



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 62

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**October 23, 2017**



October 23, 2017

CERTIFIED – RETURN RECEIPT REQUESTED

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

Re: City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Sixty Second Quarterly Report - Period Ending September 30, 2017

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 62<sup>nd</sup> Consent Decree Quarterly Report covering activities for the quarter ending September 30, 2017. 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 62<sup>nd</sup> Consent Decree Quarterly Report to the US EPA and LDEQ and one copy to the US DOJ and City/Parish DES.

I certify that the information contained in or accompanying this sixty second 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, PE  
Interim Environmental Services Director

cc: Honorable Sharon Weston-Broome, Mayor-President  
Chief, Environmental Enforcement Section, US DOJ  
Mr. Bobby Mayweather, LDEQ  
Dr. Chuck Carr Brown, LDEQ  
Ms. Mona Bates, US EPA Region 6  
Mr. Carlos Zequeira, (6RC-EA)  
Ms. Darlene Whitten-Hill, (6EN-WC)  
Ms. Lea Anne Batson  
Mr. Bob Abbott  
Mr. Joseph Young, CH2M  
Ms. Elizabeth Gibert, CH2M  
Mr. Carlos Giron, CH2M  
Ms. Cheryl Berry  
Mr. Stan Redmond  
Mr. Mark LeBlanc  
Mr. John Ward  
Mr. Paul Nata

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

345 Chippewa St.  
Baton Rouge, LA 70805

**Date:** October 18, 2017

**To:** Mr. Stan Redmond, Wastewater Collection Division  
Mr. Paul Nata, Wastewater Collection Division  
Ms. Cynthia Thomas, Wastewater Treatment and Disposal Division

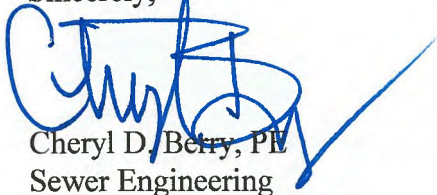
**From:** Ms. Cheryl Berry, P.E., Wastewater Treatment and Disposal Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Sixty Second Quarterly Report – Period Ending September 30, 2017  
Data Review

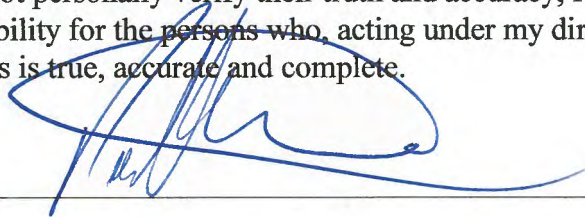
Sir or Madam:

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

Sincerely,

  
Cheryl D. Berry, PE  
Sewer Engineering

I certify that the information contained in or accompanying the portion of the Sixty Second 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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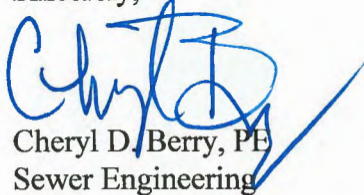
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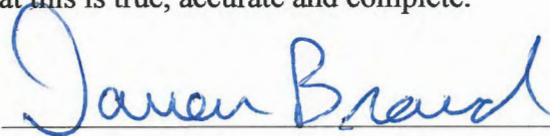
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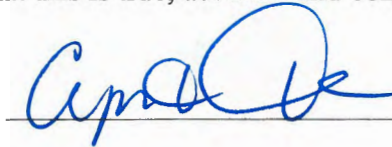
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# 62nd Quarterly Report - Executive Summary

## General Overview

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

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

## Report Organization

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

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

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

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

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

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

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

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

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

*Part F: Supplemental Environmental Projects (SEP)* – This section summarizes the status of the SEP projects. However, 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 addressed in the Executive Summary Section of the Quarterly Report. Additionally, the remainder of the Quarterly Report sections is attached as well.

## Attention: Special DES Update

### Fats, Oils, and Grease (FOG) Division

Recognizing the need for identification, permitting, and inspection of the over 3,000 grease traps located throughout the C-P, the Department of Environmental Services established a FOG division under the Environmental Department. The FOG division operates under the direction of a newly established FOG Manager and utilizes a pool of up to 6 environmental inspectors to support its mission. The division is responsible for the permitting, inspection, and oversight of all grease traps and designated non-significant industrial users (non-SIUs) located throughout the C-P.

DES decide to abandon a paper driven permitting and inspection program for a more technically advanced and user friendly on-line portal for all permitting, grease trap maintenance reporting, oversight, and inspections. The website, located at <http://fog.brla.gov>, allows regulated entities to obtain required permits, print certification for display in the facility, and log the required maintenance activities and associated documentation. Additionally, a web portal integrated dashboard is provided to DES staff that reports facilities that are out-of-compliance with the required maintenance prompting staff inspections, and subsequent penalties and fines, if necessary. This has been an efficient and effective tool for both DES and the customer. For the 3<sup>rd</sup> quarter reporting period of July 1, 2017 to September 30, 2017, the C-P has completed the following:

- Performed 119 inspections of food service facilities
- Performed 114 inspections of permitted Non-food service facilities
- Issued 647 Non-SIU Permits:
  - 512 Non-SIU Permits to food service facilities
  - 28 Non-SIU Permits to general commercial facilities
  - 49 Non-SIU Permits to health care facilities
  - 11 Non-SIU Permits to industrial/auto repair/wash
  - 7 Non-SIU Permits to laboratories
  - 29 Non-SIU Permits to laundry facilities
  - 4 Non-SIU Permits to oil/water separator facilities
  - 0 Non-SIU Permits to Silver Recovery Unit (SRU) facilities
  - 7 Embalming Facilities
  
- Issued 68 Notice of Violations to Non-SIUs for grease trap violations / unpermitted facilities

Now co-located with the Wastewater Collections department, the groups can easily collaborate on system grease issues to initiate inspections of potential violators.

### Dry-weather SSOs

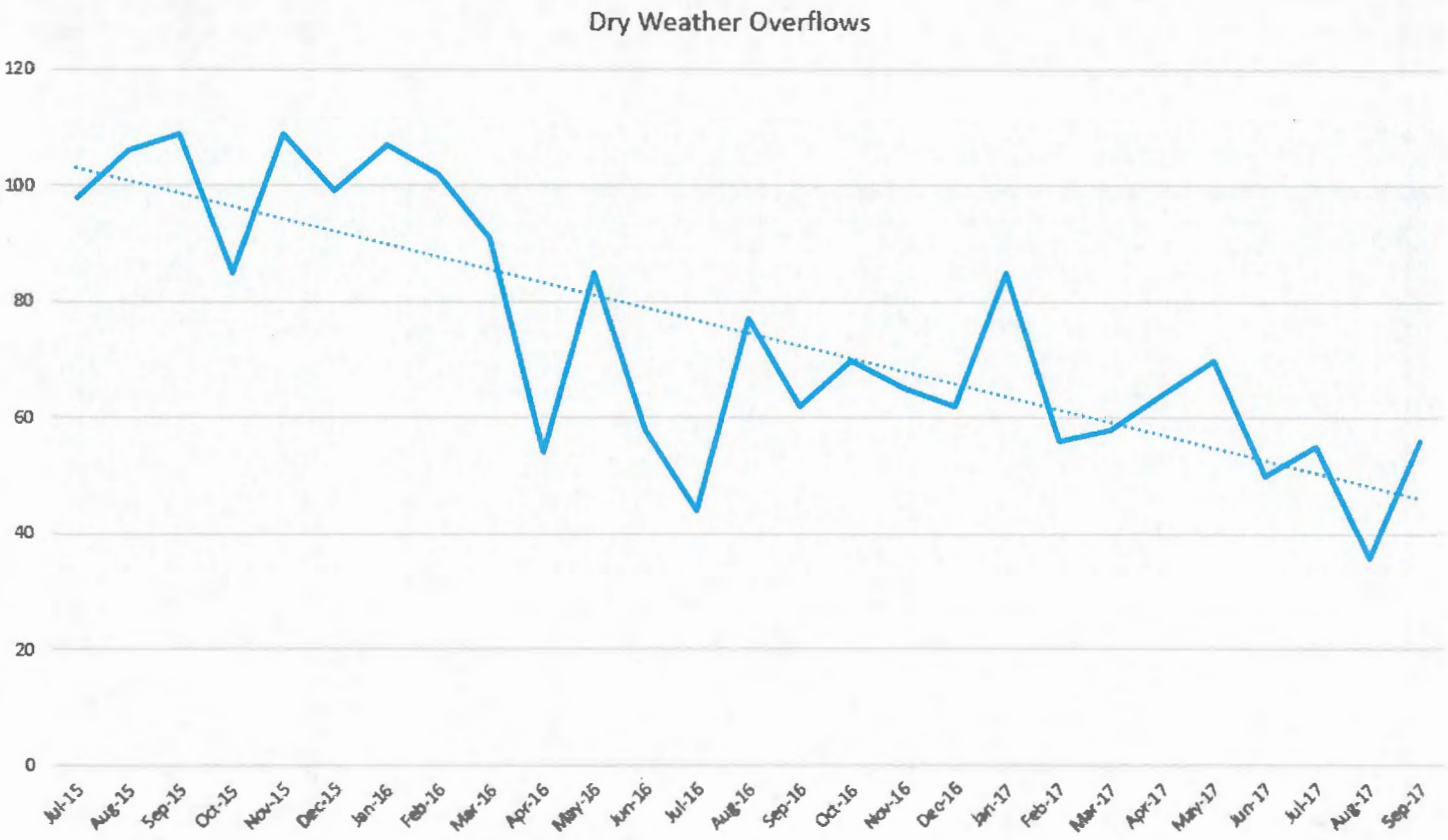
Beginning in September of 2015, DES began an aggressive campaign to target recurring dry-weather Sanitary Sewer Overflows (SSOs) and pump station malfunctions caused by FOG. This included chemical grease treatment and cleaning of areas with concentrated dry-weather SSOs and/or high density of grease traps, revamping of the Environmental Division of DES to include a dedicated FOG division and encouraging collaboration with Wastewater Collections, establishing an online grease trap permitting and maintenance monitoring portal, and conducting various public outreach programs to engage and educate the public on the dangers of introducing FOG into the sanitary sewer system.

### Chemical Grease Treatment

Utilizing Geographic Information Systems (GIS), DES analyzes SSO data, locations of grease traps, and field observations of FOG to establish a targeted chemical grease treatment, utilizing Jet Power 2, and hydraulic cleaning program. Over the past 18 months, DES and its contractor have addressed approximately 252,000 linear feet (lf) of FOG-impacted pipelines to improve capacity and reduce dry-weather overflows and back-ups. Since the inception of this program, the



C-P has seen a reduction of dry-weather overflows by over 50%. DES is continuing these efforts through a long-term capital planning program. Additionally, DES is utilizing data to begin to establish recurring chemical grease treatment and cleaning frequencies to prevent recurring dry weather overflows.



### Cool It, Can It, Trash It- Public Outreach

DES continues an aggressive public outreach and education campaign on the dangers of introducing fats, oils, and grease (FOG) into the wastewater system. In July, DES distributed “Cool It, Can It, Trash It” water bill inserts to all City-Parish customers. The theme was inspired by the winning Earth Day Poster Design Contest. The insert warns of the impacts of non-flushable items and FOG and explains the implications of back-up to residents and the environment. The City-Parish received positive feedback from the community on the mailouts and plans to continue this effort on an annual basis. To view the water bill insert, please see Attachment A.

### Summary of Regulatory Actions (Quarter Ending September 30, 2017)

This portion of the Executive Summary highlights significant dates on which the City/Parish submitted deliverables to the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ). Additionally, this list also captures all meetings and phone conversations that have taken place during the past quarter with parties listed.

### History of Submittals

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

Table 1. DOJ, EPA, and LDEQ Submittal History

Name	Date Submitted	Additional Information
Sewer System Model Verification and Revised Second Remedial Action Plan	November 2006	Submittal of CDM's 2005 RMAP2 Report with changes in the South WWTP Projects
Addressing Existing Noncompliance Issues and Future Wet Weather Flow Management Requirements at the South WWTP	January 2007	Summary of findings/recommendations for the South WWTP
EPA RMAP2 Approval Letter	July 2007	EPA Letter Approving November 2006 Submittal and South WWTP recommendations. Disapproved interim limits and left for further discussion the time extension request due to hurricanes
South WWTP Summary of Immediate Action Plan Projects	October 2007	Summary of IAP projects to date, per EPA phone request on October 12, 2008
EPA RMAP1 Project Status Report	December 2007	Summary of RMAP1 projects to date, including request for time extension
EPA Prioritization Submittal	April 2008	Summary of program/RMAP2 prioritization, maps, draft milestones, per EPA phone request on February 12, 2008
EPA Memorandum - Consolidation of South and Central Wastewater Treatment Plants in Baton Rouge, Louisiana	August 2008	City/Parish request "no objection" for the retirement of the Central WWTP
Request for Modification to the Approved RMAP2 Submittal - Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program	September 2008	City/Parish formal RMAP2 Submittal
Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	January 2009	City/Parish draft response to public comments regarding the Consent Decree Modification
Updated Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	February 2009	City/Parish final response to public comments regarding the Consent Decree Modification
Signed Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	April 2009	DOJ/EPA approval of the <i>Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program Report</i> submitted by the City/Parish in September 2008 also included as an attachment in the signed Agreement and Order.
Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	July 2011	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule (3 years)
Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	October 2012	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule (4 years)
Signed Revised Second Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	June 2013	DOJ/EPA approval of the City/Parish 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)	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.

Table 1. DOJ, EPA, and LDEQ Submittal History

Name	Date Submitted	Additional Information
Docket Number CWA-06-2016-1767 dated April 15, 2016		
Request for Extension on Industrial Use Survey (Pre-Treatment) City of Baton Rouge/Parish of East Baton Rouge Administrative Order – CWA-06-2016-1749 Agency Interest No. 4841 Water Permit No. LA0036412, LA0036439, LA0036421	August 2016	Request for extension of date to complete Industrial User (IU) Survey, the final task to address the administrative order due to the Great Flood of 2016 and its impact on businesses.
City of Baton Rouge and Parish of East Baton Rouge Consent Decree–Civil Action No. 01-978-B-M3 Completion of 66% Milestone	November 2016	Notification of completion of final 66% milestone project, Highland Road-Burbank Drive Sewer Area Upgrades (08-FM-ST-0023), which had been delayed due to the contractor defaulting on the project, requiring the remaining work to be compiled into another project and the advertisement period to begin again.
Final Report Administrative Order – CWA-06-20161749, Agency Interest No. 4841, Water Permit No. LA0036412, LA0036439, LA0036421	December 2016	Notification of completion of all administrative order findings and items.

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

Table 2. Summary of Consent Decree Reporting Deliverables

Name	Deadline	Completion Date	Resubmission/Update
<i>Quarterly Reports</i>			
	61 <sup>st</sup> 31-Jul-17	24-Jul-17	
	60 <sup>th</sup> 31-Apr-17	26-Apr-17	
	59 <sup>th</sup> 31-Jan-17	20-Jan-17	
	58 <sup>th</sup> 31-Oct-16	21-Oct-16	
	57 <sup>th</sup> 31-Jul-16	22-Jul-16	
	56 <sup>th</sup> 31-Apr-16	22-Apr-16	
	55 <sup>th</sup> 31-Jan-16	23-Jan-16	
	54 <sup>th</sup> 31-Oct-15	23-Oct-15	
	53 <sup>rd</sup> 31-Jul-15	24-Jul-15	
	52 <sup>nd</sup> 31-Mar-15	24-Mar-15	
	51 <sup>st</sup> 31-Jan-15	21-Jan-15	
	50 <sup>th</sup> 31-Oct-14	20-Oct-14	
	49 <sup>th</sup> 31-Jul-14	22-Jul-14	
	48 <sup>th</sup> 30-Apr-14	21-Apr-14	
	47 <sup>th</sup> 31-Jan-14	21-Jan-14	
	46 <sup>th</sup> 31-Oct-13	18-Oct-13	
	45 <sup>th</sup> 31-Jul-13	24-Jul-13	1-Aug-13
	44 <sup>th</sup> 30-Apr-13	19-Apr-13	
	43 <sup>rd</sup> 31-Jan-13	25-Jan-13	
	42 <sup>nd</sup> 31-Oct-12	23-Oct-12	

Table 2. Summary of Consent Decree Reporting Deliverables

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

Table 2. Summary of Consent Decree Reporting Deliverables

Name	Deadline	Completion Date	Resubmission/Update
	7 <sup>th</sup>	31-Jan-04	30-Jan-04
	6 <sup>th</sup>	31-Oct-03	30-Oct-03
	5 <sup>th</sup>	31-Jul-03	17-Jul-03
	4 <sup>th</sup>	30-Apr-03	24-Apr-03
	3 <sup>rd</sup>	31-Jan-03	27-Jan-03
	2 <sup>nd</sup>	31-Oct-02	23-Oct-02
	1 <sup>st</sup>	31-Jul-02	23-Jul-02
<i>Annual Reports</i>			
	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
	2008	31-Jan-09	31-Jan-09
	2007	31-Jan-08	31-Jan-08
	2006	31-Jan-07	27-Jan-07
	2005	31-Jan-06	24-Jan-06
	2004	31-Jan-05	31-Jan-05
	2003	31-Jan-04	30-Jan-04
	2002	31-Jan-03	29-Jan-02
<i>Other Reports and Plans</i>			
Collection System PMP Plan	30-Mar-01	29-Mar-01	
Treatment Plant PMP Plan	30-Mar-01	29-Mar-01	
Treatment Facility Assessment Report	30-Mar-02	26-Mar-02	
SEP Completion Report	15-Sep-04	10-Sep-04	
2 <sup>nd</sup> RMAP Report	1-Dec-02	20-Nov-02	8-Sep-08
RMAP1 Completion Report	30-Apr-11	27-Apr-11	
Updated Outreach and Public Awareness Plan		13-Nov-01	27-Apr-11
RMAP2 33% Milestone Completion Report		21-Jul-15	
RMAP2 66% Milestone Completion Report		21-Jul-15	

# RMAP1 Status and Schedule for Completion

The RMAP1 projects listed in Exhibit F of the Consent Decree were those projects common to the alternatives presented in Section XII - Remedial Measures: Collection System Remedial Program of the Consent Decree. There are a total of nineteen of these “common” projects that were identified through various modeling and Value Engineering efforts associated with the original Sanitary Sewer Overflow (SSO) Corrective Action Plan developed by Montgomery Watson (MWH) in 1998. These projects were common to the alternative plans presented in the Consent Decree that were focused on utilizing deep tunnels/storage to control the SSOs throughout the City/Parish’s wastewater collection system. The phased implementation of these RMAP1 projects initially began sometime at the end of 1999 and the beginning of 2000. These projects were planned to start and finish at different times due to funding constraints.

Since the date of entry into the Consent Decree, the City/Parish has been diligently working on the design and construction of these RMAP1 projects and has completed most of them either on, or ahead of schedule. However, during the planned execution of these projects significant events have taken place with the change in technical approach of the Collection System Remedial Program that affected some of these projects.

In the years 2004 and 2005, the City/Parish decided to re-evaluate the planned technical approach of their Collection System Remedial Program, while in the process of executing the RMAP1 projects. Their review resulted in a momentous change in technical approach from deep tunnels and storage, to sewer rehabilitation. Therefore, the original RMAP1 projects not yet begun were all re-examined, and some wound up not fitting into the “new” plan. These projects were then shelved, and others were re-evaluated to see if they fit into the new plan. During this time period the City/Parish’s consultants that were hired to help plan and execute these projects changes as well. CH2M HILL is currently the City/Parish’s consultant for the SSO Control and Wastewater Facilities Program.

In December 2007, the City/Parish and CH2M HILL submitted a detailed *RMAP1 Status Report* to the EPA that summarized the status to date of all of the RMAP1 projects. This report included a formal “Request for Time Extension” for those RMAP1 projects not yet completed, and a corresponding schedule for project completion. This report was submitted as the milestone requirement pursuant to Section XVIII – Reporting, of the Consent Decree. This report and request for time extension was verbally approved by the EPA during the conference call on February 12, 2008.

The City/Parish re-submitted RMAP1 milestones as outlined in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). As previously mentioned, the 2009 Consent Decree Modification was approved in April 2009 by DOJ, EPA, and LDEQ. This approval formally accepted the RMAP1 milestones presented in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008).

The current status of the RMAP1 projects is presented in Table 3 below. All 14 RMAP1 projects are functionally completed, and 13 of the 14 were done either on, or ahead of schedule. The RMAP1 - Industriplex project had several issues arise during the construction phase pertaining to unavoidable utility conflicts, difficult easement acquisitions, alignment changes, and permitting and other utility coordination issues that caused significant delays with the project which could not be overcome by reasonable actions by the City/Parish and its construction contractor. This project is functionally complete and has been in operation since 1<sup>st</sup> quarter 2011. The City/Parish asserts that this project is not susceptible to stipulated penalties due to the circumstances of the delay beyond the control of the City/Parish. The circumstances behind the delay are explained in detail below and have been also mentioned in the previous Quarterly EPA Reports. The *RMAP1 Completion Report* was included previously in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* at the end of the 36<sup>th</sup> Quarterly EPA Report.

Table 3. EPA Consent Decree Summary and RMAP1 Milestones

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

Table 3. EPA Consent Decree Summary and RMAP1 Milestones

		Projects Completed	Projects Completed	Project Status Summary
Milestone Date		5/4/2007	9/1/2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)			Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		4 <sup>th</sup> Quarter 2008	<b>Project completed – 4<sup>th</sup> quarter 2008</b> (at 80% complete with construction). Project was in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 <sup>th</sup> Quarter 2007	<b>Project completed – 4<sup>th</sup> quarter 2007.</b>
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 1<sup>st</sup> quarter 2011.</b>
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2009.</b>
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2010.</b>
*Notes: This project was executed as a combination of two RMAP1 projects				
**Notes: These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree				
***Notes: This RMAP1 project was split up into multiple projects for better execution				

## RMAP2 Project Descriptions and Schedule for Completion

The City/Parish and CH2M HILL are actively moving forward with the execution of the RMAP2 projects included herein, as outlined in the April 2009 Consent Decree Modification by DOJ, EPA, and LDEQ that adopts the corresponding *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). In 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 which formally approves the City/Parish's 4 year extension request which was the focus of the *Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal* (October 2012). This modified request document was included previously as *Attachment 1: Revised Second Agreement and Order Regarding the Modification of the Consent Decree* in the 45<sup>th</sup> Quarterly EPA Report.

In preparing the 2008 report, priority was given to the locations of known overflows (in order to reduce the frequency of overflows) and projects required to get the wastewater treatment plants in compliance with their National Pollution Discharge Elimination System (NPDES) permits. Areas of the collection system that were found to have excessive levels of infiltration or inflow were identified for rehabilitation. Hydraulic capacity improvement projects were sized to accommodate the predicted designed peak wet weather flows and anticipated growth in the project areas. Peak wet weather flows were predicted based on the previously selected/inherited (2002) 2-year frequency, 12-hour duration design storm approved by the EPA prior to 2006. Although many of these RMAP2 projects have already been completed, many are still underway due to the very tight schedule required by the Consent Decree. The RMAP2 project milestone schedules are extremely compressed. To this end, given that it takes approximately 2 to 4 years for a typical project to be completed through the pre-design, design, and construction phases, most projects are being worked on simultaneously.



