



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 21

---

**July 23, 2007**



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

July 25, 2007

### 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  
Twenty First Quarterly Report - Period Ending June 30, 2007

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 21<sup>th</sup> Consent Decree Quarterly Report covering activities for the quarter ending June 30, 2007. 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 21<sup>th</sup> Consent Decree Quarterly Report to the US EPA and LDEQ and one copy to the US DOJ and City/Parish DPW.

I certify that the information contained in or accompanying this Twenty First 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.

**CITY-PARISH DEPARTMENTAL MEMORANDUM  
WASTEWATER TREATMENT AND DISPOSAL DIVISION**

2443 River Road  
Baton Rouge, LA 70802

**Date:** July 23, 2007

**To:** Mr. Walter Jenkins, Wastewater Treatment and Disposal Division  
Mr. David Ratcliff, Wastewater Collection Division  
Mr. E. J. Amato, Field Engineer Division

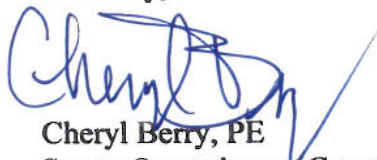
**From:** Mrs. Cheryl P. Berry, P.E., Wastewater Treatment and Disposal Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Twenty First Quarterly Report – Period Ending June 30, 2007  
Data Review

Gentlemen:

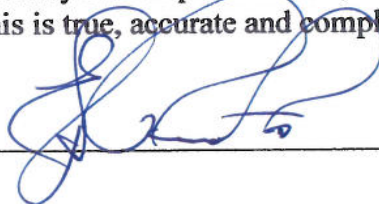
Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Twenty First Quarterly Report. Once the review of your portion of data is complete and corrected,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

Sincerely,



Cheryl Berry, PE  
Sewer Operations – General Administration

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xc: Document Control

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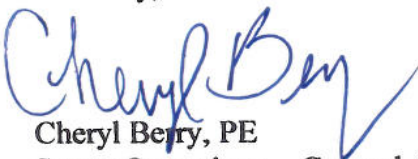
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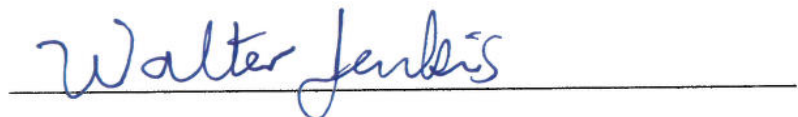
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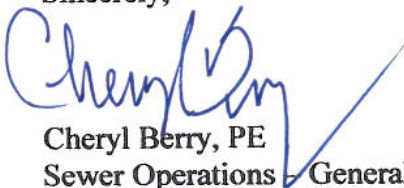
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**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Summary of Activity Totals**  
**April 1 - June 30, 2007**

Summary of Activities	1st Quarter (20)		2nd Quarter (21)		3rd Quarter (22)		4th Quarter (23)		Totals		
	20th Quarterly Total	Cum. % Complete	21th Quarterly Total	Cum. % Complete	22th Quarterly Total	Cum. % Complete	23th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>											
Lines Cleaned (ft)	183,194	32%	136,807	56%	0	56%	0	56%	320,001	56%	570,000
CCTV Inspected (ft)	103,544	18%	66,817	30%	0	30%	0	30%	170,361	30%	570,000
Smoke Tested (ft)	42,041		18,090		0		0		60,131		----
Smoke Tested (no. of locations)	6		2		0		0		8		----
Dye Water Flooded (no. of locations)	6		2		0		0		8		----
Manholes Inspected (no.)	2,045	82%	1,207	130%	0	130%	0	130%	3,252	130%	2,500
Lines Repaired (no.)	468		561		0		0		1,029		----
MH Rehabbed (no.)	21		17		0		0		38		----
<b>Force Mains (240 miles)</b>											
Visual Surface Inspection (miles)	47.2	39%	46.5	78%	0.0	78%	0.0	78%	93.7	78%	120
Repaired (no.)	3		6		0		0		9		----
<b>Air Release Valves (604)</b>											
Inspected/Maintained	302	31%	297	62%	0	62%	0	62%	599	62%	960 to 1,200
Repaired (no.)	141		131		0		0		272		----
<b>Pump &amp; Lift Stations (421)</b>											
Inspections (no.)	17,004	38%	17,764	77%	0	77%	0	77%	34,768	77%	45,136
Wet wells cleaned	112		141		0		0		253		----
Repaired (no.)	27		23		0		0		50		----
<b>Peak Flow Storage Facilities (2)</b>											
Little Peak site visits	39	38%	39	75%	0	75%	0	75%	78	75%	104
Big Peak site visits	39	38%	39	75%	0	75%	0	75%	78	75%	104

