

BATON ROUGE SANITARY SEWER OVERFLOW PROGRAM

2002 CONSENT DECREE
2024 2nd QUARTER REPORT – NO. 89

JULY 31, 2024



CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE

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





July 31, 2024

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

Eighty-Ninth (89th) Quarterly Report - **Period Ending June 30, 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 89th Consent Decree Quarterly Report covering activities for the quarter ending June 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 89th 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 89th 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.

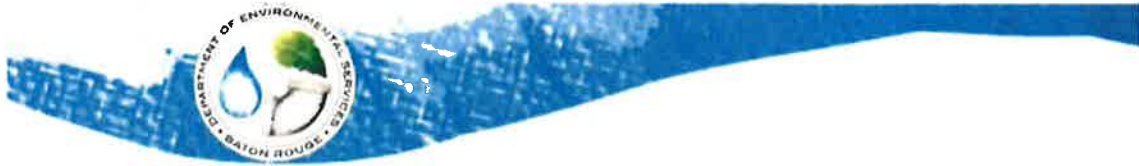
Should you require additional information concerning this matter, please let me know.

Sincerely yours,



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

cc: Honorable Sharon Weston Broome, Mayor President
Mr. Dante Bidwell, 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: July 31, 2024

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
89th Quarterly Report – Period Ending June 30, 2024
Data Review

Sir or Madam:

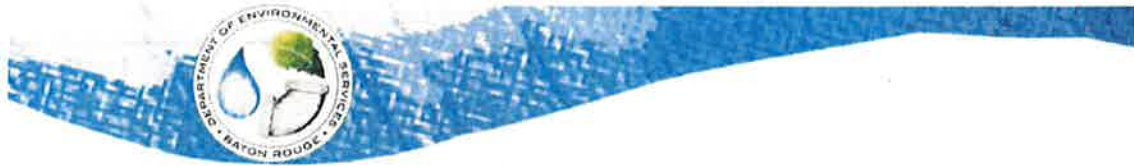
Draft copies of the above referenced report have been submitted for your review. This review is to ensure that the data submitted under your direction, has been stated in a truthful and accurate manner in the 89th Quarterly Report. Once the review of your portion of data is complete and corrected, please 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 89th Quarterly Report that I am responsible for is true, accurate, and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

xc: Document Control



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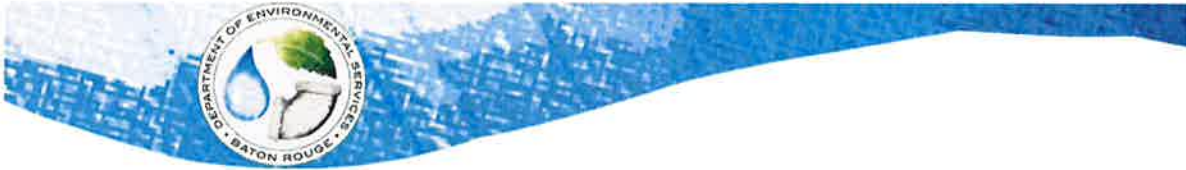
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for Cynthia Thomas

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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 March 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>			
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	
63rd	31-Jan-18	Jan-23-18	
62nd	31-Oct-17	23-Oct-17	



Summary of Activities

Name	Deadline	Completion Date	Resubmission/Update
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	
34th	31-Oct-10	25-Oct-10	
33rd	31-Jul-10	26-Jul-10	



Summary of Activities

Name	Deadline	Completion Date	Resubmission/Update
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	
5th	31-Jul-03	17-Jul-03	
4th	30-Apr-03	24-Apr-03	



Summary of Activities

Name	Deadline	Completion Date	Resubmission/Update
3rd	31-Jan-03	27-Jan-03	
2nd	31-Oct-02	23-Oct-02	
1st	31-Jul-02	23-Jul-02	

Annual Reports

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	

Other Reports and Plans

Collection System PMP Plan	30-Mar-01	29-Mar-01	
Treatment Plant PMP Plan	30-Mar-01	29-Mar-01	



Summary of Activities

Name	Deadline	Completion Date	Resubmission/Update
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 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.



Summary of Activities

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				
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)	•		



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-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	•		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	•		
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)	•		
	**North Area Comprehensive Rehab. (03-RMP-N23)	•		
	**PS 45 Area Rehab. (00-RMP-N31)	•		
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	•		
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	•		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	•		
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	•		
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	•		
	PS 944 Area Upgrade (99-RMP-S99)	•		
	PS 177 Area Upgrade (99-RMP-S99)	•		



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 211 Area Upgrades (99-RMP-S11)	•		
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)			Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		4 th Quarter 2008	Project completed – 4th quarter 2008 (at 80% complete with construction). Project was in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 th Quarter 2007	Project completed – 4th quarter 2007.



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	
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 nd Quarter 2010	Project completed – 1st quarter 2011.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 nd Quarter 2010	Project completed – 2nd quarter 2009.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 nd Quarter 2010	Project completed – 2nd quarter 2010.

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

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

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

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.
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.



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*	
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.
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.



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*	
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.
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.



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*	
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.
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.



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*	
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.
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.



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*	
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.
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.