The City/Parish is working diligently on meeting and exceeding the RMAP2 schedules. The City/Parish is seeing many of the effects from the ramp up of construction activities. Contractor and workforce availability have continued to be issues of concern. In addition, the capacity of both internal and external support functions continues to be an issue of concern, particularly due to the stresses already placed on several key support roles, especially with regards to the City/Parish procurement system, and to a lesser degree with state/local permit acquisitions/approvals. All of these support systems are already strained and the peak of RMAP2 work is underway, with no significant drop off expected until third quarter 2017.

The City/Parish continues documenting the impact of force majeure events that have affected the Baton Rouge Area, such as the impacts of the Mississippi River Flood (May 20, 2013); Hurricanes Katrina, Rita, Gustav, and Isaac; the Gulf of Mexico oil spill; 2011 Mississippi River flood; Tropical Storm Lee; the 2015 and 2016 Mississippi River floods; the Great Flood of 2016, and other extreme storm events. These events not only impact project costs, but also contractor availability and project schedules.

This quarter, the SSO Program was again under a force majeure for the entire quarter due to the Great Flood of 2016. East Baton Rouge Parish, along with other nearby parishes, experienced a 1,000-year flooding event as a result of rain events that occurred August 11-14, 2016. The rain events led to extreme flooding, resulting in loss of life, housing, and property; estimates for those impacted are over 284,000 residents. On Friday, August 12, 2016 Governor John Bel Edwards declared a state of emergency for the entire state of Louisiana. This was followed on August 14, 2016, by President Obama signing the Louisiana Disaster Declaration, which declared a major disaster for the State of Louisiana. On September 23, 2016, Dr. Chuck Carr Brown, the secretary of the Louisiana Department of Environmental Quality signed a Second Amended Declaration of Emergency and Administrative Order, to expire September 30, 2016. On September 30, 2016, a Third Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order until November 30, 2016. On November 30, 2016, a Fourth Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order until December 31, 2016. On December 21, 2016, a Fifth Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order until January 31, 2017. On January 30, 2017, a Sixth Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through April 1, 2017. On March 27, 2017, a Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through May 1, 2017. On April 26, 2017, an extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through May 31, 2017. On May 25, 2017, a second extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through June 30, 2017. On June 27, 2017, a third extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through July 30, 2017. On July 28, 2017, a fourth extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through August 31, 2017. On August 30, 2017, a fifth extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through September 30, 2017. On September 20, 2017, a sixth extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through October 31, 2017.

This quarter, updates on the extension of the Force Majeure event connected to the Great Flood of 2016 were sent on July 5, 2017; August 1, 2017; and August 31, 2017. These may be found in Attachment B: Third Quarter 2017 Force Majeure Event Letters of this Quarterly EPA Report.

The Consent Decree schedule is very demanding and the time lost recently and in the past years from this and other force majeure events has affected not only the critical early planning stages of the program, but also had significant impacts on construction, and affect project schedules and implementation now and into the future. The City/Parish keeps track of these events in regard to their potential effect on schedule and compliance, and the potential effect on the associated construction costs and contractor availability for RMAP2 project work. As the work progresses on the remaining projects, the City/Parish will continue to document all project schedule delays related to force majeure events in the Quarterly and Annual EPA Reports.

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. However, with the EPA and LDEQ approval, the City/Parish regularly documents RMAP2 project changes (scope changes, project additions, project deletions, and schedule changes) in the Quarterly and Annual EPA Reports.

The 2013 Program Delivery Plan (PDP) update was submitted, reviewed, and approved by the City/Parish. Tables 4, 5 and 6 were updated to reflect any project changes associated with the SSO Program.

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

The RMAP2 projects are separated into three categories with descriptions and schedules provided for all projects, current through September 30, 2017.

### Category 1: Comprehensive Sewer Basin Rehabilitation

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

Table 4 presents the Category 1 comprehensive rehabilitation sub-basin projects and anticipated delivery milestone schedules. Project status summaries are provided for those projects already underway, current through September 30, 2017.

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

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

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

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Foster Drive – Government Street Area Rehabilitation Project Phase A	●			Project completed – 4 <sup>th</sup> quarter 2011.
Foster Drive – Government Street Area Rehabilitation Project Phase B	●			Project completed – 3 <sup>rd</sup> quarter 2012.
Silverleaf Road – Ford Street Area Rehabilitation Project	●			Project completed – 4 <sup>th</sup> quarter 2012.
Brookstown Road – Evangeline Street Phase I Area Rehabilitation Project	●			Project completed – 4 <sup>th</sup> quarter 2012.
Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project	●			Project completed – 4 <sup>th</sup> quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project		●		Project completed – 4 <sup>th</sup> quarter 2012.
Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project		●		Project completed – 1 <sup>st</sup> quarter 2013.
Highland Road – Washington Street Area Rehabilitation Project		●		Project completed – 3 <sup>rd</sup> quarter 2013.
Stanford Avenue – Morning Glory Road Area Rehabilitation Project	●			Project completed – 4 <sup>th</sup> quarter 2012.
Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project		●		Project completed – 3 <sup>rd</sup> quarter 2014.
Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project		●		Project completed – 2 <sup>nd</sup> quarter 2015.
Acadian Thruway – Claycut Road Area Rehabilitation Project		●		Project completed – 1 <sup>st</sup> quarter 2013.
Acadian Thruway – Perkins Road Area Rehabilitation Project	●			Project completed – 4 <sup>th</sup> quarter 2012.
Antioch Road – Chadsford Drive Area Rehabilitation Project		●		Project completed – 2 <sup>nd</sup> quarter 2015.
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			●	Project completed – 1 <sup>st</sup> quarter 2016.
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project		●		Project completed – 2 <sup>nd</sup> quarter 2015.
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			●	Project completed – 2 <sup>nd</sup> quarter 2016.
Siegen Lane – Interstate 10 Area Rehabilitation Project			●	Project completed – 2 <sup>nd</sup> quarter 2017.
Interstate 110 – Hollywood Street Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2015.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2016.
Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project			●	Construction 10% complete and ongoing.
East Boulevard – Government Street Area Rehabilitation Project			●	Project completed – 3 <sup>rd</sup> quarter 2017.

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
	Milestone Date			
Construction Status	Functionally Complete*	Functionally Complete*	Functionally Complete*	
North 38 <sup>th</sup> Street – Gus Young Avenue Area Rehabilitation Project			●	Construction 1% complete and ongoing.

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

## Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity mains, pump stations, and transmission mains to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 5 presents a list of Category 2 projects with corresponding milestone schedules. Project status summaries are provided for those projects already underway, current through September 30, 2017.

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

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

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Construction Status				
South Boulevard – St. Joseph Street Sewer Area Upgrades	●			Project completed – 2 <sup>nd</sup> quarter 2012.
South Boulevard – St. Joseph Street Sewer Area Upgrades – Phase B			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Downtown Area Pump Station Improvements		●		Project completed – 2 <sup>nd</sup> quarter 2012.
Highland Road – Buchanan Street Sewer Area Upgrades	●			Project completed – 4 <sup>th</sup> quarter 2011.
Citiplace/Essen Area - PS119 & Forcemain Improvements	●			Project completed – 3 <sup>rd</sup> quarter 2012.
Group Project 1A (Metro Airport Sewer Upgrades)		●		Project completed – 2 <sup>nd</sup> quarter 2013.
Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)		●		Project completed – 1 <sup>st</sup> quarter 2016.
Perkins/Old Perkins Area - Booster PS 514 Improvements		●		Project completed – 2 <sup>nd</sup> quarter 2013.
Group Project 2 (Old Perkins – Highland Road Area Upgrades)	●			Project completed – 2 <sup>nd</sup> quarter 2012.
Highland Road – Burbank Drive Capacity Improvements		●		Project completed – 4 <sup>th</sup> quarter 2016.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A		●		Project completed – 1 <sup>st</sup> quarter 2012.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B		●		Project completed – 1 <sup>st</sup> quarter 2015.
Bayou Duplantier Area Sewer Upgrades		●		Project completed – 3 <sup>rd</sup> quarter 2013.
25th Street - North Acadian Thruway	●			Improvements constructed in Capital Lake-Gayosa Drive Project and South Blvd.-Saint Joseph Street Project. See status updates for the two projects mentioned in this table above.
Government St - South Acadian Thruway Sewer Area Upgrades			●	Project completed – 1 <sup>st</sup> quarter 2016.
Plank Road-Kleinpeter Road Sewer Area Upgrades		●		Project completed – 1 <sup>st</sup> quarter 2016.
O’Neal Lane Pipeline Improvements – Group A		●		Project completed – 4 <sup>th</sup> quarter 2014.
O’Neal Lane Pipeline Improvements – Group B		●		Project completed – 2 <sup>nd</sup> quarter 2015.
Multiple PS - Nicholson Dr - Brightside Dr		●		Project completed – 2 <sup>nd</sup> quarter 2015.
Pump Station 58 Capacity Improvements		●		Project completed – 1 <sup>st</sup> quarter 2015.

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

Construction Milestone	33% Milestone	66% Milestone	100% Milestone	Project Status Summaries
	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Milestone Date	Functionally Complete*	Functionally Complete*	Functionally Complete*	
Construction Status				
Staring Lane FM (Phase I - Burbank Drive to Highland Road)	●			Project completed – 2 <sup>nd</sup> quarter 2010.
Staring Lane FM (Phase II-Highland Road to Perkins Road)		●		Project completed – 4 <sup>th</sup> quarter 2013.
Staring Lane FM (Phase III - Perkins to PS58)		●		Project completed – 3 <sup>rd</sup> quarter 2014.
Multiple PS - Jefferson Hwy - Park Forest Dr		●		Project completed – 3 <sup>rd</sup> quarter 2012.
Airline Highway Pipeline Improvements-Phase A			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Airline Highway Pipeline Improvements-Phase B			●	Construction is approximately 70% complete and ongoing.
Multiple PS - Highland Road - Kenilworth Parkway			●	Project completed – 2 <sup>nd</sup> quarter 2017.
Florida Boulevard Pump Station Improvements			●	Construction is approximately 8% complete and ongoing.
Plank Road Pump Station Improvements			●	Project completed – 1 <sup>st</sup> quarter 2017.
Multiple PS - Highway 61 - Plank Road			●	Construction is approximately 40% complete and ongoing.
O'Neal Lane Pump Station Improvements – Group A			●	Project completed – 2 <sup>nd</sup> quarter 2017.
O'Neal Lane Pump Station Improvements – Group B			●	Project completed – 3 <sup>rd</sup> quarter 2017.
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			●	Construction is approximately 70% complete and ongoing.
Joor Road - Greenwell Springs Road Sewer Area Upgrades			●	Construction is approximately 30% complete and ongoing.
Plank Road - Port Hudson Pride Road Sewer Area Upgrades			●	Project completed – 3 <sup>rd</sup> quarter 2015.
Highland Road Pipeline Improvements-Group A			●	Project completed – 3 <sup>rd</sup> quarter 2016.
Highland Road Pipeline Improvements-Group B			●	Project completed – 2 <sup>nd</sup> quarter 2017.
Oak Villa Boulevard - Monterrey Boulevard Sewer Area Upgrades			●	Project completed – 2 <sup>nd</sup> quarter 2017.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades			●	Construction is approximately 65% complete and ongoing.
Hooper Road Pump Station Improvements			●	Construction is approximately 50% complete and ongoing.
Multiple PS - Prescott Rd-Greenwell Springs Rd			●	Construction is approximately 15% complete and ongoing.
Multiple PS - Burbank Drive - Siegen Lane			●	Construction is approximately 96% complete and ongoing.

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

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

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

### Category 3: Wastewater Treatment and Storage

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

Presently, there are not any RMAP2 projects that have been identified at the North WWTP. Also, since the existing Central WWTP had insufficient flows to justify the cost of renovation and upgrading for future requirements, it was decommissioned in July 2016 as the RMAP2 projects are completed at the South WWTP. Flows for the current Central service area have been diverted to the South WWTP. The C-P received notification that termination of Louisiana Pollutant Discharge Elimination System permit, Number LA0036421, was granted by the LDEQ on May 30, 2017 and the termination was effective on June 29, 2017.

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

- Immediate Action Plan (IAP) South WWTP Project that includes screening, trickling filter recirculation pumping, primary treatment improvements, and bio-solids thickening improvements. Effluent pumping improvements were also completed as part of the IAP.
- Phase 1 Improvements at the South WWTP for Wet Weather Flow including influent pumping, screening and grit removal for a predicted flow of 345 MGD. Phase 1 also includes 64 million gallons of equalization storage at the South WWTP.
- Phase 2 Improvements at the South WWTP include wet weather flow treatment with a peak capacity of 200 MGD (as previously approved in the November 2006 RMAP2).

In addition, there are two storage projects sized to reduce peak flows to existing North WWTP that are listed below and depicted as well in Table 6:

- Choctaw Storage Facility
- Hooper Storage Facility

These storage projects are part of the transmission system which permits retainage of wet weather peak flows. The details of the wastewater treatment and storage projects are listed in Table 6 below, and current through September 30, 2017.

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

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

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

## Additional Projects Outside of Consent Decree

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

Notification of the acceptance of the request for the termination of the Louisiana Pollutant Discharge Elimination System (LPDES) permit LA0036421 for the Central WWTP was received from Louisiana Department of Environmental Quality (LDEQ) – Environmental Services on May 30, 2017. The permit was terminated June 30, 2017, thirty days after receiving the response of the request from LDEQ.

Table 7. Proposed Schedule for Projects Outside of Consent Decree

	Start	Scheduled Finish	Project Status Summary
NWWTP Plantwide & Master SCADA Project	Project Underway	Construction – 4 <sup>th</sup> quarter 2018	NTP expected 4 <sup>th</sup> quarter 2017. Project originally part of NWWTP Master Plan project, re-scoped into several projects 4 <sup>th</sup> quarter 2016 due to high bids.
NWWTP Standby Generator Project	Project Underway	Construction – 2 <sup>nd</sup> quarter 2018	Construction is approximately 1% complete and ongoing. Project originally part of NWWTP Master Plan project, re-scoped into several projects 4 <sup>th</sup> quarter 2016 due to high bids.
NWWTP Pretreatment & Grit Removal Rehabilitation Project	Project Underway	Construction – 4 <sup>th</sup> quarter 2018	Construction is approximately 1% complete and ongoing. Project originally part of NWWTP Master Plan project, re-scoped into several projects 4 <sup>th</sup> quarter 2016 due to high bids.



Table 7. Proposed Schedule for Projects Outside of Consent Decree

	Start	Scheduled Finish	Project Status Summary
NWWTP General Electrical Rehabilitation Project	Project Underway	Construction – 4 <sup>th</sup> quarter 2018	Construction is approximately 5% complete and ongoing. Project originally part of NWWTP Master Plan project, re-scoped into several projects 4 <sup>th</sup> quarter 2016 due to high bids.
NWWTP Odor Control & Sodium Hypochlorite Project	Project Underway	Construction – 2 <sup>nd</sup> quarter 2018	Construction is approximately 10% complete and ongoing. Project originally part of NWWTP Master Plan project, re-scoped into several projects 4 <sup>th</sup> quarter 2016 due to high bids.
North WWTP Sustainability Improvements Project	Project Underway	Construction – 2 <sup>nd</sup> quarter 2018	Construction is approximately 35% complete and ongoing. Project originally part of North WWTP Master Plan & Sustainability Improvements Project (projects #1 and #2 combined 3 <sup>rd</sup> quarter 2015), un-combined 4 <sup>th</sup> quarter 2016.
NWWTP Master Plan Project #3 (Public Project) – Plant Buffer	Project Underway	Construction – 2 <sup>nd</sup> quarter 2018	Advertisement anticipated 1 <sup>st</sup> quarter 2018.
SWWTP Wet Weather Improvements – Phase II (Master Plan portion)	Complete	Complete	<b>Project completed – 2<sup>nd</sup> quarter 2015.</b>
Sewer System and WWTP Stand-by Power Program	Project Underway	Completion of SSO Program	Generator installation of PDP stations approximately 90% and ongoing. Additional scope added; anticipated continual growth on this project. All stored generators were flooded during the August 2016 Flood and will require acquisition of replacements.
SCADA (Collection System, Operations Data and Control Center)	Project Underway	Completion of SSO Program	Construction of overall project 74% complete and ongoing.
Environmental Services Facility	Complete	Complete	<b>Project completed – 2<sup>nd</sup> quarter 2017.</b> (DES consolidated staff into one facility to facilitate communications and operations.)
NWWTP Odor Control Project	Complete	Complete	<b>Project completed – 4<sup>th</sup> quarter 2010.</b>
Comite –Foster Road Sewer Area Upgrades - Phase II	Complete	Complete	Project completed – 1 <sup>st</sup> quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements	Project Underway	Project moved into RMAP2. See Table 5 for project status update	Project moved into RMAP2. See Table 5 for project status update
South Boulevard – Saint Joseph Street Phase B	Project Underway	Project moved into RMAP2. See Table 5 for project status update	Project moved into RMAP2. See Table 5 for project status update
Central WWTP Decommissioning Project	Complete	Complete	Project completed – 2 <sup>nd</sup> quarter 2017. (Central WWTP decommissioned 3 <sup>rd</sup> quarter 2016; permit discontinued 2 <sup>nd</sup> quarter 2017.)
Ward Creek Aerial Crossing Replacement Emergency Project	Complete	Complete	Project completed – 3 <sup>rd</sup> quarter 2015.
South Basin Coordination Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2016.
South WWTP Landscape Buffer Area	Complete	Complete	Project completed – 2 <sup>nd</sup> quarter 2016.

# Status of Other Consent Decree Requirements

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

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

Outreach and Public Awareness Program Plan implementation efforts have been on-going. Public information tools such as the website are being 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 in areas, informational door hangers are also hung on those homes where inspection work will be taking place.

The Program quarterly progress reports have been made available and distributed to the public. Until now, they have been, and still are, posted on the website for the public to download at their convenience and are always distributed to City/Parish and DES staff. The plan is for these reports to continue to be distributed and posted on the website; in addition, the public quarterly progress reports will also be handed out or mailed to anyone who requests them throughout the duration of the SSO Control and Wastewater Facilities Program.

Program communications continue to provide City/Parish residents with time critical information on SSO Program projects, educational information on SSOs, and updates on the status of the Program and related projects. In close collaboration with the Office of the Mayor-President and the Department of Environmental Services (DES), the Program has initiated a construction communication outreach component to complement the Program's current communication activities. The Program Communication Team has designed and distributed a variety of outreach materials. A telephone hotline for residents to call with questions was developed and coordination between the SSO Program and the Parish's 311 call center was established. Additionally, materials including information letters, handouts, and door hangers announcing road closures were developed and are continuing to be distributed. A summary of outreach activities for the quarter follows.

## Public Outreach Summary 3<sup>rd</sup> Quarter 2017 (Through September 30, 2017)

Some of the public outreach initiatives conducted this quarter include:

August 29, 2017: SSO Program representative met with Homeowners Association regarding street condition and future engagement on Barkley Drive.

September 12, 2017: SSO Program representatives attended the Monticello Neighborhood annual meeting.

## DES Communication Initiatives Summary 3<sup>rd</sup> Quarter 2017 (Through September 30, 2017)

Specific efforts included:

### **Public Outreach and Community Engagement**

- Drafted and published related social media content for DES across relevant City-Parish social media platforms (Facebook, with a total post reach of 3,532, and Twitter, with total tweet impressions of 5,514), with content focused around key DES functions and program or service public updates
- Developed initial web content strategy for integrating DES educational material, resources, and ways for the public to engage with DES divisions into a web environment – primarily for wastewater and pretreatment functions – as part of City-Parish website redesign and development initiative
- Conducted three monthly update meetings between DES/SSO Program representatives and Metro Councilmembers and their legislative aides during the months of August and September 2017 to provide

updates on key projects and initiatives within each council district throughout East Baton Rouge Parish and request input or feedback as to how services are being delivered to constituents they each represent

- Developed second iteration of scaled 3D printed model of the South Wastewater Treatment Plant, in collaboration with the East Baton Rouge Parish Library System, to utilize in educational and public outreach settings
- Finalized rebranding strategy for Wastewater Treatment Plans, including final design of diagrams and visuals to support onsite student tours of north and south wastewater treatment plants
- Provided crisis communications and public outreach support for wastewater-related or SSO program/project-related issues as part of DES' ongoing efforts focused on proactive communications and community engagement
- Continued to develop communications and public outreach materials related to August 2016 flooding event (DR-4277)

### **School Outreach Program**

- The DES School Outreach Committee met in August 2017 to review progress to-date of DES' school outreach efforts, kick off the Fall 2017 semester, and set goals and initiatives for the upcoming semester, including:
  - Expanding the size of the School Outreach Committee;
  - Expanding the number of partnerships with elementary, middle, and high schools across East Baton Rouge Parish;
  - Creating a packet of resources and activities that can be distributed to environmental science teachers across East Baton Rouge Parish to promote DES and educate students on the department through experiential learning; see Attachment C;
  - Hosting students and teachers for tours at the Wastewater Treatment Plant; and
  - Holding the 2<sup>nd</sup> Annual America Recycles Competition through which schools across East Baton Rouge Parish will collect recyclable materials throughout October and November to create awareness and instill healthy sustainability practices among Baton Rouge area youth and families. See Attachment C.
- Michael Lowe, Wastewater Treatment Lab Supervisor, met with Metro Council legislative aides to share plans for the upcoming semester and solicit feedback on how the DES School Outreach Committee can better connect with schools in their districts
- DES School Outreach Committee members met with Republic Services to secure participation in Fall 2017 school outreach efforts and gained commitments with partner schools across East Baton Rouge Parish to establish plans for the semester and upcoming recycling competition
- DES School Outreach Committee members met with officials from the East Baton Rouge School System and the Foundation for East Baton Rouge School System to discuss partnership opportunities and ways in which DES can proactively communicate to and engage with students across the parish, building off existing efforts with school outreach.
- DES School Outreach Committee members, in collaboration with the Foundation for East Baton Rouge School System, began planning the 2017 EngineerIt Challenge Day – a competition held in November for students focused on environmental engineering practices and problem solving
- Richanne Caraway, Assistant Manager of Recycling, and other committee members began building web content for a DES School Outreach Program webpage, which when complete will host resources, information on upcoming events, and provide the public with easy ways to reach out to the DES School Outreach Committee and participate in related programs.

Attachment A  
Cool It, Can It, Trash It Water Bill Flyer



# COOL IT CAN IT TRASH IT!

Sewer back-ups create major inconveniences for residents while costing taxpayers millions of dollars each year to compensate affected homeowners and fix damaged sewer pipes. Some key contributors to these back-ups include products that claim to be flushable but are not, such as disposable diapers, cotton balls and swabs, cleaning wipes, latex or rubber, and facial tissue.