**25%**                      **50%**                      **75%**                      **100%**

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

**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
**April 1 - June 30, 2007**

**North Plant- LA0036439**

Summary of Activities	1st Quarter (EPA Report No. 20)						2nd Quarter (EPA Report No. 21)							
	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	
<b>Gravity Collection System</b> (2,460,000ft/10,640MH)														
Lines Cleaned (ft)	30,600				669	31,269	5%	28,800				28,800	11%	
CCTV Inspected (ft)	330				669	999	0%	390				390	0%	
Smoke Tested (ft)					1,028	1,028				6,045		6,045		
Smoke Tested (no. of locations)						0				2		2		
Dye Water Flooded (no. of locations)										2		2		
Manholes Inspected (no.)					5	495	20%			24		24	22%	
Lines Repaired (no.)	96				124	220		97				122		
MH Rehabbed (no.)	4					4		3				3		
<b>Force Mains (120 miles)</b>														
Visual Surface Inspection (miles)						27.8	23%					28.3	47%	
Repaired (no.)	1					1						0		
<b>Air Release Valves (335)</b>														
Inspected/Maintained						178	19%					181	37%	
Repaired (no.)						66						71		
<b>Pump &amp; Lift Stations (141)</b>														
Inspections (no.)						5,382	12%					5,658	24%	
Wet wells cleaned						46						43		
Repaired (no.)						16						10		

Rout.-Routine Maintenance  
 Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
April 1 - June 30, 2007**

**Central Plant-LA0036421**

Summary of Activities	1st Quarter (EPA Report No. 20)						2nd Quarter (EPA Report No. 21)							
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	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 (1,410,000ft/5,760MH)</b>														
Lines Cleaned (ft)		9,600						5,400				14,886	20,286	5%
CCTV Inspected (ft)		120						270				14,886	15,156	3%
Smoke Tested (ft)					10,509								0	
Smoke Tested (no. of locations)					2								0	
Dye Water Flooded (no. of locations)					2								0	
Manholes Inspected (no.)					74	25	99					80	175	4%
Lines Repaired (no.)		42			37		79	95					2	
MH Rehabbed (no.)		2					2							
<b>Force Mains (10 miles)</b>														
Visual Surface Inspection (miles)														
Repaired (no.)							0.0	1.1					1.1	1%
<b>Air Release Valves (18)</b>														
Inspected/Maintained														
Repaired (no.)							0	7					7	1%
<b>Pump &amp; Lift Stations (21)</b>														
Inspections (no.)														
Wet wells cleaned							858	902					902	4%
Repaired (no.)							25	49					49	
							0	1					1	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance



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

April 1 - June 30, 2007

**South Plant-LA0036412**

Summary of Activities	1st Quarter (EPA Report No. 20)				2nd Quarter (EPA Report No. 21)				*Cum. % Complete	
	WWC (w/AMP)		WWC-PS		WWC (w/AMP)		WWC- PS			Quarterly Total
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)		
Field Engr. (Rout.)	Field Engr. (Corr.)	Field Engr. (Rout.)	Field Engr. (Corr.)	Field Engr. (Rout.)	Field Engr. (Corr.)	Field Engr. (Rout.)	Field Engr. (Corr.)	*Cum. % Complete		
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>										
Lines Cleaned (ft)	40,500				101,825			50,821	87,721	40%
CCTV Inspected (ft)	600				101,825			50,821	51,271	27%
Smoke Tested (ft)					30,504			12,045	12,045	
Smoke Tested (no. of locations)			4		4				0	
Dye Water Flooded (no. of locations)			4		4				0	
Manholes Inspected (no.)			148		1,298			76	1,086	104%
Lines Repaired (no.)	168				1				2	167
MH Rehabbed (no.)	15				15				12	12
<b>Force Mains (110 miles)</b>										
Visual Surface Inspection (miles)			19.4						17.1	17.1
Repaired (no.)	2								3	6
<b>Air Release Valves (251)</b>										
Inspected/Maintained			124						109	109
Repaired (no.)				74					58	58
<b>Pump &amp; Lift Stations (259)</b>										
Inspections (no.)			10,764						11,204	11,204
Wet wells cleaned			41						49	49
Repaired (no.)				11					11	12
<b>Peak Flow Storage Facilities (2)</b>										
Little Peak site visits			39						39	39
Big Peak site visits			39						39	39

