

BATON ROUGE SANITARY SEWER OVERFLOW PROGRAM

2002 CONSENT DECREE
2024 4th QUARTER REPORT – NO. 91

January 31, 2025



CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE

Department of Environmental Services
222 Sait Louis Street
Suite 816
Baton Rouge, LA 70802





January 31, 2025

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

Ninety-first (91st) Quarterly Report - **Period Ending December 31, 2024**

Ms. Seager,

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 91st Consent Decree Quarterly Report covering activities for the quarter ending December 31, 2024. 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 91st Consent Decree Quarterly Report to the US EPA and LDEQ and one copy to the US DOJ.

I certify that the information contained in or accompanying this 91st 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.

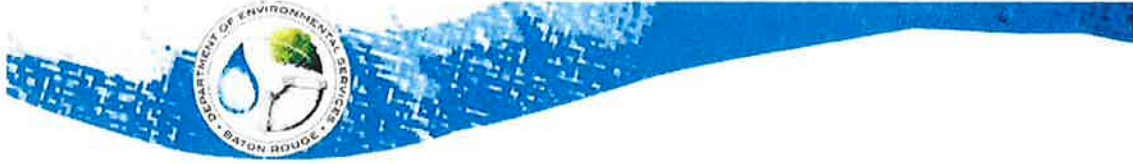
Should you require additional information concerning this matter, please let me know.

Sincerely yours,



Adam M. Smith, P.E.
Interim Director Environmental Services

cc: Honorable Emile "Sid" Edwards, Mayor-President
Mr. Charlie Davis, Chief Administrative Officer
Mr. Gregory Rome, Parish Attorney
Mr. Trina Hall, Assistant Chief Administrative Officer
Mr. Tom Mariani, Chief, Environmental Enforcement Section, US DOJ
Ms. Aurelia S. Giacometto, LDEQ
Ms. Mona Bates, US EPA Region 6
Mr. Kristine Talbot, US EPA Region 6
Ms. Darlene Whitten-Hill, (6EN-WC)
Mr. Joseph Young, Jacobs
Mr. Obie E. Watts, III, Jacobs
Mr. Darren P. Braud
Mr. Ted D. Stephens
Mr. Paul Nata
Ms. Cynthia Thomas



CITY-PARISH DEPARTMENTAL MEMORANDUM

222 Saint Louis Street, 8th Floor
Baton Rouge, LA 70802

Date: January 31, 2025

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

From: Mr. Adam M. Smith, P.E. - Interim Director Environmental Services

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
91st Quarterly Report – Period Ending December 31, 2024
Data Review

Sir or Madam:

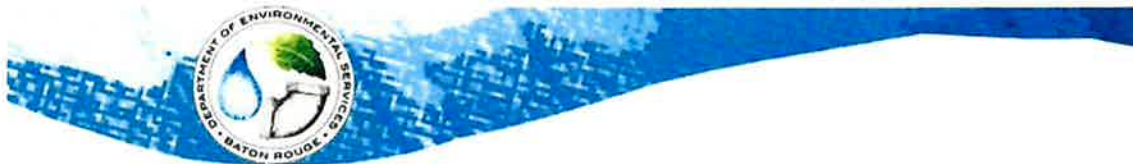
Draft copies of the above referenced report have been submitted for your review. This review is to ensure that the data submitted under your direction, has been stated in a truthful and accurate manner in the 91st Quarterly Report. Once the review of your portion of data is complete and corrected, please sign below the paragraph stating that fact and return for processing.

Sincerely,

Adam M. Smith, P.E.
Interim Director Environmental Services

I certify that the information contained in or accompanying the portion of the 91st Quarterly Report that I am responsible for is true, accurate, and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

xc: Document Control



CITY-PARISH DEPARTMENTAL MEMORANDUM

222 Saint Louis Street, 8th Floor
Baton Rouge, LA 70802

Date: January 31, 2025

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

From: Mr. Adam M. Smith, P.E. - Interim Director Environmental Services

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
91st Quarterly Report – Period Ending December 31, 2024
Data Review

Sir or Madam:

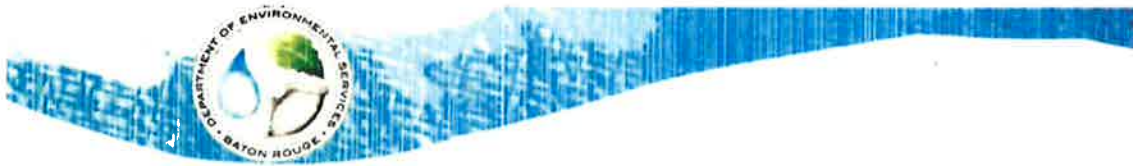
Draft copies of the above referenced report have been submitted for your review. This review is to ensure that the data submitted under your direction, has been stated in a truthful and accurate manner in the 91st Quarterly Report. Once the review of your portion of data is complete and corrected, please sign below the paragraph stating that fact and return for processing.

Sincerely,

Adam M. Smith, P.E.
Interim Director Environmental Services

I certify that the information contained in or accompanying the portion of the 91st Quarterly Report that I am responsible for is true, accurate, and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

xc: Document Control



CITY-PARISH DEPARTMENTAL MEMORANDUM

222 Saint Louis Street, 8th Floor
Baton Rouge, LA 70802

Date: January 31, 2025

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

From: Mr. Adam M. Smith, P.E. - Interim Director Environmental Services

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
91st Quarterly Report – Period Ending December 31, 2024
Data Review

Sir or Madam:

Draft copies of the above referenced report have been submitted for your review. This review is to ensure that the data submitted under your direction, has been stated in a truthful and accurate manner in the 91st 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,

Adam M. Smith, P.E.
Interim Director Environmental Services

I certify that the information contained in or accompanying the portion of the 91st Quarterly Report that I am responsible for is true, accurate, and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

xc: Document Control



Contents

Part A. Summary of Activities	i
Part B. Preventive Maintenance Program (PMP)	B-1
B.1 Summary of Activities	B-1
Part C. Sanitary Sewer Overflow Response Plan	C-1
C.1 Summary of Activities	C-1
Part D. Reporting of Unauthorized Discharges	D-1
D.1 Summary of Unauthorized Discharges	D-1
Part E. Consent Decree Compliance Status	E-1

Tables

ES-1. DOJ, EPA, AND LDEQ SUBMITTAL HISTORY	2
ES-2. SUMMARY OF CONSENT DECREE REPORTING DELIVERABLES	5
ES-3. EPA CONSENT DECREE SUMMARY AND RMAP1 MILESTONES	10
ES-4. UPDATED EPA CONSENT DECREE RMAP 2 MILESTONES FOR CATEGORY 1 PROJECTS.....	15
ES-5. EPA CONSENT DECREE RMAP2 MILESTONES FOR CATEGORY 2 PROJECTS	18
ES-6. EPA CONSENT DECREE RMAP2 MILESTONES FOR CATEGORY 3 PROJECTS	23
ES-7. PROPOSED SCHEDULE FOR PROJECTS OUTSIDE OF CONSENT DECREE	24
PREVENTIVE MAINTENANCE PLAN SUMMARY TOTALS.....	30
NORTH PLANT- LA0036439	31
SOUTH PLANT-LA0036412.....	32
SUMMARY OF CROSS CONNECTIONS IDENTIFIED/ELIMINATED	i
SUMMARY OF COLLECTION SYSTEM ACTIVITIES	B-2
SUMMARY OF ACTIVITIES BY TREATMENT PLANT SERVICE AREA.....	B-3
SUMMARY OF ACTIVITIES BY TREATMENT PLANT SERVICE AREA.....	B-4
NORTH SEWER DISTRICT COLLECTION SYSTEM LPDES LA0036439AI# 4843	D-2
SOUTH SEWER DISTRICT COLLECTION SYSTEM LPDES LA0036412 AI#4841	D-8



Acronyms and Abbreviations

AO	Administrative Order
BOD	biochemical oxygen demand
DES	Department of Environmental Services
DOJ	Department of Justice
ERM	Environmental Results Monitoring
FOG	fat, oil, and grease
IAP	Immediate Action Plan
IU	Industrial User
LDEQ	Louisiana Department of Environmental Quality
LPDES	Louisiana Pollution Discharge Elimination System
MWH	Montgomery Watson
NWWTP	North Wastewater Treatment Plant
PDP	Program Delivery Plan
PMP	Preventive Maintenance Program
PS	Pump Station
RMAP	Remedial Measures Action Plan
SCADA	Supervisory Control Data Acquisition
SEP	Supplemental Environmental Projects
SSO	Sanitary Sewer Overflow
SSORP	Sanitary Sewer Overflow Response Plan
SWWTP	South Wastewater Treatment Plant
TSS	Total Suspended Solids
WWTP	Wastewater Treatment Plant



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 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: SSORP – This section briefly summarizes activities related to compliance/noncompliance with the 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 ERM Plan attached in Exhibit G of the Consent Decree. The ERM Plan is designed to measure environmental benefits resulting from the work performed under the Consent Decree through measurement of water quality improvements. The ERM has been completed; therefore, this section is not included in the Quarterly Report for this reporting period.

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, 2024)

This portion of the Executive Summary highlights significant dates on which the City/Parish submitted deliverables to the DOJ, Environmental Protection Agency (EPA), and 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 ES-1.

Table ES-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 Wastewater Treatment Plant (SWWTP) Projects
Addressing Existing Noncompliance Issues and Future Wet Weather Flow Management Requirements at the SWWTP	January 2007	Summary of findings/recommendations for the SWWTP



Summary of Activities

Name	Date Submitted	Additional Information
EPA RMAP2 Approval Letter	July 2007	EPA Letter Approving November 2006 Submittal and SWWTP recommendations. Disapproved interim limits and left for further discussion the time extension request due to hurricanes
SWWTP Summary of Immediate Action Plan (IAP) 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 WWTPs 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 - 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
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 RMAP2 Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program Report 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)



Summary of Activities

Name	Date Submitted	Additional Information
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 AO – 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 AO, 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 AO – CWA-06-20161749, Agency Interest No. 4841, Water Permit No. LA0036412, LA0036439, LA0036421	December 2016	Notification of completion of all AO 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 ES-2 is a summary of Consent Decree reporting deliverables.



