Area Rehabilitation Project	●			Project completed – 2 nd quarter 2010.
Burbank Drive – Gardere Lane Area Rehabilitation Project	●			Project completed – 1 st quarter 2011.
Oak Villa – Choctaw Street Area Rehabilitation Project	●			Project completed – 3 rd quarter 2011.
Scotland Avenue – Progress Road Area Rehabilitation Project	●			Project completed – 2 nd quarter 2011.

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 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project	●			Project completed – 3 rd quarter 2011.
Sharp Road – Florida Boulevard Area Rehabilitation Project	●			Project completed – 3 rd quarter 2012.
Kenilworth Boulevard – Boone Drive Area Rehabilitation Project	●			Project completed – 3 rd quarter 2012.
Foster Drive – Government Street Area Rehabilitation Project Phase A	●			Project completed – 4 th quarter 2011.
Foster Drive – Government Street Area Rehabilitation Project Phase B	●			Project completed – 3 rd quarter 2012.
Silverleaf Road – Ford Street Area Rehabilitation Project	●			Project completed – 4 th quarter 2012.
Brookstown Road – Evangeline Street Phase I Area Rehabilitation Project	●			Project completed – 4 th quarter 2012.
Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project	●			Project completed – 4 th quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project		●		Project completed – 4 th quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project		●		Project completed – 1 st quarter 2013.
Highland Road – Washington Street Area Rehabilitation Project		●		Project completed – 3 rd quarter 2013.
Stanford Avenue – Morning Glory Road Area Rehabilitation Project	●			Project completed – 4 th quarter 2012.
Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project		●		Project completed – 3 rd quarter 2014.
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		●		Project completed – 2 nd quarter 2015.
Acadian Thruway – Claycut Road Area Rehabilitation Project		●		Project completed – 1 st quarter 2013.
Acadian Thruway – Perkins Road Area Rehabilitation Project	●			Project completed – 4 th quarter 2012.
Antioch Road – Chadsford Drive Area Rehabilitation Project		●		Project completed – 2 nd quarter 2015.
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			●	Project completed – 1 st quarter 2016.
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project		●		Project completed – 2 nd quarter 2015.
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			●	Project completed – 2 nd quarter 2016.
Siegen Lane – Interstate 10 Area Rehabilitation Project			●	Project completed – 2 nd quarter 2017.
Interstate 110 – Hollywood Street Area Rehabilitation Project			●	Project completed – 3 rd quarter 2015.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			●	Project completed – 3 rd quarter 2016.

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 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Milestone Date				
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project			●	Project completed – 3 rd quarter 2017.
Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project			●	Project completed – 3 rd quarter 2018.
East Boulevard – Government Street Area Rehabilitation Project			●	Project completed – 3 rd quarter 2017.
North 38 th Street – Gus Young Avenue Area Rehabilitation Project			●	Project completed – 3 rd 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 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Milestone Date				
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Capitol Lake – Gayosa Street Area Capacity Improvements	●			Project completed – 2 nd quarter 2012.
Gurney Road – Joor Road	●			Project completed – 4 th quarter 2009.
Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades	●			Project completed – 1 st quarter 2011.
Comite Road – Foster Road Sewer Area Upgrades - Phase I	●			Project completed – 2 nd quarter 2010.
Foster Road –Hooper Road Sewer Area Upgrade	●			Project completed – 4 th quarter 2010.
Zachary Area Transmission Network Improvements Phase I - 3 Pump Stations and Equalization Basin		●		Project completed – 1 st quarter 2013.
Zachary Area Transmission Network Improvements Phase II–Red Mud Lakes Forcemain to NWWTP		●		Project completed – 2 nd quarter 2016.
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		●		Project completed – 4 th quarter 2014.

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Construction Status				
Zachary Area Transmission Network Improvements Phase IV–Zachary Improvements		•		Project completed – 4 th quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements			•	Project completed – 1 st quarter 2017.
South Boulevard – St. Joseph Street Sewer Area Upgrades	•			Project completed – 2 nd quarter 2012.
South Boulevard – St. Joseph Street Sewer Area Upgrades – Phase B			•	Project completed – 3 rd quarter 2017.
Downtown Area Pump Station Improvements		•		Project completed – 2 nd quarter 2012.
Highland Road – Buchanan Street Sewer Area Upgrades	•			Project completed – 4 th quarter 2011.
Citiplace/Essen Area - PS119 & Forcemain Improvements	•			Project completed – 3 rd quarter 2012.
Group Project 1A (Metro Airport Sewer Upgrades)		•		Project completed – 2 nd quarter 2013.
Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)		•		Project completed – 1 st quarter 2016.
Perkins/Old Perkins Area - Booster PS 514 Improvements		•		Project completed – 2 nd quarter 2013.
Group Project 2 (Old Perkins – Highland Road Area Upgrades)	•			Project completed – 2 nd quarter 2012.
Highland Road – Burbank Drive Capacity Improvements		•		Project completed – 4 th quarter 2016.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A		•		Project completed – 1 st quarter 2012.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B		•		Project completed – 1 st quarter 2015.
Bayou Duplantier Area Sewer Upgrades		•		Project completed – 3 rd 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 st quarter 2016.
Plank Road-Kleinpeter Road Sewer Area Upgrades		•		Project completed – 1 st quarter 2016.
O’Neal Lane Pipeline Improvements – Group A		•		Project completed – 4 th quarter 2014.
O’Neal Lane Pipeline Improvements – Group B		•		Project completed – 2 nd quarter 2015.