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

# Table of Contents

	<u>PART</u>
<b>CROSS CONNECTION ELIMINATION PLAN</b>	<b>A</b>
<b>COLLECTION SYSTEM PREVENTIVE MAINTENANCE PROGRAM (PMP)</b>	<b>B</b>
<b>SANITARY SEWER OVERFLOW RESPONSE PLAN (SSORP)</b>	<b>C</b>
<b>REPORTING OF UNAUTHORIZED DISCHARGES</b>	<b>D</b>
<b>CONSENT DECREE COMPLIANCE STATUS</b>	<b>E</b>

**Part A:**  
**Cross Connection**  
**Elimination Plan**

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

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

**Summary of Activities**

No cross connections were discovered during this quarter. There is no anticipated non-compliance. During the reporting period 18,090 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>Central Plant LA0036421 AI# 4842</b>	<b>South Plant LA0036412 AI# 4841</b>	<b>Total</b>
Total No. of Cross Connections Identified:	0	0	0	0
Total No. of Cross Connections Eliminated:	0	0	0	0
Total No. of Private Cross Connections Identified:	0	0	0	0
Total No. of Private Cross Connections Eliminated:	0	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						
2						
3						
<b>Central Plant (LA0036421 AI# 4842)</b>						
1						
2						
3						
<b>South Plant (LA0036412 AI# 4841)</b>						
1						
2						
3						

The City/Parish  [is]  [is not] in compliance with Section VIII Elimination of Cross Connections for the period 04 / 1 / 07 to 06 / 30 / 07. 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 we 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 achieved this quarter with one exception. The CCTV inspection is the only activity that did not reach the 50% quarterly goal; it reached 30% of the annual goal. These operations were slowed due to the proposed changes in the RMAP2 projects. A new sewer program manager was selected and with their assistance we hope to implement a new Asset Management Program which will help us reach our quarterly and annual goals this year. We do not anticipate any non-compliance related to preventive maintenance activities in the future.

We provided information for each treatment plant service area and 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 Apr.-Jun. 2007</b>	<b>Cumulative 2007 Annual Total</b>	<b>2007 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	136,807	320,001	570,000
CCTV Inspected (ft)	66,817	170,361	570,000
Smoke Tested (ft)	18,090	60,131	----
Smoke Tested (no. of locations)	2	8	----
Dye Water Flooded (no. of locations)	2	8	----
Manholes Inspected (no.)	1,207	3,252	2,500
Lines Repaired (no.)	561	1,029	----
MH Rehabbed (no.)	17	38	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	46.5	93.7	120
Repaired (no.)	6	9	----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	297	599	960 to 1,200
Repaired (no.)	131	272	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	17,764	34,768	45,136
Wet wells cleaned	141	253	----
Repaired (no.)	23	50	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits	39	78	104
Big Peak site visits	39	78	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 04/ 01 / 07 to 06/ 30 / 07. 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 Apr-Jun 2007</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	0	28,800	28,800
CCTV Inspected (ft)	0	390	390
Smoke Tested (ft)	6,045	0	6,045
Smoke Tested (no. of locations)	2	0	2
Dye Water Flooded (no. of locations)	2	0	2
Manholes Inspected (no.)	45	0	45
Lines Repaired (no.)	122	97	219
MH Rehabbed (no.)	0	3	3
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	28.3	0	28.3
Repaired (no.)	0	0	0
<b>Air Release Valves (335)</b>			
Inspected / Maintained	181	0	181
Repaired (no.)	0	71	71
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	5,658	0	5,658
Wet wells cleaned	43	0	43
Repaired (no.)	0	10	10

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**

**Central Plant (LA0036421 AI# 4842)**

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Apr– Jun 2007</u>
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>			
Lines Cleaned (ft)	14,886	5,400	20,286
CCTV Inspected (ft)	14,886	270	15,156
Smoke Tested (ft)	0	0	0
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	0	0	0
Lines Repaired (no.)	80	95	175
MH Rehabbed (no.)	0	2	2
<b>Force Mains (10 miles)</b>			
Visual Surface Inspection (miles)	1.1	0.0	1.1
Repaired (no.)	0	0	0.0
<b>Air Release Valves (18)</b>			
Inspected / Maintained	7	0	7
Repaired (no.)	0	2	2
<b>Pump &amp; Lift Stations (21)</b>			
Inspections (no.)	902	0	902
Wet wells cleaned	49	0	49
Repaired (no.)	0	1	1