Table ES-2. Summary of Consent Decree Reporting Deliverables

Name	Deadline	Completion Date	Resubmission/Update
<i>Quarterly Reports</i>			
91st	31-Jan-25	31-Jan-25	
90th	31-Oct-24	30-Oct-24	
89th	31-Jul-24	30-Jul-24	
88th	30-Apr-24	30-Apr-24	
87th	31-Jan-24	29-Jan-24	
86th	31-Oct-23	30-Oct-23	
85th	31-Jul-23	31-Jul-23	
84th	30-Apr-23	28-Apr-23	
83rd	31-Jan-23	31-Jan-23	
82nd	31-Oct-22	26-Oct-22	
81st	31-Jul-22	29-Jul-22	
80th	30-Apr-22	29-Apr-22	
79th	31-Jan-22	22-Jan-22	
78th	31-Oct-21	28-Oct-21	
77th	31-Jul-21	29-Jul-21	
76th	30-Apr-21	23-Apr-21	
75th	31-Jan-21	22-Jan-21	
74th	31-Oct-20	21-Oct-20	
73rd	31-Jul-20	22-Jul-20	
72nd	30-Apr-20	22-Apr-20	
71st	31-Jan-20	21-Jan-20	
70th	31-Oct-19	21-Oct-19	
69th	31-Jul-19	22-Jul-19	
68th	30-Apr-19	24-Apr-19	
67th	31-Jan-19	23-Jan-19	
66th	31-Oct-18	22-Oct-18	
65th	31-Jul-18	25-Jul-18	
64th	30-Apr-18	23-Apr-18	



Summary of Activities

Name	Deadline	Completion Date	Resubmission/Update
63rd	31-Jan-18	Jan-23-18	
62nd	31-Oct-17	23-Oct-17	
61st	31-Jul-17	24-Jul-17	
60th	30-Apr-17	26-Apr-17	
59th	31-Jan-17	20-Jan-17	
58th	31-Oct-16	21-Oct-16	
57th	31-Jul-16	22-Jul-16	
56th	30-Apr-16	22-Apr-16	
55th	31-Jan-16	23-Jan-16	
54th	31-Oct-15	23-Oct-15	
53rd	31-Jul-15	24-Jul-15	
52nd	30-Apr-15	24-Apr-15	
51st	31-Jan-15	21-Jan-15	
50th	31-Oct-14	20-Oct-14	
49th	31-Jul-14	22-Jul-14	
48th	30-Apr-14	21-Apr-14	
47th	31-Jan-14	21-Jan-14	
46th	31-Oct-13	18-Oct-13	
45th	31-Jul-13	24-Jul-13	1-Aug-13
44th	30-Apr-13	19-Apr-13	
43rd	31-Jan-13	25-Jan-13	
42nd	31-Oct-12	23-Oct-12	
41st	31-Jul-12	25-Jul-12	
40th	30-Apr-12	26-Apr-12	
39th	31-Jan-12	26-Jan-12	
38th	31-Oct-11	26-Oct-11	
37th	31-Jul-11	27-Jul-11	
36th	30-Apr-11	27-Apr-11	
35th	31-Jan-11	28-Jan-11	



Summary of Activities

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



Summary of Activities

Name	Deadline	Completion Date	Resubmission/Update
5th	31-Jul-03	17-Jul-03	
4th	30-Apr-03	24-Apr-03	
3rd	31-Jan-03	27-Jan-03	
2nd	31-Oct-02	23-Oct-02	
1st	31-Jul-02	23-Jul-02	

Annual Reports

2024	31-Jan-25	31-Jan-25	
2023	31-Jan-24	29-Jan-24	
2022	31-Jan-23	31-Jan-23	
2021	31-Jan-22	31-Jan-22	
2020	31-Jan-21	29-Jan-21	
2019	31-Jan-20	30-Jan-20	
2018	31-Jan-19	30-Jan-19	
2017	31-Jan-18	30-Jan-18	
2016	31-Jan-17	30-Jan-17	
2015	31-Jan-16	30-Jan-16	
2014	31-Jan-15	30-Jan-15	
2013	31-Jan-14	30-Jan-14	
2012	31-Jan-13	29-Jan-13	
2011	31-Jan-12	28-Jan-12	
2010	31-Jan-11	28-Jan-11	
2009	31-Jan-10	31-Jan-10	30-Apr-10
2008	31-Jan-09	31-Jan-09	
2007	31-Jan-08	31-Jan-08	
2006	31-Jan-07	27-Jan-07	
2005	31-Jan-06	24-Jan-06	
2004	31-Jan-05	31-Jan-05	
2003	31-Jan-04	30-Jan-04	
2002	31-Jan-03	29-Jan-02	



Name	Deadline	Completion Date	Resubmission/Update
<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	
2nd 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	
RMAP2 100% Milestone Completion Report		Jan-2019	

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



Summary of Activities

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 RMAP2 Submittal for the Baton Rouge SSO 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 RMAP2 Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program (September 2008).

The current status of the RMAP1 projects is presented in Table ES-3 below. All 14 RMAP1 projects are 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 ES-3. EPA Consent Decree Summary and RMAP1 Milestones

Milestone Date		Projects Completed	Projects Completed	Project Status Summary
Construction Status		5/4/2007	9/1/2008	
Consent Decree Projects	Corresponding City/Parish Projects	Complete	Complete	
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	•		
N-06 PS 43 Area Upgrades				



Summary of Activities

Milestone Date		Projects Completed	Projects Completed	Project Status Summary
Construction Status		5/4/2007	9/1/2008	
Consent Decree Projects	Corresponding City/Parish Projects	Complete	Complete	
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	•		
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	•		
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	•		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	•		
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)	•		
	**North Area Comprehensive Rehab. (03-RMP-N23)	•		
	**PS 45 Area Rehab. (00-RMP-N31)	•		
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	•		
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	•		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	•		
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	•		
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	•		



Summary of Activities

Milestone Date		Projects Completed	Projects Completed	Project Status Summary
Construction Status		5/4/2007	9/1/2008	
Consent Decree Projects	Corresponding City/Parish Projects	Complete	Complete	
	PS 944 Area Upgrade (99-RMP-S99)	•		
	PS 177 Area Upgrade (99-RMP-S99)	•		
	**PS 211 Area Upgrades (99-RMP-S11)	•		
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)			Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.



Summary of Activities

Milestone Date		Projects Completed	Projects Completed	Project Status Summary
Construction Status		5/4/2007	9/1/2008	
Consent Decree Projects	Corresponding City/Parish Projects	Complete	Complete	
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		•	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)		•	Project completed – 4th quarter 2007.
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		•	Project completed – 1st quarter 2011.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		•	Project completed – 2nd quarter 2009.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		•	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

PS = Pump Station

RMAP2 Project Descriptions and Schedule for Completion

The City/Parish and Jacobs (formerly CH2M HILL) have 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), *RMAP2 Submittal for the Baton Rouge SSO 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 WWTPs 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 was 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 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 ES-4, ES-5 and ES-6 were updated to reflect any project changes associated with the SSO Program.

As noted in Table ES-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 ES-4, ES-5, and ES-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 ES-4 presents the Category 1 comprehensive rehabilitation sub-basin projects and a delivery milestone schedules.

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

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Jefferson Hwy – HooShooToo Road	•			Project completed – 3rd quarter 2009.
Staring Lane – Boone Drive Area Rehabilitation Project	•			Project completed – 2nd quarter 2010.
Burbank Drive – Gardere Lane Area Rehabilitation Project	•			Project completed – 1st quarter 2011.
Oak Villa – Choctaw Street Area Rehabilitation Project	•			Project completed – 3rd quarter 2011.
Scotland Avenue – Progress Road Area Rehabilitation Project	•			Project completed – 2nd quarter 2011.
Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project	•			Project completed – 3rd quarter 2011.
Sharp Road – Florida Boulevard Area Rehabilitation Project	•			Project completed – 3rd quarter 2012.
Kenilworth Boulevard – Boone Drive Area Rehabilitation Project	•			Project completed – 3rd quarter 2012.
Foster Drive – Government Street Area Rehabilitation Project Phase A	•			Project completed – 4th quarter 2011.



Summary of Activities

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Foster Drive – Government Street Area Rehabilitation Project Phase B	•			Project completed – 3rd quarter 2012.
Silverleaf Road – Ford Street Area Rehabilitation Project	•			Project completed – 4th quarter 2012.
Brookstown Road – Evangeline Street Phase I Area Rehabilitation Project	•			Project completed – 4th quarter 2012.
Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project	•			Project completed – 4th quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project		•		Project completed – 4th quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project		•		Project completed – 1st quarter 2013.
Highland Road – Washington Street Area Rehabilitation Project		•		Project completed – 3rd quarter 2013.
Stanford Avenue – Morning Glory Road Area Rehabilitation Project	•			Project completed – 4th quarter 2012.
Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project		•		Project completed – 3rd quarter 2014.
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		•		Project completed – 2nd quarter 2015.
Acadian Thruway – Claycut Road Area Rehabilitation Project		•		Project completed – 1st quarter 2013.
Acadian Thruway – Perkins Road Area Rehabilitation Project	•			Project completed – 4th quarter 2012.



Summary of Activities

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Antioch Road – Chadsford Drive Area Rehabilitation Project		•		Project completed – 2nd quarter 2015.
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			•	Project completed – 1st quarter 2016.
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project		•		Project completed – 2nd quarter 2015.
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			•	Project completed – 2nd quarter 2016.
Siegen Lane – Interstate 10 Area Rehabilitation Project			•	Project completed – 2nd quarter 2017.
Interstate 110 – Hollywood Street Area Rehabilitation Project			•	Project completed – 3rd quarter 2015.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			•	Project completed – 3rd quarter 2016.
Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project			•	Project completed – 3rd quarter 2017.
Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project			•	Project completed – 3rd quarter 2018.
East Boulevard – Government Street Area Rehabilitation Project			•	Project completed – 3rd quarter 2017.
North 38th Street – Gus Young Avenue Area Rehabilitation Project			•	Project completed – 3rd 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, PS, and transmission mains to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table ES-5 presents a list of Category 2 projects with corresponding milestone schedules.