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Multiple PS - Nicholson Dr - Brightside Dr		●		Project completed – 2 nd quarter 2015.
Pump Station 58 Capacity Improvements		●		Project completed – 1 st quarter 2015.
Staring Lane FM (Phase I - Burbank Drive to Highland Road)	●			Project completed – 2 nd quarter 2010.
Staring Lane FM (Phase II-Highland Road to Perkins Road)		●		Project completed – 4 th quarter 2013.
Staring Lane FM (Phase III - Perkins to PS58)		●		Project completed – 3 rd quarter 2014.
Multiple PS - Jefferson Hwy - Park Forest Dr		●		Project completed – 3 rd quarter 2012.
Airline Highway Pipeline Improvements-Phase A			●	Project completed – 3 rd quarter 2017.
Airline Highway Pipeline Improvements-Phase B			●	Project completed – 3 rd quarter 2018.
Multiple PS - Highland Road - Kenilworth Parkway			●	Project completed – 2 nd quarter 2017.
Florida Boulevard Pump Station Improvements			●	Project completed – 4 th quarter 2018.
Plank Road Pump Station Improvements			●	Project completed – 1 st quarter 2017.
Multiple PS - Highway 61 - Plank Road			●	Project completed – 2 nd quarter 2018.
O'Neal Lane Pump Station Improvements – Group A			●	Project completed – 2 nd quarter 2017.
O'Neal Lane Pump Station Improvements – Group B			●	Project completed – 3 rd quarter 2017.
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			●	Project completed – 1 st quarter 2018.
Joor Road - Greenwell Springs Road Sewer Area Upgrades			●	Project completed – 3 rd quarter 2018.
Plank Road - Port Hudson Pride Road Sewer Area Upgrades			●	Project completed – 3 rd quarter 2015.
Highland Road Pipeline Improvements-Group A			●	Project completed – 3 rd quarter 2016.
Highland Road Pipeline Improvements-Group B			●	Project completed – 2 nd quarter 2017.
Oak Villa Boulevard - Monterrey Boulevard Sewer Area Upgrades			●	Project completed – 2 nd quarter 2017.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades			●	Project completed – 4 th quarter 2018.
Hooper Road Pump Station Improvements			●	Project completed – 3 rd quarter 2018.
Multiple PS - Prescott Rd-Greenwell Springs Rd			●	Project completed – 4 th quarter 2018.
Multiple PS - Burbank Drive - Siegen Lane			●	Project complete – 4 th quarter 2017.
Pump Station 42 Improvements		●		Project complete – 1 st 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 st QTR 2013	2 nd QTR 2015	4 th QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Pump Station 42 Forcemain - Phase I		●		Project complete – 3 rd quarter 2014.
Pump Station 42 Forcemain - Phase II		●		Project complete – 2 nd quarter 2014.
Central Consolidated Pump Stations		●		Project complete – 4 th quarter 2014.
Central Consolidated Forcemains–Phase I		●		Project complete – 3 rd quarter 2013.
Central Consolidated Forcemains–Phase II		●		Project complete – 3 rd 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
	Milestone Date	1 st QTR 2013	2 nd QTR 2015	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Choctaw Storage and Pump Station Facility		●		Project completed – 3 rd quarter 2013.
Hooper Storage Facility		●		Project completed – 2 nd quarter 2016.
SWWTP IAP (Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)	●			Project completed – 2 nd quarter 2011.
SWWTP IAP (Effluent Pumping Improvements)	●			Project completed – 1 st quarter 2008.
SWWTP Wet Weather Improvements-Phase I		●		Project completed – 2 nd quarter 2013.
SWWTP Wet Weather Improvements-Phase II (PDP portion)		●		Project completed – 2 nd 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 th quarter 2018.
NWWTP Standby Generator Project	Complete	Complete	Project completed – 4 th quarter 2018.
NWWTP Pretreatment & Grit Removal Rehabilitation Project	Complete	Complete	Project completed – 4 th quarter 2018.
NWWTP General Electrical Rehabilitation Project	Complete	Complete	Project completed – 4 th quarter 2018.
NWWTP Odor Control & Sodium Hypochlorite Project	Complete	Complete	Project completed – 4 th quarter 2018.

Table 7. Proposed Schedule for Projects Outside of Consent Decree

	Start	Scheduled Finish	Project Status Summary
NWWTP Sustainability Improvements Project	Complete	Complete	Project completed – 3rd quarter 2018.
NWWTP Master Plan Project #3 (Public Project) – Plant Buffer	Complete	Complete	Project completed – 3rd quarter 2018.
SWWTP Wet Weather Improvements – Phase II (Master Plan portion)	Complete	Complete	Project completed – 2nd quarter 2015.
Sewer System and WWTP Stand-by Power Program	Complete	Complete	Project completed – 4th quarter 2018.
SCADA (Collection System, Operations Data and Control Center)	Complete	Complete	Project completed – 4th quarter 2018.
Environmental Services Facility	Complete	Complete	Project completed – 2nd quarter 2017. (DES consolidated staff into one facility to facilitate communications and operations)
NWWTP Odor Control Project	Complete	Complete	Project completed – 4th quarter 2010.
Comite –Foster Road Sewer Area Upgrades - Phase II	Complete	Complete	Project completed – 1st quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements	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 – 2nd quarter 2017. (Central WWTP decommissioned 3 rd quarter 2016; permit discontinued 2 nd quarter 2017.)
Ward Creek Aerial Crossing Replacement Emergency Project	Complete	Complete	Project completed – 3rd quarter 2015.
South Basin Coordination Project	Complete	Complete	Project completed – 4th quarter 2016.
South WWTP Landscape Buffer Area	Complete	Complete	Project completed – 2nd 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 *36th 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 4th Quarter 2020 (Through December 31, 2020)

Some of the public outreach initiatives conducted this quarter include:

- Engaged the Spanish Town Civic Association during a sewer relocation project.

DES Communication Initiatives Summary 4th Quarter 2020 (Through December 31, 2020)

The City-Parish Department of Environmental Services' (DES) endeavors to educate and engage with residents, students, and stakeholder groups throughout East Baton Rouge Parish, particularly as it relates to the reach and impact of work taking place through the City-Parish's Sanitary Sewer Overflow (SSO) Program. Specific efforts included:

Public Outreach and Community Engagement

- Led public outreach and communications effort for the City-Parish's debris removal program following Hurricane Delta, including the design and development of curbside set-out visuals, numerous press releases detailing debris removal truck routes and status updates, and social media progress updates including direct communication with residents via Nextdoor platform
- Developed and implemented digital and social media messaging strategy to promote the public's awareness and attendance of the Fall 2020 Household Hazardous Materials Collection Day
- Continued building upon "Splish Splash, Don't Flush Your Trash" awareness campaign through the production and distribution of stickers and posters, promotion of the campaign via Nextdoor, integration of tools for the public to request posters for their place of business, and design and production of face coverings for DES employees to promote awareness and visibility of campaign messaging
- Continued coordinating the City-Parish's Litter Committee with representation from DES, the Mayor's Office, and citizen stakeholders, including the development and deployment of a comprehensive anti-litter awareness social media campaign throughout Q4 2020
- Continued with the implementation of the 2020 DES operational improvement and employee engagement program, including holding three leadership and management training sessions with DES division leaders during Q4 2020 focused on empowering DES staff with skills and knowledge that spur more effective and efficient service delivery to Baton Rouge residents

- 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
- Coordinated outreach to Baton Rouge residents through the Nextdoor neighborhood social network with Q4 2020 engagement metrics including the following:

Q4 2020 NEXTDOOR POSTS	“THANKS”	COMMENTS	IMPRESSIONS
Oct. 5: Fall 2020 Household Hazardous Materials Collection Day on Saturday, Oct. 17th	53	11	17,744
Oct. 8: Mayor Broome Announces Closure of City-Parish Buildings and Suspension of Garbage Collection Services	4	3	7,212
Oct. 9: Garbage Carts should be Secured during Hurricane Delta	4	3	5,628
Oct. 10: Garbage, Trash and Recycling Services are Suspended for Saturday, October 10 th	2	0	2,203
Oct. 10: Hurricane Delta Emergency Alert	17	2	2,963
Oct. 12: Storm debris from Hurricane Delta to be picked up beginning Oct. 19 in Baton Rouge	11	17	11,029
Oct. 16: REMINDER – Fall 2020 Household Hazardous Materials Collection Day Tomorrow, Saturday, Oct. 17 th	9	N/A	8,542
Oct. 16: Odors at Prescott and Airline (neighborhood-specific)	1	2	87
Oct. 18: Hurricane Delta Debris Pickup Begins Monday, October 19 th (neighborhood-specific)	5	1	1,128
Oct. 19: Did you participate in Household Hazardous Materials Collection Day and how did it compare to last year’s event?	11	30	13,406
Oct. 25: Hurricane Delta Debris Removal Update	48	41	26,227
Oct. 27: Hurricane Zeta Emergency Alert	20	N/A	2,961
Nov. 1: Hurricane Delta Debris Removal Continues as Crews Begin Moving into Additional Impacted Areas	43	51	32,242
Nov. 5: Splish Splash, Don’t Flush Your Trash!	32	8	13,851
Nov. 8: Hurricane Delta Debris Removal Update, Weekly Look Ahead	30	56	35,782
Nov. 12: Hurricane Delta Debris Removal Update	21	40	24,298
Nov. 16: Hurricane Delta Storm Debris Update	34	21	30,986
Nov. 23: Hurricane Delta Debris Removal Update	27	29	28,119
Nov. 25: Thanksgiving Emergency Alert	55	11	22,878

Q4 2020 NEXTDOOR POSTS	"THANKS"	COMMENTS	IMPRESSIONS
Nov. 25: Thanksgiving Holiday Curbside Garbage and Recycling Collection Schedule	7	1	7,483
Dec. 10: Bag your Garbage and Tie Your Garbage Bags Tight	56	11	19,961
Dec. 17: Litter – Part II	169	44	38,704
Dec. 22: Mayor-President Broome announces holiday service schedule for curbside garbage, recycling, and Christmas tree collection	19	2	8,211

DES School Outreach Program

- Convened the DES School Outreach Committee on Oct. 19 to discuss Fall 2020 virtual classroom activities and Spring 2021 school outreach initiatives
- Discussed partnership opportunities between the City-Parish and Southern University related to NASA federal planning grant focused on STEM concepts
- Met with the East Baton Rouge Parish School System to discuss additional partnership opportunities and ways to align DES focus areas with student, teacher, and administrator needs
- Developed three additional virtual learning videos consisting of hands-on demonstrations and activities for East Baton Rouge Parish teachers to use in their classrooms, including:
 - **Fats, Oils & Grease Activity:** DES Environmental Division team members Sarah Boudreaux and Albert de la Cruz provide a hands-on demonstration of how common household materials like fats, oils, and grease (FOG) can cause massive clogs in our sewer pipes, and how important it is to prevent these materials from entering our East Baton Rouge Parish sewer system.
 - **Water Filtration Activity:** DES Wastewater Treatment Lab Supervisor Michael Lowe introduces students to the concepts of water pollution, as well as the importance of wastewater treatment and access to clean water, through a hands-on water filtration experiment.
 - **Recycling Right in EBR:** City-Parish Recycling Manager Lisa Mahoney talks about how to “recycle right” in East Baton Rouge Parish, highlighting the importance of how recycling incorrectly can cause contamination and extreme problems for our local environment and recycling system.
- Communicated with database of more than 80 teachers and administrators in East Baton Rouge Parish, distributing these and other virtual resources to aid teachers in their Fall 2020 and Spring 2021 curriculum and planning

Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
Oct. 1 - Dec. 31, 2020

Summary of Activities	1st Quarter (72)		2nd Quarter (73)		3rd Quarter (74)		4th Quarter (75)		Totals		
	72nd Quarterly Total	Cum. % Complete	73rd Quarterly Total	Cum. % Complete	74th Quarterly Total	Cum. % Complete	75th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)											
Lines Cleaned (ft)	185,484	33%	160,368	61%	127,995	83%	146,266	109%	620,113	109%	570,000
CCTV Inspected (ft)	57,272	10%	93,385	26%	123,231	48%	120,209	69%	394,097	69%	570,000
Smoke Tested (ft)	129,823		51,775		55,127		113,009		349,734		
Smoke Tested (no. of locations)	0		156		160		146		462		
Dye Water Flooded (no. of locations)	197		145		135		77		554		
Manholes Inspected (no.)	34	1%	54	4%	0	4%	46	5%	134	5%	2,500
Lines Repaired (no.)	145		168		268		272		853		
MH Rehabbed (no.)	408		246		441		321		1,416		
Force Mains (240 miles)											
Visual Surface Inspection (miles)	20.0	17%	30.6	42%	30.8	68%	9.2	76%	90.6	76%	120
Repaired (no.)	0		5		1		1		7		
Air Release Valves (604)											
Inspected/Maintained	100	10%	153	26%	154	42%	46	47%	453	47%	960 to 1,200
Repaired (no.)	5		6		8		0		19		
Pump & Lift Stations (421)											
Inspections (no.)	1,196	3%	2,392	8%	2,417	13%	2,039	18%	8,044	18%	45,136
Wet wells cleaned	262		221		84		222		789		
Repaired (no.)	30		30		177		24		261		
Peak Flow Storage Facilities (2)											
Little Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104
Big Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104

Bold is percentage complete strived for on a quarterly basis that was not met.

25%

50%

75%

100%

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
Oct. 1 - Dec. 31, 2020**

North Plant- LA0036439

Summary of Activities	1st Quarter (EPA Report No. 72)						2nd Quarter (EPA Report No. 73)							
	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	*Cum. % Complete
Gravity Collection System (2,460,000ft/10,640MH)														
Lines Cleaned (ft)					30,269	30,269					70,433	70,433	18%	
CCTV Inspected (ft)					9,601	9,601					18,785	18,785	5%	
Smoke Tested (ft)					65,503	65,503					28,834	28,834		
Smoke Tested (no. of locations)					0	0					69	69		
Dye Water Flooded (no. of locations)					90	90					65	65		
Manholes Inspected (no.)					0	0					1	1	0%	
Lines Repaired (no.)					26	26					51	51		
MH Rehabbed (no.)					407	407					242	242		
Force Mains (120 miles)														
Visual Surface Inspection (miles)					1.8	1.8					1.4	1	3%	
Repaired (no.)					0	0					2	2		
Air Release Valves (335)														
Inspected/Maintained					9	9					7	7	2%	
Repaired (no.)					1	1				2		2		
Pump & Lift Stations (141)														
Inspections (no.)					478	478					1,056	1,056	3%	
Wet wells cleaned					112	112					108	108		
Repaired (no.)					13	13				13		13		