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*	
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.
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

	Start	Scheduled Finish	Project Status Summary
NWWTP Plantwide & Master SCADA Project	Complete	Complete	Project completed – 4th quarter 2018.
NWWTP Standby Generator Project	Complete	Complete	Project completed – 4th quarter 2018.
NWWTP Pretreatment & Grit Removal Rehabilitation Project	Complete	Complete	Project completed – 4th quarter 2018.
NWWTP General Electrical Rehabilitation Project	Complete	Complete	Project completed – 4th quarter 2018.
NWWTP Odor Control & Sodium Hypochlorite Project	Complete	Complete	Project completed – 4th quarter 2018.
NWWTP Sustainability Improvements Project	Complete	Complete	Project completed – 3rd quarter 2018.
NWWTP Master Plan Project #3 (Public Project) – Plant Buffer	Complete	Complete	Project completed – 3rd quarter 2018.
SWWTP Wet Weather Improvements – Phase II (Master Plan portion)	Complete	Complete	Project completed – 2nd quarter 2015.
Sewer System and WWTP Stand-by Power Program	Complete	Complete	Project completed – 4th quarter 2018.
SCADA (Collection System, Operations Data and Control Center)	Complete	Complete	Project completed – 4th quarter 2018.
Environmental Services Facility	Complete	Complete	Project completed – 2nd quarter 2017. (DES consolidated staff into one facility to facilitate communications and operations)
NWWTP Odor Control Project	Complete	Complete	Project completed – 4th quarter 2010.
Comite –Foster Road Sewer Area Upgrades - Phase II	Complete	Complete	Project completed – 1st quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements	Complete	Project moved into RMAP2. See Table ES-5	Project moved into RMAP2. See Table ES-5 for project status update
South Boulevard – Saint Joseph Street Phase B	Complete	Project moved into RMAP2. See Table ES-5	Project moved into RMAP2. See Table ES-5 for project status update



Summary of Activities

	Start	Scheduled Finish	Project Status Summary
Central WWTP Decommissioning Project	Complete	Complete	Project completed – 2nd quarter 2017. (Central WWTP decommissioned 3rd quarter 2016; permit discontinued 2nd quarter 2017.)
Ward Creek Aerial Crossing Replacement Emergency Project	Complete	Complete	Project completed – 3rd quarter 2015.
South Basin Coordination Project	Complete	Complete	Project completed – 4th quarter 2016.
SWWTP Landscape Buffer Area	Complete	Complete	Project completed – 2nd quarter 2016.

Status of Other Consent Decree Requirements

Consent Decree Section XV - Outreach and Public Awareness Plan

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

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

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 2nd Quarter 2024 (Through June 30, 2024)

The Wastewater Collection division of DES continued outreach to residents before, during, and after repairs. This activity includes the calling of customers when an inspector is on their way to investigate a complaint, they receive a call 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.

Throughout the 2nd quarter of 2024, the City-Parish 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.

- Placed several billboards throughout the parish focused on reducing litter, debris, and contaminants in waterways.
- Placed several electronic billboards throughout the parish focused on non-flushable items and fats, oils, and greases.
- 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



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



Preventive Maintenance Plan Summary Totals

Jan. 1 - Jun. 30, 2024

Summary of Activities	1st Quarter (88 th)		2nd Quarter (89 th)		3rd Quarter (90 th)		4th Quarter (91 st)		Totals		
	84 th Quarterly Total	% Complete	85 th Quarterly Total	% Complete	86 th Quarterly Total	% Complete	87 th 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%					232,397	40.77%	570,000
Pipe Inspected/CCTV (ft)	53,698	9.42%	164,758	28.90%					218,456	38.33%	570,000
Pipe Smoke Tested (ft)	15,791	----	35,844	----					51,635	----	----
Pipe Acoustic Inspected (ft)	9,785	----	1,936	----					11,721	----	----
Dye Tests (ea.)	33	----	60	----					93	----	----
Manholes Inspected (ea.)	159	6.36%	185	7.40%					344	13.76%	2,500
Manholes Rehabilitated (ea.)*	73	----	277	----					350	----	----
Pipes Repaired (ea.)	37	----	42	----					84	----	----
CIPP Pipe (ft)*	0	----	0	----					0	----	----
CIPP Pipe Laterals (ea)*	0	----	0	----					0	----	----
Valves (1,879)											
ARVs Inspected/Maintained (ea.)	594	61.88%	39	4.06%					634	65.94%	960
ARVs Repaired (ea.)*	50	----	25	----					75	----	----
Isolation Valves Inspected/Exercised (ea.)	29	----	122	----					151	----	----
Pump & Lift Stations (514)											
Inspections (no.)	2,327	5.16%	2,864	6.35%					5,191	11.50%	45,136
Wet wells cleaned	198	----	183	----					381	----	----
Repaired (no.)*	227	----	233	----					460	----	----



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		
Pipe Inspected/CCTV (ft)	3,547	62,882		
Pipe Smoke Tested (ft)	0	0		
Pipe Acoustic Inspected (ft)	0	0		
Dye Tests (ea.)	11	5		
Manholes Inspected (ea.)	7	12		
Manholes Rehabilitated (ea.)*	7	144		
Pipes Repaired (ea.)	4	15		
CIPP Pipe (ft)*	0	0		
CIPP Pipe Laterals (ea)*	0	0		

Valves (928)

ARVs Inspected/Maintained (ea.)	465	0		
ARVs Repaired (ea.)*	23	14		
Isolation Valves Inspected/Exercised (ea.)	5	67		

Pump & Lift Stations (189)

Inspections (no.)	705	1,188		
Wet wells cleaned	68	82		
Repaired (no.)*	75	118		



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		
Pipe Inspected/CCTV (ft)	50,151	101,876		
Pipe Smoke Tested (ft)	15,791	35,844		
Pipe Acoustic Inspected (ft)	9,785	1,936		
Dye Tests (ea.)	22	55		
Manholes Inspected (ea.)	152	173		
Manholes Rehabilitated (ea.)*	66	133		
Pipes Repaired (ea.)	33	27		
CIPP Pipe (ft)*	0	0		
CIPP Pipe Laterals (ea)*	0	0		
Valves (951)				
ARVs Inspected/Maintained (ea.)	129	39		
ARVs Repaired (ea.)*	27	11		
Isolation Valves Inspected/Exercised (ea.)	24	55		
Pump & Lift Stations (325)				
Inspections (no.)	1,622	1,676		
Wet wells cleaned	130	101		
Repaired (no.)*	152	115		