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Capitol Lake – Gayosa Street Area Capacity Improvements	•			Project completed – 2nd quarter 2012.
Gurney Road – Joor Road	•			Project completed – 4th quarter 2009.
Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades	•			Project completed – 1st quarter 2011.
Comite Road – Foster Road Sewer Area Upgrades - Phase I	•			Project completed – 2nd quarter 2010.
Foster Road –Hooper Road Sewer Area Upgrade	•			Project completed – 4th quarter 2010.
Zachary Area Transmission Network Improvements Phase I - 3 PS and Equalization Basin		•		Project completed – 1st quarter 2013.
Zachary Area Transmission Network Improvements Phase II–Red Mud Lakes Forcemain to NWWTP		•		Project completed – 2nd quarter 2016.
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		•		Project completed – 4th quarter 2014.
Zachary Area Transmission Network Improvements Phase IV–Zachary Improvements		•		Project completed – 4th quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements			•	Project completed – 1st quarter 2017.



Summary of Activities

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



Summary of Activities

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
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 – 1st quarter 2016.
Plank Road-Kleinpeter Road Sewer Area Upgrades		•		Project completed – 1st quarter 2016.
O'Neal Lane Pipeline Improvements – Group A		•		Project completed – 4th quarter 2014.
O'Neal Lane Pipeline Improvements – Group B		•		Project completed – 2nd quarter 2015.
Multiple PS - Nicholson Dr - Brightside Dr		•		Project completed – 2nd quarter 2015.
PS 58 Capacity Improvements		•		Project completed – 1st quarter 2015.
Staring Lane FM (Phase I - Burbank Drive to Highland Road)	•			Project completed – 2nd quarter 2010.
Staring Lane FM (Phase II- Highland Road to Perkins Road)		•		Project completed – 4th quarter 2013.
Staring Lane FM (Phase III - Perkins to PS58)		•		Project completed – 3rd quarter 2014.
Multiple PS - Jefferson Hwy - Park Forest Dr		•		Project completed – 3rd quarter 2012.
Airline Highway Pipeline Improvements-Phase A			•	Project completed – 3rd quarter 2017.



Summary of Activities

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Airline Highway Pipeline Improvements-Phase B			●	Project completed – 3rd quarter 2018.
Multiple PS - Highland Road - Kenilworth Parkway			●	Project completed – 2nd quarter 2017.
Florida Boulevard PS Improvements			●	Project completed – 4th quarter 2018.
Plank Road PS Improvements			●	Project completed – 1st quarter 2017.
Multiple PS - Highway 61 - Plank Road			●	Project completed – 2nd quarter 2018.
O'Neal Lane PS Improvements – Group A			●	Project completed – 2nd quarter 2017.
O'Neal Lane PS Improvements – Group B			●	Project completed – 3rd quarter 2017.
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			●	Project completed – 1st quarter 2018.
Joor Road - Greenwell Springs Road Sewer Area Upgrades			●	Project completed – 3rd quarter 2018.
Plank Road - Port Hudson Pride Road Sewer Area Upgrades			●	Project completed – 3rd quarter 2015.
Highland Road Pipeline Improvements-Group A			●	Project completed – 3rd quarter 2016.
Highland Road Pipeline Improvements-Group B			●	Project completed – 2nd quarter 2017.
Oak Villa Boulevard - Monterrey Boulevard Sewer Area Upgrades			●	Project completed – 2nd quarter 2017.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades			●	Project completed – 4th quarter 2018.
Hooper Road PS Improvements			●	Project completed – 3rd quarter 2018.



Summary of Activities

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Multiple PS - Prescott Rd- Greenwell Springs Rd			•	Project completed – 4th quarter 2018.
Multiple PS - Burbank Drive - Siegen Lane			•	Project complete – 4th quarter 2017.
PS 42 Improvements		•		Project complete – 1st quarter 2016.
PS 42 Forcemain - Phase I		•		Project complete – 3rd quarter 2014.
PS 42 Forcemain - Phase II		•		Project complete – 2nd quarter 2014.
Central Consolidated PS		•		Project complete – 4th quarter 2014.
Central Consolidated Forcemains–Phase I		•		Project complete – 3rd quarter 2013.
Central Consolidated Forcemains–Phase II		•		Project complete – 3rd 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 WWTPs, as well as storage facilities throughout the service area.

There are not any RMAP2 projects that have been identified at the North WWTP (NWWTP). 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 SWWTP. Flows for the current Central service area have been diverted to the SWWTP. The City/Parish received notification that termination of LPDES 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).



WWTPs that are part of RMAP2 submittal are summarized below:

- IAP SWWTP 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 SWWTP 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 SWWTP.
- Phase 2 Improvements at the SWWTP 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 NWWTP that are listed below and depicted as well in Table ES-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 ES-6 below.

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

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



Summary of Activities

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
Milestone Date	1st QTR 2013	2nd QTR 2015	4th QTR 2018	
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
SWWTP Wet Weather Improvements-Phase II (PDP portion)		•		Project completed – 2nd 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 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 supervisory control and data acquisition (SCADA) Project and the Standby Power Program, which will help optimize the overall operation of the treatment facilities and PSs, 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 ES-7.

Table ES-7. Proposed Schedule for Projects Outside of Consent Decree

	Complete	Project Status Summary
NWWTP Plantwide & Master SCADA Project	•	Project completed – 4th quarter 2018.
NWWTP Standby Generator Project	•	Project completed – 4th quarter 2018.
NWWTP Pretreatment & Grit Removal Rehabilitation Project	•	Project completed – 4th quarter 2018.
NWWTP General Electrical Rehabilitation Project	•	Project completed – 4th quarter 2018.
NWWTP Odor Control & Sodium Hypochlorite Project	•	Project completed – 4th quarter 2018.
NWWTP Sustainability Improvements Project	•	Project completed – 3rd quarter 2018.



Summary of Activities

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

Throughout the Program, quarterly progress reports were 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.

Program communications continue to provide City/Parish residents with time critical information on SSO Program projects, educational information on SSOs, pre-treatment outreach 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 2024 (Through December 31, 2024)

The Wastewater Collection division of DES continued outreach to residents before, during, and after repairs. This activity includes calling customers when an inspector is on their way to investigate a complaint, calling customers to report the findings of that inspection, and customers are called when a repair is scheduled at their property. The increased proactive communication is a result of a customer service improvement plan developed in 2021.

In addition, DES continued the "Cap the Cleanout" campaign throughout the City-Parish. This effort includes representatives of DES going door to door to inspect and investigate open and damaged cleanouts, generally identified through smoke testing, throughout the City-Parish, mostly in high I/I PS Basins. Within this effort, cleanout caps are being placed on the defective cleanouts, or repairs are being ordered to remediate the issue. Through this inspection process, when a defective cleanout is found on the private side, the homeowner receives a letter stating the impacts of open cleanouts to the sanitary sewer system, and the importance of repairing the damaged cleanouts in accordance with City Code 1951, Title 2, § 309 and 320; Parish Code 1962, Title 2, § 309 and 320.

DES and its representatives have continued to work alongside homeowners as illicit connections to the sewer system are located through investigations. It is the City-Parish's intent to adhere to the requirements of the Consent Decree and eliminate all openings allow stormwater into the system. When the burden falls on the homeowner to repair the openings, the City-Parish offers guidance and information on best practices to complete the work using formal letters and communications over the phone and in person.



Summary of Activities

Throughout the 4th quarter of 2024, the City-Parish Department of Environmental Services (DES) led numerous efforts to educate and engage with residents, students and stakeholder groups throughout East Baton Rouge Parish on wastewater, environmental, and sustainability functions, topics and practices.

- Renewed contracts for several billboards throughout the parish focused on the City-Parish's SSO Program and wipe and FOG awareness initiatives (see *Appendix A*)
- Attended Science, Technology, Engineering, Arts, and Mathematics (STEAM) Day events at elementary and middle schools to conduct school outreach and educate students on stormwater quality, wipes, and FOG (see *Appendix B*)
- Distributed a utility billing insert focused on the City-Parish's SSO Program, flood awareness, and sewer usage fees (see *Appendix C*)
- 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

APPENDIX A: Billboard Placements

COOL IT. CAN IT. TRASH IT.



DON'T LET FATS, OILS, AND GREASE STRAIN YOUR DRAIN.

LEARN MORE AT WHATSGOOD.BRLA.GOV



“FLUSHABLE” WIPES ARE NOT FLUSHABLE



LEARN MORE AT WHATSGOOD.BRLA.GOV



APPENDIX B: School Outreach





APPENDIX C: Utility Bill Insert

STORM DRAINS ARE JUST FOR RAIN

If you see something, say something!
Report illegal dumping, illicit discharges, and surface water quality issues to 311.

FLOOD AWARENESS FACTS

FLOODS HAPPEN HERE

Approximately 40% of the land area in East Baton Rouge Parish has the potential to be flooded by a 1% annual chance flood. The principal flooding is caused by backwater flooding along the Amite and Comite Rivers and their tributaries.

FLOOD MAPS

Flood maps for East Baton Rouge Parish are available for review at the Department of Development Subdivision Engineering Office, all EBR Parish public library branches, and online at MSC.FEMA.GOV, bria.gov, and maps.isuaigcenter.com/floodmaps.

FLOOD INSURANCE

Almost half of EBR Parish is located in the FEMA Special Flood Hazard Area (SFHA). Flood insurance is highly recommended and is required by law in order to obtain federally secured financing to buy, build, or renovate a structure located in the FEMA SFHA. There are two types of coverage: structural and contents. Renters can buy contents coverage even if the owner does not insure the structure. There is a 30-day waiting period for coverage to take effect; don't wait for the next flood to make sure you're covered. Contact any licensed insurance agent to learn more. NOTE: Flood insurance is not included in most homeowner insurance policies.

FLOOD SAFETY

If your property has a history of flooding or is in a flood hazard area, you should take steps to protect your property. Do not walk or drive through flood water. Six inches of moving water can sweep you off your feet, and most flood deaths occur in cars. Plan an evacuation route to higher ground. If sand and sandbags are needed, you may call the Mayor's Office of Homeland Security and Emergency Preparedness for more information.

To find out the flood risk for your property, or if your property is affected by a floodway, historical flooding, wetlands, or what the anticipated flood depths is for your property, contact Floodplain Management.

DRAINAGE SYSTEM MAINTENANCE

DO NOT dump or throw anything into our ditches or streams; illegal dumping is illegal and punishable by fines. Grass clippings and branches can accumulate and plug channels.

Flooding, erosion, or drainage concerns? Residents experiencing flooding and drainage problems can receive technical assistance and schedule on-site visits by contacting 311.