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
Oct. 1 - Dec. 31, 2020**

North Plant- LA0036439

Summary of Activities	3rd Quarter (EPA Report No. 74)						4th Quarter (EPA Report No. 75)						
	WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		
Gravity Collection System (2,460,000ft/10,640MH)													
Lines Cleaned (ft)					10,607						49,927	49,927	28%
CCTV Inspected (ft)					17,599						45,696	45,696	16%
Smoke Tested (ft)					34,252						68,637	68,637	
Smoke Tested (no. of locations)					80						72	72	
Dye Water Flooded (no. of locations)					56						32	32	
Manholes Inspected (no.)					0						0	0	0%
Lines Repaired (no.)					134						80	80	
MH Rehabbed (no.)					128						35	35	
					0						0	0	
Force Mains (120 miles)					0						0	0	
Visual Surface Inspection (miles)					22.8						2.0	2	23%
Repaired (no.)					0						0	0	
					0						0	0	
Air Release Valves (335)					0						0	0	
Inspected/Maintained					114						10	10	15%
Repaired (no.)					7						0	0	
					0						0	0	
Pump & Lift Stations (141)					0						0	0	
Inspections (no.)					987						690	690	7%
Wet wells cleaned					64						108	108	
Repaired (no.)					14						9	9	

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
Oct. 1 - Dec. 30, 2020**

South Plant-LA0036412

Summary of Activities	1st Quarter (EPA Report No. 72)					2nd Quarter (EPA Report No. 73)									
	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Field Engr. contr. (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		Field Engr. (Rout.)	Field Engr. contr. (Rout.)	Quarterly Total	*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)					(Rout.)	(Corr.)					
Gravity Collection System (4,640,000ft/21,580MH)															
Lines Cleaned (ft)					155,215		155,215	27%					89,935	89,935	43%
CCTV Inspected (ft)					47,671		47,671	8%					74,600	74,600	21%
Smoke Tested (ft)					64,320		64,320						22,941	22,941	
Smoke Tested (no. of locations)							0						87	87	
Dye Water Flooded (no. of locations)					107		107						80	80	
Manholes Inspected (no.)					34		34	1%					53	53	3%
Lines Repaired (no.)					119		119						117	117	
MH Rehabbed (no.)					1		1						4	4	
Force Mains (110 miles)															
Visual Surface Inspection (miles)			18.2				18.2	15%					29.2	29.2	40%
Repaired (no.)							0						3	3	
Air Release Valves (251)															
Inspected/Maintained			91				91	9%					146	146	25%
Repaired (no.)				4			4						4	4	
Pump & Lift Stations (259)															
Inspections (no.)			718				718	2%					1,336	1,336	5%
Wet wells cleaned			150				150						113	113	
Repaired (no.)				17			17						17	17	
Peak Flow Storage Facilities (2)															
Little Peak site visits-Decommissioned							0	0%					0	0	0%
Big Peak site visits- Decommissioned							0	0%					0	0	0%

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
Oct. 1 - Dec. 30, 2020**

South Plant-LA0036412

Summary of Activities	3rd Quarter (EPA Report No. 74)						4th Quarter (EPA Report No. 75)						
	WWC (w/AMP)		WWC-PS	Field Engr.	Engr.-	Quarterly Total	WWC (w/AMP)		WWC-PS	Field Engr.	Engr.-	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)	*Cum. % Complete
Gravity Collection System (4,640,000ft/21,580MH)													
Lines Cleaned (ft)				117,388		117,388						96,339	81%
CCTV Inspected (ft)				105,632		105,632						74,513	53%
Smoke Tested (ft)				20,875		20,875						44,372	
Smoke Tested (no. of locations)				80		80						74	
Dye Water Flooded (no. of locations)				79		79						45	
Manholes Inspected (no.)						0						46	5%
Lines Repaired (no.)				134		134						192	
MH Rehabbed (no.)				313		313						286	
Force Mains (110 miles)													
Visual Surface Inspection (miles)				8		8.0						7.2	52%
Repaired (no.)				1		1						1	
Air Release Valves (251)													
Inspected/Maintained				40		40						36	33%
Repaired (no.)						1						0	
Pump & Lift Stations (259)													
Inspections (no.)				1,430		1,430						1,349	11%
Wet wells cleaned				20		20						114	
Repaired (no.)						163						15	
Peak Flow Storage Facilities (2)													
Little Peak site visits- Decommissioned						0						0	0%
Big Peak site visits- Decommissioned						0						0	0%

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

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CROSS CONNECTION ELIMINATION PLAN	A
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SANITARY SEWER OVERFLOW RESPONSE PLAN (SSORP)	C
REPORTING OF UNAUTHORIZED DISCHARGES	D
CONSENT DECREE COMPLIANCE STATUS	E

Part A:
**Cross Connection
Elimination Plan**

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

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

Summary of Activities

No cross connection was discovered during this quarter. There is no anticipated non-compliance. During the reporting period approximately 113,009 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.

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

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

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 10/01/20 to 12/31/20. 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 sewer lines CCTV, Force Mains inspected, manholes inspected, ARV and Pump & Lift Stations inspected did not reach the 4th 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

	Quarterly Total Oct.-Dec. 2020	Cumulative 2020 Annual Total	2020 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	146,266	620,113	570,000
CCTV Inspected (ft)	120,209	394,097	570,000
Smoke Tested (ft)	113,009	349,734	----
Smoke Tested (no. of locations)	146	462	----
Dye Water Flooded (no. of locations)	77	554	----
Manholes Inspected (no.)	46	134	2,500
Lines Repaired (no.)	272	853	----
MH Rehabbed (no.)	321	1,416	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	9.2	90.6	120
Repaired (no.)	1	7	----
Air Release Valves (604)			
Inspected / Maintained	46	453	960 to 1,200
Repaired (no.)	0	19	----
Pump & Lift Stations (421)			
Inspections (no.)	2,039	8,044	45,136
Wet wells cleaned	222	789	----
Repaired (no.)	24	261	----
Peak Flow Storage Facilities (2)			
Little Peak site visits- Decommissioned	n/a	n/a	104
Big Peak site visits- Decommissioned	n/a	n/a	104

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

The City/Parish [is] [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 10/1/20 to 12/31/20. 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. 2020</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	49,927	0	49,927
CCTV Inspected (ft)	45,696	0	45,696
Smoke Tested (ft)	68,637	0	68,637
Smoke Tested (no. of locations)	72	0	72
Dye Water Flooded (no. of locations)	32	0	32
Manholes Inspected (no.)	0	0	0
Lines Repaired (no.)	80	0	80
MH Rehabbed (no.)	35	0	35
Force Mains (120 miles)			
Visual Surface Inspection (miles)	2	0.0	2.0
Repaired (no.)	0	0	0
Air Release Valves (335)			
Inspected / Maintained	10	0	10
Repaired (no.)	0	0	0
Pump & Lift Stations (141)			
Inspections (no.)	690	0	690
Wet wells cleaned	108	0	108
Repaired (no.)	0	9	9

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

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

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

South Plant (LA0036412 AI# 4841)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct. – Dec. 2020</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	96,339	0	96,339
CCTV Inspected (ft)	74,513	0	74,513
Smoke Tested (ft)	44,372	0	44,372
Smoke Tested (no. of locations)	74	0	74
Dye Water Flooded (no. of locations)	45	0	45
Manholes Inspected (no.)	46	0	46
Lines Repaired (no.)	192	0	192
MH Rehabbed (no.)	286	0	286
Force Mains (110 miles)			
Visual Surface Inspection (miles)	7.2	0.0	7.2
Repaired (no.)	0	1	1
Air Release Valves (251)			
Inspected / Maintained	36	0	36
Repaired (no.)	0	0	0
Pump & Lift Stations (259)			
Inspections (no.)	1,349	0	1,349
Wet wells cleaned	114	0	114
Repaired (no.)	0	15	15
Peak Flow Storage Facilities (2)			
Little Peak site visits- Decommissioned	n/a	n/a	n/a
Big Peak site visits- Decommissioned	n/a	n/a	n/a