When it comes to your sink, fats, oils, and grease are some of the worst offenders. The next time you're cooking with grease, follow these simple steps to dispose of it properly:

1



## COOL IT.

Let grease sit after cooking until it is cool and safe to handle.

2



## CAN IT.

Transfer grease to a disposable container, like an aluminum food can.

3



## TRASH IT.

Put grease into a trash bin and your garbage cart for normal collection.

### DID YOU KNOW?

Flushable wipes are **NOT** flushable and should never be introduced into our sewer system. Your toilet is a trash can – the next time you use it, trash it instead.

### FOR MORE INFORMATION:

Contact the City of Baton Rouge/Parish of East Baton Rouge Department of Environmental Services at (225) 389-4865.



Attachment B  
Third Quarter 2017  
Force Majeure Event Letters



## CERTIFIED- RETURN RECEIPT REQUESTED

DATE: July 5, 2017

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

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

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

FROM: William Daniel, PE, Environmental Services Director  
Department of Environmental Services, City of Baton Rouge and Parish of East Baton Rouge

SUBJECT: City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Update of Force Majeure Event – 2016 August 11 Flood Event: Seventh Amended Declaration of  
Emergency and Administrative Order

Ladies and Gentlemen:

In conformance with the Force Majeure provision included in Section XXII – Force Majeure of the Consent Decree, this letter will serve as an update to the formal notification by the City of Baton Rouge and Parish of East Baton

Rouge (City/Parish) to the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ) that a force majeure event has taken place beginning August 11, 2016.

Rain events beginning August 11, 2016 and continuing through August 14, 2016 resulted in excessive flooding in East Baton Rouge Parish, as well as surrounding parishes such as Livingston Parish and Ascension Parish. The river stages of the Amite and Comite Rivers exceeded the 1983 flood event resulting in loss of life and property. Although originally estimated to have been over 40,000 residents in the greater Baton Rouge area directly impacted by this rain event, the estimate has now increased to over 284,000. Many individuals that work in East Baton Rouge Parish, including State and City-Parish employees, construction contractors, and employees of inspection firms have been impacted and had difficulty returning to work. The average rainfall for the area over the four day rain event was 11 inches. Zachary, located in East Baton Rouge Parish, had just over 26 inches of rainfall. This event has been identified as a 1,000 year rain.

On Friday, August 12, 2016 Governor John Bel Edwards declared a state of emergency for the entire state of Louisiana. This was followed on August 14, 2016, by President Obama signing the Louisiana Disaster Declaration, which declared a major disaster for the State of Louisiana. On September 23, 2016, Dr. Chuck Carr Brown, the secretary of the Louisiana Department of Environmental Quality signed a Second Amended Declaration of Emergency and Administrative Order, to expire September 30, 2016.

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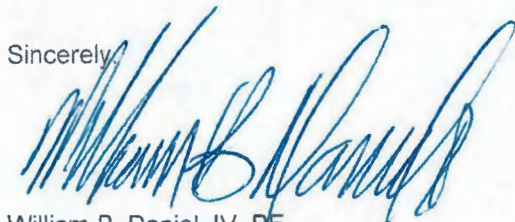
On June 27, 2017, a third extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through July 30, 2017.

All active construction and design SSO Program projects have been impacted by this event, as staff and contractors were directly impacted by the storm and are working to get back to normal operating status.

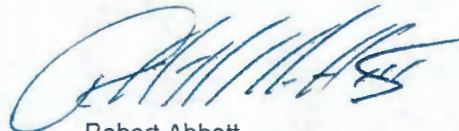
The SSO Program will aggressively pursue resumption of construction when it is deemed appropriate to do so and will provide an update upon completion of the Force Majeure event.

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

Sincerely,



William B. Daniel, IV, PE  
Environmental Services Director



Robert Abbott  
Senior Special Parish Attorney

Cc: Honorable Sharon Weston Broome, Mayor-President  
Marsha Hanlon, Interim Finance Director  
Samuel Coleman, PE, Acting Regional Administrator (Region 6)  
Carlos Zequeira Brinsfield, US EPA (6RC)  
Darlene Whitten-Hill US EPA (6EN)  
Ted Broyles, LDEQ  
Joseph Young, PE, Program Manager, CH2M  
Adam Smith, PE, Department of Environmental Services Chief of Operations & Maintenance



## CERTIFIED- RETURN RECEIPT REQUESTED

DATE: August 1, 2017

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

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

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

FROM: William Daniel, PE, Environmental Services Director  
Department of Environmental Services, City of Baton Rouge and Parish of East Baton Rouge

SUBJECT: City of Baton Rouge and Parish of East Baton Rouge  
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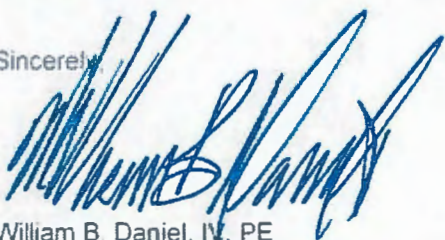
On July 28, 2017, a fourth extension of the Seventh Amended Declaration of Emergency and Administrative Order was signed by Dr. Chuck Carr Brown, extending the order through August 31, 2017.

All active construction and design SSO Program projects have been impacted by this event, as staff and contractors were directly impacted by the storm and are working to get back to normal operating status.

The SSO Program will aggressively pursue resumption of construction when it is deemed appropriate to do so and will provide an update upon completion of the Force Majeure event.

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

Sincerely,



William B. Daniel, IV, PE  
Environmental Services Director



Robert Abbott  
Senior Special Parish Attorney

Cc: Honorable Sharon Weston Broome, Mayor-President  
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STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY

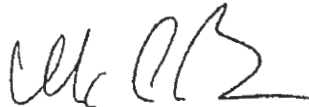
IN THE MATTER OF  
SEVERE WEATHER EVENT  
AUGUST 12, 2016

AGENCY INTEREST NO. 202449

FOURTH EXTENSION OF  
SEVENTH AMENDED DECLARATION OF EMERGENCY AND  
ADMINISTRATIVE ORDER

Pursuant to the authority granted to me by Louisiana Revised Statutes 30:2001 *et seq.*, and particularly La. R.S. 30:2033 and 2011(D)(6), I hereby find that the emergency conditions set forth in the "Seventh Amended Declaration of Emergency and Administrative Order" regarding the severe weather event of August 12, 2016 continue to exist in the Emergency Areas (Parishes of Ascension, East Baton Rouge, and Livingston), and I hereby extend and reissue said declaration of emergency and administrative order, through 11:59 p.m. on August 31, 2017.

DONE AND ORDERED on this 28<sup>th</sup> day of July, 2017, in Baton Rouge, Louisiana.



---

Chuck Carr Brown, Ph.D.  
Secretary



## CERTIFIED- RETURN RECEIPT REQUESTED

DATE: August 31, 2017

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

Ms. Mona Bates (6EN)  
U.S. Environmental Protection Agency, Region 6  
1445 Ross Avenue, Suite 1200  
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Dr. Chuck Carr Brown  
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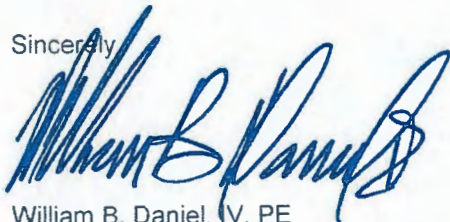
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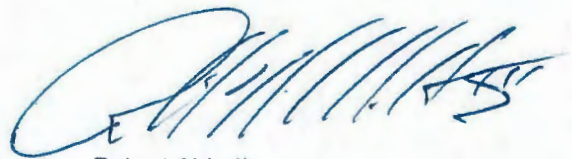
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Sincerely



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Environmental Services Director



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Carlos Zequeira Brinsfield, US EPA (6RC)

Darlene Whitten-Hill US EPA (6EN)

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Attachment C  
DES Created School Outreach Materials



# 2<sup>ND</sup> ANNUAL DES RECYCLING COMPETITION

## INTRODUCTION

### Desired Outcomes

- Students understand the importance of recycling and how to do it
- Students engage in peer-to-peer conversations encouraging others to recycle
- Students learn how to measure and track recycled materials
- Students create a culture of recycling at the school
- Students apply what they learned to improve other areas of study and create long-term recycling habits
- Schools see an opportunity to continue recycling efforts and save money on trash collection

### Resource Commitment

#### Provided by DES and Republic Services:

- DES employee to serve as point of contact
- Bins for classrooms
- 1-2 Rolling carts for halls
- 1 dumpster for school with free weekly pick up provided by Republic Services throughout the competition
- Competition guidelines and educational resources

#### Provided by School:

- Point of contact to coordinate with DES and oversee competition
- Designated class(es), grade(s), or student organization/club to participate in the competition
- Time blocked off for the competition orientation with the DES employee
- Time blocked off each week of the competition to collect materials, measure, and track
- Space to place materials – bins, carts, dumpster (dumpster requires 8 yard space that is accessible to recycling truck)
- Lead wrap up session with students to discuss lessons learned

## **Rules**

- **Supplies**
  - Classroom bins – placed in each participating classroom and have clear plastic bags to make the collection process easy
  - Rolling hallway carts – placed in main corridors for classroom bins to be emptied into
  - Dumpster – placed outside, holds all recyclable materials after they are measured
  - School determines ideal spot for bins, carts, and dumpster
- **Materials**
  - Recyclable materials can only be collected from school (nothing brought from home)
  - ACCEPTED MATERIALS: Paper, plastic, cardboard, tin and steel, aluminum
  - PROHIBITED MATERIALS: Glass, electronics, wood, Styrofoam, food waste, bathroom waste
  - The City has “single stream” recycling which means all materials are mixed together when collected
- **Collecting, Measuring, and Tracking Materials**
  - The competition will run from October 23 – November 17
  - School determines ideal collection/measurement day and all materials are collected each week at this time throughout competition. TBD which day of the week Republic collects this material from the dumpster.
  - As students collect materials from bins, they should make sure all boxes are broken down. Once materials are collected, fill as many of the rolling carts as possible with the clear plastic bags of recyclable materials from the bins. Make sure bags are compacted (pushed down) in the cart.
  - A cart is considered full when it is filled 2-3 inches from the top. Teachers should keep track of the number of full carts throughout the process.
  - Recycled materials should be deposited in the dumpster and bins and carts are replaced in designated locations.
- **Prize**
  - Each school will be competing against other schools across East Baton Rouge Parrish
  - At the conclusion of the competition, teachers must submit their final results to their DES contact
  - Results will be tallied and the winning school will be presented with a framed certificate from the Mayor at a school-wide event and get recognition in press releases and social media posts from DES and the Mayor’s office



## COMPETITION TIMELINE

Phase	Timeline	Details
Preparation	September 25 - October 6	<ul style="list-style-type: none"> <li>• School determines lead teacher</li> <li>• DES employee and lead teacher meet to discuss competition               <ul style="list-style-type: none"> <li>○ Understand what the school currently does to recycle and identify materials they need</li> <li>○ Go over the purpose, materials, rules, timeline, etc.</li> <li>○ Determine what grades and classes (or student organization) will be involved</li> <li>○ Discuss the need to block off time each week of the contest to collect materials</li> <li>○ Determine best day/time orientation and wrap up sessions with DES employees (school assembly time?)</li> <li>○ Determine if they want the field trip to be included</li> </ul> </li> <li>• Meeting follow-up               <ul style="list-style-type: none"> <li>○ Republic delivers materials to school (bins, carts, dumpster, educational materials)</li> <li>○ Lead teacher collects materials required to be provided by the school</li> <li>○ Optional: Lead teacher recruits other classes/grades to be involved and educates teachers on the effort</li> <li>○ Lead teacher coordinates schedule needs for the placement of bins/carts/dumpster, collection days, and sessions with DES employees (orientation and wrap up)</li> </ul> </li> </ul>
Orientation	October 9 - 20	<p><b>1-hour session with DES employee and students</b></p> <ul style="list-style-type: none"> <li>• Overview of DES</li> <li>• Why is recycling important?</li> <li>• Basic recycling education               <ul style="list-style-type: none"> <li>○ What can be recycled?</li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>○ What can't be recycled?</li> <li>○ What happens to recycled material?</li> <li>• Resources <ul style="list-style-type: none"> <li>○ Green Guides and recycling resources</li> </ul> </li> <li>• Competition overview <ul style="list-style-type: none"> <li>○ Rules, process, prize</li> </ul> </li> </ul>
Competition Begins	October 23	<b>Begin collecting materials</b>
Weekly Collection and Measurement	October 27, November 3, November 10, November 17	<b>Process</b> <ul style="list-style-type: none"> <li>• Collect all recyclable materials</li> <li>• Place bags in rolling carts</li> <li>• Count full carts and track results</li> <li>• Replace empty bins</li> <li>• Place recyclable materials in dumpster</li> </ul>
Competition Ends	November 17	<b>Stop collecting materials</b> <ul style="list-style-type: none"> <li>• Teach tallies final results and submits to DES</li> </ul>
Wrap Up	Post-Thanksgiving Break	<b>1-hour session led by teacher</b> <ul style="list-style-type: none"> <li>• Announce final results</li> <li>• Discuss lessons learned throughout competition</li> <li>• Discuss how to apply what students learned at home</li> </ul> <b>Project wrap up with school and DES</b> <ul style="list-style-type: none"> <li>• School and DES discuss opportunities to continue</li> <li>• DES/Republic coordinates pick up of bins, carts, and dumpster</li> </ul>





**DES**  
DEPT. OF ENVIRONMENTAL SERVICES

# LESSON PACKET



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**DEPARTMENT OF ENVIRONMENTAL SERVICES**  
**CITY OF BATON ROUGE, PARISH EAST BATON ROUGE**

**OUR SERVICES**

The Baton Rouge Department of Environmental Services (DES) serves as one of the largest agencies within the City of Baton Rouge, Parish of East Baton Rouge (City-Parish) government and is tasked with overseeing the delivery of some of the most critical and visible public services provided to Baton Rouge residents. From taking a shower and brushing their teeth, to flushing a toilet or walking outside to find that their garbage and recycling has been collected, Baton Rouge residents interact with the services we provide from the moment they wake up until the time they go to sleep.

In addition to daily oversight of all East Baton Rouge Parish sewer and wastewater system operations, DES is responsible for managing the continued implementation and completion of the Sanitary Sewer Overflow Program – one of the largest capital programs in East Baton Rouge Parish history focused on the rehabilitation of our parish-wide wastewater system, scheduled for completion in December 2018.

**OUR MISSION**

To serve and protect the community and environment in East Baton Rouge Parish by responsibly managing wastewater, solid waste, and recycling through our solution-oriented employees, who are committed to outstanding customer service.

**OUR VISION**

We deliver outstanding services to our citizens, as efficiently as possible, while maintaining pristine levels of regulatory compliance – all through innovative approaches to teamwork and service delivery.

WASTEWATER	GARBAGE	RECYCLING	ENVIRONMENTAL
Wastewater collection operations, pump stations	Twice-a-week garbage cart collection, once-a-week bulky trash collection	Once-a-week recycling cart collection, bulky recyclables collection	Regulatory compliance and oversight in the enforcement of parish-wide ordinances for wastewater, solid waste, and storm water
Management of the wastewater treatment plants and labs	Garbage cart maintenance and replacement	Recycling cart maintenance and replacement	Pretreatment program (reduction of harmful substances entering EBR wastewater system)
Sewer engineering support and management of outside contractors for special wastewater projects	North Landfill management and operations, located at 16001 Samuels Road	Recycling and sustainability outreach and education programs	Coordination with state and federal regulatory agencies
[225] 389-4865	[225] 389-4813	[225] 389-5194	[225] 389-5623



## GET IN TOUCH:



Contact us any time Monday through Friday, 8:00 a.m. to 5:00 p.m., by calling the DES Director's Office at **(225) 389-4865**



Email us with general feedback, questions, or complaints at **des@brgov.com**

For service requests such as missed garbage or recycling collection, sewer back-ups, manhole issues and more, please contact our **311** Call Center by dialing 3-1-1, visiting **311.brla.gov**, or downloading our free **Red Stick 311** mobile app onto your Apple or Android device

## IN FOCUS:

### DES SCHOOL OUTREACH PROGRAM

DES' School Outreach Program helps the department maintain a broader reach in the community by partnering with elementary, middle, and high schools in various areas throughout Baton Rouge. The objectives of this program are to:

- Promote cooperation, shared resources, and the exchange of expertise and services between DES and East Baton Rouge Parish schools
- Improve academic outcomes by providing experiential, project-based learning activities
- Provide students with the opportunity to relate their studies to experience outside the school environment
- Acknowledge and support teachers in the STEM fields

To achieve these outcomes, DES employees regularly team up with partner schools across East Baton Rouge Parish to lead classroom activities, put on a recycling competition, host field trips at DES facilities, and facilitate presentations showcasing the operations of the department. For more information and for students, teachers, or school administrators interested in participating in the DES School Outreach Program, please call **(225) 389-4865**.

# LESSON: COMPOSTING

## INTRODUCTION

Composting is a process in which plant waste material such as grass clippings, leaves, and plant-based table scraps are decomposed into a material that resembles fresh soil and can be used to fertilize yards and gardens. In this activity, students will learn the basic procedure for starting and maintaining a compost pile with the goal of converting yard wastes and vegetable-based table scraps into an inexpensive and effective soil conditioner.

<b>LESSON OVERVIEW</b>		
	<b>Length:</b> 6-8 weeks	
	<b>Objectives:</b>	
	After completing this lesson, students will be able to:	
	1. Discuss how to setup and maintain a productive composting pile or bin in order to convert yard wastes and other plant-based material into compost for use as fertilizer.	
	2. Appreciate the importance of returning the nutrients remaining in organic waste material back into the environment rather than sending them to a landfill.	
	<b>Materials Needed:</b>	
	<ul style="list-style-type: none"><li>• Shovel or pitchfork</li><li>• Water source and hose</li><li>• Soil thermometer</li><li>• Commercially manufactured compost bin</li></ul>	
	<b>OR:</b>	
	- 4-3ft tall wooden or metal stakes	
	- 16ft to 20ft length of 3ft high wire fencing	
	- String or plastic tie wraps to attach fencing to stakes	
	<b>Assessment:</b>	
	Students will be assessed through the following activities:	
	1. Quality of record keeping.	
	2. Small group and class discussion.	



## LESSON BACKGROUND

### Information

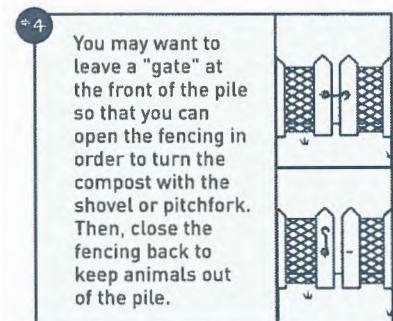
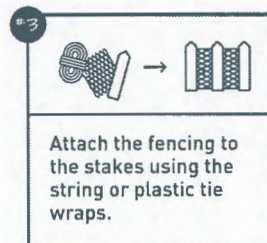
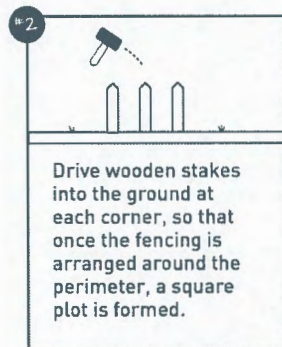
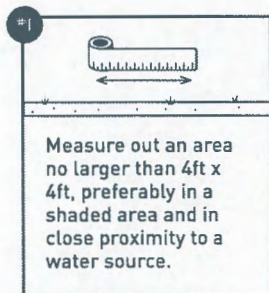
In order to facilitate the breakdown of organic material by bacteria and other organisms into compost, the right conditions must be maintained. The compost material should be kept moist throughout the process and never be allowed to completely dry out. Also, as the organisms decompose the organic material, the temperature within the compost will rise as high as 175°F, but as the organic material becomes less available, the temperature will drop back down to ambient temperature. In order to make sure that the decomposition is occurring constantly, the temperature will need to be monitored and the compost pile will need to be “turned over” frequently to ensure proper mixing and dispersion of food for the organisms within the pile.

## PROCEDURE

### Getting Set Up

Composting can be successfully accomplished in a commercially manufactured compost “bin”, or a simple, fenced-in compost pile, as long as the pile is not too large. Composting is an “aerobic” process, meaning that plenty of oxygen is needed for the organisms to efficiently metabolize the organic material. Commercial compost bins are usually ideal size, with holes in the side for ventilation. Fenced in compost piles should be small enough, usually no larger than 4’ x 4’, so that plenty of oxygen can reach the center of the pile.

MAKE YOUR OWN COMPOSTING AREA BY FOLLOWING THESE INSTRUCTIONS:



### Add Organic Material

Once your compost bin or fencing is set up, you can begin to add organic material to be composted. Yard wastes, such as dried leaves and grass clippings are ideal as well as small twigs, shredded straw or hay, and any vegetable-based scraps left over from food preparation. Manure and soil can also be added at the beginning and mixed in to help get the decomposition process started as these will contain some of the organisms required. Carbon and nitrogen are two very important elements required for microbial decomposition. As a rule of thumb, brown, carbon-rich material such as dried leaves should be mixed with green, nitrogen-rich material in a ratio of 2 to 1 to provide an ideal mixture for composting. Add new material to be composted for the first few weeks of the process. After 3-4 weeks, any new material to be composted should be added to a new compost pile in order to maintain a consistent texture within the compost. Avoid animal products such as meats and dairy products and any animal wastes.



## Monitor and Keep Records

Check the compost daily, maintaining enough moisture so that the compost is slightly damp, like a wringed cloth, but not soaking wet. Take the temperature of the center of the compost and record it in a daily log book. When the decomposition is active, the temperature within the compost will be elevated well above ambient temperature (110°F – 150°F). When the temperature within the compost begins to steadily decrease, the compost should be mixed well to redistribute the food for the organisms within the pile. Keep a record of when the compost pile is mixed as well as the appearance of the compost as the decomposition progresses.

## When is the Composting Complete?

When the temperature stops rising after the compost is turned, this means that most of the organic material has been metabolized and there is nothing left for the organisms to break down. The compost will have a dark color and a crumbly soil-like texture. Use the finished compost to fertilize plants and trees, help retain moisture in gardens, and help prevent weed growth.

## DISCUSSION

What changes in the composting material did you observe over the course of the activity? How might less-frequent turning or less watering have changed the results? What do you think would have happened to the outcome if a different mixture ratio of green to brown items would have been used? How could the process be sped up or slowed down?

### Extensions

Compile a report from the results of this activity and present them to the larger school community and beyond. Research and implement a community-wide composting effort. Package and sell the finished compost at a local farmer's market to raise funds for your school.

## CONCLUSION

Discuss how organisms break down organic material and what role water, oxygen, and heat have in the process. How is composting similar to our own metabolism? Discuss how composting helps keep materials out of landfills by recycling nutrients back into the environment.