**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.

Seven public cross connections and one private cross connection were discovered during this quarter. No private cross connection and six public cross connections were eliminated during this quarter. During the reporting period approximately 35,844 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 Cross Connections Identified:	1	6	7
Total No. of Cross Connections Eliminated:	1	5	6
Total No. of Private Cross Connections Identified:	0	1	1
Total No. of Private Cross Connections Eliminated:	0	0	0

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	6/17/2024	3945 Maribel Dr	Public	Eliminated	6/17/2024	6/17/2024
South Plant (LA0036412 AI# 4841)						
1	4/23/2024	3043 Eastland Ave	Public	Eliminated	4/24/2024	5/14/2024
2	5/23/2024	6624 Winbourne Ave	Public	Eliminated	5/23/2024	5/29/2024
3	10/24/2023	14231 Sunnyhill Ave	Public	Eliminated	10/24/2023	6/27/2024
4	6/26/2024	Chippewa St & Cedar Ave	Public	Eliminated	6/26/2024	6/26/2024
5	6/26/2024	N Foster Dr & Laurel St	Public	Eliminated	6/26/2024	6/26/2024
6	6/3/2024	1637 Salisbury Ave	Private	Ongoing	6/6/2024	-
7	6/26/2024	Chippewa St & Scenic Hwy	Public	Ongoing	6/26/2024	-

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 04/01/24 to 06/30/24. 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 equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Collection System Preventive Maintenance Plan. A summary of the collection system preventive maintenance activities for this reporting period is provided in the table on page B-2. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs and other facilities

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 Apr. - Jun. 2024	Cumulative 2024 Annual Total	2024 Annual Goal
<i>Gravity Collection System (9,567,474.59ft/42,331MH)</i>			
Pipe Cleaned (ft)	99,920	232,397	570,000
Pipe Inspected/CCTV (ft)	164,758	218,456	570,000
Pipe Smoke Tested (ft)	35,844	51,635	----
Pipe Acoustic Inspected (ft)	1,936	11,721	----
Dye Tests (ea)	60	93	----
Manholes Inspected (ea.)	185	344	2,500
Manholes Rehabilitated (ea.)*	277	350	----
Pipes Repaired (ea.)*	42	84	----
CIPP Pipe (ft)*	0	0	----
CIPP Pipe Laterals (ea.)*	0	0	----
<i>Valves (1,879)</i>			
ARVs Inspected / Maintained	39	634	960
ARVs Repaired (ea.)*	25	75	----
Isolation Valves Inspected/Exercised (ea.)	122	151	----
<i>Pump & Lift Stations (514)</i>			
Inspections (no.)	2,864	5,191	45,136
Wet wells cleaned	183	381	----
Repaired (no.)	233	460	----

**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 04/01/24 to 06/30/24. If not, see comments above.



Preventive Maintenance Program (PMP)

Summary of Activities by Treatment Plant Service Area

North Plant (LA0036439 AI #4843)	Quarterly Total Apr. - Jun. 2024	Cumulative 2024 Annual Total
<i>Gravity Collection System (2,983,981.97ft/12,328MH)</i>		
Pipe Cleaned (ft)	24,427	27,314
Pipe Inspected/CCTV (ft)	62,882	66,429
Pipe Smoke Tested (ft)	0	0
Pipe Acoustic Inspected (ft)	0	0
Dye Tests (ea)	5	16
Manholes Inspected (ea.)	12	19
Manholes Rehabilitated (ea.)*	144	151
Pipes Repaired (ea.)*	15	23
CIPP Pipe (ft)*	0	0
CIPP Pipe Laterals (ea.)*	0	0
<i>Valves (928)</i>		
ARVs Inspected / Maintained	0	465
ARVs Repaired (ea.)*	14	37
Isolation Valves Inspected/Exercised (ea.)	67	72
<i>Pump & Lift Stations (189)</i>		
Inspections (no.)	1,188	1,893
Wet wells cleaned	82	150
Repaired (no.)	118	193

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 Apr. - Jun. 2024	Cumulative 2024 Annual Total
Gravity Collection System (6,583,492.62ft/30,003MH)		
Pipe Cleaned (ft)	75,493	205,083
Pipe Inspected/CCTV (ft)	101,876	152,027
Pipe Smoke Tested (ft)	35,844	51,635
Pipe Acoustic Inspected (ft)	1,936	11,721
Dye Tests (ea)	55	77
Manholes Inspected (ea.)	173	325
Manholes Rehabilitated (ea.)*	133	199
Pipes Repaired (ea.)*	27	61
CIPP Pipe (ft)*	0	0
CIPP Pipe Laterals (ea.)*	0	0
Valves (951)		
ARVs Inspected / Maintained	39	168
ARVs Repaired (ea.)*	11	38
Isolation Valves Inspected/Exercised (ea.)	55	79
Pump & Lift Stations (325)		
Inspections (no.)	1,676	3,298
Wet wells cleaned	101	231
Repaired (no.)	115	267

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 forty-nine (49) SSOs were responded to during this reporting period, eight 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	7
North Plant-LA0036439 AI# 4843 Treatment Plant	3
South Plant-LA0036412 AI# 4841 Collection System	34
South Plant-LA0036412 AI# 4841 Treatment Plant	5
Total	49

** 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 04/01/24 to 06/30/24. 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 forty-nine (49) unauthorized discharges occurred during this quarter, eight discharges occurred at the WWTPs.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	7
North Plant-LA0036439 AI# 4843 Treatment Plant	3
South Plant-LA0036412 AI# 4841 Collection System	34
South Plant-LA0036412 AI# 4841 Treatment Plant	5
Total	49

** 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 04/01/24 to 06/30/24. If not, see comments above.



NORTH Sewer District Collection System LPDES LA0036439AI# 4843
 04/01/2024 To 06/30/2024