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

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

Part C:
Sanitary Sewer Overflow
Response Plan (SSORP)

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

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

Summary of Activities

A total of eighty three (83) 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.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	16
South Plant-LA0036412 AI# 4841 Collection System	67
Total	83

** 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 10/1/20 to 12/31/20. 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 eighty three (83) unauthorized discharges occurred during this quarter, no discharges occurred at the wastewater treatment plants.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	16
South Plant-LA0036412 AI# 4841 Collection System	67
Total	83

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

There were no unusual SSOs, and one (1) unauthorized discharge equal to or greater than 100,000 gallons during this reporting period. The overflow occurred near pump station 52, sewer flows were directed from Pump Station 52 to the Choctaw Storage tank facilities. During this process, the ten inch bypass connection failed causing a Sanitary Sewer Overflow.

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 10/1/20 to 12/31/20. 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
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/7/2020	Ozark St.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 024-00568.	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 Champ disinfectant was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request for the sewer is CCTV for debris/roots/grease.	None	1	24	340	825	7.93	
10/9/2020	6055 Guynell Dr.	There was evidence of sewage discharge around the six inch clean-out. The discharge was possible caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 432-00010.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	None	Unknown	432	56	67	6.77	
10/9/2020	5151 Hooper Rd.	Pump Station # 897 experienced a power failure due to Hurricane Delta, for additional information concerning this Force Majeure Event , see reference letter dated Oct. 29, 2020, from Environmental Services Director. MH# 897.	Due to the discharge of highly diluted storm water Chemical usage was not needed. We did use four gallons of Master Scent, three gallons of Pacific Moon. Four gallons of Champ disinfectant, and four gallons of Bleach was used to sanitize the site.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Roberts Canal	Unknown	897	42	109	6.23	
10/10/2020	5151 Hooper Rd.	Pump Station # 897 experienced a power failure due to Hurricane Delta, for additional information concerning this Force Majeure Event , see reference letter dated Oct. 29, 2020, from Environmental Services Director. MH# 897.	Due to the discharge of highly diluted storm water Chemical usage was not needed. We did use four gallons of Master Scent, three gallons of Pacific Moon. Four gallons of Champ disinfectant, and four gallons of Bleach was used to sanitize the site.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Roberts Canal	Unknown	897	23	38	6.98	
10/13/2020	1800 Blount Rd.	Pump Station # 210 was down- high wet well - the pump station mechanic found the PLC wasn't working properly. Pump Station mechanic re-set the PLC at the station. Pump Station was back in service at 11:27hrs. MH# 210-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using three gallons of Master Scent. Three gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Monte Sano Bayou	2,700	210	40	48	6.63	
10/14/2020	2123 Heck Young Rd.	There was evidence of sewage discharge around the sewer manhole. The discharge was possible caused by a surcharging sewerage system due adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 065-00028C.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	None	Unknown	65	254	1730	7.22	

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

NORTH Sewer District Collection System LPDES LA0036439A# 4843 10/01/2020 To 12/31/2020											
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/15/2020	5176 Stearns St.	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# 084-00024.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two and one half gallons of Beta Magic. One gallon of Champ disinfectant was used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices.	None	25	84	54	73	6.57	
11/10/2020	16908 Weyanoke Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 218-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of D-B-K disinfectant was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease.	None	1,000	218	53	161	6.83	
11/14/2020	7749 Bismark Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 035-00090.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant, and two gallons of Bleach was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease.	None	50	35	27	286	6.28	
11/18/2020	10550 Veterans Memorial Blvd.	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. MH# 046-	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant, and two gallons of Bleach was used to sanitize the site.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	75	46	28	230	6.96	
12/1/2020	2350 78th Ave.	There was evidence of sewage discharge around the city's sewer manhole. The Service Inspector did not witness the active overflow. MH# 044-00343	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using one gallon of Master Scent and one gallon of Champ disinfectant.	We will periodically monitor this section of our collection line for unauthorized discharges.	Swan Street Lateral	25	44	229	313	NA	
12/11/2020	2721 Century Ave.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 127-00050	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. Two gallons of Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Beachwood Lateral	50	127	226	1010	6.7	

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NORTH Sewer District Collection System LPDES LA0036439A1# 4843
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/22/2020	310 Elmer Ave.	There was evidence of sewage discharge around the Air Release Valve. The city's main collection line was clear.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will periodically monitor this section of our collection line for unauthorized discharges.	None	50	46	47	110	NA	
12/22/2020	1900 Blount Rd.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a stoppage in the main collection line. The Service Inspector did not witness the active overflow. MH# 046-00363A.	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 Champ disinfectant 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	25	46	47	110	NA	
12/24/2020	2123 Heck Young Rd.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 065-00028-C.	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 Champ disinfectant 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	1	65	123	55	7.06	
12/25/2020	7733 Anderson Ave.	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# 094-00020.	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 Champ disinfectant 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. We will also request for the six inch service lateral to be CCTV for debris/roots/grease.	None	25	94	22	20	7.15	

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SANITARY SEWER OVERFLOWS MONITORING REPORT**

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/1/2020	2464 W. Contour Dr.	There was evidence of sewage discharge in the hole. The discharge was caused by a broken six inch service lateral. The Service Inspector did not witness the active overflow. MH#058-01401.	Recorded sewage discharge and dispatched wash truck to clean the site. The site was washed with fresh water and deodorized using one gallon of Master Scent.	A sewer repair work order was issued and completed on Oct.5, 2020.	None	25	58	91	132	7.11	
10/2/2020	806 W. Roosevelt St.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a stoppage in the city main collection line. The Service Inspector did not witness the active overflow. MH# 001-00053.	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.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	1	91	132	7.11	
10/7/2020	7101 Chandler Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by pump station # 056 was having issues with a stoppage inside of the pumps. The Service Inspector did not witness the active overflow. MH# 056-00268..	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using one gallon of Champ disinfectant.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	None	75	56	131	116	6.81	
10/8/2020	6721 Pecue Lane	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a broken 8" force main. The Service Inspector did not witness the active overflow. MH# 147-00103.	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.	An 8" force main repair work order was issued and completed on Oct. 8, 2020.	None	100	147	*	*	7.47	
10/9/2020	3676 Hundred Oaks Ave.	There was a malfunctioning Air Release Valve causing the sewer manhole to overflow. MH# 003-01858.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	120	3	73	149	6.88	
10/9/2020	2064 Spring Ridge Ave.	There was evidence of sewage discharge around the sewer manhole. The discharge was possibly caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 319-00037.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	None	Unknown	319	38	96	6.78	