PROPERTY PROTECTION

Flood proofing is a technique that helps protect your property from water damage through home elevation, retrofitting, grading a yard, or correcting drainage problems. Informative brochures on property protection can be found at the library or obtained from FEMA. A building permit may be required for retrofitting projects. City Parish staff is available to discuss retrofitting and make site visits. The Department of Development provides flood protection assistance, including advice on retrofitting and information on selecting qualified contractors. Funding or other financial assistance may be available for elevation and other mitigation activities. Contact Floodplain Management to learn more.

CONTACT INFORMATION:

EBR Mayor's Office of Homeland Security and Emergency Preparedness: 225-389-2100

Floodplain Management: 225-389-3196

City of Baker: 225-778-0858

City of Central: 225-262-5008

City of St. George: 225-228-3000

City of Zachary: 225-654-6873

SEWER USAGE FEE UPDATES

Effective January 1, 2025, the sewer user fee rate increased by 4% to fund sewer improvements as mandated by the U.S. Environmental Protection Agency and the LA Department of Environmental Quality. The sewer user fee is governed by Ordinance 18504. Please visit our website for more information: bria.gov/finance. If you have any billing questions, or would like to request a review of your account, please contact our office at (225)389-5378, or email us at: financeinternetaccount@bria.gov.

WAYS TO REDUCE YOUR SEWER BILL

- Reduce water usage during averaging months (Oct., Nov., Dec., Feb., Mar., Apr.)
- Limit lawn watering
- Repair leaking toilets and faucets
- Report water meter leaks to your water company

SOLID WASTE ASSISTANCE PROGRAM

Low-income residents that meet eligibility requirements will receive a monthly discount of \$4.50 on the solid waste user fee. Residents receiving the discount must recertify every 12 months. For information on this program, call (225) 389-5378 or (225) 389-4561, or visit: bria.gov/finance.

Note: This discount only applies to the residents outside the city limits of Baker and Zachary.

AUTOMATED PAYMENT OPTIONS

Contact your water company for more information and to set up automated payments.



Bank draft (no fee)



Telephone (with fee)



Online (with fee)

USING BILLPAY FROM YOUR BANK

Confirm with your bank how these payments are remitted to your water company. These payments are not always remitted electronically, and it may take several days to be received and posted to your account.



Preventive Maintenance Plan Summary Totals

Jan. 1 – Dec. 31, 2024

Summary of Activities	1st Quarter (88 th)		2nd Quarter (89 th)		3rd Quarter (90 th)		4th Quarter (91 st)		Totals		
	88 th Quarterly Total	% Complete	89 th Quarterly Total	% Complete	90 th Quarterly Total	% Complete	91 st Quarterly Total	% Complete	Annual Total	% Complete	Annual Goal
Gravity Collection System (9,567,474.59ft/42,331MH)											
Pipe Cleaned (ft)	132,477	23.24%	99,920	17.53%	92,972	16.31%	122,011	21.41%	447,381	78.49%	570,000
Pipe Inspected/CCTV (ft)	53,698	9.42%	164,758	28.90%	14,648	2.57%	17,148	3.01%	250,252	43.90%	570,000
Pipe Smoke Tested (ft)	15,791	----	35,844	----	46,112	----	22,070	----	119,817	----	----
Pipe Acoustic Inspected (ft)	9,785	----	1,936	----	13,875	----	39,027	----	64,623	----	----
Dye Tests (ea.)	33	----	60	----	112	----	93	----	298	----	----
Manholes Inspected (ea.)	159	6.36%	185	7.40%	612	24.48%	373	14.92%	1,329	53.18%	2,500
Manholes Rehabilitated (ea.)*	73	----	277	----	238	----	343	----	932	----	----
Pipes Repaired (ea.)	37	----	42	----	60	----	51	----	190	----	----
CIPP Pipe (ft)*	0	----	0	----	536	----	0	----	536	----	----
CIPP Pipe Laterals (ea)*	0	----	0	----	0	----	0	----	0	----	----
Valves (1,879)											
ARVs Inspected/Maintained (ea.)	594	61.88%	39	4.06%	143	14.90%	96	10.00%	873	90.92%	960
ARVs Repaired (ea.)*	50	----	25	----	24	----	28	----	127	----	----
Isolation Valves Inspected/Exercised (ea.)	29	----	122	----	45	----	34	----	230	----	----
Pump & Lift Stations (514)											
Inspections (no.)	2,327	5.16%	2,864	6.35%	2,158	4.78%	2,381	5.28%	9,872	21.87%	45,136
Wet wells cleaned	198	----	183	----	203	----	246	----	830	----	----
Repaired (no.)*	227	----	233	----	176	----	157	----	793	----	----



Summary of Activities

North Plant- LA0036439

Summary of Activities	1st Quarter Total (88 th)	2nd Quarter Total (89 th)	3rd Quarter Total (90 th)	4th Quarter Total (91 st)
	Jan. – Mar. 2024	Apr. – Jun. 2024	Jul. – Sep. 2024	Oct. – Dec. 2024

Gravity Collection System (2,983,981.97ft/12,328MH)

Pipe Cleaned (ft)	2,887	24,427	11,499	3,251
Pipe Inspected/CCTV (ft)	3,547	62,882	11,499	2,162
Pipe Smoke Tested (ft)	0	0	0	13,803
Pipe Acoustic Inspected (ft)	0	0	7,775	4,880
Dye Tests (ea.)	11	5	98	0
Manholes Inspected (ea.)	7	12	124	116
Manholes Rehabilitated (ea.)*	7	144	93	62
Pipes Repaired (ea.)	4	15	38	18
CIPP Pipe (ft)*	0	0	256	0
CIPP Pipe Laterals (ea)*	0	0	0	0

Valves (928)

ARVs Inspected/Maintained (ea.)	465	0	40	55
ARVs Repaired (ea.)*	23	14	6	9
Isolation Valves Inspected/Exercised (ea.)	5	67	23	22

Pump & Lift Stations (189)

Inspections (no.)	705	1,188	1,294	1,473
Wet wells cleaned	68	82	80	110
Repaired (no.)*	75	118	86	73



Summary of Activities

South Plant-LA0036412

Summary of Activities	1st Quarter Total (88 th)	2nd Quarter Total (89 th)	3rd Quarter Total (90 th)	4th Quarter Total (91 st)
	Jan. – Mar. 2024	Apr. – Jun. 2024	Jul. – Sep. 2024	Oct. – Dec. 2024
Gravity Collection System <i>(6,583,492.62/30,003MH)</i>				
Pipe Cleaned (ft)	129,590	75,493	81,473	118,760
Pipe Inspected/CCTV (ft)	50,151	101,876	3,149	14,986
Pipe Smoke Tested (ft)	15,791	35,844	46,112	8,267
Pipe Acoustic Inspected (ft)	9,785	1,936	6,100	34,147
Dye Tests (ea.)	22	55	14	93
Manholes Inspected (ea.)	152	173	488	257
Manholes Rehabilitated (ea.)*	66	133	145	281
Pipes Repaired (ea.)	33	27	22	33
CIPP Pipe (ft)*	0	0	280	0
CIPP Pipe Laterals (ea)*	0	0	0	0
Valves (951)				
ARVs Inspected/Maintained (ea.)	129	39	103	41
ARVs Repaired (ea.)*	27	11	18	19
Isolation Valves Inspected/Exercised (ea.)	24	55	22	12
Pump & Lift Stations (325)				
Inspections (no.)	1,622	1,676	864	908
Wet wells cleaned	130	101	123	136
Repaired (no.)*	152	115	90	84

**Part A:
Cross Connection
Elimination Plan**

Part A. Summary of Activities

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.

Ten public cross connections and two private cross connection were discovered during this quarter. Ten public cross connection and one private cross connection were eliminated during this quarter. During the reporting period approximately 22,070 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding cross connections.

Summary	North Plant LA0036439 AI# 4843	South Plant LA0036412 AI# 4841	Total
Total No. of Public Cross Connections Identified:	1	9	10
Total No. of Public Cross Connections Eliminated:	1	9	10
Total No. of Private Cross Connections Identified:	0	2	2
Total No. of Private Cross Connections Eliminated:	0	1	1

Summary of Cross Connections Identified/Eliminated

No.	Date Identified	Location	Private (Y/N)	Current Status	Notice Date	Date Eliminated
North Plant (LA0036439 AI# 4843)						
1	10/7/2024	2385 Mason Ave	Public	Eliminated	12/3/2024	12/3/2024
South Plant (LA0036412 AI# 4841)						
1	10/2/2024	1882 BELLROSE DR	Public	Eliminated	10/9/2024	10/9/2024
2	10/2/2024	8718 OLD HAMMOND HWY	Public	Eliminated	10/9/2024	10/9/2024
3	8/12/2024	13535 Minou Ave	Public	Eliminated	10/29/2024	11/15/2024
4	10/1/2024	222 E Boyd Dr	Private	Eliminated	10/15/2024	10/31/2024
5	8/5/2024	13656 Minou Ave.	Private	Ongoing	9/15/2024	-
6	9/16/2024	1813 Beechgrove Dr.	Public	Eliminated	10/16/2024	11/7/2024
7	10/16/2024	11410 KING RICHARD DR (058-02655C)	Public	Eliminated	10/17/2024	10/17/2024
8	10/16/2024	11421 OLD HAMMOND HWY (058-02655B)	Public	Eliminated	10/17/2024	10/17/2024
9	10/16/2024	11529 OLD HAMMOND HWY (058-02655L)	Public	Eliminated	10/17/2024	10/17/2024



Summary of Activities

10	10/16/2024	11555 OLD HAMMOND HWY (058-02655D)	Public	Eliminated	10/17/2024	10/17/2024
11	10/16/2024	11331 OLD HAMMOND HWY (058-02655A)	Public	Eliminated	10/17/2024	10/17/2024

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 10/01/24 to 12/31/24. If not, see comments above.



Part B: Preventive Maintenance Program (PMP)



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 PMP 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.

B.1 Summary of Activities

During the reporting period, the City/Parish DES staff have followed our standard operating procedures and continued to follow the 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

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 PMP plans.



