



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 17

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**July 28, 2006**



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

July 28, 2006

### 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  
Seventeenth Quarterly Report - **Period Ending June 30, 2006**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 17<sup>th</sup> Consent Decree Quarterly Report covering activities for the quarter ending June 30, 2006. 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

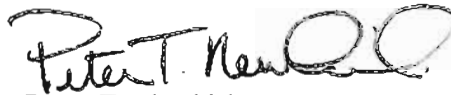
These activities are described in Sections VIII, IX, X, XI, XX and XXI of the Consent Decree.

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 17<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 Seventeenth 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.

Sincerely,

A handwritten signature in black ink that reads "Peter T. Newkirk". The signature is written in a cursive style with a large, looped "P" and "K".

Peter T. Newkirk  
Director of Public Works

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President  
Mr. Walter Monsour, Chief Administrative Officer  
Chief, Environmental Enforcement Section, US DOJ  
Ms. Peggy Hatch, LDEQ  
Mr. Harold Leggett, LDEQ  
Ms. Mona Bates, US EPA Region 6  
Mr. Carlos Zequeira, (6RC-EA)  
Ms. Gladys Gooden-Jackson, (6EN-WC)  
Mr. Wade Shows  
Mr. Mark LeBlanc  
Mr. Bryan Harmon  
Mr. Richard Wright  
Mr. Walter Jenkins  
Mr. David Ratcliff

CITY-PARISH DEPARTMENTAL MEMORANDUM

SEWER DIVISION

300 North Boulevard, Suite 404  
Baton Rouge, LA 70802

Date: July 21, 2006

**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., Sewer Operations – General Administration Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Sixteenth Quarterly Report – Period Ending June 30, 2006  
Data Review

Gentlemen:

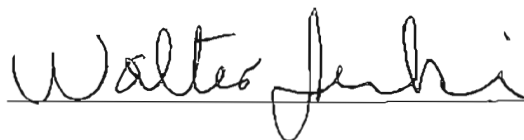
Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Seventeenth Quarterly Report. Once the review of your portion of data is complete and corrected,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

Sincerely,



Cheryl Berry, PE  
Sewer Operations – General Administration

I certify that the information contained in or accompanying the portion of the Sixteenth 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.



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# CITY-PARISH DEPARTMENTAL MEMORANDUM

## SEWER DIVISION

300 North Boulevard, Suite 404  
Baton Rouge, LA 70802

Date: July 21, 2006

**To:** Mr. Walter Jenkins, Wastewater Treatment and Disposal Division  
Mr. David Ratcliff, Wastewater Collection Division  
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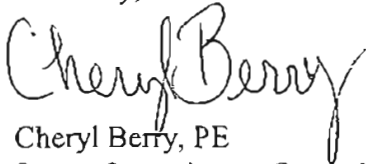
**From:** Mrs. Cheryl P. Berry, P.E., Sewer Operations – General Administration Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Sixteenth Quarterly Report – Period Ending June 30, 2006  
Data Review

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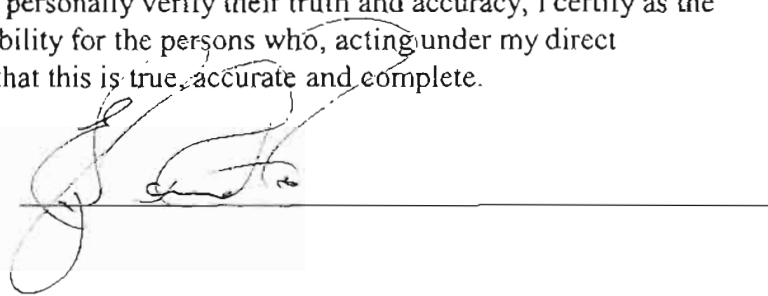
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Sewer Operations – General Administration

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**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Summary of Activity Totals**  
**April 1 - June 30, 2006**

Summary of Activities	1st Quarter (16)		2nd Quarter (17)		3rd Quarter (18)		4th Quarter (19)		Totals		
	16th Quarterly Total	Cum. % Complete	17th Quarterly Total	Cum. % Complete	18th Quarterly Total	Cum. % Complete	19th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>											
Lines Cleaned (ft)	331,278	58%	209,908	95%	0	95%	0	95%	541,186	95%	570,000
CCTV Inspected (ft)	221,240	39%	132,377	62%	0	62%	0	62%	353,617	62%	570,000
Smoke Tested (ft)	158,665		6,773		0		0		165,438		----
Smoke Tested (no. of locations)	9		0		0		0		9		----
Dye Water Flooded (no. of locations)	9		0		0		0		9		----
Manholes Inspected (no.)	3,747	150%	3,901	306%	0	306%	0	306%	7,648	306%	2,500
Lines Repaired (no.)	535		502		0		0		1,037		----
MH Rehabbed (no.)	103		227		0		0		330		----
<b>Force Mains (240 miles)</b>											
Visual Surface Inspection (miles)	37.2	31%	46.5	70%	0.0	70%	0.0	70%	83.7	70%	120
Repaired (no.)	2		5		0		0		7		----
<b>Air Release Valves (604)</b>											
Inspected/Maintained	238	25%	297	56%	0	56%	0	56%	535	56%	960 to 1,200
Repaired (no.)	105		131		0		0		236		----
<b>Pump &amp; Lift Stations (421)</b>											
Inspections (no.)	16,692	37%	16,692	74%	0	74%	0	74%	33,384	74%	45,136
Wet wells cleaned	111		75		0		0		186		----
Repaired (no.)	20		6		0		0		26		----
<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