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SANITARY SEWER OVERFLOWS MONITORING REPORT**

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/9/2020	1450 Montgomery Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was possibly caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 031-00208.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	None	Unknown	31	73	149	6.88	
10/9/2020	1277 Woodcliff Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 031-00164.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using one gallon of D-B-K disinfectant.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	None	Unknown	31	73	149	6.88	
10/9/2020	1488 Stokley Pl.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 031-00134.	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.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	None	Unknown	31	73	149	6.88	
10/9/2020	928 Trammell Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 031-00123.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using one gallon of D-B-K disinfectant.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Lively Bayou	Unknown	31	73	149	6.88	
10/9/2020	12050 E. Glenhaven Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 031-00018.	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.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Lively Bayou	Unknown	31	73	149	6.88	

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SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/9/2020	12186 E. Glenhaven Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 031-00008.	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.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Lively Bayou	Unknown	31	73	149	6.88	
10/9/2020	10546 Ferncliff Ave.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a surcharging sewerage system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 031-00142.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using one gallon of Champ disinfectant.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Lively Bayou	Unknown	31	73	149	6.88	
10/9/2020	1718 Boulevard De Province	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 066-00220.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request for the sewer is CCTV for debris/roots/grease.	Lively Bayou	10	66	73	149	6.88	
10/9/2020	4600 Essen Lane	Pump Station # 058 experienced a power failure due to Hurricane Delta, for additional information concerning this Force Majeure Event , see reference letter dated Oct. 29, 2020, from Environmental Services Director. MH# 058-	Due to the discharge of highly diluted storm water chemical usage was not needed.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Ward Creek	Unknown	58	73	149	6.88	
10/9/2020	15990 N. King Bradford Dr.	Pump Station # 889 experienced a power failure due to Hurricane Delta, for additional information concerning this Force Majeure Event , see reference letter dated Oct. 29, 2020, from Environmental Services Director. MH# 889-	Due to the discharge of highly diluted storm water Chemical usage was not needed.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Knox Branch	Unknown	889	38	96	6.78	
10/11/2020	125 Belleview Dr.	There was a stoppage found in the six inch service lateral causing the six inch clean-out to overflow. MH# 003-02152A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon of D-B-K disinfectant.	Advised the resident and provided a flyer indicating the best practices.	Dawson Creek	10	3	78	102	6.71	

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SANITARY SEWER OVERFLOWS MONITORING REPORT**

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/11/2020	7410 Bluebonnet Blvd.	Pump Station # 300 was down - high wet well - the pump station mechanic found the pump station had a power failure to the station due to adverse weather associated with Hurricane Delta. Pump Station mechanic started the generator. Pump Station was back in service at 24:00hrs. MH# 300-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	Ward Creek	Unknown	300	78	102	6.71	
10/12/2020	Myrtle Hill Dr.	Pump Station # 257 was down - high wet well - the pump station mechanic found the floats were hung up. Pump Station mechanic re-set the floats. Pump Station was back in service at 12:05hrs. MH# 257-00012.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Dawson Creek	720	257	118	123	6.78	
10/8/2020 to 10/09/2020	15717 Perkins Rd.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by pump station # 514 had a surcharging sewer system due to adverse weather associated with Hurricane Delta. The Service Inspector did not witness the active overflow. MH# 514-00002.	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. Six gallons of Champ disinfectant, two gallons of Bleach, and four gallons of D-B-K disinfectant was used to sanitize the site. Four gallons of Master Scent was also used to deodorize the area.	The rainfall received for exceeds the 2 year, 12 hour design storm for which the system was designed.	None	Unknown	514	199	380	6.69	
10/13/2020	3043 Old Forge Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 091-00072B.	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.	We will periodically wash this section of our collection line. We will also request for the sewer is CCTV for debris/roots/grease.	Dawson Creek	5	91	153	140	6.89	
10/14/2020	1251 N. Ardenwood Dr.	There was a stoppage found in the city's main collection line causing the six inch clean-out to overflow. MH# 058-08291D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will periodically wash this section of our collection line. We will also request for the sewer is CCTV for debris/roots/grease. We will also advise Environmental to speak with apartment manager of best practices.	None	150	58	154	97	6.33	

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SOUTH Sewer District Collection System LPDES LA0036412 A#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/14/2020	8919 World Ministry Ave.	There was evidence of sewage discharge around the four inch clean-outs. The discharge was caused by pump station # 300 was having issues with power outage. The Service Inspector did not witness the active overflow. MH# 300-00018D.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using one gallon of D-B-K disinfectant.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	None	75	300	154	97	6.33	
10/16/2020	3721 E. Brookstown Dr.	A ten inch bypass connection between pump station # 052 and Choctaw Storage tank failed. MH# 052-	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using three gallons of Master Scent. Four gallons of Champ disinfectant, two gallons of Bleach, and four gallons of D-B-K disinfectant was used to sanitize the site. Three gallons of Pacific Moon was also used to deodorize the area.	The overflow was detected and later repaired the same day.	Hurricane Creek	315,000	52	105	137	6.97	
10/16/2020	642 State Capitol Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 228 08321.	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 Champ disinfectant was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request for the sewer is CCTV for debris/roots/grease.	None	10	228	105	137	6.97	
10/20/2020	3060 N. Acadian Thwy E.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a stoppage in the city main collection line. The Service Inspector did not witness the active overflow. MH# 060-07697.	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. We will also advise Environmental of possible grease contributors in the area.	None	25	60	141	145	NA	
10/22/2020	3403 Ontario St.	There was evidence of sewage discharge around the four 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# 060-07697.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also advise Environmental of possible grease contributors in the area.	None	25	60	141	145	NA	

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SANITARY SEWER OVERFLOWS MONITORING REPORT**

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/22/2020	3060 N. Acadian Thwy E.	There was a stoppage found in the city's main collection line causing the six inch clean-out to overflow. MH# 060-07697.	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 Champ disinfectant, and one gallon 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 advise Environmental of possible grease contributors in the area.	None	25	60	141	145	NA	
10/27/2020	4365 Oakross Lane	There was a stoppage found in the city's main collection line causing the six inch clean-out to overflow. MH# 052-00172.	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 Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	1	52	112	87	7.03	
10/29/2020	1509 N. Marque Ann Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 021-00063.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon of D-B-K disinfectant.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	150	21	136	156	7.02	
10/30/2020	2250 Florida Blvd.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a stoppage found in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 060-07253.	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 Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also advise Environmental of possible grease contributors in the area.	None	25	60	111	144	6.91	
11/9/2020	3419 Ontario 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# 060-07697.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ 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. We will also advise Environmental of possible grease contributors in the area.	None	25	60	87	144	7.02	
11/9/2020	2561 Citiplance Court	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 119-00046.	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 Champ disinfectant, and one gallon 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 advise Environmental of possible grease contributors in the area.	None	1,000	119	87	144	7.02	