Preventive Maintenance Program (PMP)

Summary of Collection System Activities

	Quarterly Total Oct. - Dec. 2024	Cumulative 2024 Annual Total	2024 Annual Goal
Gravity Collection System (9,567,474.59ft/42,331MH)			
Pipe Cleaned (ft)	122,011	447,381	570,000
Pipe Inspected/CCTV (ft)	17,148	250,252	570,000
Pipe Smoke Tested (ft)	22,070	119,817	----
Pipe Acoustic Inspected (ft)	39,027	64,623	----
Dye Tests (ea)	93	298	----
Manholes Inspected (ea.)	373	1,329	2,500
Manholes Rehabilitated (ea.)*	343	932	----
Pipes Repaired (ea.)*	51	190	----
CIPP Pipe (ft)*	0	536	----
CIPP Pipe Laterals (ea.)*	0	0	----
Valves (1,879)			
ARVs Inspected / Maintained	96	873	960
ARVs Repaired (ea.)*	28	127	----
Isolation Valves Inspected/Exercised (ea.)	34	230	----
Pump & Lift Stations (514)			
Inspections (no.)	2,381	9,872	45,136
Wet wells cleaned	246	830	----
Repaired (no.)	157	793	----

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

The City/Parish [is] [is not] in compliance with Section IX PMP Plan for the period 10/01/24 to 12/31/24. If not, see comments above.



Preventive Maintenance Program (PMP)

Summary of Activities by Treatment Plant Service Area

North Plant (LA0036439 AI #4843)	Quarterly Total Oct. - Dec. 2024	Cumulative 2024 Annual Total
<i>Gravity Collection System (2,983,981.97ft/12,328MH)</i>		
Pipe Cleaned (ft)	3,251	42,064
Pipe Inspected/CCTV (ft)	2,162	80,090
Pipe Smoke Tested (ft)	13,803	13,803
Pipe Acoustic Inspected (ft)	4,880	12,655
Dye Tests (ea)	0	114
Manholes Inspected (ea.)	116	259
Manholes Rehabilitated (ea.)*	62	306
Pipes Repaired (ea.)*	18	75
CIPP Pipe (ft)*	0	256
CIPP Pipe Laterals (ea.)*	0	0
<i>Valves (928)</i>		
ARVs Inspected / Maintained	55	560
ARVs Repaired (ea.)*	9	52
Isolation Valves Inspected/Exercised (ea.)	22	117
<i>Pump & Lift Stations (189)</i>		
Inspections (no.)	1,473	4,745
Wet wells cleaned	110	340
Repaired (no.)	73	352

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 PS or storage facility.



Preventive Maintenance Program (PMP)

Summary of Activities by Treatment Plant Service Area

South Plant (LA0036412 AI #4841)	Quarterly Total Oct. - Dec. 2024	Cumulative 2024 Annual Total
<i>Gravity Collection System (6,583,492.62ft/30,003MH)</i>		
Pipe Cleaned (ft)	118,760	405,316
Pipe Inspected/CCTV (ft)	14,986	170,162
Pipe Smoke Tested (ft)	8,267	106,014
Pipe Acoustic Inspected (ft)	34,147	51,968
Dye Tests (ea)	93	184
Manholes Inspected (ea.)	257	1,070
Manholes Rehabilitated (ea.)*	281	626
Pipes Repaired (ea.)*	33	115
CIPP Pipe (ft)*	0	280
CIPP Pipe Laterals (ea.)*	0	0
<i>Valves (951)</i>		
ARVs Inspected / Maintained	41	312
ARVs Repaired (ea.)*	19	75
Isolation Valves Inspected/Exercised (ea.)	12	113
<i>Pump & Lift Stations (325)</i>		
Inspections (no.)	908	5,127
Wet wells cleaned	136	490
Repaired (no.)	84	441

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 PS or storage facility.

**Part C:
Sanitary Sewer Overflow
Response Plan**



Part C. Sanitary Sewer Overflow Response Plan

Requirement: Pursuant to Paragraph 24, Section X of the Consent Decree, The City/Parish shall implement the SSORP attached to the Consent Decree as Exhibit A.

C.1 Summary of Activities

A total of sixty-seven (67) SSOs were responded to during this reporting period, of which eight (8) overflows occurred at the WWTPs. The SSO 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 SSO 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 PMP.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	24
North Plant-LA0036439 AI# 4843 Treatment Plant	3
South Plant-LA0036412 AI# 4841 Collection System	35
South Plant-LA0036412 AI# 4841 Treatment Plant	5
Total	67

** 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 SSO Response Plan (SSORP) for the period 10/01/24 to 12/31/24. If not, see comments above.

**Part D:
Reporting of Unauthorized
Discharges**



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.

D.1 Summary of Unauthorized Discharges

The attached SSO 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 SSO Monitoring Report also identifies the steps taken to prevent the recurrence of the discharge. As shown below, a total of sixty-seven (67) unauthorized discharges occurred during this quarter, of which seven discharges occurred at the WWTPs.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	24
North Plant-LA0036439 AI# 4843 Treatment Plant	3
South Plant-LA0036412 AI# 4841 Collection System	35
South Plant-LA0036412 AI# 4841 Treatment Plant	5
Total	67

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

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 10/01/24 to 12/31/24. If not, see comments above.



NORTH Sewer District Collection System LPDES LA0036439A# 4843
 10/01/2024 To 12/31/2024

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/04/2024	2385 Mason Ave.	There was evidence of sewerage discharge in a hole. The discharge was caused by a disconnected service lateral in the city servitude. The Service Inspector did not witness the active overflow. MH# 044-00566.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the service lateral to be CCTV for roots/debris/grease. A work order was also issues to have contractors to make the repair on the sewer line.	None	25	44	93	49	6.83	0.13
10/07/2024	7541 Summer Place 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# 313-00004.	Recorded sewage dsicharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and Pacific Moon. Two gallons of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	25	313	152	85	7.03	0
10/12/2024	15318 Beaufort Dr.	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# 181-00038.	Recorded sewage dsicharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	25	181	298	83	7.22	0
10/20/2024	2085 Central Rd.	There was a malfunctioning Air Release Valve causing the sewer manhole to overflow. ARV# 045-30.	Recorded sewage dsicharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site. Five gallons of Beta Magc was also used to deodorize the area.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	Monte Sano Bayou	100	45	76	29	7.34	0
10/22/2024	2085 Central Rd.	There was evidence of sewerage discharge around the sewer manhole that house the Air Release Valve. The discharge was caused by a malfunctioning Air Release Valve. The Service Inspectore did not witness the active overflow. ARV#-045-30	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using Sixty five gallons of Mountain Fresh, Seventy two gallons of Pacific Moon. One hundred and nine gallons of Bleach, and seventy two gallons of Betazyme disinfectant was used to sanitize the site. Eighty five gallons of Beta Magic was also used to deodorize the area.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	25	45	74	57	NA	0
10/24/2024	855 Progress Rd.	There was evidence of sewerage discharge around the sewer manhole that house the Air Release Valve. The discharge was caused by a malfunctioning Air Release Valve. The	Recorded sewage dsicharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site. Two and	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	25	45	91	53	7.20	0



Reporting of Unauthorized Discharges

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
		Service Inspectore did not witness the active overflow. ARV#-045-39	one half gallons of Beta Magic was also used to deodorize the area.								



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/31/2024	5612 Sunshine Park Ct.	There was evidence of sewage discharge around the four and 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# 045-00081E.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices. We will also request for the sewer line to be CCTV for debris/roots/grease.	None	25	45	78	32	7.27	1.59
10/31/2024	6612 Audusson Dr.	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# S20-00044.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	None	25	220	378	362	7.62	1.6
11/2/2024	10927 Pharlap Way	There was evidence of sewerage 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.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh.	Advised the resident and provided flyer indicating the best practices. We will also request for the sewer lateral to be CCTV for debris/roots/grease/	None	25	541	56	124	6.96	0
11/2/2024	6744 Silverleaf Ave.	There was evidence of sewerage discharge around the six inch clean-out. The discharge was possible caused by a surcharging sewerage system due to heavy rain event. MH# 047-00138.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for I & I problems.	None	25	47	114	176	6.75	0
11/4/2024	5962 Nashville Ave.	There was evidence of sewerage 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# 047-00138.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	35	101	87	7.04	T
11/8/2024	9704 Foster Rd.	There was evidence of sewerage discharge in the storm drain. The discharge was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# S10-00040.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for a smoke test to be performed on this line segment.	None	25	313	494	252	7.21	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
11/11/2024	16528 Shetland Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 106-00028.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	Beaver Bayou	10	106	176	77	7.06	0
11/11/2024	10936 Downey Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 249-00046.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Draughan Creek	20	249	176	77	7.06	0
11/18/2024	12111 Plank Rd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 045-00293A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Mountain Fresh, and two gallons of Pacific Moon. Two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	Cypress Bayou	180	45	66	31	6.68	0.6
11/19/2024	5680 Rickover Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 045-00293C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Mountain Fresh, and two gallons of Pacific Moon. Two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for a smoke test to be performed on this line segment.	Cypress Bayou	180	45	45	21	6.69	1.3
11/30/2024	6060 Winchester Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 052-00731.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Hollywood Lateral	7	52	67	98	7.44	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/11/2024	10526 Tallowood Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 176-00003.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Blackwater Bayou	150	176	223	53	6.52	T
12/11/2024	10424 Tallowood Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 176-00003.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also request for a smoke or dye test be performed on this line segment.	Blackwater Bayou	150	176	223	53	6.52	T
12/11/2024	12014 Lancewood Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 176-00003.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Blackwater Bayou	150	176	223	53	6.52	T
12/18/2024	Hooper Rd and Breeden Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 341-00012.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using four gallons of Mountain Fresh, four gallons of Pacific Moon. Six gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	Cypress Bayou	12	341	134	116	7.06	0
12/26/2024	5127 Shelley St.	There was evidence of sewerage 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# 024-00142.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices. We also request for the service lateral to CCTV for debris/roots/grease	None	25	24	120	71	N/A	T



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/29/2024	7722 Governor Derbigny Dr.	There was evidence of sewerage discharge around the sewer manholes, The discharge was caused by Pump Station # 313 having a power failure. The Serive Inspector did not witness the active overflow. MH# 313-00001;00004.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was cleaned with fresh water and deodorized using one gallon of Mountain Fresh, one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	None	75	313	185	44	7.02	0
12/31/2024	1064 W England Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 289-00053.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Engineer Depot Canal	150	289	32	155	6.75	0