# WORKSHEET 1

## DAILY COMPOSTING RECORD



DAY	TIME	TEMPERATURE AT CENTER (°F)	MATERIAL ADDED	APPEARANCE

# LESSON: FOG (FATS, OIL, AND GREASE)

## INTRODUCTION


When water is drained from a restaurant sink, dishwasher, or clothes washer, that water can contain a variety of substances that can potentially cause major problems in a city's municipal sewer system. Fats, oils, and grease, (FOG) will flow like liquid when warm. But once cooled, these substances can harden within sewer lines, causing massive clogs that require personnel to find and remove the clogs so that wastewater can once again flow freely through the piping. In this lesson, students will investigate how a sewer clog is formed by fats, oils, and grease, as well as understand the importance of educating the public in order to prevent the release of substances that would normally clog a municipal sewer system from entering the system piping, maintaining a constant flow and preventing messy and potentially expensive sewer clogs.

## LESSON BACKGROUND


### Information:

Fats, oils, and grease are substances commonly used in cooking and with the increasing popularity of in-sink, food-grinding disposals, these substances are being disposed of in municipal sewer systems more frequently. When warm, fats and grease are usually in the liquid form and flow, along with the water, easily down the drain. But when these substances cool down, usually after they have travelled some distance down the drainage piping, they begin to solidify and trap other substances within the "grease ball", eventually causing a partial or even complete blockage within the city's sewer drain piping. This blockage can cause wastewater to back up into surrounding streets, yards, or even inside homes. City personnel must locate and remove clogs, a process that can be very expensive and time consuming. To demonstrate how a clog can form from cooling fats and grease within drainage piping, students can pour warmed grease down a length of piping and allow the grease to cool, observing the solid build-up that results.


## PROCEDURE

1 


Measure 2 cups shortening & place into the liter beaker.

2 


Place the beaker on a hot plate (set on LOW setting) and warm just until all of the shortening is liquefied

3 

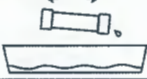
Allow the shortening to cool in the beaker until it starts to turn cloudy & begins to solidify where it is touching the glass. Placing the beaker in a bucket of ice or cool water can speed up this process.

4 


Place one end of the drainage pipe over the plastic storage bin in order to catch any liquefied shortening that drains all the way through the pipe. Tilt the pipe so that the end over the plastic bin is slightly lower than the opposite end.

5 


Slowly pour the liquefied shortening (in small amounts at a time) into the open end of the drainage pipe that is higher so that the shortening slowly progresses down the pipe toward the plastic bin.

6 

Raise, lower, and turn the pipe so that the shortening stays in the pipe for the maximum amount of time and cools within the length of pipe. The shortening should start to cool and solidify.

7 

Repeat using the remaining liquefied grease until all of the liquefied shortening has been poured into the pipe.

8 

Observe the inside of the pipe, the plastic bin, as well as the beaker.





## DISCUSSION

1. What happened to the inside of the pipe and the plastic bin when the shortening was poured through? Was any of the shortening left in the beaker?
2. In your own words, describe how, over time, pouring grease down the drain could cause problems in the sewer drainage system.
3. How would other items such as hair or trash mixing with the grease affect the piping? Would it slow down or speed up the clogging process?
4. Sending hot water down the drain could cause solidified grease to re-liquefy. Would this solve the problem, or just relocate it?

### Extensions:

1. What steps could be taken to educate the public on this topic and discourage people from releasing FOG into the sewer system? Create a public service campaign to get the word out to your local community and help keep your municipal sewer system clear and flowing freely. Make a plan to present your ideas to your local city council.
2. Relate what you've learned about grease and pipes to what happens when we eat fatty foods and the grease and oils from the food is absorbed into our bloodstream. What effect could fatty deposits in our blood vessels have on the movement of blood throughout the body?

## CONCLUSION

Fats, oils, and grease released into the city's municipal sewer system can cause major problems and have high costs in both man hours and tax-payer money to repair. Educating the public is essential to making the community aware of the potential hazards that FOG presents to sewer piping and equipment. Take what you learned from this lesson and start a discussion at home and in your local community about what should and shouldn't be introduced into the city's sewer system.

# LESSON: SOIL POLLUTION & PLANT GROWTH

## INTRODUCTION

Like animals, plants require certain substances in order to survive. Plants require nutrients from soil, sunlight, water and carbon dioxide for photosynthesis, as well as oxygen for respiration. Any shortage of any one of these substances or introduction of a different substance, such as a pollutant, can have negative effects on the plant's growth and survival. Pollutants can include a variety of chemicals mixed with the air, soil, or water. Different pollutants will affect plants in different ways. In this activity, students will explore the effects of a variety of pollutants on the growth and overall health of plants as they are exposed over a period of time.

### LESSON OVERVIEW

**Length:** 1 – 3 weeks

**Objectives:**

After completing this lesson, students will be able to:

1. Discuss how exposure to various pollutants over time might affect the growth and overall health of plants.
2. Appreciate the importance of removing potential pollutants from wastewater prior to discharge into the environment.

**Materials Needed:**

- Possible pollutants:
  - Oil (petroleum based)
  - Oil (vegetable based)
  - Vinegar
  - Table salt
  - Coffee grounds
  - Baking soda
- 2 1-gallon flower pots (for control)
- 2 1-gallon flower pots for each pollutant
- Potting soil
- Watering cans (one for each pollutant)
- Sunflower seedlings (at least six inches tall)
- Sufficient sunlight (or capable artificial lighting with timer)

**Assessment**

Students will be assessed through the following activities:

1. Small group and class discussion.



## LESSON BACKGROUND

### Information

Discuss with the class the general processes of photosynthesis and respiration as well as what plants need for normal growth. Highlight the importance of water and how water that might be polluted, such as wastewater or storm water runoff, may harm plant growth. Discuss different ways pollutants might be introduced into the environment and eventually may find their way into wastewater or storm water runoff which ultimately may end up in major waterways used for agriculture.

## CONCLUSIONS

### Did the assigned pollutant have any effect on the growth of the plant?

Were the results of the experiment consistent with what you may have predicted prior to the test? Besides being harmful to plants, how may pollutants affect the overall ecosystem in the area where the pollutant was introduced and beyond? Discuss ways that the public may be made aware of common household pollutants and their effects on the environment in order to keep these pollutants from being introduced to the environment through a municipal wastewater system or from storm water runoff from homes, farms, industry, businesses, etc. (Use a separate piece of paper if necessary.)



# PLANT GROWTH OBSERVATION WORKSHEET

DAY	DATE	HEIGHT (CM)	CHANGES IN APPEARANCE

# LESSON: RECYCLING

## INTRODUCTION

As of January 2017, the population of the U.S. stood at 324,420,000 people. If each person averages four pounds of trash per day then, as a country, we generate in excess of 236 million tons of trash per year. This is more than any other country in the world and the majority of this trash ends up in landfills where it is buried over and over again and left to decompose for, in the case of some materials, centuries or even millennia. Recycling, the act of re-using materials instead of throwing them into landfills, could significantly reduce the amount of trash that is ultimately left to slowly decompose in landfills as well as reduce the need and energy required to produce the raw materials that many products are made of such as plastics and aluminum.

In this lesson, students will explore what materials are able to be recycled and the benefits of recycling instead of disposal in a landfill. Students will get a sense of the amount of trash they produce over the course of one week and how much of that trash can be recycled.

	<b>LESSON OVERVIEW</b>	
○	<b>Length:</b> 1 week	
	<b>Objectives:</b>	
	After completing this lesson, students will be able to:	
	1. Discuss the benefits of recycling as well as what materials can and cannot be recycled.	
	2. Appreciate the impact of reducing the amount of trash entering the landfill.	
	<b>Materials Needed:</b>	
	• Kitchen trash bags or bins (2 - one for landfill trash, and one for recyclables).	
	• Record to keep track of trash produced daily (Worksheet 1)	
○	• List of items that can be recycled (Visit <a href="http://brgov.com/recycle">brgov.com/recycle</a> to download list)	
	• List of items that cannot be recycled (Visit <a href="http://brgov.com/recycle">brgov.com/recycle</a> to download list)	
	• Bathroom scale (or other scale capable of weighing items up to 20 lbs)	
	• Calculator	
	<b>Assessment:</b>	
	Students will be assessed through the following activities	
	1. Small group and class discussion	



## LESSON BACKGROUND

### Information:

Discuss with the class what it means to recycle materials instead of manufacturing them from scratch. Students should become familiar with the materials that are able to be recycled as well as the materials that should not be (see above hyperlinks in the materials section). Have students research the amount of energy that can be saved by recycling various materials such as glass, plastics, aluminum, and paper as opposed to producing new materials.

## PROCEDURE

**Note:** This activity can be performed in the classroom, at the students' homes, or both locations at the same time.

1. Beginning with the first day of the test week, decide if items to be thrown away are going in the trash (destined for the land fill) or in the recycling container. Place them in the appropriate container depending on whether they are items that can be recycled or items that are destined for the landfill (trash).
2. Keep track of the weight of the trash and the recyclables generated in your household on a daily basis for one week by weighing both separately and recording the weights at the end of the day on Worksheet 1.
3. Keep track of the number of items from each recyclable category by placing a mark for each item in the appropriate space.
4. At the end of the week, combine the totals from your household with the totals from the other students in the class to see how much material was sent to the landfill and how much material was kept out to be recycled.

## DISCUSSION

- What percentage of the total trash generated in each household (as well as the class combined total) over the course of the week was found to be recyclable?
- Multiply each household's total weight for the week by 52 (the number of weeks in a year) to see how much trash and recyclables could potentially be generated by each household over the course of one year.
- Add the calculated total yearly weights for the class as a whole to see how much trash and recyclables would be generated by the class over the course of one year.
- Using the average amounts of energy expended to manufacture raw materials (researched in the previous section under lesson background), determine the amount of energy that could be saved each year, on average, by recycling daily.

### Extensions:

- Using the results from this classroom activity, put together a presentation or printed document that can be used to educate the rest of the school and community about the benefits of recycling. Present the results to your city-council and urge them to start a recycling program in your community if there is not one already in place.
- Research the amount of time that it takes for the various types of recyclable materials to decompose in a landfill.
- Discuss other methods of recycling, such as composting, to recycle organic material back into soil that can be used to feed plants and produce vegetables.
- Visit a local materials recycling facility, or MRF, to learn more and experience first-hand how materials collected for recycling are sorted, packaged, and prepared to be recycled.

## CONCLUSION

How did the results of this activity compare to what you may have expected going into the activity? Discuss how each individual household's results compare to the combined class results. Now, consider how those results would look if you took the entire population of the U.S. or perhaps the world into account. Do you think that recycling is becoming increasingly important as the world's population increases? What can you do to encourage your household, school, or local community to participate in recycling?



# WORKSHEET



**Note:** If possible, try to obtain a daily weight measurement. However, it may be necessary to wait more than one day before weighing trash or recyclables to build up an amount that will register a measurable weight on the scale.

DAY	WEIGHT OF TRASH (LBS)	WEIGHT OF RECYCABLES (LBS)	CONTENT: PLASTICS/ PAPER/CANS/GLASS

# LESSON: WATER FILTERING

## INTRODUCTION

This lesson will introduce students to the concepts of water pollution and access to clean water through class discussion and a water filtration experiment.

**Note:** The filtration methods used in this activity are a simple demonstration and the water should not be considered safe for drinking.

### LESSON OVERVIEW

**Target Audience:** High school

**Length:** 1 class period

**Objectives:**

After completing this lesson, students will be able to:

- Understand the issues of water pollution and the importance of access to clean water.
- Experiment with filtering various substances from water by making their own simple water filters.
- Observe and draw conclusions based on their experiment.

**Materials Needed:**

- Chalkboard or whiteboard (for the instructor)
- Empty 1-liter soda bottle (for each student or small group of students)
  - These should be pre-cut in half by an adult (see preparation instructions below)
- Filtration materials, such as:
  - Napkins
  - Sand
  - Cotton Balls

(The students can choose the amount of each piece of filtration material needed)

(CONTINUED ON NEXT PAGE)





	<b>LESSON OVERVIEW (CONTINUED)</b>	
○	<ul style="list-style-type: none"><li>Materials to be used as "pollution," such as:</li></ul>	
	- Sequins and Glitter (approximately two tablespoons per liter of pollution)	
	- Food coloring (any color, two drops per liter of pollution)	
	- Fibers (from shredded cotton balls)	
	- Use any of the above, or any other materials you may have	
	(Pollution can be "pre-mixed" by instructor ahead of the activity to save time)	
	<ul style="list-style-type: none"><li>Cup or other container (about 1 liter) for mixing the "polluted water." (Omit if pollution is "pre-mixed")</li></ul>	
	<ul style="list-style-type: none"><li>Paper towels or napkins for clean-up</li></ul>	
	<ul style="list-style-type: none"><li>Worksheet #1 – Water Filter Procedure (one for each student or small group of students)</li></ul>	
○	<ul style="list-style-type: none"><li>Worksheet #2 – Water Filter Lab Worksheet (one for each student)</li></ul>	
	<b>Assessment</b>	
	Students will be assessed through the following activities:	
	<ul style="list-style-type: none"><li>Participation and contribution to class discussion</li></ul>	
	<ul style="list-style-type: none"><li>Participation in Water Filter Activity</li></ul>	
	<ul style="list-style-type: none"><li>Completion of Worksheet #2 – Water Filter Lab Worksheet</li></ul>	
○		



## LESSON BACKGROUND

### Relevant Vocabulary:

**Pollution:** Unnatural or harmful substances

**Filtration:** The process of removing matter from a liquid by means of porous media (materials with holes, various-sized)

### Information:

Although Earth over 70% of Earth's surface is covered with water, only about 3% of the water on our planet is not salt water. Of this tiny amount of freshwater, much is locked up in ice and glaciers. Of the remaining water, less and less is available to humans because of rising populations and increased pollution. Everyone on Earth must share the same water continuously cycling through, and we are all connected by watersheds. Almost everyone in the United States is used to having clean water anytime, at the turn of a faucet. Most of the world's people are not so lucky, and must obtain water from a variety of sources. Many of these water sources contain pollution of some form, whether it is bacteria and microorganisms, chemicals, toxins, waste, litter, or other substances and materials.

### Resources:

<https://water.usgs.gov/owq/>

<http://www.earthday.org/>

<http://waterwatch.usgs.gov/wqwatch/>

<http://pbskids.org/zoom>

### Preparation:

5. Before the lesson, the 2-liter bottles should be pre-cut for each student or small group of students.
  - Cut circumferentially around the bottle about 1/2 or 1/3 of the way down.
  - Keep both pieces together and set aside for activity.
6. To prepare pollution:
  - Mix a combination of approximately 2 tablespoons of glitter (large and small) and fibers from a shredded cotton l.
  - ball with one liter of water. Add two drops of food coloring and mix well.

## PROCEDURE

### Warm-Up: Water in Your Life

1. Begin this lesson by discussing with your class the importance of water in our daily lives. Have your students brainstorm how many times today they have used water, and write their answers on the board.

**Examples:** drinking, flushing the toilet, taking a bath or shower, brushing teeth, watering yard or garden, washing dishes, filling a pet's water dish or fish tank, cleaning, doing laundry, swimming, fishing, etc.



## ACTIVITY ONE: WATER, WATER, EVERYWHERE?

Lead students in a discussion about the overall scarcity of clean water on our planet, and the impact this has on humans around the world:

- a. Although Earth is covered with water (over 70% of Earth's surface), only about 3% of the water on our planet is not saltwater. Of this tiny amount of freshwater, much is locked up in ice and glaciers, and of the remainder, less and less is available to humans because of rising populations and increased pollution.
- b. What are some sources of water pollution? Oil spills, bacteria and other organisms, toxic chemicals, litter, run-off from city streets, industrial waste, human waste, agricultural waste, etc.
- c. In the United States, we are lucky to have sources of freshwater, and sanitation facilities and water treatment plants to clean our water. We are also lucky that most of us have running water in our homes, schools and other buildings, and we can access clean water any time of day.
- d. What would you do if you turned on your faucet at home, and no water came out? Where would you find water? Think of nearby bodies of water in your area. Is there a stream or river? A lake? The ocean?
- e. What do these places look like? Could you drink the water? Cook with it? Bathe with it? Feed your pet?
- f. Many people around the world do not have running water in their homes, or even access to clean water. They must gather water from sources near their homes such as communal wells, sewers, rivers, streams, ponds, lakes or swamps. What do you think they find in this water? Fish, plants and other wildlife, trash, wastes, chemicals etc.
- g. Depending on where they live, there could be all kinds of things in their water.

## ACTIVITY TWO: WATER FILTER ACTIVITY

1. Break students into small groups, and pass out Worksheet #1 – Water Filter Procedure (one for each student, or one for each lab group) and Worksheet #2 – Water Filter Lab Worksheet (one for each student). Distribute lab supplies to each station (2-liter soda bottle pre-cut in half, filtration materials, "pollution" materials).
2. Have students discuss within their groups about the types of pollution they discussed in the first activity. How could they represent these with the materials provided? Ask some of the groups to share their ideas aloud with the class.
3. Have each group follow the procedure outlined in Worksheet #1 – Water Filter Procedure and complete Worksheet #2 – Water Filter Lab Worksheet.
4. Clean up.



## DISCUSSION

1. Have your students imagine again that they have no running water and no water treatment facilities, and they must collect water from sources near their homes. What might this water look like, taste like, smell like, etc? Would they like to use this water for drinking, cleaning, cooking, etc.?
2. Based on the water filter activity, how would they design a water filter to clean the water they would be using?
  - What pollutants would they need to filter out?
  - What materials would they use to filter each kind of pollutant?
  - Are there any pollutants that they were not able to filter out with their hand-made filters?
  - Even if the water looked clean, is it possible that the water was still undrinkable?
  - How might they remove contaminants from the water that cannot be filtered out?
  - Would they feel safe and comfortable using and drinking the water after using a homemade filter? Would they get sick?
3. Think about microscopic organisms that are too tiny to see and possibly too small to filter. Also, think about contaminants that are dissolved in the water and thus would be difficult to filter. How do water treatment plants and sanitation facilities solve this problem? [Example: They use chemical cleaners to treat the water.]
4. Remind your students that, although most citizens in the United States generally have reliable access to clean water, many people around the world are not so lucky and must collect and clean their own water. In addition, conditions such as drought, pollution, increased population and unequal distribution of natural resources threaten Earth's water supply. This makes it necessary for each of us to conserve water and find ways to reduce our daily water usage.

### Extensions: Building a Water Filter and Learning About Your Area's Water!

1. Have students design a water filter they would use if they had to, including drawings. How much would a filter like this cost? Would it be hard or easy to make? Do they have access to all of these materials?
2. Take a field trip to a water treatment facility! Find out more about the filtration process and other steps involved in purification.

## CONCLUSION

After completing this lesson, students will be more familiar with the issues of water pollution and access to clean water. Through experimentation with a simple, handmade water filter, they will have an idea of some methods of filtration.



## WORKSHEET #1

# WATER FILTER PROCEDURE



### **Make Your Water Filter:**

1. Place the top half of the soda bottle upside-down (like a funnel) inside the bottom half. (Make sure the cap is off). The top half will be the filter and the bottom half will hold the filtered water.
2. Layer the filter materials (sand, gravel, napkins, cotton balls, etc.) inside the top half of the bottle.

### **Observe Your Pollution:**

3. Predict what type of "pollution" might be removed by each layer of the filter materials. Write down your predictions on your worksheet.

### **Filter Your Water and Make Observations:**

4. Pour "half" the polluted water through the filter.
5. Observe what the filtered water looks like.
6. Take apart your filter and look at each of the different layers. Can you tell what each material filtered from the water? Write down the results on your worksheet.

### **Try it Again:**

7. Empty the bottle, throw out the filter materials, and wipe out the bottle.
8. Try it again! See if you can make the filtered water even cleaner! Try putting materials in different layers or try using different amounts of each material.
9. What do you think you could do to improve your filter next time?



## WORKSHEET #2

# WATER FILTER LAB

### Make Your Water Filter

1. Draw and label the layers in your filter in the space below:

--

### Make Your Pollution

2. Write your predictions of what type of "pollution" might be removed by each layer of the filter materials:

#### Filter Layer 1:

Filter material	
Pollution filtered out	

#### Filter Layer 2:

Filter material	
Pollution filtered out	

#### Filter Layer 3:

Filter material	
Pollution filtered out	

#### Filter Layer 4:

Filter material	
Pollution filtered out	



## Filter Your Water and Make Observations

Write your observations of the filtered water here:

It looks:
Color:
Transparency:
Smell:

Does this water seem like it could be drinkable?:    YES    NO

Were your predictions about the filter layers correct? If no, why not? Explain below:

Filter Layer 1:
Filter Layer 2:
Filter Layer 3:
Filter Layer 4:

## Try it Again:

3. What do you think you could do to improve your filter next time?

--

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
July 1 - Sept 30, 2017**

Summary of Activities	1st Quarter (60)		2nd Quarter (61)		3rd Quarter (62)		4th Quarter (63)		Totals		
	60th Quarterly Total	Cum. % Complete	61th Quarterly Total	Cum. % Complete	62th Quarterly Total	Cum. % Complete	63th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>											
Lines Cleaned (ft)	139,119	24%	154,723	52%	184,132	84%	0	84%	477,974	84%	570,000
CCTV Inspected (ft)	139,828	25%	164,323	53%	190,552	87%	0	87%	494,703	87%	570,000
Smoke Tested (ft)	31,464		32,409		190,648		0		254,521		----
Smoke Tested (no. of locations)	3		0		0		0		3		----
Dye Water Flooded (no. of locations)	0		0		0		0		0		----
Manholes Inspected (no.)	298	12%	412	28%	377	43%	0	43%	1,087	43%	2,500
Lines Repaired (no.)	205		189		199		0		593		----
MH Rehabbed (no.)	411		513		283		0		1,207		----
<b>Force Mains (240 miles)</b>											
Visual Surface Inspection (miles)	63.8	53%	52.0	97%	61.4	148%	0.0	148%	177.2	148%	120
Repaired (no.)	9		11		0		0		20		----
<b>Air Release Valves (604)</b>											
Inspected/Maintained	319	33%	260	60%	307	92%	0	92%	886	92%	960 to 1,200
Repaired (no.)	129		101		128		0		358		----
<b>Pump &amp; Lift Stations (421)</b>											
Inspections (no.)	18,330	41%	18,434	81%	18,330	122%	0	122%	55,094	122%	45,136
Wet wells cleaned	208		240		115		0		563		----
Repaired (no.)	25		23		24		0		72		----
<b>Peak Flow Storage Facilities (2)</b>											
Little Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104
Big Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104

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

25%

50%

75%

100%



**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
**July 1 - Sept. 30, 2017**

**North Plant- LA0036439**

Summary of Activities	1st Quarter (EPA Report No. 60)							2nd Quarter (EPA Report No. 61)									
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>																	
Lines Cleaned (ft)						67,313	67,313	12%							49,783	49,783	21%
CCTV Inspected (ft)						69,909	69,909	12%							51,034	51,034	21%
Smoke Tested (ft)						4,182	4,182										
Smoke Tested (no. of locations)							0								0		
Dye Water Flooded (no. of locations)							0								0		
Manholes Inspected (no.)						47	47	2%							135	135	7%
Lines Repaired (no.)						31	31								20	20	
MH Rehabbed (no.)						318	318								24	24	
<b>Force Mains (120 miles)</b>																	
Visual Surface Inspection (miles)			37.2				37.2	31%			37.2				37	62%	
Repaired (no.)						1	1								0		
<b>Air Release Valves (335)</b>																	
Inspected/Maintained			186				186	19%			186				186	39%	
Repaired (no.)				71			71					69			69		
<b>Pump &amp; Lift Stations (141)</b>																	
Inspections (no.)			6,591				6,591	15%			6,617				6,617	29%	
Wet wells cleaned			80				80				113				113		
Repaired (no.)				13			13					10			10		