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SOUTH Sewer District Collection System LPDES LA0036412 A#4841
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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
11/11/2020	13047 Florida Blvd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 021-00021A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Master Scent. Three gallons of Champ disinfectant, and four gallons of Bleach was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease. We will also request that Environmental speak to the apartment manager concerning best practices.	None	1	21	68	118	7.04	
11/13/2020	14845 Audubon Lakes Dr.	Pump Station # 455 was down - high wet well - the pump station mechanic found the PLC weren't operating properly. The Pump Station mechanic stripped the wires on the control panel and reset the PLC. Pump Station was back in service on 11/14/2020 at 14:40hrs. MH# 455-00010.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorize the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant, two 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 if the pump station and make adjustment when needed.	Selene Bayou	67,860	455	95	139	6.87	
11/13/2020	1050 N. Foster Dr.	There was evidence of sewage discharge around the six inch clean-out. The discharge was caused by a stoppage in the six inch clean-out. The Service Inspector did not witness the active overflow. MH# 058-00001.	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 Champ disinfectant was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease.	None	25	58	95	139	6.87	
11/14/2020	14825 Audubon Lakes Dr.	Pump Station # 455 was down - high wet well - the pump station mechanic found the PLC weren't operating properly. The Pump Station mechanic stripped the wires on the control panel and reset the PLC. Pump Station was back in service at 14:40hrs. MH# 455-00010.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorize the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant, two 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 if the pump station and make adjustment when needed.	Selene Bayou	10,440	455	69	153	7.05	

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
11/15/2020	854 N. Donmor Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 058-01768.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Master Scent. Three gallons of Champ disinfectant, and two gallons of Bleach was used to sanitize the site. Three gallons of Pacific Moon was also used to deodorize the area. Three gallons of D-B-K disinfectant was also used to sanitize the site.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease. We will also request that Environmental speak to the apartment manager concerning best practices.	None	1	58	90	107	7.23	
11/17/2020	6545 Jefferson Hwy	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. 004-03418	Recorded sewage discharge and dispatched the wash truck to clear the stoppage. The site was washed with fresh water and sanitized using two gallons of D-B-K disinfectant.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease.	Ward Creek	5	4	66	152	6.97	
11/17/2020	10815 Stanley Aubin Lane	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. 058-00625.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant, and two gallons of Bleach was used to sanitize the site. Three gallons of Pacific Moon was also used to deodorize the area.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease.	Weiner Creek	5	58	66	152	6.97	
11/18/2020	6123 Hagerstown Dr.	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. MH# 347-	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant, and one gallon of Bleach was used to sanitize the site.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	75	347	61	145	6.87	
11/24/2020	8331 Ned Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. 061-05087.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon Master Scent. One gallon of Champ disinfectant , and two gallons of Bleach was used to sanitize the site.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease.	Bayou Fountain	5	61	252	113	6.93	
11/30/2020	10927 Alco Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. 0058-04010.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water, deodorized and disinfected using four gallons each of D-B-K and Bleach.	We will periodically wash this section of our collection line. We will also request that the sewer line is CCTV for debris/roots/grease.	Claycut Bayou	300	58	122	123	6.72	

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

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/1/2020	2920 Charlotte Dr.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 051-00232	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 and two gallons of Beta Magic. One gallon of Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Jones Creek	480	51	118	131	7.08	
12/2/2020	7475 Richards Dr.	Pump Station # 28 was down - high wet well - the pump station mechanic found bad pressure switch. The Pump Station mechanic replace the pressure switch. Pump Station was back in service at 16:00. MH#028-0002.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorize with one gallon of Master Scent.	Schedule maintenance records will document operational status if the pump station and make adjustment when needed.	Ward Creek	3,000	28	141	123	7.03	
12/2/2020	5911 Willow Glen Dr.	Pump Station # 395 was down - high wet well - the pump station mechanic found the main control breaker tripped . The Pump Station mechanic reset the control breaker, pulled the floats and pumped the station down . Pump Station was back in service. MH#395-00012.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorize with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Schedule maintenance records will document operational status if the pump station and make adjustment when needed.	Ward Creek	1,200	395	141	123	7.03	
12/2/2020	10250 Glen Arbor Dr.	Pump Station # 395 was down - high wet well - the pump station mechanic found the main control breaker tripped . The Pump Station mechanic reset the control breaker, pulled the floats and pumped the station down . Pump Station was back in service. MH#395-00015.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorize with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Schedule maintenance records will document operational status if the pump station and make adjustment when needed.	Ward Creek	1,200	395	141	123	7.03	
12/7/2020	8601 Siegen Lane	There was a stoppage found in the service lateral, 6' cleanout holding in the rear of the building.	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 Champ disinfectant was used along with one gallon of bleach to sanitize the site.	Advised Business manager and provided a flyer indicating best practices. Will also request that Environmental section check grease trap at the location.	None	100	108	138	126	6.76	

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

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/9/2020	7122 Perkins Road	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 057-05117	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used along with three gallons of bleach to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also request that Environmental section check grease traps in the area.	Bayou Duplantier	50	57	145	161	6.94	
12/11/2020	7473 Perkins Road	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 057-05117	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and one gallon of Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also request that Environmental section check grease traps in the area.	Bayou Duplantier	25	57	164	155	7.21	
12/11/2020	336 W. Parker Blvd.	There was a stoppage found in the service lateral, 6" cleanout holding in the rear of the building.	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 Champ disinfectant was used to sanitize the site.	Advised Business manager and provided a flyer indicating best practices. Will also request that Environmental section check grease trap at the location.	None	300	68	164	155	7.21	
12/12/2020	5620 S. Columbine Ct.	Pump Station # 376 was down - high wet well - the pump station mechanic found bad pressure switch . The Pump Station mechanic repaired and pump down the station . Pump Station was back in service. MH#376-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorize with one gallon of DBK disinfectant was used to sanitize the site.	Schedule maintenance records will document operational status if the pump station and make adjustment when needed.	Dawson Creek	400	376	149	144	6.95	
12/12/2020	650 N. Ardenwood Dr.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 058-08286-A	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 both Champ and D-B-K disinfectant was used along with two gallons of bleach to sanitize the site.	Advised Apartment manager and provided a flyer indicating best practices.	Ward Creek	500	58	149	144	6.95	
12/12/2020	11562 Brunswick Ave.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 278-00028	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 both Champ and Pacific Moon disinfectant was used along with three gallons of bleach to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Ward Creek	1800	278	169	169	6.87	