BOD = biochemical oxygen demand
TSS = total suspended solids



SOUTH Sewer District Collection System LPDES LA0036412 AI#4841

10/01/2024 To 12/31/2024

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/01/2024	11225 Major Oak Dr.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused of the overflow is unknown. The Service Inspector did not witness the active overflow. MH# 050-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	50	200	94	7.31	0
10/13/2024	17228 Appomattox 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# 112-00020.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	112	125	77	7.19	0
10/15/2024	15324 Airline Hwy	There was a malfunctioning Air Release Valve causing the sewer manhole to overflow. ARV# 365-04.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	Ward Creek	10	365	151	168	7.17	M
10/24/2024	11726 Tams Dr.	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# 100-00024.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	258	100	161	181	7.49	0
10/24/2024	1125 Cora Dr.	There was evidence of sewerage discharge around the six inch clean-out. The discharge was caused by a stoppage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 058-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to sanitize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	58	161	181	7.49	0
10/25/2024	Perkins Rd @ Bluebonnet Blvd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 300-00009.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Dawson Creek	7	300	192	80	7.43	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
10/29/2024	1259 S.17th St.	There was evidence of sewerage discharge in the storm drain. The discharge was possible caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 007-04640.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water.	We will request for the sewer line to be CCTV for debris/roots/grease.	Dawson Creek	25	7	188	153	6.95	T
11/4/2024	13936 Tonya Dr.	There was evidence of sewerage discharge around the sewer manhole. The discharge was possible caused by a surcharging sewerage system during the heavy rain event. The Service Inspector did not witness the active overflow. MH# 156-00010.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for I & I problems.	None	25	156	80	132	7.12	T
11/4/2024	634 Longwood Dr.	There was evidence of sewerage discharge around the six inch clean-out. The discharge was possible caused by a surcharging sewerage system due to heavy rain event. MH# 004-02983.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for I & I problems.	None	25	4	80	90	7.25	T
11/4/2024	18917 W Piney Point Ave.	There was evidence of sewerage 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# 211-00050.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	211	80	132	7.12	T
11/9/2024	1031 W Lee Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 305-00029.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was wahed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Arlington Creek	40	305	143	167	7.24	0.4
11/12/2024	13555 Old Hammond Hwy	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 215-00016.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Lively Bayou	1,000	215	135	148	7.27	0.2
11/12/2024	12914 Woodshire Place	There was evidence of sewerage discharge around the sewer manhole. The discharge was possible caused by a surcharging sewerage system during the heavy rain event. The Service Inspector	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to CCTV for I & I problems.	None	25	136	135	148	7.27	0.2



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
		did not witness the active overflow. MH# 136-00337.									
11/13/2024	9639 Great Smoky Ave.	There was evidence of sewerage discharge around the sewer manhole. The discharge was caused by a malfunctioning Air Release Valve. The Service Inspector did not witness the active overflow. ARV# 016-08.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh, and one gallon of Pacific Moon. 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	25	51	40	61	6.98	0.68
11/17/2024	1032 Drago Dr.	There was evidence of sewerage 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# 446-00083.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh, and one gallon of Pacific Moon. Two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Advised the resident and provided flyer indicating the best practices. We will also request for the sewer lateral to be CCTV for debris/roots/grease/	None	25	446	132	180	7.09	0
11/19/2024	11623 W Sherwood Meadow Ave.	There was evidence of sewerage 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# 066-00176.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. Two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	66	216	231	7.07	1.34
11/19/2024	9222 Kimberly Way	There was evidence of sewerage 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# 051-00205A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one Pacific Moon. Two gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	51	216	231	7.07	1.34
11/27/2024	9222 Kimberly Way	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 051-00205A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using four gallons of Mountain Fresh, and four gallons of Pacific Moon. Six gallons of Bleach was used to sanitize the site. Five 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.	Engineer Depot Canal	180	51	256	162	7.1	0
11/29/2024	18354 Oak Lane Ave.	There was evidence of sewerage 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# 390-00024.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	Advised the resident and provided flyer indicating the best practices. We will also request for the sewer lateral to be CCTV for debris/roots/grease/	None	25	390	162	131	7.15	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/4/2024	15716 Fawn Ridge Ave.	There was evidence of sewerage discharge around the sewer manhole. The discharge was caused by a malfunctioning Air Release Valve. The Service Inspector did not witness the active overflow. ARV# 346-02	Recorded sewage discharge and dispatched wash truck to clean the area. The site was cleaned with fresh water and deodorized using one gallon of Mountain Fresh, one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	25	346	156	177	7.17	0.1
12/10/2024	Morning Glory Ave.	There was evidence of sewerage discharge around the sewer manhole. The discharge was caused by a malfunctioning Air Release Valve. The Service Inspector did not witness the active overflow. ARV# 010-18.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was cleaned with fresh water and deodorized using one gallon of Mountain Fresh, one gallon of Pacific Moon. Two gallons of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	25	5	209	18	7.28	1.3
12/11/2024	N 22nd St.	Contractors were working in the area and broke the main sewer pipe causing the sewer to overflow. MH# 060-07141A..	Recorded sewage discharge and dispatched wash truck to clean the area. The site was cleaned with fresh water and deodorized using one gallon of Mountain Fresh, one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	A workorder was created to have contractor make the sewer repair.		1	60	213	42	6.95	T
12/12/2024	612 S 18th St.	There was evidence of sewerage discharge around the sewer manhole. The cause of the discharge is unknown. The Service Inspector did not witness the active overflow. MH# 059-06373.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed using fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for I & I problems.	None	25	59	81	100	7.15	0
12/13/2024	Elvin and Romona Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 142-05009.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Bayou Fountain	2,000	142	87	135	7.26	0
12/13/2024	1110 N Ardenwood Dr.	There was evidence of sewerage discharge around the six and four inch clean-outs. The discharge was caused by a stoppage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 204-00011.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed using fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	Advised the Apartment Manager and provided a flyer indicating the best practices.	None	25	204	87	135	7.26	0
12/16/2024	Coy Ave.	There was a stoppage found in the city's main collection line causing the 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 deodorized using one gallon	We will request for the sewer line to be CCTV for debris/roots/grease.	Bayou Fountain	3	142	116	56	7.09	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
			of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.								
12/17/2024	1138 N. Foster Dr.	There was evidence of sewerage discharge around the sewer manhole and 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# 058-00998.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. One gallon of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease.	Melrose Canal	25	58	102	88	7.45	0
12/18/2024	3131 College Dr.	There was a stoppage found in the six inch service lateral causing the six clean-out to overflow. MH# 005-04032C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices.	Dawson Creek	20	5	96	122	7.35	0
12/18/2024	7324 Menlo Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 058-00284.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Bayou Fountain	5	58	96	122	7.35	0
12/19/2024	1250 Neosho Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 228-08339.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed using fresh water and deodorized using one gallon of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	None	25	228	92	49	7.17	0
12/19/2024	765 Harvey Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 050-00599.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. One gallon of Bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	We will request for the sewer line to be CCTV for debris/roots/grease. We will also request for a smoke or dye test be performed on this line segment.	None	25	50	92	49	7.17	0
12/23/2024	13555 Old Hammond Hwy	There was evidence of sewage discharge around the six inch clean-out. The cause of the overflow is unknown. The Service Inspector did not witness the active overflow. MH# 215-00016.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was cleaned with fresh water and deodorized using one gallon of Mountain Fresh, one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for I & I problems.	None	25	215	44	117	7.24	0
12/23/2024	4294 Billops St.	There was evidence of sewerage 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# 048-00192.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. One gallon of Bleach was used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices.	None	25	48	77	90	7.38	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
12/27/2024	2154 Olive St.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 059--06482B.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Dawson Creek	5,000	59	180	133	7.32	0.2
12/31/2024	13131 Woodridge Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 435-00019.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, and one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/roots/grease.	Ward Creek	1	435	18	54	7.3	0

BOD = biochemical oxygen demand
TSS = total suspended solids



October 17, 2024

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

Email via: writtennotificationLDEQ@la.gov

Re: LPDES Permit Number(s):

LA0036439
AI #4843

Dear Sir/Madame:

Enclosed herewith is our report for a discharge over our allowable permit parameter for September 29, 2024 through October 5, 2024.

Sincerely yours,

Adam M. Smith, P.E.
Interim Environmental Services Director

AMS/cdt

xc: Greg Rome, Parish Attorney
Rickey Brouillette, P.E., Chief of Engineering & Technology-Wastewater
Justin Sharper, P.E., Engineering Manager
Cynthia Thomas, Wastewater Treatment Laboratory Supervisor

Enclosure(s):

NONCOMPLIANCE FORM

NAME: Wastewater Treatment and Disposal

ADDRESS: 50 Woodpecker St **PLANT NAME:** North Treatment Plant

CITY: Baton Rouge **STATE:** Louisiana **ZIP CODE:** 70802

PHONE: (225) 389-3240

CONTACT: Adam Federau

LPDES PERMIT # LA0036439 **AND** **AGENCY INTEREST (AI#)** 4843

DATE OF NONCOMPLIANCE: 09/29-10/5/2024 **TIME:** Grab

<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>Fecal Coliform</u>	<u>425 col./100 mL</u>	<u>400 col./100 mL</u>
_____	_____	_____

DESCRIPTION OF NONCOMPLIANCE: Test data exceeded the LPDES permit limit of 400 col./100 mL for a 7-day geomean.

CAUSE OF NONCOMPLIANCE: During the week of noncompliance, the daily average influent BOD was 251 mg/L. For the month of September, the daily average was 143 mg/L. During the week of 9/29, the WWTP had only 2 of the 6 PSTs in operation. On Monday 9/29, sludge pumps on basins 1 & 2 experienced clogs not allowing sludge to be pumped out of the in-service basins. The elevated BOD concentration and reduced sludge removal caused BOD concentrations in the primary effluent to increase. Average BOD of the primary effluent was 310 mg/L, heading to trickling filter treatment. Trickling filter effluent BOD concentrations averaged 48 mg/L, a removal of 84%. Even with good removal, effluent concentrations were still elevated reducing the efficiency of hypochlorite treatment. This led to three days of high fecal results, resulting in the exceedance of the permitted 400 col./100 mL.

DATE (TO BE) CORRECTED: Friday 10/4 plant operations started cleaning and repairs on the primary basins.

CORRECTIVE ACTION: Beginning Friday 10/4, primary basins 1, 2 and 4 were pumped down one at a time and thoroughly cleaned to prevent sludge pumps from clogging. At this time small repairs were done to each PST to ensure flights were operating correctly. On Tuesday 10/15 basins 1, 2 and 4 were all in service having been cleaned and repaired. This will help with loading distribution as well as ensure sludge removal via pumping.