Rout.-Routine Maintenance  
 Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
**July 1 - Sept. 30, 2017**

**North Plant- LA0036439**

Summary of Activities	3rd Quarter (EPA Report No. 62)							4th Quarter (EPA Report No.63)								
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)		
<b>Gravity Collection System</b> <b>(2,460,000ft/10,640MH)</b>																
Lines Cleaned (ft)						70,179	70,179	33%							0	33%
CCTV Inspected (ft)						70,179	70,179	34%							0	34%
Smoke Tested (ft)						70,792	70,792								0	
Smoke Tested (no. of locations)							0								0	
Dye Water Flooded (no. of locations)							0								0	
Manholes Inspected (no.)						70	70	10%							0	10%
Lines Repaired (no.)						52	52								0	
MH Rehabbed (no.)							0								0	
							0								0	
<b>Force Mains (120 miles)</b>							0								0	
Visual Surface Inspection (miles)			43.2				43	98%							0	98%
Repaired (no.)							0								0	
							0								0	
<b>Air Release Valves (335)</b>							0								0	
Inspected/Maintained			216				216	61%							0	61%
Repaired (no.)				94			94								0	
							0								0	
<b>Pump &amp; Lift Stations (141)</b>							0								0	
Inspections (no.)			6,630				6,630	44%							0	44%
Wet wells cleaned			69				69								0	
Repaired (no.)				13			13								0	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
**July 1 - Sept. 30, 2017**

**South Plant-LA0036412**

Summary of Activities	1st Quarter (EPA Report No. 60)							2nd Quarter (EPA Report No. 61)								
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-contr	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC- PS		Field Engr.	Field Engr.-contr	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)		
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>																
Lines Cleaned (ft)						57,516	57,516	10%						104,940	104,940	29%
CCTV Inspected (ft)						55,989	55,989	10%						113,289	113,289	30%
Smoke Tested (ft)					8,548	17,693	26,241							32,409	32,409	
Smoke Tested (no. of locations)					3		3								0	
Dye Water Flooded (no. of locations)							0								0	
Manholes Inspected (no.)					55	193	248	10%						277	277	21%
Lines Repaired (no.)						120	120							169	169	
MH Rehabbed (no.)						93	93							489	489	
<b>Force Mains (110 miles)</b>																
Visual Surface Inspection (miles)			26.6				26.6	22%			14.8				14.8	33%
Repaired (no.)						7	7							11	11	
<b>Air Release Valves (251)</b>																
Inspected/Maintained			133				133	14%			74				74	22%
Repaired (no.)				58			58					32			32	
<b>Pump &amp; Lift Stations (259)</b>																
Inspections (no.)			10,920				10,920	24%			11,817				11,817	50%
Wet wells cleaned			126				126				127				127	
Repaired (no.)				12			12					13			13	
<b>Peak Flow Storage Facilities (2)</b>																
Little Peak site visits-Decommissioned							0	0%							0	0%
Big Peak site visits- Decommissioned							0	0%							0	0%

Rout.-Routine Maintenance  
 Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
**July 1 - Sept. 30, 2017**

**South Plant-LA0036412**

Summary of Activities	3rd Quarter (EPA Report No. 62)							4th Quarter (EPA Report No. 63)								
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.- points	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.- points	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)		
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>																
Lines Cleaned (ft)						113,953	113,953	48%							0	48%
CCTV Inspected (ft)						120,373	120,373	51%							0	51%
Smoke Tested (ft)						119,856	119,856								0	
Smoke Tested (no. of locations)							0								0	
Dye Water Flooded (no. of locations)							0								0	
Manholes Inspected (no.)						307	307	33%							0	33%
Lines Repaired (no.)						147	147								0	
MH Rehabbed (no.)						283	283								0	
<b>Force Mains (110 miles)</b>																
Visual Surface Inspection (miles)			18				18.2	50%							0.0	50%
Repaired (no.)							0								0	
<b>Air Release Valves (251)</b>																
Inspected/Maintained			91				91	31%							0	31%
Repaired (no.)				34			34								0	
<b>Pump &amp; Lift Stations (259)</b>																
Inspections (no.)			11,700				11,700	76%							0	76%
Wet wells cleaned			46				46								0	
Repaired (no.)				11			11								0	
<b>Peak Flow Storage Facilities (2)</b>																
Little Peak site visits- <b>Decommissioned</b>							0	0%							0	0%
Big Peak site visits- <b>Decommissioned</b>							0	0%							0	0%

Rout.-Routine Maintenance  
 Corr.-Corrective Maintenance

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	<u>PART</u>
<b>CROSS CONNECTION ELIMINATION PLAN</b>	<b>A</b>
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<b>REPORTING OF UNAUTHORIZED DISCHARGES</b>	<b>D</b>
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**Part A:**  
Cross Connection  
Elimination Plan

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

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

**Summary of Activities**

One cross connection was discovered and removed during this quarter. There is no anticipated non-compliance. During the reporting period approximately 190,648 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

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

**Part A – Cross Connection Elimination Plan**

<b>Summary of Cross Connections Identified</b>						
<b>Number</b>	<b>Date Identified</b>	<b>Location</b>	<b>Private (Y/N)</b>	<b>Current Status</b>	<b>Notice Date</b>	<b>Date Eliminated</b>
<b>North Plant (LA0036439 AI# 4843)</b>						
1	07/25/2017	Netterville St. Baton Rouge, LA	N	Eliminated		08/03/2017
2						
3						
<b>South Plant (LA0036412 AI# 4841)</b>						
1	01/13/2017	2335 Tulip St. Baton Rouge, LA	Y		04/07/2017	

The City/Parish  [is]  [is not] in compliance with Section VIII Elimination of Cross Connections for the period 07/01/17 to 09/30/17. If not, see comments above.



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

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

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

### **Summary of Activities**

During the reporting period the City/Parish Department of Environmental Services staff, have followed our standard operating procedures, and continued to follow the equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Collection System Preventive Maintenance Plan. A summary of the collection system preventive maintenance activities for this reporting period is provided in the table on page B-2. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs and other facilities. Quarterly goals for specific activities identified in the Collection System Preventive Maintenance Plan were not achieved this quarter. The percentages of manholes inspected did not reach the 3<sup>rd</sup> quarter goal of 75%. We will increase the inspection quantities required on the Physical Inspection project for the next quarter. We do not anticipate any non-compliance related to preventive maintenance activities in the future. Note that the gravity system preventative maintenance activities are tied to the design schedules of the RMAP2 Submittal Category 1- Comprehensive Rehabilitation Projects.

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

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

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

**Summary of Collection System Activities**

	<b>Quarterly Total Jul.-Sept. 2017</b>	<b>Cumulative 2017 Annual Total</b>	<b>2017 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	184,132	477,974	570,000
CCTV Inspected (ft)	190,552	494,703	570,000
Smoke Tested (ft)	190,648	254,521	----
Smoke Tested (no. of locations)	0	3	----
Dye Water Flooded (no. of locations)	0	0	----
Manholes Inspected (no.)	377	1,087	2,500
Lines Repaired (no.)	199	593	----
MH Rehabbed (no.)	283	1,207	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	61.4	177.2	120
Repaired (no.)	0	20	----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	307	886	960 to 1,200
Repaired (no.)	128	358	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	18,330	55,094	45,136
Wet wells cleaned	115	563	----
Repaired (no.)	24	72	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- Decommissioned	n/a	n/a	104
Big Peak site visits- Decommissioned	n/a	n/a	104

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

The City/Parish  [is]  [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 07/1/17 to 09/30/17. If not, see comments above.

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

**North Plant (LA0036439 AI# 4843)**

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jul.– Sept. 2017</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	70,179	0	70,179
CCTV Inspected (ft)	70,179	0	70,179
Smoke Tested (ft)	70,792	0	70,792
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	70	0	70
Lines Repaired (no.)	52	0	52
MH Rehabbed (no.)	0	0	0
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	43.2	0.0	43.2
Repaired (no.)	0	0	0
<b>Air Release Valves (335)</b>			
Inspected / Maintained	216	0	216
Repaired (no.)	0	94	94
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	6,630	0	6,630
Wet wells cleaned	69	0	69
Repaired (no.)	0	13	13

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

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

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

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

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jul. – Sept. 2017</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	113,953	0	113,953
CCTV Inspected (ft)	120,373	0	120,373
Smoke Tested (ft)	119,856	0	119,856
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	307	0	307
Lines Repaired (no.)	147	0	147
MH Rehabbed (no.)	283	0	283
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	18.2	0.0	18.2
Repaired (no.)	0	0	0
<b>Air Release Valves (251)</b>			
Inspected / Maintained	91	0	91
Repaired (no.)	0	34	34
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	11,700	0	11,700
Wet wells cleaned	46	0	46
Repaired (no.)	0	11	11
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a
Big Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a

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

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

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

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

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

### **Summary of Activities**

A total of two hundred twenty-five (225) Sanitary Sewer Overflows (SSOs) were responded to during this reporting period, one (1) overflow occurred at the wastewater treatment plants. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows in the wastewater collection system, including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for all unauthorized discharges during this reporting period. Document revisions and employee training for the SSO Response Plan shall be scheduled. The City/Parish complied with the Collection System Preventive Maintenance Program.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>66</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>159</b>
<b>Total</b>	<b>225</b>

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

The City/Parish  [is]  [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 07/1/17 to 09/30/17. If not, see comments above.

**Part D:**  
Reporting of  
Unauthorized Discharges



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

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

### **Summary of Unauthorized Discharges**

The attached Sanitary Sewer Overflow Monitoring Report provides information about the unauthorized discharges discovered in the collection system during the reporting period, such as the date, location, cause, action taken to reduce or eliminate the discharge, surface water that received the discharge and quantity of the discharge. The attached Sanitary Sewer Overflow Monitoring Report also identifies the steps taken to prevent the recurrence of the discharge. As shown below, a total of two hundred twenty-five (225) unauthorized discharges occurred during this quarter, one (1) discharge occurred at the wastewater treatment plants.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>66</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>159</b>
<b>Total</b>	<b>225</b>

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

There were no unusual SSOs, and two (2) unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. One discharge occurred at Pump Station 50, due to pump failure. The remaining discharge occurred at Pump Station 31, due to mechanical failures, both pump stations are being upgraded as part of the SSO Program.

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

The City/Parish  [is]  [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 07/1/17 to 09/30/17. If not, see comments above.

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/2/2017	4747 Floynd Dr.	There was evidence of sewage discharge around the city's sewer manholes at multiple locations. The Inspector found a SSO Program Contractor working on a bypass pump which apparently malfunctioned. The Service Inspector did not witness the active overflow. MH# 058-00461; 00460.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons Cheri-Pits. Seven gallons of bleach was used to sanitize the site.	There was an issue with the bypass pumps being used on a capacity project. The issue has been addressed by the Contractor and will reimburse the City Parish government for clean-up costs.	Clay Cut Bayou	500	58	105	106	7.09	
7/2/2017	11550 Southfork Ave.	Pump station # 328 was down - high wet well - the pump station mechanic found the control breaker had tripped hard wire. Pump station mechanic re-set the control breaker and the pump station was pumping down at 18:00hrs.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed.	Weiner Creek	28,004	328	87	120	7.03	
7/3/2017	17931 Creek Hollow Rd.	Pump Station # 339 was down - high wet well - the station was down with no air system. The rotameter was adjusted and the pumps came on. The station was operational at 23:30hrs. MH# 339-00005.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with ten gallons of Cheri-Pits. Five gallons of Beta Magic was also used to deodorize the area. Four gallons of Champ disinfectant and thirty-six gallons of bleach were also used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed.	Clay Cut Bayou	6,818	339	138	138	6.93	
7/3/2017	10068 Jefferson Hwy.	There was evidence of sewage discharge around the six inch clean-out. The city's main collection line was clear. The Service Inspector did not witness the active overflow. MH# 058-00462.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	There was issue with the by-pass pumps being used on a capacity project. The issue has been addressed by the Contractor and will reimburse the City Parish government for clean-up costs.	None	15	58	146	128	7.07	
7/3/2017	1957 N. Ardenwood Dr.	There was evidence of sewage discharge around the six inch service lateral causing the six inch clean-out to overflow. The main collection line was clear. MH# 058-000002A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Advised the apartment complex manager and provided with a flyer indicating the best practices.	Meirose Canal	10	58	146	128	7.07	
7/3/2017	8919 World Ministry Ave.	Pump Station # 300 Was down - high wet well - the pump station mechanic found there was a power outage at the station causing the transfer switch to trip and pumps weren't pumping. The pump station mechanic re-set the transfer switch and pump station was pumping down at 14:30hrs.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic were also used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump station not yet connected to SCADA for remote monitoring.	Dawson Creek	7,500	300	146	128	7.07	
7/3/2017	113 Lafitte Dr.	There was a stoppage found in the homeowner's four inch service lateral causing the four inch clean-out to overflow. The city's main collection line was clear. MH# 062-00006.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Advised the resident and provided with a flyer indicating the best practices.	None	300	62	138	138	6.93	
7/3/2017	810 Madeline Ct.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 081-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Will notify Environmental of possibly grease contributors Mary Lee Donuts ( 9833 Florida Blvd.)	Jones Creek	5	81	146	128	7.07	

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/3/2017	9936 Ridgely Dr.	There was evidence of sewage discharge around the city's sewer manholes at multiple locations. The inspector found a SSO Program Contractor working on a by-pass pump which apparently malfunctioned. The Service Inspector did not witness the active overflow. MH# 058-00460; 00481;00462;00486C;00483.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with three gallons of Master Scent. Three gallons of Champ disinfectant and three gallons of bleach were also used to sanitize the site.	There was issue with the by-pass pumps being used on a capacity project. The issue has been addressed by the Contractor and will reimburse the City Parish government for clean-up costs.	Clay Cut Bayou	500	58	146	128	7.07	
7/5/2017	9936 Ridgely Dr.	There was evidence of sewage discharge around the city's sewer manhole. The Inspector found a SSO Program Contractor working on a by-pass pump which apparently malfunctioned. The Service Inspector did not witness the active overflow. MH# 058-00462.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	There was issue with the by-pass pumps being used on a capacity project. The issue has been addressed by the Contractor and will reimburse the City Parish government for clean-up costs.	Clay Cut Bayou	100	58	146	128	7.07	
7/5/2017	9942 Ridgely Dr.	There was evidence of sewage discharge around the city's sewer manhole. The Inspector found a SSO Program Contractor working on a by-pass pump which apparently malfunctioned. The Service Inspector did not witness the active overflow. MH# 058-00462.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. Two gallons of bleach and one gallon of Champ disinfectant were used to sanitize the site.	There was issue with the by-pass pumps being used on a capacity project. The issue has been addressed by the Contractor and will reimburse the City Parish government for clean-up costs.	Clay Cut Bayou	100	58	146	128	7.07	
7/5/2017	2667 West Highmeadow Court	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a blockage in the service lateral. The Service Inspector did not witness the active discharge. MH# 066-00142.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Advised the homeowner and provided with a flyer indicating the best practices.	None	15	66	146	128	7.07	
7/5/2017	10068 Jefferson Hwy.	There was evidence of sewage discharge around the city's sewer manhole. The Inspector found a SSO Program Contractor working on a by-pass pump which apparently malfunctioned. The Service Inspector did not witness the active overflow. MH# 058-00463.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site. Two and one half gallons of Beta Magic was used to deodorize the area.	There was issue with the by-pass pumps being used on a capacity project. The issue has been addressed by the Contractor and will reimburse the City Parish government for clean-up costs.	None	50	58	146	128	7.07	
7/6/2017	201 Florida St.	There was evidence of sewage discharge around the business owner six inch clean-out. The discharge was caused by a blockage in the six inch service lateral. The Service Inspector did not witness the active discharge. MH# 059-00658.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The area was washed with fresh water and deodorized with two gallons Master Scent. Two gallon of Champ disinfectant was used to sanitize the site.	Advised the business owner and provided a flyer indicating the best practices. Will also notify Environment of possible grease contributor Poor Boy Lloyds.	None	25	59	134	168	7.17	
7/6/2017	3005 Highland Rd.	There may have been a stoppage in the city's main collection line causing the clean-outs to overflow. The upstream manhole could not be located to confirm the blockage. MH# 001-00195.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using four gallons of Mater Scent. Six gallons of bleach and four gallons of Champ disinfectant were used to sanitize the site.	Will notify Environmental of possibly grease contributors Wienierschnitzel (2948 Highland Rd.), Apartment complex (3005 Highland Rd.), Crispy Donuts, University Seafood, Chevron and Burger King (3100 Highland Rd.).	None	180	1	134	168	7.17	
7/7/2017	1342 Magnolia Dr.	Pump Station # 226 was down - high wet well - the pump station was operating on by-pass pump. The pump station mechanic re-set the by-pass pump and the pump was back in service at 21:05hrs. MH# 226-00002.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed.	Lively Bayou	9,137	226	163	128	7.03	

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/7/2017	10709 Landsbury Ave.	There was evidence of sewage discharge found in the canal. There was a strong sewer odor also. The pump station # 250 was surcharging earlier. The Service Inspector did not witness sewer water discharging from the storm drain pipe. MH# 036-00001J.	Recorded sewage discharge and dispatched wash truck to clean the area. The ditch was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will review prior CCTV I&I problems in the area of pump station # 250.	Clay Cut Bayou	10,598	250	205	145	7.11	
7/8/2017	1655 Brookhollow Dr.	There was evidence of sewage discharge found around the sewer manhole. The city's main collection line was clear. The Service Inspector did not witness the active discharge. MH# 229-00063.	Recorded sewage discharge and dispatched wash truck to clean the area. The ditch was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will review prior CCTV data for debris/roots/grease in the main line.	None	15	229	171	134	6.86	
7/10/2017	742 Franklin St.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by a blockage in the city's main collection line. The Service Inspector did not witness the active discharge. MH# 004-03363.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The ditch was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Will notify Environmental of possible grease contributors Westdale Middle School (5620 Claycut Rd.) Serop's Express (712 Jefferson Hwy), Kids Count (525 Rapides St.) and Church's Chicken (5728 Government St.).	None	25	4	107	148	6.89	
7/11/2017	12373 Mollylea Dr.	There was evidence of sewage discharge found around the sewer manhole in the homeowner's backyard. The Service Inspector did not witness the active discharge. MH# 031-00377.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water deodorized with one gallon of Master Scent. Two and one half gallons of Beta Magic was also used to deodorize the area. One gallon of bleach was used to sanitize the site.	Will review prior CCTV data for debris/roots/grease in the main line.	None	15	31	107	146	6.84	
7/11/2017	2011 Millerville Rd.	Pump Station # 319 was down - high wet well - the pump station mechanic found that the Variable Frequency Drive had tripped. Pump station mechanic re-set the Variable Frequency Drive and the pump station was back in service at 10:10hrs. MH# 319-00043.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Scheduled maintenance will document operational status of the pump station and make adjustments when needed. Pump station not yet connected to SCADA for remote monitoring.	Lively Bayou	1,950	319	107	114	6.74	
7/11/2017	9900 Great Smokey Ave.	Sewerage system surcharging due to weather conditions rain event. MH# 051-00194;00193.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and deodorized with two and one half gallons of Beta Magic. Four gallons of Master Scent was also used to deodorize the area. Four gallons of Champ disinfectant was used to sanitize the site.	The problem will be addressed by the completion of so projects 11-PS-MS-0003 and 11-FM-MS0025, both are scheduled to be complete by 7/26/2018.	Engineer Depot Canal	12,000	51	107	146	6.84	
7/17/2017	3287 Courtland Dr.	Pump Station 18 was down - high wet well - the pump station mechanic had to pull both pumps to remove blockages. The station was back operational at 20:30hrs.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were also used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station. Pump station not yet connected to SCADA for remote monitoring.	Jones Creek 32-7	5,760	18	73	220	6.74	
7/17/2017	3211 Yosemite Dr.	There was dry evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by surcharging sewerage system. The Service Inspector did not witness the active discharge. MH# 051-00328.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons of Cheri-Pits. Two gallons of bleach was used to sanitize the site.	Will review prior CCTV data for I&I problems in the area.	None	25	51	73	220	6.74	

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/17/2017	2371 Torrey Pine Dr.	Pump Station #322 was down - high wet well - both pumps tripped the main overload circuit breaker switches. The breakers were re-set and the amperes were good. The station was back operational at 11:06hrs. MH# 322-00013.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Jones Creek	6,161	322	83	164	6.87	
7/17/2017	8710 Jefferson Hwy.	There was evidence of sewage discharge found around the homeowner's four inch clean-out. A blockage was identified in the service lateral. The Service Inspector did not witness the active discharge. MH# 058-00006M.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Advised the residents and provided with a flyer indicating the best practices.	None	15	58	73	220	6.74	
7/17/2017	9743 Blakemore Ave.	Pump Station # 114 was down - high wet well - the pump station mechanic had to drain the air system. The station was back operational at 16:00hrs. 114-00007;00003;00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two and one half gallons of Beta Magic was also used to deodorize the area. One gallon of bleach was used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station. Pump station is not yet connected to SCADA for remote monitoring.	Dawson Creek 21-2	6,161	114	73	220	6.74	
7/18/2017	2371 Torrey Pine Dr.	Pump Station # 322 was down - high wet well - The pump station mechanic had to repair air leaks. The station was back operational at 08:50hrs. MH# 322-00013.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Jones Creek	2,584	322	73	220	6.74	
7/19/2017	2371 Torrey Pine Dr.	Pump Station # 322 was down - high wet well - The pump station mechanic had to repair air leaks. The station was back operational at 08:50hrs. MH# 322-00013.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Jones Creek	2,624	322	92	140	6.82	
7/19/2017	18389 Petroleum Dr.	Pump Station # 413 was down - high wet well - the pump station mechanic said the station had PLC problems. The station was back operational at 11:00hrs. MH# 413-00006.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Ward Creek	2,665	413	125	128	6.66	
7/19/2017	South Choctaw Dr.	Pump Station # 169 was down - high wet well - the pump station mechanic had to re-set the PLC. The station was back operational at 13:00hrs. MH# 169-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station.	Lively Bayou	3,015	169	92	140	6.82	
7/21/2017	6110 Bluebonnet Blvd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by the pump station # 299 was turned off for the contractors to make a repair. The Service Inspector did not witness the active overflow. MH# 299-00005.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will notify the project manager over the project concerning better work flow coordination.	Ward Creek	25	299	92	144	6.81	