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
4/16/2024	11260 Joor Rd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 406-00033.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon of Bleach.	We will request for the sewer line to CCTV for debris/roots/grease.	Shoe Creek	10	406	92.8	79	7.48	0
4/22/2024	23433 Pleasant Court	There was evidence of sewage discharge around the four-inch clean-out in the ditch. The discharge was caused by pump station #357 being down. MH# 357-00020.	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 two gallons of Pacific Moon. Two gallons of Bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	None	75	357	75.9	34	7.05	0
4/25/2025	2827 N. Ardenwood Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 049-00297.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	Ward Creek	5	49	78.7	38	7.26	0
4/26/2024	4242 Saint Gerard Ave.	There was evidence of sewage discharge in the canal. The cause of the discharge is unknown. The Service Inspector did not witness the active overflow. MH# 024-00195.	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 the CCTV Dept. to perform a smoke or dye test on this line segment.	None	25	24	100	54	7.45	0
5/2/2024	Calumet St.	There was a stoppage found in the city's main collection line causing th sewer manhole to overflow. MH# 049-00261A.	Recorded sewage discharge ad 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 Pacific Moon. Once gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/root/grease.	Knox Canal	1	49	98.2	72	7.32	0
6/2/2024	Lanier Dr.	Surcharging sewerage system due to weather conditions rain event. MH# 052-00225.	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.	Monitor collection lines system until normal flow resumes. We will also request that the sewer line is CCTV for I & I problems.	Hurricane Creek	25	52	40	82	6.89	1.33
6/6/2024	6936 Silver Springs 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# 449-00007.	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. 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 a flyer indicating the best practices.	None	25	449	59	56	7.22	0

BOD = biochemical oxygen demand
 TSS = total suspended solids



SOUTH Sewer District Collection System LPDES LA0036412 AI#4841

04/01/2024 To 06/30/2024

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
4/1/2024	1720 Nicholson Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 001-00686.	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, and one gallon of Upward disinfectant was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	Corporation Canal	5	1	83	152	7.4	0
4/9/2024	110 Valhalla Blvd.	There was evidence of sewage discharge around the sewer manhole. The discharge was caused by a malfunctioning Air Release Valve. The Service Inspector did not witness the active overflow. ARV# 519-01.	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.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	25	519	189	133	7.58	0
4/12/2024	10949 Airline Hwy	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 251-00050.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to CCTV for debris/roots/grease.	Clay Cut Bayou	3	251	87.8	64	7.39	0
4/12/2024	11850 Wentling Ave.	There was evidence of sewage discharge around the four-inch clean-out. The discharge was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 171-00032.	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	171	114	134	7.23	0
4/24/2024	Forest Hill Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 058-00708.	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.	North Branch Ward Creek	5	58	122	109	7.39	0
4/27/2024	8323 Skysail Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 294-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon.	We will request for the sewer line to CCTV for debris/roots/grease.	Bayou Fountain	3	294	143	72.7	7.24	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
4/30/2024	1805 S. Sherwood Forest Blvd.	There was evidence of sewage discharge around the six-inch clean-out. The discharge was caused by a stoppage in the six-inch service lateral. The Service Inspector did not witness the active overflow. MH# 058-00013E.	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 business manager and provided a flyer indicating the best practices.	None	25	58	98.3	127	7.25	0
4/30/2024	1225 Nicholson Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 059-06072.	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.	Bayou Fountain	5	59	98.3	127	7.25	0
5/1/2024	365 Dunstan Cir.	There was evidence of sewage discharge around the six-inch clean-out. The discharge was caused by a stoppage in the six-inch clean-out. The Service Inspector did not witness the active overflow. MH# 031-00314.	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/root/grease.	None	25	31	135	154	7.52	0
5/1/2024	1550 Eddie Robinson Sr Dr	There was evidence of sewage discharge around the six-inch clean-out. The discharge was caused by a stoppage in the six-inch clean-out. The Service Inspector did not witness the active overflow. MH# 007-04555	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. Two gallons of Betazyme was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/root/grease. A workorder has been created to have contractor to make the repair.	None	25	7	135	154	7.52	0
5/7/2024	Forest Hill Dr.	There was evidence of sewerage discharge around the sewer manhole. The discharge was caused by a stoppage in the city's main collection. The Service Inspector did not witness the active overflow. MH# 058-00015.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Mountain Fresh, 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/root/grease.	None	25	58	94.2	124	7.29	0
5/11/2024	1901 E Magna Carta Place	There was evidence of sewerage discharge in the ditch. The discharge was caused by a possible broken sewer line. The Service Inspector did not witness the active overflow. MH# 058-00875A.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. Two gallons of Bleach was used to sanitize the site.	A work order has been issued to contractors to the repair of the main collection line.	None	25	58	128	133	NA	0.01
5/14/2024	6001 Jones Creek Rd.	There was evidence of sewerage discharge around the sewer manhole. The discharge was caused by pump station # 777	Recorded sewage discharge and dispatched wash truck to clean the area. The site washed with fresh water and deodorized using twelve gallons of Mountain Fresh, twelve gallons of Pacific Moon.	Scheduled maintenance records will document operational status of the	None	75	777	140	168	7.05	0