FW: [EXTERNAL] Online Spill Report: Confirmation: OS2828 - 11/6/2024 11:00:27 AM

From Boehringer, Blake <Blake.Boehringer@jacobs.com>

Date Fri 11/8/2024 9:12 AM

To Cynthia D. Thomas <cdthomas@brla.gov>

*****EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.*****

See below.

From: deq_no_reply@la.gov <deq_no_reply@la.gov>

Sent: Wednesday, November 6, 2024 11:00 AM

To: spoc@la.gov

Cc: Boehringer, Blake <Blake.Boehringer@jacobs.com>

Subject: [EXTERNAL] Online Spill Report: Confirmation: OS2828 - 11/6/2024 11:00:27 AM

Reference Information	
Louisiana State Police HazMat Hotline Report Number (if applicable):	
National Response Center Number (if applicable):	
AI Number:	4841
Permit Number:	LA0036412
Reporter Information	
* First Name:	Blake
* Last Name:	Boehringer
Title:	Operations Manager
* Company:	Jacobs
* Phone Number:	225-521-3154
Mailing Address:	50 Woodpecker St
City:	Baton Rouge
State:	Louisiana
Zip:	70820
Email:	blake.boehringer@jacobs.com
Responsible Party Information	
* Responsible Party Company name:	City of Baton Rouge
Mailing address (if different from above):	2850 Gardere Lane
City:	BATON ROUGE
State:	Louisiana
Zip:	70820

Physical Location of Incident	
* Address:	2850 Gardere Lane
* City:	BATON ROUGE
* State:	Louisiana
* Parish of Occurrence:	East Baton Rouge Parish
Incident Details	
* Date of Discharge:	11/02/2024
* Noticed Time Began:	02:30:00
Noticed Time Ended:	03:30:00
* Media Affected:	soil
If water, name the nearest water body:	
If air, note wind direction and weather conditions:	
* Product / Material release and quantity:	Sludge / 4,000 Gallons
* Description of release:	Belt pressing was in progress when the isolation valve that sends sludge to the holding tank for the mobile belt press failed. The holding tank was filled and overflowed the sides of the tank.
How was the spill contained?	Once the spill was noticed, press operations were shut down and the sludge pumps were turned off. The valve was replaced the following day.
How was the spill cleaned?	A vacuum truck was on site to clean the sludge on the ground. A squeegee was used to move standing sludge to a containment area which the vac truck could clean. Once the ground was cleaned, approximately 250 pounds of lime was spread over the effected area.
Directions for reaching the site:	
Password:	YkneObxQOo Click here to update the incident.

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.



November 8, 2024

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

Email via: writtennotificationLDEQ@la.gov

Re: LPDES Permit Number(s):

LA0036439 AI #4843
LA0036412 AI #4841

Dear Sir/Madame:

Enclosed herewith is our report for discharge over our allowable permit parameter for 11-01-2024.

Sincerely yours,

Adam M. Smith, P.E.
Interim Environmental Services Director

AMS/cdt

xc: Greg Rome, Parish Attorney
Rickey Brouillette, P.E., Chief of Engineering & Technology-Wastewater
Justin Sharper, P.E., Engineering Manager
Cynthia Thomas, Wastewater Treatment Laboratory Supervisor

Enclosure(s):

NONCOMPLIANCE FORM

NAME: Wastewater Treatment and Disposal

ADDRESS: 50 Woodpecker St **PLANT NAME:** North Treatment Plant

CITY: Baton Rouge **STATE:** Louisiana **ZIP CODE:** 70807

PHONE: (225) 389-3240

CONTACT: Adam Federau

LPDES PERMIT # LA0036439 **AND** **AGENCY INTEREST (AI#)** 4843

DATE OF NONCOMPLIANCE: 11-01-2024 **TIME:** Grab

PARAMETER

CONCENTRATION

PERMIT LIMIT

Fecal Coliform

Out of Holding Time

Out of Holding Time

DESCRIPTION OF NONCOMPLIANCE: Fecal Coliform out of holding time.

CAUSE OF NONCOMPLIANCE: Due to an accident on the interstate, the contract private laboratory (SGS) did not receive Fecal Coliform sample in time to perform analysis.

DATE (TO BE) CORRECTED: NA

CORRECTIVE ACTION: Unforeseen event.

WWTP SUPERVISOR SIGNATURE: 

NONCOMPLIANCE FORM

NAME: Wastewater Treatment and Disposal

ADDRESS: 2850 Gardere Ln **PLANT NAME:** South Treatment Plant

CITY: Baton Rouge **STATE:** Louisiana **ZIP CODE:** 70820

PHONE: (225) 389-3240

CONTACT: Adam Federau

LPDES PERMIT # LA0036412 **AND** **AGENCY INTEREST (AI#)** 4841

DATE OF NONCOMPLIANCE: 11-01-2024 **TIME:** Grab

PARAMETER

CONCENTRATION

PERMIT LIMIT

Fecal Coliform

Out of Holding Time

Out of Holding Time

DESCRIPTION OF NONCOMPLIANCE: Fecal Coliform out of holding time.

CAUSE OF NONCOMPLIANCE: Due to an accident on the interstate, the contract private laboratory (SGS) did not receive Fecal Coliform sample in time to perform analysis.

DATE (TO BE) CORRECTED: NA

CORRECTIVE ACTION: Unforeseen event.



December 2, 2024

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

email via: writtennotificationLDEQ@la.gov

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036412 AI # 4841
Overflow

Dear Sir/Madame:

We had an overflow at the South Treatment Plant which began on October 31, 2024 at 2340 hours and ended on October 31, 2024 at 2350 hours. During this time, an estimated 510,000 gallons of primary effluent wastewater overflowed onto plant grounds.

This overflow was caused by power failure in the Motor Control Center (MCC) that blew a fuse resulting in loss of power to the VFD controllers used to run the pump station. Operations manually ran controls by hand which stopped the overflow. Plant Electricians replaced the fuse and normal operations resumed. The area was drained, trash and debris were cleaned via vacuum truck. 50 pounds of lime was used for cleanup measures. The Sanitary Sewer Overflow Response Plan was followed during this incident.

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

Sincerely yours,

Adam M. Smith, P.E.
Interim Environmental Services Director

AS/cdt

xc: Greg Rome, Parish Attorney
Rickey Brouillette, P.E., Chief of Engineering & Technology-Wastewater
Justin Sharper, P.E., Engineering Manager
Cynthia Thomas, Wastewater Treatment Laboratory Supervisor

Enclosure(s):

FW: [EXTERNAL] Online Spill Report: Confirmation: OS2827 - 11/5/2024 3:12:01 PM

From Boehringer, Blake <Blake.Boehringer@jacobs.com>

Date Fri 11/8/2024 9:12 AM

To Cynthia D. Thomas <cdthomas@brla.gov>

*******EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.*******

See below.

From: deq_no_reply@la.gov <deq_no_reply@la.gov>

Sent: Tuesday, November 5, 2024 3:12 PM

To: spoc@la.gov

Cc: Boehringer, Blake <Blake.Boehringer@jacobs.com>

Subject: [EXTERNAL] Online Spill Report: Confirmation: OS2827 - 11/5/2024 3:12:01 PM

Reference Information	
Louisiana State Police HazMat Hotline Report Number (if applicable):	
National Response Center Number (if applicable):	
AI Number:	4841
Permit Number:	LA0036412
Reporter Information	
* First Name:	Blake
* Last Name:	Boehringer
Title:	Operations Manager
* Company:	Jacobs
* Phone Number:	225-521-3154
Mailing Address:	2850 Gardere Lane
City:	Baton Rouge
State:	Louisiana
Zip:	70820
Email:	blake.boehringer@jacobs.com
Responsible Party Information	
* Responsible Party Company name:	Jacobs
Mailing address (if different from above):	50 Woodpecker St
City:	Baton Rouge
State:	Louisiana
Zip:	70807

Physical Location of Incident	
* Address:	2850 Gardere Lane
* City:	BATON ROUGE
* State:	Louisiana
* Parish of Occurrence:	East Baton Rouge Parish
Incident Details	
* Date of Discharge:	10/31/2024
* Noticed Time Began:	23:40:00
Noticed Time Ended:	23:50:00
* Media Affected:	soil
If water, name the nearest water body:	
If air, note wind direction and weather conditions:	
* Product / Material release and quantity:	Primary Effluent
* Description of release:	A power failure in the motor control center blew a fuse resulting in power loss to the VFD controllers used to run the pump station. Once the power failure was noticed operations put control into hand and ran the pumps manually stopping the overflow. The pump station was run in hand over night until on site electricians replaced the fuse the following morning.
How was the spill contained?	Operations placed pump in hand and were able to stop the spill.
How was the spill cleaned?	The area was drained but trash was cleaned with a vac truck and 50 lbs. of lime spread on the spill area.
Directions for reaching the site:	2850 Gardere, Baton Rouge 70820
Password:	7s2yf9FJmQ Click here to update the incident.

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.



December 2, 2024

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

email via: writtennotificationLDEQ@la.gov

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036412 AI # 4841
Overflow

Dear Sir/Madame:

We had an overflow at the South Treatment Plant which began on October 31, 2024 at 2230 hours and ended on November 1, 2024 at 0030 hours. During this time, an estimated 2,170,000 gallons of wastewater overflowed onto plant grounds.

Heavy rain in the Baton Rouge area increased incoming flows enough to begin filling the EQ pump wet well. At the time, the pumps were in a failed state due to low level lock out. The fault was cleared before the pumps were called for; however, the pumps were air locked, severely limiting pump capacity. Once the air was released the pumps were able to operate correctly, lowering the level inside the wet well. A vacuum truck was brought in to remove water and debris. Approximately 100 pounds of lime was used as the disinfectant and spread around the area where the overflow occurred. The Sanitary Sewer Overflow Response Plan was followed during this incident.

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

Sincerely yours,

Adam M. Smith, P.E.
Interim Environmental Services Director

AS/cdt

xc: Greg Rome, Parish Attorney
Rickey Brouillette, P.E., Chief of Engineering & Technology-Wastewater
Justin Sharper, P.E., Engineering Manager
Cynthia Thomas, Wastewater Treatment Laboratory Supervisor

Enclosure(s):

FW: [EXTERNAL] Online Spill Report: Confirmation: OS2826 - 11/5/2024 3:07:48 PM

From Boehringer, Blake <Blake.Boehringer@jacobs.com>
Date Fri 11/8/2024 9:11 AM
To Cynthia D. Thomas <cdthomas@brla.gov>

*****EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.*****

See below.