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

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/24/2017	12647 North Oak Hills Parkway	Pump Station # 159 was down - high wet well - the pump station mechanic found there was a blockage in the station. Pump Station mechanic pulled both pumps and removed the stoppage. The pump station was back in service at 13:42hrs. MH# 159-00006.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed.	Bayou Fountain	8,056	159	152	192	6.72	
7/24/2017	1120 Oak Hills Parkway	Pump Station # 159 was down - high wet well - the pump station mechanic found there was a blockage in the station. Pump Station mechanic pulled both pumps and removed the stoppage. The pump station was back in service at 13:42hrs. MH# 159-00026.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of Master Scent.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Fountain	5,227	159	152	192	6.72	
7/24/2017	6629 Pecue Lane	Pump Station #147 was operating on a by-pass pump. The pump mechanic found that diesel pump had low oil pressure. Pump mechanic notified BPS to repair and replace the diesel pump. The by-pass pump was back in service at 18:50hrs. MH# 147-00067.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with five gallons of Cheri-Pits. One gallon of bleach was used to sanitize the site.	We are finalizing plans for a complete replacement of this pump station.	Clay Cut Bayou	23,631	147	152	192	6.72	
7/25/2017	1525 Cameron Ave.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge possibly was caused by a blockage in the homeowner's four inch service lateral. The city's main collection line was clear. The Service Inspector did not witness the active discharge. The stoppage crew could not clear the stoppage this considered to be a NoService. MH# 004-03429.	Recorded sewage discharge and dispatched a wash truck to clear the stoppage. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Advised the resident and provided with a flyer indicating the best practices.	None	25	4	113	140	7	
7/26/2017	1630 College Dr.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge possibly was caused by a stoppage in the homeowner's four inch service lateral. The Service Inspector did not witness the active overflow. MH# 004-03203.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Advised the resident and provided with a flyer indicating the best practices.	None	25	4	105	122	6.62	
7/26/2017	4518 Southwind Dr.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge possibly was caused by a stoppage in the homeowner's four inch service lateral. The Service Inspector did not witness the active overflow. MH# 148-00103.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Advised the resident and provided with a flyer indicating the best practices.	None	25	148	114	120	6.74	
7/26/2017	12047 Elva Dr.	There appears to be a breakage in the city's main collection line causing sewage to discharge into the canal. MH# 066-00129.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using ten gallons of Cheri-Pits. Eight gallons of Champ disinfectant and twelve gallons of bleach were used to sanitize the canal.	This Service Request has been placed on O & M contract - work order number 3-124.	Jones Creek	9,600	66	105	122	6.62	

**CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE  
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**SOUTH Sewer District Collection System LPDES LA0036412 A#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/27/2017	6665 Titian Ave.	There was a stoppage found in the apartment complex four inch service lateral causing the four inch clean-out to overflow. The stoppage crew could not clear the stoppage this considered to be a No Service. MH# 058-01781.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	A work order has been issued to have this line segment CCTV.	None	5	58	119	272	6.86	
7/27/2017	1100 Mansfield Ave.	Pump Station # 228 was down - high wet well - the pump station mechanic found the overloads were tripped. Pump station mechanic re-set the overloads and the station was back in service at 12:28hrs. MH# 228-08309.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and sanitized with two gallons of Champ disinfectant and two gallons of bleach was used to sanitize the site.	We have issued a contract for design services for a complete replacement of this pump station.	Capitol Lake	5,427	228	119	272	6.86	
7/27/2017	2966 Magazine Dr.	Pump Station #154 was down - high wet well - the pump number two had a blockage. Pump mechanic removed the stoppage from pump number two and re-set the volute and the station was back in service at 17:25hrs. MH# 154-05007.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Weiner Creek	6,867	154	119	272	6.86	
7/28/2017	7212 Meadow Park Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 108-00038.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in the area.	None	4,800	108	65	128	6.76	
7/28/2017	1277 Woodcliff Dr.	Scope of work being performed by contractor at Pump Station #50 caused the sewerage system of Pump Station #31 to backup. MH# 031-00139L;00164.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with three gallons of Master Scent. Two and one half gallons of Beta Magic was also used to deodorize the area. Three gallons of Champ disinfectant and three gallons of bleach was used to sanitize the site.	It is my understanding there was an electrical issue at PS 31 that caused it to go down.	Jones Creek 32-9	24,000	31	197	130	6.92	
7/28/2017	1480 Sherwood Forest Blvd.	Please see notification letter dated August 4, 2017, sent to DEQ Office of Environmental Compliance concerning this SSO.	Please see notification letter dated August 4, 2017, sent to DEQ Office of Environmental Compliance concerning this SSO.	Please see notification letter dated August 4, 2017, sent to DEQ Office of Environmental Compliance concerning this SSO.	Jones Creek	#####	31	197	130	6.92	
7/29/2017	17754 Crossing Blvd.	Pump Station # 366 was down - high wet well - the pump station mechanic found that the pressure switch was bad. Pump mechanic replaced with pressure switch and the station was back operational at 20:00hrs. MH# 366-00004;00005.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed.	Bayou Fountain	18,360	366	114	128	6.68	
7/30/2017	515 Gardere Lane	Pump Station # 142 was down - high wet well - the pump station mechanic found a blockage at the station. Pump station mechanic pulled the pumps and removed the blockage and the station was back in service at 17:15hr. MH# 142-00005.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with two gallons of Master scent. Two gallons of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed.	Bayou Fountain	6,975	142	144	376	7.49	

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**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/30/2017	2966 Magazine Dr.	Pump Station #154 was down - high wet well - the pump station mechanic found a blockage at the station. Pump station mechanic pulled the pumps and removed the blockage and the station was back in service at 23:05hrs. MH# 154-05007;05014.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump station not yet connected to SCADA for remote monitoring.	Weiner Creek 32-4-2	28,040	154	144	376	7.49	
7/30/2017	1443 Patrick Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 301-00030C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in the area.	None	1,000	301	144	376	7.49	
7/30/2017	1277 Woodcliff Dr.	Scope of work being performed by contractor at Pump Station #50 caused the sewerage system of Pump Station #31 to backup. MH# 031-00139L;00164.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two and one half gallons of Beta Magic was also used to deodorize the area. Two gallons of Champ disinfectant and two gallons of bleach was used to sanitize the site.	It is my understanding there was an electrical issue at PS 31 that caused it to go down. It overflowed on and off 7/28 through 7/31.	Jones Creek 32-9	25,200	31	144	376	7.49	
7/31/2017	13171 Perkins Rd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 108-00028.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed down with fresh water and deodorized with one gallon of Master scent. One gallon of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was used to deodorize the area.	We will review prior CCTV data for debris/roots/grease in the sewer lines in the area.	None	900	108	134	136	6.64	
7/31/2017	10158 Azrok Ave.	There was a stoppage in the city's main collection line causing the sewer manhole overflow. MH# 088-00034.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was wash with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in the area.	Ward Creek	4,500	88	128	196	6.88	
7/31/2017	Arcadian Shores Ave.	Pump Station # 398 was down - high wet well - the pump station mechanic found that there was a stoppage in the station. Pump station mechanic pulled the pumps and removed the stoppage. The station was back operational at 17:30hrs. MH# 398-00038.	Records sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Ward Creek	15,287	398	134	136	6.64	
8/1/2017	9344 West Havana Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a blockage in the homeowner's four inch service lateral. The Service Inspector did not witness the active discharge. MH# 051-00059.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Advised the homeowner and provided a flyer indicating the best practices.	None	25	51	172	182	6.69	



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**SOUTH Sewer District Collection System LPDES LA0036412 A#4841  
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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/1/2017	9175 West Inniswold Rd.	Pump Station # 307 was down - high wet well - the pump station mechanic found that pump number one was air locked and pump number two overloads had tripped. Pump mechanic bled the air line on pump number one and re-set the overloads on pump number two and the station was back in service at 12:36hrs. MH# 307-00012.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with thirty gallons of Chen-Pits and four gallons of Master scent. Two gallons of Champ disinfectant and twenty seven gallons of bleach were used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Ward Creek	3,312	307	172	182	6.69	
8/1/2017	2966 Magazine Dr.	Pump Station # 154 was down - high wet well - the pump station mechanic found that pump number two had a blockage. Pump mechanic removed the stoppage from pump number two. The pump station was back in service at 21:00hrs. MH# 154-05014.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were also used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Weiner Creek	34,335	154	172	182	6.69	
8/7/2017	13912 Goodwood Dr.	Pump Station #101 was down - high wet well - the pump station mechanic found the air compressor failed. The pressure switch was bad. The switch was replaced and the line was bled. The station was back in service at 19:00hrs. MH# 101-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring. This pump station is schedule to be upgraded under SSO Program project number 11-PS-MS-003, expected completion date is 7/26/2018.	Lively Bayou 32-5	9,420	101	104	148	7.46	
8/7/2017	11245 Red Oak Dr.	There was evidence of sewage discharge around the homeowner's six inch clean-out. The discharge was caused by a blockage in the city's main collection line. The Service Inspector did not witness the active discharge. MH# 050-00318.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The canal was back flushed with fresh water and deodorized with four gallons of Master Scent. Six gallons of bleach was used to sanitize the site.	Will review prior CCTV data for debris/roots/grease in the collection line.	Lively Bayou Lateral	125	50	104	148	7.46	
8/7/2017	2371 Torrey Pine Dr.	Pump Station # 322 was down - high wet well - the pump station mechanic found the air compressor failed due to tripped breaker. The air compressor pressure breaker switch was re-set. The station was back in service at 18:30hrs. MH# 322-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Jones Creek	8,467	322	104	148	7.46	
8/8/2017	12100 Goodwood Blvd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 031-00161;00164;00139L.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant were also used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	The problem will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be complete by 7/26/2018.	None	25	31	70	149	6.69	
8/8/2017	1303 Woodcliff Dr.	Pump Station # 31 was down - high wet well - the pump station was down earlier in the day. The sewerage system is now surcharging and trying to sustain the flow. The following manholes were overflowing. MH# 031-00164; 00139L.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring. This pump station is schedule to be upgraded under SSO Program project number 11-PS-MS-003, expected completion date is 7/26/2018.	Lively Bayou	5,400	31	70	149	6.69	

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**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/8/2017	5383 Jones Creek Rd.	Pump Station # 308 was down - high wet well - the pump station was without power. Power was restored around 13:30hrs. And the system was trying to sustains the flow since it was without power most of the day. MH# 172-001012.	recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Three gallons of Champ disinfectant and three gallons of bleach were used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring. Will check into backup generators schedule for installation date.	None	844	308	75	152	6.73	
8/9/2017	5716 Chandler Dr.	Pump Station # 70 was down - high wet well - The pump station mechanic found the station air locked. The lines were bled off and the station was back in service at 12:53hrs. MH# 070-00003A.	Recorded sewage discharge and dispatched wash truck to clean the area. The site washed down with fresh water and storm water had washed away most of the residue.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Duplantier	4,358	70	64	142	6.79	
8/9/2017	11245 Red Oak Dr.	Pump Station #51 was down - high wet well - the pump station was surcharging - all manholes were at a high level. The six inch clean-out was overflowing. The discharge was calculated based on pump station capacity. MH# 051-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with two gallons of Master Scent and five gallons of Beta Magic. 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.	Bayou Duplantier	1,400	51	64	142	6.79	
8/9/2017	Woodcliff Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 031-00440.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of bleach and two gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring. This pump station is schedule to be upgraded under SSO Program project number 11-PS-MS-003, expected completion date is 7/26/2018.	Jones Creek	18,500	31	64	142	6.79	
8/9/2017	1450 Montgomery Dr.	Pump Station # 50 was down - high wet well - the pump station was surcharging- the station was down earlier in the day. The system is trying to sustains the flow, but a manhole was overflowing. MH# 031-00207.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	Pump station # 50 is currently being upgraded as part of the SSO Program project 11-PS-MS-003, anticipated completion date of July 2018.	Lively Bayou	1,155	31	64	142	6.79	
8/9/2017	Trammell Dr.	Pump Station # 50 was down - high wet well - the pump station was surcharging- the station was down earlier in the day. The system is trying to sustains the flow, but a manhole was overflowing. MH# 031-00131.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	Pump station # 50 is currently being upgraded as part of the SSO Program project 11-PS-MS-003, anticipated completion date of July 2018.	Lively Bayou	6,000	31	64	142	6.79	
8/10/2017	6629 Pecue Lane	Pump Station # 147 was down - high wet well - the pump station mechanic found that the pump station was operating on a by-pass pump and the station was surcharging due to the rain event. The station was pumping down at 19:30hrs. MH# 147-00067.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. New project schedule for pump station upgrade.	Clay Cut Bayou	41,009	147	106	178	5.32	1.34
8/10/2017	1488 Stokely Place	The sewerage system was surcharging - Pump Station #31 is operational and is trying to sustains the flow from the collection line, but there was evidence of sewage overflow. The Service Inspector did not witness the active overflow. MH# 031-00134.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring. This pump station is schedule to be upgraded under SSO Program project number 11-PS-MS-003, expected completion date is 7/26/2018.	None	50	31	81	134	6.64	1.34

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/10/2017	855 South Flannery Rd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 031-00440.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring. This pump station is schedule to be upgraded under SSO Program project number 11-PS-MS-003, expected completion date is 7/26/2018.	None	25	31	81	134	6.64	1.34
8/11/2017	1303 Woodcliff Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 031-00164;00139L;00123.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with four gallons of Master Scent. Four gallons of Champ disinfectant was used to sanitize the site. Five gallons of Beta Magic was used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring. This pump station is schedule to be upgraded under SSO Program project number 11-PS-MS-003, expected completion date is 7/26/2018.	None	75	31	68	134	6.74	
8/13/2017	12706 Fairwood Court	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 448-00025.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in area.	Lively Bayou	21,000	448	130	120	6.67	
8/14/2017	3464 South Eugene St.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 003-01712A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in area.	Dawson Creek	25	3	136	164	6.69	
8/14/2017	17931 Creek Hallow Rd.	Pump Station # 339 was down - high wet well - the pumps were not running due to lack of air pressure. The air pressure switch was changed and the air tank was drained. The station was back in operational at 23:00hrs. MH# 339-	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized with five gallons of Beta magic. Also five gallons of Cheri-Pits was used to deodorize the canal. Twelve 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.	Jones Creek 32-2	9,833	339	141	143	6.44	
8/14/2017	17412 General Forrest Ave.	Pump Station # 339 was down - high wet well - the pumps were not running due to lack of air pressure. The air pressure switch was changed and the air tank was drained. The station was back in operational at 23:00hrs. MH# 339-	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized with five gallons of Beta magic. Also five gallons of Cheri-Pits was used to deodorize the canal. Twelve 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.	Jones Creek 32-2	8,753	339	136	143	6.44	
8/15/2017	South Acadian Thruway	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 005-03918C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in area.	Dawson Creek	50	5	113	144	6.87	
8/15/2017	6228 Harness Rd.	There was evidence of sewage discharge in the canal. The discharge was caused by pump station #247 went down on 8-14-17. The Service Inspector did not witness the active overflow. MH# 247-00034.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized with ten gallons of Cheri-Pits. Eight gallons of Champ disinfectant and eighteen gallons of bleach were used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed. The SSO program will upgrade pump station #247 on project number 10PS-MS-0050, expected completion date 4-29-18.	Jones Creek	25	247	111	136	6.67	

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SOUTH Sewer District Collection System LPDES LA0036412 A#4841  
07/01/2017 To 09/30/2017

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/16/2017	7321 Proxie Dr.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a stoppage in the homeowner's four inch service lateral. The Service Inspector did not witness the active overflow. MH# 170-00207.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed down with fresh water and dedodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Advised the homeowner and provided a flyer indicating the best practices.	None	25	170	123	164	6.38	
8/18/2017	13951 Poydras Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. The Service Inspector did not witness the active overflow. MH# 185-00077.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The canal was back flushed with fresh water and deodorized using five gallons of Cheri-Pits. Six gallons of bleach was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in area.	Ward Creek	25	185	178	177	6.53	
8/18/2017	8331 Ned 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 three gallons of Master Scent. Two gallons of bleach was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in area.	Bayou Fountain	25	294	146	135	6.61	
8/18/2017	7923 Walden Rd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 178-00003.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	None	25	178	146	135	6.61	
8/19/2017	1777 Boulevard De Providence	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a blockage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 066-00198.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The area was washed with fresh water and sanitize with one gallon of bleach and one gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in the area. Will also have Environmental advise apartment complex of best practices.	None	25	66	150	148	6.59	
8/21/2017	8331 Ned 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 three gallons of Master Scent. Two gallons of bleach was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in area.	Bayou Fountain	25	294	104	158	6.59	
8/21/2017	2371 Torrey Pine Dr.	Pump Station # 322 was down - high wet well - the pump station mechanic found that the pump station had air and tubing problems. The pump station was back operational at 12:00hrs. MH# 322-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed.	Jones Creek	19,577	322	104	158	6.59	
8/21/2017	17516 Sharpsburg Ave.	There was evidence of sewage discharge around the 4" cleanout. The discharge was caused by a stoppage in the homeowner's four inch service lateral. The Service Inspector did not witness the active discharge. MH# 177-00145.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site. Two and one half gallons of Beta Magic was used to deodorize the area.	Advised the homeowner and provided a flyer indicating the best practices.	None	25	177	119	322	6.44	

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/21/2017	1100 Mansfield Ave.	Pump Station # 228 was down - high wet well - the pump station mechanic found that the overloads had tripped. Pump station mechanic re-set the overloads and the station was back in service at 17:00hrs. MH# 228-08312.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with five gallons of Cheri-Pits. 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. Pump station not yet connected to SCADA for remote monitoring.	Bayou Duplantier 21-22	24,300	228	104	158	6.59	
8/21/2017	7923 Walden Rd.	Pump Station # 178 was down - high wet well - the pump station mechanic found a stoppage in both hoses of the by-pass pump. The pump mechanic removed the stoppage and the station was back in service at 20:45hrs. MH# 178-00003.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and sanitized with two gallons of bleach and two gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Dawson Creek	576	178	104	158	6.59	
8/22/2017	11111 Roy Emerson Dr.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 223-00025.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will notify Environmental of possible grease contributor The Dumham School ( 11111 Roy Emerson Dr.).	Dawson Creek	5	223	95	158	6.43	
8/22/2017	5716 Chandler Dr.	Pump Station # 70 was down - high wet well - The pump station mechanic found the station air locked. The lines were bled off and the station was back in service at 20:37hrs. MH# 070-00003A.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and storm water had washed away most of the residue.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Duplantier	18,900	70	104	232	6.58	
8/23/2017	6629 Pecue Lane	Pump Station # 147 was down - high wet well - the pump station mechanic found the floats hung up. Pump Station mechanic re-set the floats. The pump station was back in service at 11:22hrs. MH# 147-00067.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. New project schedule for pump station upgrade.	Clay Cut Bayou	9,930	147	74	108	6.41	
8/23/2017	Cherrywood Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 088-00034.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons Cheri-Pits. Two gallons of bleach was used to sanitize the site.	We will review prior CCTV data for I & I problems.	None	25	88	98	137	6.66	
8/24/2017	9937 East Groner Ave.	There was a broken four inch force main causing the sewer to overflow down the sidewalk. MH# 395-	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed fresh water and deodorized using two gallons of Master Scent. Two gallons of bleach was used to sanitize the site.	The repair was performed by contractor Allen & LeBlanc (work order number 184-421). A four foot section of pipe was used to repair the four inch force main the repair was completed at 18:30hrs on 8-24-17.	Ward Creek	50	395	109	128	6.74	
8/25/2017	1342 Magnolia Ridge Dr.	Pump Station # 226 is operating on a by-pass pump. The pump mechanic found that the by-pass pump was not holding a prime. Pump mechanic replaced primer and the station was back in service at 21:30hrs. MH# 226-00024.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Honey Cut Bayou	16,151	226	120	149	7.42	
8/27/2017	12000 Goodwood Blvd.	Sewerage system surcharging due to weather conditions rain event. MH# 050-00400A.	Recorded discharge and dispatched wash truck to clean area. The area was washed with fresh water and sanitized with one gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	The problem will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be complete by 7/26/2018.	Jones Creek	1,800	50	127	152	6.47	

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

**SOUTH Sewer District Collection System LPDES LA0038412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/28/2017	1146 Trammell Dr.	Sewerage system surcharging due to weather conditions rain event. MH#031-000134; 00123; 00133; 00131.	Recorded discharge and dispatch wash truck to clean area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	The problem will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be complete by 7/26/2018.	Jones Creek	54,000	31	70	150	6.55	1.44
8/28/2017	12552 Shay Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 021-00095.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Master Scent, five gallons of Beta Magic. Two and one half gallons of Cheri-Pits were also used to deodorize the area.	We will review prior CCTV data for debris/roots/grease in the sewer lines in the area.	Lively Bayou	50	21	136	185	7.36	1.44
8/28/2017	17516 Sharpsburg Ave.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a stoppage in the homeowner's four inch service lateral. The Service Inspector did not witness the active overflow. MH# 177-00145.	Recorded discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Advised the homeowner and provided a flyer indicating the best practices.	None	25	177	74	286	6.44	1.44
8/28/2017	13317 Quail Meadow Dr.	Pump Station # 338 was down - high wet well - the pump station mechanic found there was a leg out. Energy was contacted and the station was back operational at 15:20hrs. MH# 338-00046.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Jacks Bayou	16,267	338	74	286	6.44	1.44
8/28/2017	1538 Windsor Dr.	Sewerage system surcharging due to weather conditions rain event. MH# 021-00009B.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and deodorized with one gallon of Master scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will review prior CCTV data for I & I problems.	Lively Bayou	50	21	70	150	6.55	1.44
8/28/2017	Woodcliff Dr.	Sewerage system surcharging due to weather conditions rain event. MH# 031-00139L; 00164; 00161; 00160.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using four gallons of Master Scent. Four gallons of Champ disinfectant and four gallons of bleach were used to sanitize the site.	The problem will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Jones Creek	27,000	31	70	150	6.55	1.44
8/28/2017	9940 Great Smokey Ave.	Sewerage system surcharging due to weather conditions rain event. MH# 051-00194.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site. Two and one half gallon of Beta Magic was also used to deodorize the area.	The problem will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Engineering Depot Canal	150	51	70	150	6.55	1.44
8/28/2017	106 Delgado Dr.	There was evidence of discharge around the apartment complex four inch cleanout. The discharge was caused by a stoppage in the four inch service lateral. The Service Inspector did not witness the active discharge. MH# 006-04270.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of bleach was used to sanitize the site. Two and one half gallon of Beta Magic was also used to deodorize the area.	Advised the apartment complex manager and provide a flyer indicating the best practices.	None	25	6	70	150	6.55	1.44

**CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE  
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**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/29/2017	9940 Great Smokey Ave.	Sewerage system surcharging due to weather conditions rain event. MH# 051-00194.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. One gallon of champ and one gallon of bleach was used to sanitize the site.	The problem will be addressed by the completion of SSO project 11-FM-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Engineering Depot Canal	1,000	51	49	92	6.12	1.34
8/29/2017	1478 Stokley Place	Sewerage system surcharging due to weather conditions rain event. MH# 031-00134.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. Two gallons of bleach and five gallons of Beta Magic were also used to sanitize and deodorize the site.	The problem will be addressed by the completion of SSO project 11-FM-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Jones Creek	50	31	49	92	6.12	1.34
8/29/2017	315 Woodcliff Dr.	Sewerage system surcharging due to weather conditions rain event. MH 031-00139L.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	The problem will be addressed by the completion of SSO project 11-FM-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Jones Creek	50	31	49	92	6.12	1.34
8/29/2017	928 Trammell Dr.	Sewerage system surcharging due to weather conditions rain event. MH# 031-00131.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	The problem will be addressed by the completion of SSO project 11-FM-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Jones Creek	100	31	49	92	6.12	1.34
8/29/2017	Goodwood Blvd.	Sewerage system surcharging due to weather conditions rain event. MH# 031-00129.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and sanitized with one gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	We will review prior CCTV data I & I problems.	Jones Creek	50	31	49	92	6.12	1.34
8/29/2017	3500 Monterrey Blvd.	Sewerage system surcharging due to weather conditions rain event. MH# 018-00015A.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and sanitized using one gallon of champ disinfectant and one gallon of bleach were also used to sanitize the site.	The problem will be addressed by the completion of SSO project 11-FM-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Hurricane Creek	100	18	49	92	6.12	1.34
8/29/2017	1122 Trammell Dr.	Sewerage system surcharging due to weather conditions rain event. MH# 031-00131.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent and one gallon of bleach were used to sanitize the site.	The problem will be addressed by completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be complete by 7-26-2018.	Jones Creek	150	31	49	92	6.12	1.34
8/30/2017	1031 West Lee Dr.	Pump Station # 305 was down -high wet well - the pump station mechanic found the low float was bad. Pump station mechanic was replaced the low float. The pump station was back in service at 13:30hrs. MH# 305-00002.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Fountain	10,225	305	34	72	6.21	
8/30/2017	5101 Nicholson Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by pump station failure at station #305 was having float issues. The Service Inspector did not witness the active overflow. MH# 305-WW	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Fountain	75	305	34	72	6.21	

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**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/30/2017	4772 Drusilla Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 058-00223.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons of Beta Magic. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for I & I problems.	Ward Creek	25	58	34	84	6.39	
8/30/2017	7923 Walden Rd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by a bad float at the pump station. The Service Inspector did not witness the active overflow. MH # 178-00003.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons of Cheri-Pits.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Dawson Creek	75	178	34	84	6.39	
8/31/2017	515 Gadere Lane	Pump Station # 142 was down - high wet well - the pump station mechanic found a stoppage in the pump station. Pump mechanic removed the stoppage and the station was back operational at 13:00hrs. MH# 142-00005.	Recorded discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Fountain	6,937	142	127	126	6.37	
8/31/2017	680 North Donmoor Ave.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 058-01770.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed down with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	We will review prior CCTV data for debris/roots/grease in sewer lines in the area.	Jones Creek	500	58	127	126	6.37	
9/1/2017	1122 Trammell Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 031-00131.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons of Cheri-Pits. Four gallons of bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	The problems will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be complete by 7-26-2018.	Lively Bayou	25	31	76	96	6.56	
9/1/2017	1327 Woodcliff Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 031-00164.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	The problems will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be complete by 7-26-2018.	Lively Bayou	25	31	76	96	6.56	
9/1/2017	213 South 12th St.	There was evidence of sewage discharge around the homeowner's clean-out. The discharge was caused by a stoppage in the homeowner's four inch service lateral. The service Inspector did not witness the active discharge. MH# 059-06309.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with five gallons of Beta Magic.	Advised the homeowner and provided a flyer stating the best practices.	None	25	59	76	96	6.56	
9/3/2017	7321 Proxie Dr.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a stoppage in the four inch service lateral. The Service Inspector did not witness the active overflow. MH# 170-00207.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Advised the homeowner and provided a flyer stating the best practices.	None	25	170	106	92	6.57	



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07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
9/3/2017	4519 Shadeland Dr.	There was a stoppage found in the homeowner's service lateral causing the the four inch clean-out to overflow. MH# 148-00103.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Advised the homeowner and provided a flyer stating the best practices.	None	5	148	106	92	6.57	
9/5/2017	1237 Harco Dr.	Pump Station # 21 was down - high wet well - this pump station is being maintained by contractors. I was told that the station was back operational at 16:00hrs. MH# 21-00089.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using ten gallons of Beta Magic was used to deodorize the area.	This station is currently under going a design upgrade on SSO project 11PS-MS-0003, expected to be complete by 7-26-2018.	Lively Bayou	56,700	21	118	192	6.77	
9/5/2017	8919 World Ministry Ave.	Pump Station # 300 was down - high wet well - the pump station mechanic found a tripped breaker on the compressor. Pump station mechanic re-set the breaker and the station was the station was back in service at 14:21hrs. MH# 300-00019E.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Bayou Duplantier	15,097	300	118	192	6.77	
9/5/2017	11440 Bard Ave.	There was a stoppage found in the city's main collection line causing the clean-out to overflow. MH# 050-00426.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will notify Environmental of possible grease contributor K&D Grocery (2068 N. Sherwood Forest Dr.).	None	5	50	118	192	6.77	
9/5/2017	12485 Shay Ave.	Pump Station # 21 was down - high wet well - this pump station is being maintained by contractors. I was told that the station was back operational at 16:00hrs. MH# 21-00100.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized using one gallon of Master Scent. One gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	This station is currently under going a design upgrade on SSO project 11PS-MS-0003, expected to be complete by 7-26-2018.	Lively Bayou	18,900	21	118	192	6.77	
9/5/2017	10202 Perkins Rowe	Pump Station # 300 was down - high wet well - the pump station mechanic found a tripped breaker on the compressor. Pump station mechanic re-set the breaker and the station was the station was back in service at 14:21hrs. MH# 300-00039.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized using one gallon of Master Scent. One gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Bayou Duplantier	3,600	300	118	192	6.77	
9/6/2017	1630 College Dr.	There was evidence of sewage discharge around the homeowner's clean-out. The discharge was caused by a blockage in the four inch service lateral. The Service Inspector did not witness the active discharge. MH# 004-03203.	Recorded sewage discharge and dispatched a wash truck to clear the blockage. The site was washed with fresh water and sanitized with one gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	Advised the homeowner and provided a flyer stating the best practices.	None	25	4	97	148	6.9	
9/6/2017	3135 Highland Rd.	There was a stoppage found in the city's main collection line causing the clean-outs to overflow. MH# 001-00209.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will notify Environmental about handing out flyers for best practices as it relates to the sewer system.	Bayou Duplantier	25	1	97	148	6.9	
9/6/2017	9614 Goodwood Blvd.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a blockage in the four inch service lateral. The Service Inspector did not witness the active overflow. MH# 058-02830.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Advised the homeowner and provided a flyer stating the best practices.	None	25	58	97	148	6.9	

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07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
9/6/2017	2250 Florida Blvd.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 060-07254.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of bleach was used to sanitize the site.	Will notify Environmental of possible grease contributor Capital Area Transit System (2250 Florida St.)	None	3	60	97	148	6.9	
9/6/2017	12552 Shay Ave.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 021-00095.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using five gallons of Chen-Pits. Two gallons of bleach was used to sanitize the site.	Will notify Environmental of possible grease contributors Mien Tay Grocery (1125 Marque Ann Dr.), Le's Produce and Markets, Inc. ( 1134 Maraue Ann Dr.), and Vinh Phat Oriental Market (12351 Florida Blvd.).	None	3	21	97	148	6.9	
9/6/2017	4586 Shadeiland Dr.	There was a stoppage found in the six inch service lateral causing the four inch clean-out to overflow. MH# 148-00103.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized with one gallon of bleach.	Advised the homeowner and provided a flyer stating the best practices.	None	2	148	105	144	6.8	
9/6/2017	19343 South Links Court	Pump Station # 388 was down - high wet well - the pump station mechanic found a stoppage inside the station. Pump station mechanic removed the stoppage. Pump station was back in service at 16:30hrs. MH# 388-00010.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized using one gallon of Master Scent, One gallon of bleach was used to sanitize the site.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Manchac	4,950	388	105	144	6.8	
9/7/2017	4548 - 4718 Jim Taylor Dr.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 107-00030.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will notify Environmental about handing out flyers for best practices as it relates to the sewer system.	Bayou Fountain	50	107	162	174	6.8	
9/7/2017	1800 Brightside View Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by pump station # 292 being down earlier. The station was having issues with a tripped compressor breaker. The Service Inspector did not witness the active discharge. MH# 292-00005.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed.	None	75	292	162	174	6.8	
9/8/2017	328 E. Johnson St.	There was evidence of sewage discharge around the city's six inch clean-out. The discharge was caused by a stoppage in the six inch service lateral. The stoppage crew could not clear the stoppage this is considered to be a No Service. The Service Inspector did not witness the active overflow. MH# 001-00295.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons of Beta Magic was used to deodorize the area.	Work order # 185421 has been issued to contractor Allen & LeBlanc to make the sewer repair.	None	25	1	105	160	6.67	
9/9/2017	11550 Southfork Ave.	Pump Station # 328 was down - high wet well - The pump station mechanic found the station failed on fail to start. Pump mechanic adjusted the fail to start delay from five seconds to thirty seconds and reset the alarm the station was pumping down at 18:00hrs. MH# 328-VVV.	Recorded Sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized using five gallons Beta Magic was used to deodorize the area.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed.	Weiner Creek	33,075	328	124	480	6.71	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
9/11/2017	11370 Bard Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 100-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Will notify Environmental of possibly grease contributor K&D Grocery (2068 N. Sherwood Forest Dr.).	None	3	100	134	192	6.67	
9/11/2017	1806 Brightside View Dr.	There appears to be a broken sewer pipe causing a discharge between the downstream manhole and the apartment building. The sewage is coming through a cavity that was created, flowing over the sidewalk into the street. MH# 292-00011.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Work order 8424606 has been issued to have this line segment televised.	Arlington Creek	1,200	292	123	192	6.52	
9/11/2017	6933 N. Fieldgate Court	Pump station # 37 was down - high wet well - The pump station mechanic found a stoppage in pump number one. Pump station mechanic removed the stoppage and the station was back in service at 14:30hrs. MH# 037-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant and one gallon of bleach was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Bayou Duplantier	4,830	37	134	192	6.67	
9/13/2017	13700 Blk of Choctaw Ave.	Pump Station # 295 was down - high wet well - the pump number two main breaker had tripped. Pump mechanic re-set the breakers on pump number one and two pump station was back operational at 16:30hrs. MH# 295-00022.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using four gallons of Master Scent. Eight gallons of Champ disinfectant was used to sanitize the site. Ten gallons of Cheri-Pits was also used to deodorize the area.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed.	Lively Bayou	15,997	295	148	103	6.64	
9/13/2017	13013 Deerpath Way	There was a stoppage in the city's six inch service lateral causing the six inch clean-out to overflow. MH# 077-00002.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Advised the homeowner and provided a flyer stating the best practices.	None	3	77	134	142	6.71	
9/13/2017	Southfork Ave. @ Westfork Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 135-00047.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Will notify Environmental of possible grease contributor Dairy Queen (3444 S. Sherwood Forest Blvd.) and Piccadilly Cafeteria (3332 S. Sherwood Forest Blvd.).	Weiner Creek	25	135	148	103	6.64	
9/14/2017	14606 Stoneberg Ave.	There was a stoppage found in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 146-00008.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	25	146	160	121	6.73	
9/15/2017	1275 W. Chimes St.	There was evidence of sewage discharge around a vacant lot. The discharge appears to be coming from a service lateral that may need to be capped off on the vacant lot next to 1275 W. Chimes St. The Service Inspector did not witness the active discharge. MH# 001-00079D.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	Submitted to the State Department of Health for private citizen compliance.	None	25	1	134	168	6.66	

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9/15/2017	2618 North Blvd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 003-02152.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	25	3	134	168	6.66	
9/16/2017	1640 Pointer Court	There was evidence of sewer discharge around the city's manhole. The discharge was caused by pump station# 376 having problems with a bad compressor pressure switch. The Service Inspector did not witness the active discharge. MH# 376-00002.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	None	75	376	170	126	6.63	
9/17/2017	1422 Harco Dr.	There was a stoppage found in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 021-00023.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	25	21	110	154	6.47	
9/17/2017	16357 Magnolia Trace Pkwy.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 456-00017.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	Knox Branch	5	456	149	162	6.41	
9/18/2017	428 Evergreen Dr.	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a stoppage in the four inch service lateral. The Service Inspector did not witness the active discharge. MH# 060-07292.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Advised the homeowner and provided a flyer stating the best practices.	None	25	60	158	196	6.71	
9/18/2017	3343 Tula St.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a stoppage the city's main collection line. The Service Inspector did not witness the active overflow. MH# 001-00226.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	25	1	126	160	6.61	
9/19/2017	11947 Oak Shadow Dr.	There was a stoppage in the city's main collection line causing the sewer manhole to overflow. MH# 182-00001.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Master Scent. Three gallons of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	2	182	132	143	6.44	
9/19/2017	17872 Waterloo Dr.	Pump Station # 491 was down - high wet well - The pump mechanic found that the main overloads were tripped and pump number two had a stoppage. The pump mechanic re-set the main overloads and removed the stoppage from pump number two. The pump station was back in service at 18:00hrs. MH# 491-00009.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Clay Cut Bayou	24,552	491	126	160	6.61	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
9/25/2017	6110 Bluebonnet Blvd.	Pump Station # 299 was down - high wet well - the pump station mechanic found the station only had one pump. The pump station mechanic put the alternator in the correct position the pump station was back in service at 21:18hrs. MH# 299-00010.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using ten gallons of Cheri-Pits. Two gallons of Champ disinfectant was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Ward Creek	28,800	299	188	278	6.61	
9/26/2017	11866 Jefferson Hwy.	There was evidence of sewage discharge around the business owner four inch clean-out. The discharge was caused by a blockage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 147-00061.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Advised the business owner and provided a flyer indicating the best practices.	None	25	147	130	158	6.4	
9/28/2017	2602 Wooddale Blvd.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 030-00073.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using three gallons of Master Scent. Three gallons of Champ disinfectant, four gallons of bleach and eleven gallons of Lemon-All were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	3000	30	107	142	6.59	
9/28/2017	7417 Jefferson Hwy	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 058-02064;02062.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant two gallons of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines. We will also advise Environmental of possible grease contributors, (7327 Jefferson Hwy), and Circle K (7475 Jefferson Hwy).	Clay Cut Bayou	3,000	58	107	142	6.59	
9/29/2017	11550 Southfork Ave.	There was evidence of sewage discharge around the sewer manhole. The discharge possibly was caused by the surcharging sewerage system. The Service Inspector did not witness the active overflow. MH# 135-00049.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for I & I problems.	None	25	135	165	130	6.67	
9/29/2017	1422 Harco Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a stoppage the city's main collection line. The Service Inspector did not witness the active overflow. MH# 021-00005.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer line. We will also advise Environmental of possible grease contributor Papa John's Pizza (12330 Florida Blvd.).	None	25	21	151	180	6.86	
9/30/2017	7417 Jefferson Hwy	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 058-02063.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines. We will also advise Environmental of possible grease contributors, (7327 Jefferson Hwy), and Circle K (7475 Jefferson Hwy).	None	25	58	215	156	6.8	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/1/2017	Catalina Ave.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 166-00003.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and sanitized with one gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	Will review prior CCTV data for debris/roots/grease in the main line.	Engineer Depot Canal	25	166	77	67	6.97	
7/3/2017	12044 Post Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by a leak in the main collection line. The Service Inspector did not witness the active overflow. MH# 072-00004.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were also used to sanitize the site.	A work order has been issued to have the main collection line televised.	None	25	72	219	68	6.65	
7/4/2017	9364 Rushwood Dr.	Pump Station # 69 was down - high wet well - the pump station mechanic found the floats hung up. Pump Station mechanic re-set the floats. The pump station was back operational at 17:00hrs. MH# 069-00027.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump station not yet connected to SCADA for remote monitoring.	Blackwater Bayou	10,533	69	120	67	6.67	
7/6/2017	6110 Hilltop St.	Pump Station # 78 was down - high wet well - the pump station mechanic pulled the pump number one and pump number two and removed a blockage. The pumps were placed back and the station was back in service at 11:07hrs. MH# 078-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump station not yet connected to SCADA for remote monitoring.	Monte Sano Bayou	11,220	78	177	118	6.85	
7/6/2017	2680 Progress Rd.	There was evidence of sewage overflow around the city's sewer manhole. The discharge was caused by the Air Release Valve that was malfunctioning. MH# 045-.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. Two gallons of bleach and one gallon of Champ disinfectant were also used to sanitize the site.	The pump station section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	900	45	66	60	7.11	
7/7/2017	4052 Plank Rd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by a blockage in the city's service lateral. The Service Inspector did not witness the active overflow. MH# 024-00073.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Advised the business owner and provided with a flyer stating the best practices.	None	25	24	157	104	7.25	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/8/2017	4441 Clark St.	There was evidence of sewage overflow around the city's sewer manhole. The discharge was caused by the Air Release Valve that was malfunctioning. MH# 045-00106.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using eight gallons of Master Scent. Ten gallons of Cheri-Pits and ten gallons of Beta Magic were also used to deodorize the area. Eight gallons of Champ disinfectant and twelve gallons of bleach were used to sanitize the site.	A contract has been issued to perform a transient surge analysis to determine reason for ARV failures.	Cypress Bayou	5,000	45	157	104	7.25	
7/10/2017	10330 Avenue E.	There was a stoppage found in the city's service lateral causing the sewer manholes to overflow. This is been considered to be a No Service. MH# 046-00242.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. Six gallons of bleach was used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	A work order has been issued to have the repair made.	Monte Sano Bayou	500	46	101	188	6.84	
7/11/2017	6678 Myrtlewood Dr.	The sewerage system was surcharging due to recent rain event. MH# 047-00139.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of bleach was used to sanitize the site.	We will review prior CCTV data for I&I problems.	None	50	47	155	128	6.45	1.35
7/11/2017	7527 Glen Oaks Dr.	There was evidence of sewage discharge found around the sewer manhole in the homeowner's backyard. The Service Inspector did not witness the active discharge. MH# 92-00008.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Will review prior CCTV data for debris/roots/grease in the main line.	None	25	92	155	128	6.45	1.2
7/11/2017	12633 Conwood Ave.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. MH# 231-00006.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The ditch was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were also used to sanitize the site.	Advised the residents and provided with a flyer indicating the best practices.	None	25	231	155	128	6.45	1.2
7/11/2017	10832 Big Bend Ave.	Pump Station # 128 was surcharging due to weather conditions rain event. MH# 128-00018A.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	The problem will be addressed by the completion of projects 11-PS-MS-0034 and 11-FM-MS-0023, both are scheduled to be complete by 7/11/2018.	Engineer Depot Canal	600	128	155	128	6.45	1.2
7/11/2017	Victoria Dr.	The sewerage system was surcharging due to recent rain event. MH# 052-00100.	Recorded sewage discharge and dispatched wash truck to wash the area. The area was washed with fresh water and deodorized with ten gallons of Cheri-Pits. Five gallons of Beta Magic and two gallons of Master Scent were used to deodorize the area. Four gallons of bleach was used to sanitize the site.	Operational issue with Choctaw Storage, correction made in the field.	Hurricane Creek	12,000	52	155	128	6.45	1.2

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/13/2017	7527 Glen Oaks Dr.	Pump Station # 92 was surcharging ~ sewerage system surcharging due to weather conditions, rain event. MH# 092-00008.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Will review prior CCTV data for I&I problems in the area.	Roberts Canal	3,000	92	106	133	6.69	1.2
7/13/2017	7940 Maplewood Dr.	Pump Station # 35 was surcharging ~ sewerage system surcharging due to weather conditions rain event. MH# 035-00036.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Will review prior CCTV data for I&I problems in the area.	Roberts Canal	300	35	106	133	6.69	
7/14/2017	11921 Fairmead Dr.	Pump Station #284 was surcharging due to weather conditions rain event. MH# 284-00036.	Recorded sewage discharge and dispatched wash truck to clean the area. The ditch was washed with fresh water and deodorized with five gallons of Cheri-Pits. Three gallons of bleach was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump station not yet connected to SCADA for remote monitoring.	Blackwater Bayou 58	150	284	50	100	6.79	
7/15/2017	7527 Glen Oaks Dr.	Pump Station #92 was down - pump number one was pulled to remove the blockage that was identified. The blockage was removed and the station was back operational at 18:00hrs. MH# 092-00008.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were also used to sanitize the site.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the pump station. Pump station not yet connected to SCADA for remote monitoring.	Roberts Canal 56	3,975	92	67	116	7.04	
7/15/2017	7940 Maplewood Dr.	Sewerage system surcharging due to weather conditions rain event. 035-00036.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will review prior data for I&I problems in the area.	Roberts Canal	25	35	67	116	7.04	1.88
7/15/2017	4925 Clark St.	Pump Station # 45 was down - high wet well the pump station was down due to a power failure. Entergy Utilities was contacted to restore the power. The station was back operational at 21:00hrs. MH# 045-00004; 00001; 00006;00012.	Recorded sewage discharge and dispatched wash truck to clean the areas. The areas was washed with fresh water and deodorized with three gallons of Master Scent. Five gallons of Beta Magic was also used to deodorize the areas. Three gallons of Champ disinfectant and three gallons of bleach were used to sanitize the sites.	New pump station is online but generators have not been commissioned yet. That work should be complete by 9/30/17.	Cypress Bayou	73,232	45	50	156	7.02	1.88
7/20/2017	2680 Progress Rd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by Air Release Valve that was malfunctioning. MH# 046-00039.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	The pump station section was contacted to dispatch a crew to repair the faulty Air Release Valve.	None	2,500	46	161	98	6.38	1.88