**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.

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**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 Apr-Jun 2007</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	50,821	36,900	87,721
CCTV Inspected (ft)	50,821	450	51,271
Smoke Tested (ft)	12,045	0	12,045
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	1,162	0	1,162
Lines Repaired (no.)	2	165	167
MH Rehabbed (no.)	0	12	12
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	17.1	0.0	17.1
Repaired (no.)	3	3	6
<b>Air Release Valves (251)</b>			
Inspected / Maintained	109	0	109
Repaired (no.)	0	58	58
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	11,204	0	11,204
Wet wells cleaned	49	0	49
Repaired (no.)	1	11	12
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits	39	0	39
Big Peak site visits	39	0	39

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 16 Sanitary Sewer Overflows (SSOs) were responded to during this reporting period. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows – including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge reported. There were no problems encountered in following the SSO Response Plan. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>3</b>
Central Plant-LA0036421 AI # 4842 Collection System	<b>4</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>9</b>
<b>Total</b>	<b>16</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 04 / 1 / 07 to 06 / 30 / 07. 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 all unauthorized discharges discovered 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.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>3</b>
Central Plant-LA0036421 AI # 4842 Collection System	<b>4</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>9</b>
<b>Total</b>	<b>16</b>

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

There were no unusual SSOs, but there were one unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. This one event occurred during a heavy rainfall event. (See attached correspondence).

Implementation of the Remedial Measures Action Plan (RMAP) projects will not prevent the recurrence of the above unauthorized discharges, but the RMAP projects will prevent the recurrence of unauthorized discharges due exclusively to wet weather events less than or equal to the modeled design storm.

The City/Parish  [is]  [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 04/ 01 / 07 to 06 / 30 / 07. If not, see comments above.

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

SOUTH Date	Sewer District Address	Collection System Cause	LPDES LA0036412 AI#4841 Action	4/1/2007	Prevention	TO	6/30/2007	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/6/2007	3952 Woodland hill Ct	Overflow caused from Pump Station failure 403-00034	Washed down area, deodorized and disinfected.		Continue preventive maintenance/Monitor for recurrence.			none	200	403	172	146	7.05
4/9/2007	10049 Reiger Rd.	Overflow caused from Pump Station failure 355-00001	Washed down area, deodorized and disinfected.		Continue preventive maintenance/Monitor for recurrence.			none	200	355	168	162	7.13
5/4/2007	2470 Woodland Ridge	Overflow caused from Surcharged Conditions 066-00135	Washed down area, deodorized and disinfected.		Implement RMAP Project			Jones Creek	7,623	66	102	232	7
5/4/2007	9940 Great Smokey	Overflow caused from Surcharged Conditions 051-00193	Washed down area, deodorized and disinfected.		Implement RMAP Project			none	90,192	51	102	232	7
5/4/2007	1424 Sherwood Forest	Overflow caused from Surcharged Conditions 050-00530	Washed down area, deodorized and disinfected.		Implement RMAP Project			Jones Creek	57,976	50	102	232	7
5/4/2007	1388 Sherwood Forest	Overflow caused from Surcharged Conditions 050-00530A	Washed down area, deodorized and disinfected.		Implement RMAP Project			Jones Creek	73,836	50	102	232	7
5/4/2007	1423 Sherwood Forest	Overflow caused from Surcharged Conditions 050-00528	Washed down area, deodorized and disinfected.		Implement RMAP Project			Jones Creek	77,505	50	102	232	7
5/4/2007	11378 Ashbourne	Overflow caused from Surcharged Conditions 050-00526	Washed down area, deodorized and disinfected.		Implement RMAP Project			Jones Creek	56,227	50	102	232	7
5/8/2007	Shadland	Overflow caused from Stoppage in collection line 148-00088	Washed down area, deodorized and disinfected.		Continue preventive maintenance.			none	200	148	152	144	6.86



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

Date	Address	Cause	Action	4/1/2007	TO	6/30/2007	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/23/2007	2784 July	Overflow caused from stoppage in collection MH#001-00338	Washed down area, deodorized and disinfected.				Continue preventive maintenance.	none	200	001-00338	220	220	7.26
5/4/2007	3526 Lakeshore	Overflow caused from Surcharged Conditions 002-01390B	Washed down area, deodorized and disinfected.				Implement RMAP Project	Dawson Creek	66138	2	38	214	7.15
5/4/2007	3556 Lakeshore	Overflow caused from Surcharged Conditions 002-1290B	Washed down area, deodorized and disinfected.				Implement RMAP Project	Dawson Creek	53379	2	38	214	7.15
5/4/2007	2147 E. Lakeshore	Overflow caused from Surcharged Conditions 010-04926	Washed down area, deodorized and disinfected.				Implement RMAP Project	Dawson Creek	149882	10	38	214	7.15