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
		having issues with power outage due to the heavy thunderstorm. The Service Inspector did not witness the active overflow. MH# 777-00001.	Eighteen gallons of Bleach was used to sanitize the site.	pump station and make adjustment when needed.							
5/15/2024	2340 Sherwood Forest Blvd.	There was evidence of sewerage discharge around the six-inch clean-out. The discharge was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 058-00013D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/root/grease.	None	25	58	140	168	7.05	0
5/20/2024	2545 S. Sherwood Forest Blvd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 066-00052.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Mountain Fresh. Two gallons of 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/root/grease.	Lively Bayou	1	66	101	136	7.38	0
5/20/2024	8540 Quarter Lakes Rd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow.	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. Two gallons of Bleach was used to sanitize the site.	There is a pending work order created to have contractors make the repair on the main collection line.	North Branch Ward Creek	2	58	86.5	82	7.24	0
5/23/2024	4444 Tigerland Ave.	There was evidence of sewerage discharge around the sewer manhole. The discharge was caused by a stoppage in the city's main collection. The Service Inspector did not witness the active overflow. MH# 107-00017.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Pacific Moon. One gallon of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/root/grease.	None	25	107	112	118	NA	0
5/25/2024	N Oak Hills Pkwy.	There was a malfunctioning Air Release Valve causing the sewer manhole to overflow. ARV# 159-	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. Two gallons of Bleach was used to sanitize the site.	Pump Station Section was contacted to dispatch a crew to repair the faulty Air Release Valve.	Ward Creek	2	159	133	139	7.16	0
5/30/2024	1031 W Lee Dr.	There was evidence of sewerage discharge around the sewer manhole. The discharge was caused by a stoppage in the city's main collection. 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 two gallons of Mountain Fresh. Two gallons of Bleach was used to sanitize the site.	We will request for the sewer line to be CCTV for debris/root/grease.	None	25	305	115	75.7	7.04	0.45



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
6/1/2024	16606 Bonham Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 149-00038.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized using one gallon of Betazyme, and one gallon of Bleach.	We will request for the sewer line to be CCTV for debris/roots/grease	Honey Cut Bayou	10	149	75	187	7.05	0.8
6/2/2024	13916 Tonya Dr.	Surcharging sewerage system due to weather conditions rain event. MH# 156-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Betazyme, and one gallon of Bleach was used to sanitize the site.	Monitor collection lines system until normal flow resumes. We will also request that the sewer line is CCTV for I & I problems.	Knox Branch	25	156	33	110	7.03	1.33
6/2/2024	16857 Hamilton Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 145-00047.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Pacific Moon. One gallon of Bleach was used to sanitize the site. 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	Lively Bayou	25	145	33	110	7.03	1.33
6/3/2024	11005 Ericson Ave.	There was evidence of sewerage 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#154-00005.	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	154	89	75	7.31	0.15
6/3/2024	2701 Magellan Dr.	There was evidence of sewerage 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#154-00005.	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	154	89	75	7.31	0.15
6/3/2024	2713 Magellan Dr.	There was evidence of sewerage 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#154-00005.	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	154	89	75	7.31	0.15
6/4/2024	8110 Florida Blvd.	There was evidence of sewerage discharge around the four-inch clean-out. The discharge was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 058-02519.	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. 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	58	45	102	7.37	0.48



Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
6/4/2024	712 Van Buren St.	There was sewerage discharging on the ground near the sewer manhole. The discharge was caused by a leaking sewer pipe. MH# 001-00562.	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.	A work order was created to have contractors to make the repair on the sewer line.	Corporation Canal	240	1	45	102	7.37	0.48
6/4/2024	5502 Sleepy Hollow Dr.	There was a broken 36-inch forcemain caused the sewerage overflow. MH# 308-00001.	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 two gallons of Pacific Moon. Two gallons of Bleach was used to sanitize the site.	A work order was created to have contractors repair the 36-inch forcemain.	Weiner Creek	25	308	58	144	7.14	0.48
6/5/2024	1306 Main St.	There was evidence of sewerage discharge around the four-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# 060-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site washed with fresh water and deodorized using 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.	None	25	60	47	33	7.17	0.23
6/9/2024	1974 Tiger Crossing Dr.	There was a malfunctioning Air Release Valve causing the sewer manhole to overflow. ARV# 515-03	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. 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.	Selene Bayou	3	489	88	106	7.28	0
6/11/2024	2340 S. Sherwood Forest Blvd.	There was evidence of sewage discharge around the six-inch clean-out. The discharge was caused by a stoppage in the six-inch service lateral. The Service Inspector did not witness the active overflow. MH# 058-00001.	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, and five gallons of Beta Magic.	We will request for the sewer line to be CCTV for debris/roots/grease	None	25	58	113	129	7.22	0
6/12/2024	279Marilyn Dr.	There was evidence of evidence of sewerage discharge around the sewer manhole. The discharge was caused by a stoppage in the city main collection line. The Service Inspector did not witness the active overflow. MH# 013-05002.	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 Betazyme was used to sanitize the site.	We will request for a smoke test to be performed on this line segment.	None	25	13	103	124	7.35	0
6/12/2024	13623 Kimbleton Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 201-00007.	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 be CCTV for debris/roots/grease	Clay cut Bayou	4	201	111	136	7.12	0



Reporting of Unauthorized Discharges

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARD
6/20/2024	2250 Tiger Crossing Dr.	There was a broken forcemain that was causing the sewer overflow. MH# 489-00034.	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.	A work order was created to have contractors repair the forcemain.	Selene Bayou	25	489	128	85	7.25	T

BOD = biochemical oxygen demand
 TSS = total suspended solids



March 14, 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. LA0036439 AI # 4843
Overflow

Dear Sir/Madame:

We had an overflow at the North Treatment Plant which began on March 4, 2024 at 1100 hours and ended on March 5, 2024 at 0400 hours. During this time, an estimated 1,980,000 gallons of influent wastewater overflowed onto the plant grounds.