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/13/2020	9774 Great Smokey Ave.	There was a stoppage found in the 6" service lateral, the service inspector request the service lateral be CCTV.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorize with two and a half gallons of Beta Magic and one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	CCTV crew found an offset joint at the 6" tie-in and submitted work order for repair.	None	100	51	114	108	7.20	
12/20/2020	847 Ponderosa Dr.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 175-00012	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.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	1,000	175	119	184	6.69	
12/20/2020	2915 Topaz Dr.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 049-00137	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.	We will request for the sewer line to be CCTV for debris/roots/grease.	Hurricane Creek	25	49	82	65	7.13	
12/21/2020	11888 Longridge Ave.	There was a stoppage found in the city's main collection line causing 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 one gallon of Master Scent. One gallon of both Champ and two gallons of bleach to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Weiner Creek	1200	143	127	87	7.14	
12/22/2020	3348 Chapelwood Dr.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The Service Inspector did not witness the active overflow.	Recorded sewage discharge and dispatched wash truck to clean area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of both Champ and Pacific Moon disinfectant was used along with one gallon of bleach to sanitize the site.	Pending CPR scheduled repair.	Jones Creek	10	77	123	135	NA	
12/23/2020	13047 Florida Blvd.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 021-00006A.	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 Champ was also used to sanitize the site, along with five gallons of Billy Goat use to address grease issues.	We will advise Environmental section to speak with apartment complex located at this address about using best practices as it relates to the sewer.	Lively Bayou	25	21	153	172	6.37	

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amf. Gals	PS	BOD	TSS	pH	ARD
12/24/2020	14019 Tiger Bend Rd.	There was evidence of sewage discharge around the sewer manhole. The discharge was possible caused by surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 201-00015.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized using one gallon of D-B-K disinfectant.	We will request for the sewer line to be CCTV for I & I problems.	None	25	201	104	195	6.64	
12/26/2020	2424 Drusilla Lane	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 058-00666.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant, three gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Ward Creek	1,000	58	118	120	6.68	
12/26/2020	8895 Coy Ave.	There was a stoppage found in the city's main collection line causing sewer manhole to overflow. MH# 142-05017.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon D-B-K disinfectant.	We will request for the sewer line to be CCTV for debris/roots/grease.	Bayou Fountain	1,200	142	118	120	6.68	
12/27/2020	233 Shady Oaks Court	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# 333-00003.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon D-B-K disinfectant.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	333	153	124	6.76	
12/28/2020	2116 Carleton Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 015-05148.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	15	146	145	6.92	
12/29/2020	11850 Wentling Ave.	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# 171-00033.	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 Champ disinfectant was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	171	177	121	6.88	

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

SOUTH Sewer District Collection System LPDES LA0036412 A#4841
10/01/2020 To 12/31/2020

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/29/2020	16142 Magnolia Bluff Court	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# 456-00023.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon of Champ disinfectant.	Advised the resident and provided a flyer indicating the best practices.	None	25	456	129	139	6.93	



CERTIFIED- RETURN RECEIPT REQUESTED

DATE: October 29, 2020

TO: Mr. Michael T. Donnellan
U.S. Department of Justice
601 D. Street NW
Washington, D.C. 20044-7611

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

Dr. Chuck Carr Brown
Louisiana Department of Environmental Quality
602 N. Fifth Street
Baton Rouge, LA 70802

FROM: Richard Speer, PE, Environmental Services Director
Department of Environmental Services, City of Baton Rouge and Parish of East Baton Rouge

SUBJECT: City of Baton Rouge and Parish of East Baton Rouge, Consent Decree-Civil Action No. 01-978-B-M3: Force Majeure Event – Hurricane Delta

Ladies and Gentlemen:

In conformance with the Force Majeure provision included in Section XXII – Force Majeure of the Consent Decree, this letter will serve as a formal notification by the City of Baton Rouge and Parish of East Baton Rouge (City/Parish) to the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ) that a force majeure event has taken place beginning October 8, 2020 in the form of Hurricane Delta.

A Hurricane Warning was in effect in Louisiana and included threats of strong gusty winds, coastal flooding, flash flooding, river flooding and heavy rainfall, with the primary impacts occurring from October 8 – 11, 2020. In response, the Governor of the State of Louisiana, John Bel Edwards, ordered and directed a statewide state of emergency (please see Attachment A: Proclamation Number 133 JBE 2020, State of Emergency – Hurricane Delta) as a result of Hurricane Delta. The Governor's order is effective October 6, 2020 until November 4, 2020.

The Baton Rouge metropolitan area experienced significant impacts from Hurricane Delta, including over ten (10) inches of rainfall in a 3 – 4 hour period and sustained wind speeds of over fifty (50) miles per hour, resulting in flooding and loss of power to over 90,000 customers. The rainfall received far exceeds the 2 year, 12 hour design storm for which the system was designed. Over 130 pump station sites were on generator power at the peak of the event. Unstable power conditions affected several pump station sites causing pump motor and variable frequency drive (VFD) faults. Upon notification of the faults, SCADA dispatched personnel to manually reset the electrical equipment. Response times were adversely affected by weather conditions resulting in 19 sanitary sewer overflows at pump station sites. The approved SSO response plan was implemented and all sites were cleaned accordingly.

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

Sincerely,



Richard Speer, PE
Environmental Services Director



Robert Abbott
Senior Special Parish Attorney

Cc: Honorable Sharon Weston Broome, Mayor-President
Samuel Coleman, PE, Acting Regional Administrator (Region 6)
Adam M. Smith, PE, DES Chief of Wastewater Operations and Maintenance
Carlos Zequeira Brinsfield, US EPA (6RC)
Darlene Whitten-Hill US EPA (6EN)
Ted Broyles, LDEQ
Joseph Young, PE, Program Manager, Jacobs



October 19, 2020

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

HAND DELIVER

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036412 AI # 4841
Sewer Overflow at the 10" Bypass connection for Choctaw Storage

Dear Sir/Madame:

On October 15, 2020, sewer flows were directed from Pump Station 52 to the Choctaw Storage tank facilities. At 4:15 am, during this process, the ten inch bypass connection failed causing a Sanitary Sewer Overflow. This overflow was detected and later repaired at 6:00 am the same day. During this time period, an estimated 315,000 gallons were discharged into the Hurricane Creek without being treated from the ten inch bypass connection located at 3836 E. Brookstown Dr.

Once the repair was completed normal operations resumed. The Sanitary Sewer Overflow Response Plan was followed during the incident.

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

Sincerely yours,

Richard Speer, P.E.
Director of Environmental Services

RS/cpb

xc: Anderson Dotson, Interim Parish Attorney
Adam Smith, P.E., Chief of Wastewater Operations and Maintenance
Cheryl Berry, P.E., Special Projects Engineer

John Ward, SCADA System Manager
Stanley Redmond, Pump Maintenance Manager

Enclosure(s):

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 the BOD 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 \$5,000. 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 th Quarter 2020			Stipulated Penalty		
		Oct	Nov	Dec	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	52	63	2	\$2,500	\$5,000
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TRC**</u>							
Daily Max.(mg/l)	1.3	C	C	C			
<u>Total Nitrogen**</u>							
7-Day Avg. (mg/l)		22.6	22.6	22.6			
Monthly Avg. (mg/l)		22.6	22.6	22.6			
<u>Total Phosphorus**</u>							
7-Day Avg. (mg/l)		3.22	3.22	3.22			
Monthly Avg. (mg/l)		3.22	3.22	3.22			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$5,000

C-Compliance
 - Reflects Permit
 * Modifications as of 8/1/2016

Part E - Consent Decree Compliance Status

**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 10/01/20 to 12/ 31 / 20. If not, see comments above.