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SANITARY SEWER OVERFLOWS MONITORING REPORT**

**NORTH Sewer District Collection System LPDES LA0036439A# 4843  
07/01/2017 To 09/30/2017**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/21/2017	8900 Jimmy Wedell Dr.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 244-00049.	Recorded Sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	We will send a request to have the sewer lines in the area CCTV.	None	1,000	244	106	100	7.02	
7/21/2017	Palomino Dr.	There was evidence of sewage discharge around the cave-in at Pump Station # 265. Further investigation is required to determine the origin of the discharge. MH# 265-00002.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	Request initiated to have line segment CCTV and smoke test for leaks.	None	75	265	181	132	6.55	
7/23/2017	11168 Ronson Dr.	Pump Station # 325 was down - high wet well - the pump station mechanic found that both pumps overloads had tripped. Pump station mechanic re-set the overloads and the pumps station was back in service at 20:30hrs. MH# 325-00010.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump station not connected to SCADA for remote monitoring yet.	Draughan Creek	6,344	325	114	188	6.75	
7/25/2017	10933 Tynewood Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 195-00023.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The canal was black flused with fresh water and deodorized using five gallons of Cheri-Pits. Four gallons of Champ disinfectant and thirty-six gallons of bleach were used to sanitize the canal.	We will send a request to have a CCTV performed on the line segment.	Shoe Creek	150	195	94	80	6.68	
7/28/2017	6315 Greenwell St.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 052-00315E.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Will notify Environmental of possible grease contributors Toms Seafood (6065 Greenwell St.) and Sliverleaf Grocery ( 5742 Sliverleaf Ave.).	None	600	52	198	72	6.87	
7/28/2017	4123 Evan Brooks Dr.	Pump Station # 425 was down - high wet well - the pump station mechanic found that the air system was full of water. The system was drained and the station was back operational at 21:29hrs. MH# 425-00003.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump Station is not yet connected to SCADA for remote monitoring.	Engineer Depot Canal	3,637	425	198	72	6.87	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
7/28/2017	16755 Liberty Rd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by a stoppage in the city's main collection line. The Service Inspector did not witness the active overflow. This has been considered to be a No Service. MH# 093-00022.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water deodorized with three gallons of Master Scent. Three gallons of Champ disinfectant was used to sanitize the site. Five gallons of Beta Magic was also used to deodorize the area.	This Service Request has been placed on O&M contract - work order number 3-127.	None	25	93	198	72	6.87	
7/28/2017	11277 Devall Lane	There was sewage discharging from the manhole that was housing the Air Release Valve. The discharge was caused by malfunctioning of the Air Release Valve. MH# 045-	Recorded discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with one gallon of master Scent. Two and one half gallons of Beta Magic was also used to deodorize the area. One gallon of Champ disinfectant was used to sanitize the site.	A contract has been issued to perform a transient surge analysis to determine reason for ARV failures.	Cypress Bayou	9,000	45	114	140	7.24	
7/29/2017	500 O'Callaghan Rd.	Pump Station # 29 was down - high wet well - the pump station mechanic found that the pumps had a stoppage. Pump mechanic removed the stoppage from the pumps and the station was back in service at 12:00hrs. MH# 029-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed down with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed.	White Bayou	8,100	29	114	140	7.24	
7/31/2017	11418 Catalina Ave.	Pump Station # 166 was down - high wet well - the pump station mechanic found that both pumps overloads switch had tripped. Pump mechanic re-set the overloads and the pump station was back in service at 19:00hrs. MH# 166-00002.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustments when needed. Pump Station is not yet connected to SCADA for remote monitoring.	Engineer Depot Canal	19,200	166	176	66	6.72	
8/1/2017	6202 East Castledale Dr.	Pump Station # 164 was down - high wet well - the pump station had a power outage pump station mechanic notified Demco Electricity Company. The station was back in service at 20:18hrs. MH# 164-00022.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were also used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Draghan Creek	11,745	164	254	154	6.64	
8/4/2017	17304 Chickasaw Ave.	There was a stoppage in the city's main collection line causing the sewer manhole to overflow. MH# 093-00001.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and six gallons of bleach were used to sanitize the site.	Will review prior CCTV data for debris/roots/grease in the collection line.	Hub Bayou 35	2,000	93	119	78	6.85	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/4/2017	500 O'Callaghan Lane	Pump Station # 29 was down - high wet well - the pump station mechanic pulled pump number two and removed the blockage. The station was back in operational at 19:30hrs. MH# 029-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The ditch was back flushed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and four gallons of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Cypress Bayou 59-6	11,025	29	95	76	7.28	
8/6/2017	7344 Conestoga Dr.	Pump Station # 202 - high wet well - the pump station mechanic found nothing wrong with the station. The station levels was normal. The Service Inspector stated something may have been turned off. MH# 202-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was backed flushed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Shoe Creek	1,000	202	121	124	7.06	
8/7/2017	11119 Flamingo Dr.	Pump Station # 166 was down - high wet well - the pump station mechanic found a valve was turned to the off position. The valve was turned back to the on position and the station was operational at 12:34hrs. MH# 166-00021.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Engineer Depot Canal	8,220	166	159	112	6.81	
8/7/2017	17318 Chickasaw Ave.	There was evidence of sewage discharge around the city's sewer manhole. The discharge possibly was caused by a broken collection line. The Service Inspector did not witness the active overflow. MH# 093-00022.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with four Master Scent. Four gallons of Champ disinfectant and six gallons of bleach was also used to sanitize the site.	This Service Request has been placed on O&M contract work order number 3-127.	None	25	93	159	212	6.81	
8/10/2017	4445 Plank Road	There was evidence of sewage discharge around the four inch clean-out. The discharge possibly was caused by a stoppage in the service lateral. The Service Inspector did not witness the active overflow. This is a possible No Service. MH# 024-00283.	Recorded discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized with two gallons of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach was also used to sanitize the site.	A Service Request has been issued to have this line segment CCTV.	None	25	24	81	134	6.64	1.34
8/10/2017	10133 Shannon Dr.	Pump Station # 137 - high wet well - the pump station was surcharging - all manholes were at a high level. The pump station mechanic found nothing wrong with the station. Everything was functioning properly. MH# 137-00018.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	None	25	137	72	180	6.67	1.34
8/10/2017	15010 Jenson Ave.	Pump Station # 137 - high wet well - the pump station was surcharging - all manholes were at a high level. The pump station mechanic found nothing wrong with the station. Everything was functioning properly. MH# 137-00022.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	None	25	137	72	180	6.67	1.34

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/10/2017	Empress Dr. @ Audusson	Sewerage system surcharging due to weather conditions rain event. MH# 200-.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and deodorized with one gallon of Master scent. One gallon of Champ disinfectant was used to sanitize the site.	The SSO program will upgrade pump station #43 on project 11-PS-MS-0035, expected completion date is 7/26/18.	Draughan Creek	75	200	72	180	6.67	1.34
8/11/2017	15010 Jenson Ave.	There was a stoppage in the city's main collection line causing the sewer manholes to overflow. MH# 137-00018.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines in area.	None	50	137	58	108	6.48	
8/14/2017	12044 Post Dr.	Pump station # 72 was down - wet well the PLC tripped. It was reset and the station was back operational at 10:58hrs. MH# 072-00004.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with five gallons of Beta Magic. Also one gallon of Master Scent was used to deodorize the area. Four gallons of Champ disinfectant was used to sanitize the site.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	Beaver Bayou	8,753	72	131	78	6.67	
8/15/2017	19313 Old Scenic Hwy	The Air Valve Release Valve associated with Pump Station #430 force main line was malfunctioning. The water was pumped out of the manhole, the valve was shut off and leaking ARV was repaired. MH# 493-.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	The pump station section was contacted to dispatch a crew to repair the faulty ARV.	None	500	493	123	84	6.78	
8/21/2017	10485 Foster Rd.	There was evidence of sewage discharge around the 4" cleanout. The discharge was caused by a blockage in the homeowner's four inch service lateral. The Service Inspector did not witness the active discharge. MH# 150-00077.	recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed with fresh water and deodorized with one gallon of master Scent. One gallon of bleach was used to sanitize the site. Two and one half gallon of Beta Magic was also used to deodorize the area.	Advised the homeowner and provided a flyer indicating the best practices.	None	25	150	98	74	6.78	
8/21/2017	17304 Chickasaw Ave.	There was a stoppage found in the city's main collection line causing the sewer manholes to overflow. MH# 093-00002.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	This Service Request has been placed on O&M contract work order number 3-127, for root removal.	None	500	93	98	74	678	
8/22/2017	Wyandotte St.	Sewerage system surcharging due to weather conditions rain event. MH# 043-00145.	The area was washed with fresh water and deodorized with one gallon of Master scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	The C-P is exploring the installation of VFDs at the upstream pump station to reduce pumping capacity and prevent overwhelming the downstream system.	None	100	43	144	162	7.18	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
8/24/2017	Palomar Dr.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a stoppage inside of the pump station. The stoppage was removed by the pump mechanic. The Service Inspector did not witness the active discharge. MH# 272-00032.	Recorded sewage discharge and discharge around the city's sewer manhole. The discharge was caused by a stoppage inside of the pump station. The stoppage was removed by the pump mechanic. The Service Inspector did not witness the active discharge.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed.	None	75	272	95	74	6.37	
8/28/2017	7527 Glen Oaks Dr.	Sewerage system surcharging due to weather conditions rain event. MH# 092-00008.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized using one gallon of Master Scent, one gallon of Champ and one gallon of bleach were used to sanitize the site. Five gallons of Beta Magic was also used to deodorized the area.	We will review prior CCTV data for I & I problems.	Glen Oaks Lateral	2,500	92	114	328	6.92	1.44
8/28/2017	Wyandotte St.	Sewerage system surcharging due to weather conditions rain event. MH# 043-00145.	Monitor manhole to calculate discharge, completed inspection report to document event, and submitted report in MyProjectNow. The area was washed with fresh water and sanitized with two gallons of bleach and one gallon of champ disinfectant were used to sanitize the site.	The C-P is exploring the installation of VFDs at the upstream pump station to reduce pumping capacity and prevent overwhelming the downstream system.	Knox Canal	100	43	34	150	7.15	1.44
8/28/2017	10832 Big Bend Ave.	Sewerage system surcharging due to weather conditions rain event. MH# 128-00018A.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with two and one half gallons of Beta Magic. One gallon of Champ and one gallons bleach were used to sanitize the site.	The problem will be addressed by the completion of projects 11-PS-MS-0003 and 11-FM-MS-0005, both are scheduled to be completed by 7-26-2018.	Engineering Depot Canal	3,200	128	114	328	6.92	1.44
8/29/2017	3782 Baton Rouge Ave.	Sewerage system surcharging due to weather conditions rain event. MH# 043-00145.	The site was washed with fresh water and deodorized using one gallon of Master Scent. Two gallons of Champ disinfectant and two gallons of bleach were used to sanitize the site.	The C-P is exploring the installation of VFDs at the upstream pump station to reduce pumping capacity and prevent overwhelming the downstream system.	Knox Canal	1,000	43	16	62	6.82	1.34
9/1/2017	13850 Plank Rd.	There was a stoppage in the city's main collection line causing the sewer manholes to overflow. MH# 242-00010.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site.	Will notify Environmental of possible grease contributor Little Caesar (14089 Plank Rd.).	White Bayou	500	242	88	65	7.05	
9/6/2017	13850 Plank Rd.	Pump Station # 242 was down - high wet well - the pump station mechanic found a bad pressure switch and air hose. Pump station mechanic replaced the pressure switch and the air hose. The pump station was back operational at 13:00hrs. MH# 242-00007.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of bleach and one gallon of Champ disinfectant were used to sanitize the site.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	White Bayou	7,620	242	88	65	7.05	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
9/11/2017	10447 Durmast Dr.	Pump Station # 249 was down - high wet well - the pump station mechanic found the low float was hung up. Pump station mechanic re-set the floats. The pump station was back operational at 12:56hrs. MH# 249-00012.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using ten gallons of Cheri-Pits. Two gallons of Champ disinfectant and thirty-six gallons of bleach were used to sanitize the canal.	Scheduled maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Draughan Creek	5,691	249	232	84	6.7	
9/14/2017	620 Scaup St.	There was evidence of sewage discharge around the city's 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# 046-00256.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was washed with fresh water and deodorized with three gallons of Master Scent. Three gallons of Champ disinfectant and four 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 review prior CCTV data for debris/roots/grease in the sewer lines.	None	25	46	286	92	6.43	
9/15/2017	5862 N. Sunset Hill Ave.	There was a stoppage found in the city's main collection line causing the sewer manhole to overflow. MH# 052-00893.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	25	52	215	84	6.63	
9/16/2017	21011 Jon Michelle Dr.	Pump Station # 298 was down - high wet well - the pump station mechanic found a bad compressor pressure switch. Pump station mechanic replaced the compressor pressure switch and the pump station was back in service at 23:00hrs. MH# 298-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site washed with fresh water and deodorized using five gallons of Cheri-Pits and five gallons of Beta Magic was also used to deodorize the area.	Schedule maintenance records will document operational status of the pump station and make adjustment when needed. Pump station not yet connected to SCADA for remote monitoring.	Wind Bayou	4,320	298	234	94	6.77	

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
9/18/2017	855 Progress Rd.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a Air Release Valve that was malfunctioning. The Service Inspector did not witness the active overflow. MH# 046-00320A.	Recorded sewage discharge and dispatched wash truck to clean the area. The area was washed with fresh water and deodorized with one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of bleach were used to sanitize the site. Two and one half gallons of Beta Magic was also used to deodorize the area.	The pump station section was contacted to dispatch a crew to repair the faulty Air Release Valve.	Monte Sano Bayou	75	46	152	68	6.67	
9/19/2017	7911 Velie St.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a stoppage the city's main collection line. The Service Inspector did not witness the active overflow. MH# 044-00712D.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using two gallons of Master Scent. Two gallons of Champ disinfectant and one gallon of bleach were used to sanitize the site.	We will review prior CCTV data for debris/roots/grease in the sewer lines.	None	25	44	78	94	7.19	
9/19/2017	12010 Cardigan Ave.	There was evidence of sewage discharge around the six inch clean-out. The discharge was caused by a stoppage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 183-00034.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant was used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices.	None	25	183	247	78	6.8	
9/20/2017	2416 McBan Circle	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a blockage in the four inch service lateral. The Service Inspector did not witness the active overflow. MH# 046-00826.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site was washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of Lemonall were used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices.	None	25	46	216	113	6.94	

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

NORTH Sewer District Collection System LPDES LA0036439A# 4843  
07/01/2017 To 09/30/2017

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	ARG
9/27/2017	6319 N. Bristlecone Court	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a four inch force main leak. The Service Inspector did not witness the active overflow. MH# 285-00021.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with eight gallons of Master Scent. Twelve gallons of Champ disinfectant thirty-six gallons of Lemon-All were used to sanitize the site.	The four inch force main was repaired with eight feet of four inch pipe. The repair was completed on 9-28-2017 at 15:30hrs.	Draughan Creek	125	285	208	100	6.47	
9/28/2017	2416 McBan Circle	There was evidence of sewage discharge around the homeowner's four inch clean-out. The discharge was caused by a blockage in the six inch service lateral. The Service Inspector did not witness the active overflow. MH# 046-00826.	Recorded sewage discharge and dispatched wash truck to clear the blockage. The site washed with fresh water and deodorized using one gallon of Master Scent. One gallon of Champ disinfectant and one gallon of Lemon-All were used to sanitize the site.	Advised the resident and provided a flyer indicating the best practices.	None	25	46	213	94	6.49	
9/28/2017	6542 Christopher Ave.	There was evidence of sewage discharge around the city's sewer manhole. The discharge was caused by a four inch force main leak. The Service Inspector did not witness the active overflow. MH# 164-00027.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with eight gallons of Master Scent. Twelve gallons of Champ disinfectant thirty-six gallons of Lemon-All and ten gallons of bleach were used to sanitize the site.	The four inch force main was repaired with eight feet of four inch pipe. The repair was completed on 9-28-2017 at 15:30hrs.	Draughan Creek	100	164	213	94	6.49	
9/29/2017	17070 Greenwell Springs Rd.	There was evidence of sewage discharge in the canal. The discharge was caused by a leaking four inch force main. MH# 449-00011.	Recorded sewage discharge and dispatched wash truck to clean the area. The canal was back flushed with fresh water and deodorized using six gallons of Master Scent. Six gallons of Champ disinfectant and three gallons of bleach were used to sanitize the site.	A work order has been issued to have the repair should be completed by 10-4-2017. A directional bore was conducted to replace the four inch force main line.	Draughan Creek	5,000	449	262	128	6.76	



## Cheryl Berry

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**From:** Cynthia D. Thomas  
**Sent:** Wednesday, August 16, 2017 1:58 PM  
**To:** spoc@LA.GOV; whitten-hill.darlene@epa.gov; William Daniel; Adam M. Smith; Justin Sharper; Calvin Hayes; Matthew A. Bizot; Cheryl Berry; Gregory Lewis; Sarah Boudreaux; Michael Lowe  
**Cc:** Pat Smith; Kimberly Coleman; Angeline Neal  
**Subject:** NORTH TREATMENT PLANT - LA0036439 AI#4843 ; Anticipated Bypass/Overflow

North Treatment Plant LA0036439 AI# 4843  
50 Woodpecker Street  
Baton Rouge, LA 70807

Beginning Date: 08/16/2017  
Beginning Time: 0600 hours

Ending Date: 08/16/2017  
Ending Time: 0605 hours

The North Wastewater Treatment Plant had an overflow that occurring during a scheduled power outage by the private contractors, Ernest P. Breaux Electric, LLC, Siemens Electric, and power provider, Entergy. This scheduled power outage was performed to complete preventative maintenance, construction and equipment replacement respectively. During this time an estimated 40 gallons of influent gravity wastewater overflowed and was contained within the gravity influent building. Approximately 2 gallons of Mint deodorizer was used for disinfection during cleanup measures. The Sanitary Sewer Overflow Response Plan was followed during this incident. If necessary a written report will follow.

**NOTE: If you have any further questions or concerns please contact Mr. Calvin Hayes, the North Wastewater Treatment Plant Supervisor at (225) 389-5582.**

*Thanks,*

*Cynthia Thomas*

***Wastewater Treatment Laboratory***

*Department of Environmental Services*

*City of Baton Rouge/Parish of East Baton Rouge*

*2443 River Rd. Baton Rouge, LA 70802*

*Ph (225) 389-3240, ext. 409*

*Fax (225) 389-3111*



September 5, 2017

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

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036412 AI# 4841  
PS 31 Bypass

Dear Sir/Madame:

There were issues with PS 31 (dry weather side) and PS 31A (wet weather side) on Wednesday, August 30<sup>th</sup>. There was a blockage in the downstream 18" collection line preventing the operation of PS 31 at design capacity. Mechanical failures at PS 31A resulted in the installation of a bypass pump but that pump alone could not handle the influent flows that occurred due to the rain event. Several sanitary sewer overflows (SSOs) and backups into residences occurred as a result. A larger bypass connection and pump were ordered but not available until the following day. The decision was made to divert flows into a tributary to Jones Creek to stop the SSOs and backups. This operation began at 7:30 pm on August 30<sup>th</sup> and ended at 5:00 am on August 31<sup>st</sup>. During this time, an estimated 712,500 gallons of raw wastewater were discharged into the drainage canal. This incident was reported to SPOC.

Since that time a larger bypass connection and pump have been installed at PS 31A. The 18" collection line is being cleared of blockages so PS 31 can operate at capacity. All of this work is temporary as PS 31 is currently being upgraded as part of the SSO Program. The new PS 31 will have twice the capacity of the existing. The upgraded PS 31 has an anticipated completion date of July 2018. The existing PS 31 will be monitored closely in the interim.

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

Sincerely yours,

Adam M. Smith, PE  
Chief of Wastewater Operations & Maintenance

cc: Lea Anne Batson, Parish Attorney  
William B. Daniel, IV, PE, Environmental Services Director  
Cheryl Berry, PE, Special Projects Engineer  
Stanley R. Redmond, Pump Maintenance Manager



August 4, 2017

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

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036412 AI# 4841  
PS 50 Bypass

Dear Sir/Madame:

On the morning of Friday, July 28<sup>th</sup>, our pump mechanic assigned to PS 50 found the dry pit flooded during our regularly scheduled inspection. He further investigated and found pump #4 dislodged from the volute. Our pump mechanic could not safely enter the dry pit to close the isolation valves for that pump due to the water level in the dry pit.

This pump station does not have a bypass connection on the 20" force main. An emergency bypass connection was considered but 20" fittings were not readily available, and the discharge manhole is nearly 1,600 feet from the pump station. It was not feasible to install a temporary bypass line of this length because it would have had to cross about a dozen driveways to residences or the median in three locations in addition to crossing Sherwood Forest Boulevard in one location. The decision was made to bypass into Jones Creek to pump then system down as soon as possible so the dry pit could be safely accessed. This operation began with two bypass pumps at approximately 12:30 pm on July 28<sup>th</sup>. A third bypass pump was added at 6:30 pm that evening with the intention of pumping down the dry pit overnight. Upstream flows were diverted to storage tanks on the morning of July 29<sup>th</sup> to reduce the inflows to be bypassed. Unfortunately, we were still unable to overcome the incoming flows so a fourth bypass pump was placed in the wet well at 12:30 pm on July 30<sup>th</sup>. Flows were bypassed to Jones Creek until approximately 4:00 pm on July 31<sup>st</sup> at which time the isolation valves for pump #4 were closed. During this time, an estimated 12,400,000 gallons of raw wastewater were discharged into Jones Creek. Disinfectant and deodorizer were placed in the landscaped area on the north side of the PS 50 site. The hoses of the bypass pumps were placed such that the raw wastewater flowed on top of the disinfectant prior to entering Jones Creek. This was done in an effort to provide some form of treatment without overdosing and adversely affecting aquatic life. This incident was reported to SPOC.

PS 50 is currently being upgraded as part of the SSO Program. The new 36" force main from PS 50 to PS 58 is complete. A connection to the new force main began on the morning of August 1<sup>st</sup> and was completed on the afternoon of August 3<sup>rd</sup>. A connection to the 20" force main will be made in the near future. This will provide the ability to connect bypass pumps to either force main. The upgraded PS 50 has an anticipated completion date of July 2018. The existing PS 50 will be monitored closely in the interim.

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

Sincerely yours,

Adam M. Smith, PE  
Chief of Wastewater Operations & Maintenance

cc: Lea Anne Batson, Parish Attorney  
William B. Daniel, IV, PE, Environmental Services Director  
Cheryl Berry, PE, Special Projects Engineer  
Stanley R. Redmond, Pump Maintenance Manager

**Part E:**  
Consent Decree  
Compliance Status

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

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

### Compliance Status

- The City/Parish was not in compliance with the South Wastewater Treatment Plant LPDES Permit No. LA0036412 AI# 4841 during the reporting period. The South Wastewater Treatment Plant (SWWTP) exceeded the Fecal Coliform weekly average and the Total Suspend Solids weekly and monthly averages 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 \$7,000.00. Non-compliance was due to operational issues at the SWWTP.

During this reporting period, RSS pump 43-3-1 was down causing a high sludge blank level in clarifiers' number 9 and 10, allowing fine solids to flow over weirs. Clarifier number 4 was also pump down for rake repair during this period. Further noncompliance is not anticipated.

SWWTP	Permit Level	3 <sup>rd</sup> Quarter 2017			Stipulated Penalty		
		Jul	Aug	Sept	# of Occurrences	Per Occurrence	Total
<b>BOD</b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	14,512	C	C	C			
Percent Removal	75%	C	C	C			
<b>TSS</b>							
7-Day Avg. (mg/l)	45	C	106	C	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	30	C	39	C	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	14,512	C	16,725	C	1	\$2,500	\$2,500
Percent Removal	75%	C	C	C			
<b>TRC*</b>							
7-Day Avg.(mg/l)	1.02	C	C	C			
Monthly Avg.(mg/l)	0.43	C	C	C			
<b>Fecal Coliform</b>							
7-Day Avg. (mg/l)	400 col/100ml	1136	C	C	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
<b>Total</b>							<b>\$7,000</b>

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

**Part E - Consent Decree Compliance Status**

2. The City/Parish was in compliance with the North Wastewater Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period.

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 07/ 01 / 17 to 09/ 30 / 17. If not, see comments above.