The overflow was due to high flows that overwhelmed the influent wet well, and caused barscreen #4 to fail. The bulk of the overflow was collected in floor drains inside the building. There was no standing water on plant grounds. A small amount of trash was picked up by hand. 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/MFL/cdt

xc: Anderson Dotson, Parish Attorney
Rickey Brouillette, P.E., Chief of Engineering & Technology-Wastewater
Justin Sharper, P.E., Engineering Manager
Michael Lowe, Wastewater Laboratory Supervisor

Enclosure(s):

Fwd: [EXTERNAL] Online Spill Report: Confirmation: OS2636 - 5/17/2024 3:24:20 PM

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

Mon 5/20/2024 10:27 AM

To: Justin Sharper <JSharper@brla.gov>; Matthew A. Bizot <mbizot@brla.gov>; Cynthia D. Thomas <cdthomas@brla.gov>; Federau, Adam <Adam.Federau@jacobs.com>

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

Report attached.

Get [Outlook for iOS](#)

From: deq_no_reply@la.gov <deq_no_reply@la.gov>
Sent: Friday, May 17, 2024 3:24:20 PM
To: spoc@la.gov <spoc@la.gov>
Cc: Boehringer, Blake <Blake.Boehringer@jacobs.com>
Subject: [EXTERNAL] Online Spill Report: Confirmation: OS2636 - 5/17/2024 3:24:20 PM

Reference Information	
Louisiana State Police HazMat Hotline Report Number (if applicable):	
National Response Center Number (if applicable):	
AI Number:	4843
Permit Number:	LA0036439
Reporter Information	
* First Name:	Blake
* Last Name:	Boehringer
Title:	Operation Supervisor
* Company:	Jacobs
* Phone Number:	225-521-3154
Mailing Address:	50 Woodpecker St
City:	Baton Rouge
State:	Louisiana
Zip:	70807
Email:	blake.boehringer@jacobs.com
Responsible Party Information	
* Responsible Party Company name:	City of Baton Rouge
Mailing address (if different from above):	P.O. Box 1471
City:	Baton Rouge
State:	Louisiana
Zip:	70821
Physical Location of Incident	
* Address:	50 Woodpecker St
* City:	Baton Rouge
* State:	Louisiana
* Parish of Occurrence:	East Baton Rouge Parish
Incident Details	
* Date of Discharge:	05/13/2024
* Noticed Time Began:	19:45:00
Noticed Time Ended:	20:40:00

* Media Affected:	soil/water
If water, name the nearest water body:	Mississippi River
If air, note wind direction and weather conditions:	
* Product / Material release and quantity:	Wastewater/ 3,025,000 Gallons
* Description of release:	SWGR (Switch Gear) #4 experienced an interruption in power causing RTU (remote terminal unit) 13 to fault out. The fault to RTU 13 prevented the automatic function of the primary effluent pumps that requires additional pumps to come online as flows increase. This limited the amount of flow that could be pumped out the primary wet well and caused a backup and overflow.
How was the spill contained?	The overflow was stopped once available primary effluent pumps were put in service.
How was the spill cleaned?	The remaining spill was hosed back into process tanks where applicable. A vacuum truck was onsite to pick up any remaining standing water and debris left on the ground. One 50# bag of lime was distributed over the affected area.
Directions for reaching the site:	North wastewater treatment plant at 50 Woodpecker St.
Password:	nmeQQNtkuY 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.

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: 06/06/2024 TIME: Grab

<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>Fecal Coliform</u>	<u>Spillage</u>	<u>Spillage</u>
_____	_____	_____

DESCRIPTION OF NONCOMPLIANCE: The Fecal Coliform inadvertently spilled out container during transit to private lab.

CAUSE OF NONCOMPLIANCE: The Fecal Coliform container was not closed properly.

DATE (TO BE) CORRECTED: ASAP

CORRECTIVE ACTION: Speak with operators to ensure all containers are secured tightly for transit.

WWTP SUPERVISOR SIGNATURE: 

DATE: 6/18/24

EXCURSION OF: LDEQ PERMIT(S) LA0036439

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: 06/9-15/2024 **TIME:** Grab

<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>Fecal Coliform</u>	<u>596 col./100 mL</u>	<u>400 col./100 mL</u>
_____	_____	_____

DESCRIPTION OF NONCOMPLIANCE: Fecal Coliform exceeded the LPDES permit limit of 400 col./100 mL for a weekly average.

CAUSE OF NONCOMPLIANCE: The air relief valve on the hypochlorite pump was not operated correctly. This cause half of the chlorine dose to be recirculated into the holding tank and not into the effluent.

DATE (TO BE) CORRECTED: This issue was corrected on June 13th and restored proper dosing of the effluent.

CORRECTIVE ACTION: The air relief valve was put back into the correct operating position and returned the pump to normal operating conditions.

WWTP SUPERVISOR SIGNATURE: 

DATE: 6/21/24

EXCURSION OF: LDEQ **PERMIT(S)** LA0036439

NONCOMPLIANCE FORM

NAME: WASTEWATER TREATMENT AND DISPOSAL

ADDRESS: 2850 Gardere Lane **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: 05/12-18/2024 **TIME:** 24-HR COMP

<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>TSS</u>	<u>47 mg/L</u>	<u>45 mg/L</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

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

CAUSE OF NONCOMPLIANCE: High flows entering facility from two separate rain events in this 7-day time frame contributed to solids intruding from the final settling tanks into the chlorine contact basins, which cause some solids washout.

DATE TO BE CORRECTED May 13, 2024 and May 19, 2024 were the days in the two separate rain events in this 7-day time frame where corrective action was taken.

CORRECTIVE ACTION: Flow subsided to a level where sedimentation was achieved in all final settling tanks and hydraulic loading was reduced. Chlorine contact chambers were rotated out of service and cleaned.

ACTION TO PREVENT REOCCURRENCE: Increasing wasting in final settling tanks to lower sludge blanket levels, and improving solids removal throughout the facility will reduce the amount of solids intruding into downstream treatment processes. Also equalizing flow using storage tanks, when available, will be the action taken to reduce turbulent flow entering the treatment process for future rain events.