From: deq_no_reply@la.gov <deq_no_reply@la.gov>
Sent: Tuesday, November 5, 2024 3:08 PM
To: spoc@la.gov
Cc: Boehringer, Blake <Blake.Boehringer@jacobs.com>
Subject: [EXTERNAL] Online Spill Report: Confirmation: OS2826 - 11/5/2024 3:07:48 PM

Reference Information	
Louisiana State Police HazMat Hotline Report Number (if applicable):	
National Response Center Number (if applicable):	
AI Number:	4841
Permit Number:	LA0036412
Reporter Information	
* First Name:	Blake
* Last Name:	Boehringer
Title:	Operations Manager
* Company:	Jacobs
* Phone Number:	225-521-3154
Mailing Address:	2850 Gardere Lane
City:	Baton Rouge
State:	Louisiana
Zip:	70820
Email:	blake.boehringer@jacobs.com
Responsible Party Information	
* Responsible Party Company name:	City of Baton Rouge
Mailing address (if different from above):	2850 Gardere Lane
City:	BATON ROUGE
State:	Louisiana
Zip:	70820

Physical Location of Incident	
* Address:	2850 Gardere Lane
* City:	BATON ROUGE
* State:	Louisiana
* Parish of Occurrence:	East Baton Rouge Parish
Incident Details	
* Date of Discharge:	10/31/2024
* Noticed Time Began:	22:30:00
Noticed Time Ended:	00:30:00
* Media Affected:	soil/water
If water, name the nearest water body:	Bayou Fountain
If air, note wind direction and weather conditions:	
* Product / Material release and quantity:	Wastewater/ 2,166,666 Gallons
* Description of release:	Rain in the Baton Rouge area increased incoming flows enough to begin filling the EQ pump wet well. At the time, the pumps were in a failed state due to low level lock out. The fault was cleared before the pumps were called for; however, the pumps were air locked, severely limiting pump capacity. Once the air was released the pumps were able to operate correctly and the wet well was lowered.
How was the spill contained?	Operational corrections made stopped the release.
How was the spill cleaned?	The spill area was drained. Once the area was drained, storm drains were covered to allow washing down of the area. The water and debris were picked up by a vac truck and 100 lbs. of lime was spread over the area of the spill.
Directions for reaching the site:	2850 Gardere Lane, Baton Rouge, 70820
Password:	J6CJIKb0GY Click here to update the incident.

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.



December 10, 2024

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

Email via: writtennotificationLDEQ@la.gov

Re: LPDES Permit Number(s):

LA0036439 AI #4843
LA0036412 AI #4841

Dear Sir/Madame:

Enclosed herewith is our report for discharges over our allowable permit parameters, Fecal Coliform 12-4-2024, and Biochemical Oxygen Demand 11/17-23/2024.

Sincerely yours,

Adam M. Smith, P.E.
Interim Environmental Services Director

AMS/cdt

xc: Greg Rome, Parish Attorney
Rickey Brouillette, P.E., Chief of Engineering & Technology-Wastewater
Justin Sharper, P.E., Engineering Manager
Cynthia Thomas, Wastewater Treatment Laboratory Supervisor

Enclosure(s):

NONCOMPLIANCE FORM

NAME: Wastewater Treatment and Disposal

ADDRESS: 50 Woodpecker St PLANT NAME: North Treatment Plant

CITY: Baton Rouge STATE: Louisiana ZIP CODE: 70807

PHONE: (225) 389-3240

CONTACT: Adam Federau

LPDES PERMIT # LA0036439 AND AGENCY INTEREST (AI#) 4843

DATE OF NONCOMPLIANCE: 11/17-23/2024 TIME: Grab

<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>BOD</u>	<u>54 mg/L</u>	<u>45 mg/L</u>

DESCRIPTION OF NONCOMPLIANCE: Test data exceeded LDEQ general permit limit of 45 mg/L for a 7-day weekly average.

CAUSE OF NONCOMPLIANCE:
For the week of November 17, 2024, the average combined influent BOD concentration was 284 mg/L. The treatment plant successfully removed 81% of the incoming BOD, resulting in an average effluent concentration of 54 mg/L. Notably, on Saturday, November 23, the force main influent BOD concentration peaked at 725 mg/L, leading to an effluent concentration of 136 mg/L. This single result, combined with already elevated levels, contributed to the weekly exceedance.

DATE (TO BE) CORRECTED: Ongoing.

CORRECTIVE ACTION: The operations team at the treatment plant has identified several potential issues contributing to elevated levels of BOD in the effluent. We are committed to implementing corrective and preventative measures promptly to address these concerns.

Part E:
Consent Decree Compliance Status



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 (NWWTP) LPDES Permit No. LA0036439 AI# 4843** during the reporting period. The NWWTP had five permit exceedances, BOD Monthly Average and weekly fecal exceedances for October; BOD monthly average and weekly BOD exceedances for November; and BOD monthly average exceedance for December. The total amount of stipulated penalties identified for non-compliant activities at the NWWTP during this reporting period is \$9,500.

The root causes are as follows:

October 2024: The weekly BOD exceedance for the week of September 29th through October 5th was due to four of the six total Primary Settling Tanks being offline for repairs. This resulted in a constraint in solids removal and negatively impacted downstream processes. During the month of October, the monthly average influent BOD concentration was 244.3 mg/L. This represented a 75% increase in average influent BOD from September through October. The sudden increase in BOD loading provided a shock to the plants biological treatment process and limited the plant's ability to achieve its permitted effluent BOD limits. Despite the significant increase in influent Bod concentration the plant managed to achieve 84% BOD removal.

November 2024: For the week of November 27th, 2024, the average combined influent BOD concentration was 284 mg/L. The treatment plant successfully removed 81% of the incoming BOD, resulting in an average effluent concentration of 54 mg/L. Notably on Saturday, November 23, the force main influent BOD concentration peaked at 725 mg/L, leading to an effluent concentration of 136 mg/L. This single result, combined with already elevated influent levels, contributed to the monthly and weekly exceedance.

December 2024: December's monthly BOD average exceedance is a continued impact from the elevated loading rates in the previous months as the plant's solids inventory rose through the course of October and November. Additionally, it is believed that accumulating solids in the chlorine contact basins have contributed to elevated effluent Bod values.

Corrective actions to be implemented include:

- The operations team has identified several potential issues contributing to elevated levels of BOD in the effluent. We are committed to implementing preventative measures promptly.
- The City-Parish coordinated a collection sampling effort to determine the source of the high influent loading rates.
- Additional dewatering solutions are being deployed to the NWWTP to aid in solids removal.



Consent Decree Compliance Status

- Cleaning cycles on the chlorine contact basin trains has been elevated to weekly to prevent any accumulation of solids.
- Internal hydraulic loading of solids will be monitored in the 1st quarter of 2025 to better manage the solids in the process and to relieve pressure on several of process systems. Primary settling tank 5 and 6 solids will be directed to Digester 1 exclusively. This should alleviate the elevated blankets in PSTs 5 and 6, reduce the loading rate on the gravity thickeners, and minimize the short circuiting of solids between the gravity thickeners and primary settling tanks.
- Additional sampling has been added to the NWWTP's sampling schedule to better understand the BOD loading received at the headworks, and how it is impacted as flow moves through the various treatment processes.

NWWTP	Permit Level	4th Quarter 2024			Stipulated Penalty		
		Oct	Nov	Dec	# of Occurrences	Per Occurrence	Total
BOD							
7-Day Avg. (mg/l)	45	41	54	35	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	30	38	40	31	3	\$2,500	\$7,500
Monthly Avg. (lbs./day)	13,511	3424	6845	5004	0	\$2,500	0
Percent Removal	65%	84	82	84	0	\$2,500	0
TSS							
7-Day Avg. (mg/l)	45	18	19	19	0	\$1,000	0
Monthly Avg. (mg/l)	30	15	17	17	0	\$2,500	0
Monthly Avg. (lbs./day)	13,511	1341	3205	3221	0	\$2,500	0
Percent Removal	65%	91	89	84	0	\$2,500	0
TRC**							
Daily Max.(mg/l)	1.3	1.3	1.3	1.2	0	\$1,000	0
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100m l	425	262	43	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	200 col/100m l	118	34	27	0	\$2,500	0
Total							\$9,500

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

**Modifications as of 9/1/2018

2. **The City/Parish was in compliance with the SWWTP LPDES Permit No. LA0036412 AI# 4841** during the reporting period. The total amount of stipulated penalties identified for non-compliant activities at the SWWTP during this reporting period is \$0.

Continued improvements to be implemented include:

- Installation of Hach CL-17 instruments to continuously monitor chlorine residual and TSS values.
- Development of solids inventory calculations to better understand the plant’s needs. Using these calculations to develop daily wasting targets and controls to maintain a healthy balance within the plant.

SWWTP	Permit Level	4 th Quarter 2024			Stipulated Penalty		
		Oct	Nov	Dec	# of Occurrences	Per Occurrence	Total
BOD							
7-Day Avg. (mg/l)	45	18	23	22	0	\$1,000	0
Monthly Avg. (mg/l)	30	15	19	17	0	\$2,500	0
Monthly Avg. (lbs./day)	14,512	4054	6868	5901	0	\$2,500	0
Percent Removal	65%	89	87	87	0	\$2,500	0
TSS							
7-Day Avg. (mg/l)	45	8	11	14	0	\$1,000	0
Monthly Avg. (mg/l)	30	7	9	9	0	\$2,500	0
Monthly Avg. (lbs./day)	14,512	1810	3167	3883	0	\$2,500	0
Percent Removal	65%	94	94	92	0	\$2,500	0
TRC**							
Daily Max.(mg/l)	1.2	1.2	1.0	1.0	0	\$1,000	0
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	96	54	69	0	\$1,000	0
Monthly Avg. (mg/l)	200 col/100ml	20	33	22	0	\$2,500	0
Total							\$ 0

C-Compliance

- Reflects Permit

* Modifications as of 8/1/2016

**Modifications as of 9/1/2018

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 10/01/24 to 12/31/24. If not, see comments above.