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

NORTH Sewer District Collection System LPDES LA0036439A/F# 4843		TO		6/30/2007									
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH			
4/5/2007	6744 Buttonwood	Overflow caused from stoppage in collection 047-00112	Washed down area, deodorized and disinfected.	Implement RMAP Project	none	200	47	140	207	7.25			
5/4/2007	4275 Cypress	Overflow caused from Surcharged Conditions 065-00100B	Washed down area, deodorized and disinfected.	Implement RMAP Project	Baker Canal	200	65	30	348	6.67			
5/8/2007	3725 Webb	Overflow caused from Surcharged Conditions 024-00509	Washed down area, deodorized and disinfected.	Implement RMAP Project	none	200	24	152	208	7.15			



**Department of Public Works**

Wastewater Collection Division

City of Baton Rouge  
Parish of East Baton Rouge  
Post Office Box 1471  
Baton Rouge, Louisiana  
70821

May 10, 2007

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

Attention: Vivian Hare

Re: LPDES Permit No. LA0036421 AI#4842  
2147 East Lakeshore Drive - Overflow - PS 010 Area

Dear Ms. Hare:

This letter is to provide information regarding an overflow at 2147 East Lakeshore Drive. (Manhole 010-04926), which occurred from approximately 8:00 a.m. May 4, 2007 to 7:00 p.m. May 4, 2007. During this time, an estimated 149,882 gallons of untreated sewage was released to Dawson Creek.

The overflow was due to a heavy rainfall event, which consisted of approximately 6.00 inches of rain. Remedial measures action plan (RMAP) projects are being implemented to prevent recurrence of similar future overflows in this area due to wet-weather events. Procedures outlined in the SSO Response Plan were followed during the incident.

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

Sincerely yours,

Peter Newkirk  
Department of Public Works Director

PN/rh

xc: Monica Sprull, Assistant to the Director  
Rick Wright, P.E.  
Cheryl Berry, P.E.  
Robert Groht, Jr., Wastewater Treatment Plant Manager  
David Ratcliff, Wastewater Collection Systems Manager  
Wade Shows, Parish Attorney

**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 Treatment Plant LPDES Permit No. LA0036412 AI# 4841 during the reporting period. The South Wastewater Treatment Plant (SWWTP) exceeded the permit effluent limits for the BOD monthly averages, BOD 7-Day average and for the BOD percent removal, for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the South Plant during this reporting period is \$22,500. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

Primary basin #4 was out of service due to insufficient screening. The flight drives were damaged by rags. This basin was completely refurbished, and returned to service on February 24, 2007. During this reporting period belt press filtrate from Digester #3 and #4 cleaning project was being dumped into the plant influent station, this filtrate contained high levels of BOD loading, causing the plant effluent to exceed the permit limit for this reporting period. The Digester cleaning project is schedule to be completed in July 2007. Noncompliance is anticipated until August 31, 2007.

SWWTP	Permit Level	2 <sup>nd</sup> Quarter 2007			Stipulated Penalty		
		Apr.	May	Jun.	# of Occurrences	Per Occurrence	Total
<b>BOD</b>							
7-Day Avg. (mg/l)	45	52	53	C	2	\$1,000	\$2,000
		47	46		2	\$1,000	\$2,000
		49			1	\$1,000	\$1000
Monthly Avg. (mg/l)	30	48	45	38	3	\$2,500	\$7,500
Monthly Avg. (lbs/day)	13,511	14,200	14,519	C	2	\$2,500	\$5,000
Percent Removal	75%	70	70	C	2	\$2,500	\$5,000
<b>TSS</b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<b>TRC</b>							
Monthly Max (mg/l)	0.46	C	C	C			
<b>Fecal Coliform</b>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
<b>Total</b>							<b>\$22,500</b>

C-Compliance

**Part E - Consent Decree Compliance Status**

2. The City/Parish was in compliance with the North Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period.
3. The City/Parish was in compliance with the Central Treatment Plant LPDES Permit No. LA0036421 AI# 4842 during the reporting period

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 04/ 01 / 07 to 06 / 30 / 07. If not, see comments above.