WW TREATMENT PLANT SUPERVISOR SIGNATURE: 

DATE OF SIGNATURE: 5/22/2024

EXCURSION OF: LDEQ **PERMIT(S)**

NONCOMPLIANCE FORM

NAME: Wastewater Treatment and Disposal

ADDRESS: 2850 Gardere Ln PLANT NAME: South Treatment Plant

CITY: Baton Rouge STATE: Louisiana ZIP CODE: 70802

PHONE: (225) 389-3240

CONTACT: Adam Federau

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

DATE OF NONCOMPLIANCE: 05/19-25/2024 TIME: Weekly

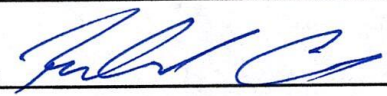
<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>Fecal Coliform</u>	<u>449 col./100 mL</u>	<u>400 col./100 ml</u>
_____	_____	_____

DESCRIPTION OF NONCOMPLIANCE: Fecal Coliform exceeded the LPDES permit limit of 400 col./100 mL for a weekly average.

CAUSE OF NONCOMPLIANCE: High Flows entering facility from severe rain events in the 7-day time frame contributed to solids intruding from the final settling tanks into the solid contact basins which made it difficult for disinfection to be achieved.

DATE (TO BE) CORRECTED: May 25, 2024

CORRECTIVE ACTION: Increased wasting in final settling tanks to lower sludge blanket levels and to improve solids removal throughout the facility.

WW TREATMENT PLANT SUPERVISOR SIGNATURE: 

DATE OF SIGNATURE: 6/12/2024

EXCURSION OF: LDEO PERMIT(S) LA0036412

NONCOMPLIANCE FORM

NAME: WASTEWATER TREATMENT AND DISPOSAL

ADDRESS: 2850 Gardere Lane **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: 05/26-06-01/2024 **TIME:** 24-HR COMP

<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>TSS</u>	<u>59 mg/L</u>	<u>45 mg/L</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

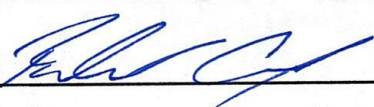
DESCRIPTION OF NONCOMPLIANCE: Test data exceeded the LDEQ permit limit of 45mg/L for a 7-day average.

CAUSE OF NONCOMPLIANCE: High flows entering facility with a combination of high blanket levels in the primary settling tanks and secondary settling which caused solids to intrude into the Solid Contact Basin causing MLSS totals to rise. This caused solids to intrude into the final settling tanks causing blanket levels to rise.

DATE TO BE CORRECTED: May 26, 2024 thru June 2, 2024 were the days where corrective action was being taken.

CORRECTIVE ACTION: High flow decreased, which lowered blanket levels, and was reduced to a reasonable level. All chlorine contact basins were cleaned to remove all settled solids that intruded into downstream treatment process.

ACTION TO PREVENT REOCCURRENCE: Increase wasting in primary settling tanks and final settling tanks to lower sludge blanket levels, and to improve solids removal throughout the facility which will reduce the number of solids intruding into downstream treatment processes. Flow entering plant reduced to normal levels eliminating turbulence coming into the facility.

WW TREATMENT PLANT SUPERVISOR SIGNATURE: 

DATE OF SIGNATURE: 6/12/2024

EXCURSION OF: LDEQ **PERMIT(S)** LA0036412

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: 06/02-08/2024 **TIME:** Weekly

<u>PARAMETER</u>	<u>CONCENTRATION</u>	<u>PERMIT LIMIT</u>
<u>Fecal Coliform</u>	<u>413 col./100 mL</u>	<u>400 col./100 ml</u>
_____	_____	_____

DESCRIPTION OF NONCOMPLIANCE: Fecal Coliform exceeded the LPDES permit limit of 400 col./100 mL for a weekly average.

CAUSE OF NONCOMPLIANCE: High MLSS mg/L concentration caused blanket levels in final settling tanks to rise, which caused solid to intrude into the chlorine contact basin. It is difficult to achieve good disinfection of secondary effluent properly due to solid intrusion.

DATE (TO BE) CORRECTED: June 14, 2024.

CORRECTIVE ACTION: Diverted flow to alternate final settling tanks 1- 4 that's used for wet weather events, which reduced hydraulic loading on active final settling tanks 5-11. Increased wasting in final settling tanks to lower sludge blanket levels and to improve solids removal throughout the facility. This will prevent solids intruding into the disinfection process causing insufficient treatment. Operations cleaned the chlorine contact basins twice this week to remove all settled solids.

WW TREATMENT PLANT SUPERVISOR SIGNATURE: 

DATE OF SIGNATURE: 6/24/2024

EXCURSION OF: LDEQ **PERMIT(S)** LA0036412

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 exceeded the permit effluent limits for the BOD percent removal and TSS percent removal for the period shown in the table below. For the month of June, the average monthly BOD as well as the monthly and weekly average of Fecal Coliform were exceeded. The total amount of stipulated penalties identified for non-compliant activities at the NWWTP during this reporting period is \$16,000.

The root causes are as follows:

April 2024: The NWWTP routinely struggles with meeting the percent removal limits established in the facility's LPDES permit. Despite meeting both monthly and weekly concentration limits for BOD and TSS, the percent removal was still exceeded. The average influent BOD and TSS loading to the NWWTP was 126 mg/L and 119 mg/L. To meet the required removal, influent BOD and TSS concentration would need to be 130 mg/L and 120 mg/L.

May 2024: Failure to meet the percent BOD removal permit requirements for the month of May is a result of low influent loadings. Influent BOD was 20% lower than April and June while effluent BOD remained within normal averages.

June 2024: Going into June, the NWWTP had 4 of 6 primary settling tanks out of service. Limited PSTs increased BOD in the primary effluent increasing the load on the trickling filters. On June 19th, contractor work began on west trickling filters 3,4 and 5 requiring the filters to be taken out of service. The combination of these two factors led to an exceedance in the monthly average and less removal of an already low influent concentration. A mixer failure during the second week of June produced several days of high fecal results leading to a weekly exceedance. Poor effluent quality during the latter part of the month led to above average fecal results. During the month of June, two fecal samples were missed due to contract lab error.

Corrective actions to be implemented include:

- Ongoing changes to sludge pumping frequency to control solids inventory in the Primary Settling Tanks, Final Settling Tanks, Gravity Thickeners, and Anaerobic Digesters.
- Ongoing focus and efforts to consistently meet Belt Filter Press Operation targets for the hauling of solids.
- Analysis of chemical oxygen demand to develop a surrogate parameter trend that can help identify potential issues earlier.
- Evaluating alternative pumping options versus the existing primary plunger style pumps.



Consent Decree Compliance Status

- Testing free chlorine to provide more data on the efficacy of disinfection.
- Permit limits for percent removal for both BOD and TSS were lowered to 65% starting July of 2024.
- Contractor work on trickling filters 3 and 4 will be completed in July.
- Jacobs has developed SOPs for targeting bulk snail removal and snail growth prevention. Those procedures will begin as soon as staff has been trained on the new procedures.

NWWTP	Permit Level	2nd Quarter 2024			Stipulated Penalty		
		Apr	May	Jun	# of Occurrences	Per Occurrence	Total
BOD							
7-Day Avg. (mg/l)	45	30	25	37	0	\$1,000	--
Monthly Avg. (mg/l)	30	28	20	31	1	\$2,500	\$2,500
Monthly Avg. (lbs./day)	13,511	5378	3114	4551	0	\$2,500	--
Percent Removal	85%	78%	80%	76%	3	\$2,500	\$7,500
TSS							
7-Day Avg. (mg/l)	45	25	18	18	0	\$1,000	--
Monthly Avg. (mg/l)	30	21	15	18	0	\$2,500	--
Monthly Avg. (lbs./day)	13,511	2567	2607	3235	0	\$2,500	--
Percent Removal	85%	81%	86%	85%	1	\$2,500	\$2,500
TRC**							
Daily Max.(mg/l)	1.3	1.22	1.28	1.26	0	\$1,000	--
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100m l	135	101	596	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	200 col/100m l	94	51	301	1	\$2,500	\$2,500
Total							\$16,000

C-Compliance

- Reflects Permit

* Modifications as of 8/1/2016

**Modifications as of 9/1/2018



2. **The City/Parish was not in compliance with the SWWTP LPDES** Permit No. LA0036412 AI# 4841 during the reporting period. The SWWTP exceeded the permit effluent limits for BOD percent removal, TSS percent removal, TSS weekly and monthly average, and fecal coliform weekly and monthly average and for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the SWWTP during this reporting period is \$12,500.

The root causes are as follows:

April 2024: Two rain events in April both producing over an inch of rain doubled flows through the plant. High flows and high solids inventory led to elevated effluent TSS concentrations, resulting in lower than permitted removal of solids. The high solids concentration in the effluent led to increased fecal counts, resulting in a monthly exceedance of fecal coliform. These two rain events were the catalyst for the exceedances in the month of April. Values for each parameter exceeded returned to normal ranges within days of the plant recovery.

May 2024: Plant exceedances included percent removal of TSS, weekly average TSS and a weekly fecal coliform. During the week of May 12, the Baton Rouge area received over 4 inches of rain. During elevated flows, the facility experienced solids washout at the clarifiers. These washouts led to weekly fecal and TSS exceedances. High effluent TSS results from this event led to missing the target percent removal.

June 2024: Exceedances for TSS percent removal and weekly average limits of TSS and fecal were a result of solids washout during a high flow event. During the first week of June, Baton Rouge received over 2 inches of rain. Daily flows during this week average 73 MGD, nearly tripling the normal daily averages. High solids inventory led to high TSS and fecal results for the week. TSS results during this week were a catalyst for the failure to meet percent removal for the month of June.

Corrective actions to be implemented include:

- During moderate grade wet-weather events, better utilize EQ storage facilities to minimize slug volume through the facility.
- Better management of clarifier solids blankets.
- Testing free chlorine testing to provide more data on the efficacy of disinfection.
- Permit limits for percent removal for both BOD and TSS were lowered to 65% starting July of 2024.
- Facility is currently experiencing solids backlog due to past dewatering system repairs – two mobile dewatering systems were deployed in early July to assist in solids removal from the facility. The two mobile rental presses will run in combination with the two facility presses to increase solids disposal.



Consent Decree Compliance Status

SWWTP	Permit Level	2nd Quarter 2024			Stipulated Penalty		
		Apr	May	Jun	# of Occurrences	Per Occurrence	Total
BOD							
7-Day Avg. (mg/l)	45	14	15	24	0	\$1,000	--
Monthly Avg. (mg/l)	30	11	12	14	0	\$2,500	--
Monthly Avg. (lbs./day)	14,512	3354	4550	5637	0	\$2,500	--
Percent Removal	85%	92%	92%	85%	0	\$2,500	--
TSS							
7-Day Avg. (mg/l)	45	40	47	59	2	\$1,000	\$2,000
Monthly Avg. (mg/l)	30	24	30	23	0	\$2,500	--
Monthly Avg. (lbs./day)	14,512	7808	11648	12221	0	\$2,500	--
Percent Removal	85%	83%	80%	78%	3	\$2,500	\$7,500
TRC**							
Daily Max.(mg/l)	1.17	1.09	1.11	1.0	0	\$1,000	--
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	424	449	413	3	\$1,000	\$3,000
Monthly Avg. (mg/l)	200 col/100ml	155	98	103	0	\$2,500	--
Total							\$12,500

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 04/01/24 to 06/30/24. If not, see comments above.