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  
April 1 - June 30, 2006

**North Plant- LA0036439**

Summary of Activities	1st Quarter (EPA Report No. 16)							2nd Quarter (EPA Report No. 17)								
	WWC (w/AMP)		WWT		SOGA	SOGA- corr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWT		SOGA	SOGA- corr.	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)		35,400					35,400	6%		29,700					29,700	11%
CCTV Inspected (ft)		180					180	0%		150					150	0%
Smoke Tested (ft)					18,975		18,975								0	
Smoke Tested (no. of locations)					6		6								0	
Dye Water Flooded (no. of locations)					6		6								0	
Manholes Inspected (no.)					81	42	123	5%						904	904	41%
Lines Repaired (no.)		95					180			101				195	296	
MH Rehabbed (no.)		13					33			7				131	138	
<b>Force Mains (120 miles)</b>																
Visual Surface Inspection (miles)				27.5			27.5	23%				28.3			28	47%
Repaired (no.)							0			3					3	
<b>Air Release Valves (335)</b>																
Inspected/Maintained				176			176	18%				181			181	37%
Repaired (no.)					74		74					71			71	
<b>Pump &amp; Lift Stations (141)</b>																
Inspections (no.)				5,382			5,382	12%				5,382			5,382	24%
Wet wells cleaned				27			27					32			32	
Repaired (no.)					14		14					1			1	

Rout.-Routine Maintenance  
Corr -Corrective Maintenance

Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
April 1 - June 30, 2006

**Central Plant-LA0036421**

Summary of Activities	1st Quarter (EPA Report No. 16)							2nd Quarter (EPA Report No. 17)							
	WWC (w/AMP)		WWT		SOGA	SOGA- contr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWT		SOGA	SOGA- contr.	Quarterly Total
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	
Gravity Collection System (1,410,000ft/5,760MH)															
Lines Cleaned (ft)		8,100					8,100	1%		3,900					3,900
CCTV Inspected (ft)		180					180	0%		150					150
Smoke Tested (ft)					7,992		7,992								0
Smoke Tested (no. of locations)							0								0
Dye Water Flooded (no. of locations)							0								0
Manholes Inspected (no.)					41	1,267	1,308	52%						298	298
Lines Repaired (no.)		72				7	79			54				3	57
MH Rehabbed (no.)		3				10	13			4				4	8
Force Mains (10 miles)															
Visual Surface Inspection (miles)			2.2				2.2	2%		1.1					1.1
Repaired (no.)							0								0
Air Release Valves (18)															
Inspected/Maintained			14				14	1%		7					7
Repaired (no.)				7			7				2				2
Pump & Lift Stations (21)															
Inspections (no.)			858				858	2%		858					858
Wet wells cleaned			31				31			14					14
Repaired (no.)				0			0				0				0

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance



**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
 April 1 - June 30, 2006

**South Plant-LA0036412**

Summary of Activities	1st Quarter (EPA Report No. 16)							2nd Quarter (EPA Report No. 17)								
	WWC (w/AMP)		WWT		SOGA	SOGA- contr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWT		SOGA	SOGA- 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)		67,200				220,578	287,778	50%		44,100				132,208	176,308	81%
CCTV Inspected (ft)		510				220,370	220,880	39%		390				131,687	132,077	62%
Smoke Tested (ft)					25,544	106,154	131,698						6,773		6,773	
Smoke Tested (no. of locations)					3		3								0	
Dye Water Flooded (no. of locations)					3		3								0	
Manholes Inspected (no.)					95	2,221	2,316	93%					31	2,668	2,699	201%
Lines Repaired (no.)		166				15	181			125				24	149	
MH Rehabbed (no.)		31				13	44			34				47	81	
<b>Force Mains (110 miles)</b>																
Visual Surface Inspection (miles)			7.5				7.5	6%			17.1				17.1	21%
Repaired (no.)		2					2			2					2	
<b>Air Release Valves (251)</b>																
Inspected/Maintained			48				48	5%			109				109	16%
Repaired (no.)				24			24					58			58	
<b>Pump &amp; Lift Stations (259)</b>																
Inspections (no.)			10,452				10,452	23%			10,452				10,452	46%
Wet wells cleaned			53				53				29				29	
Repaired (no.)				6			6					5			5	
<b>Peak Flow Storage Facilities (2)</b>																
Little Peak site visits			39				39	38%				39			39	75%
Big Peak site visits			39				39	38%				39			39	75%

Rout.-Routine Maintenance  
 Corr.-Corrective Maintenance

**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 6,773 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

Summary of Cross Connections Identified						
Number	Date Identified	Location	Private (Y/N)	Current Status	Notice Date	Date Eliminated
<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 / 01 / 06 to 06 / 30 / 06. 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. 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**

	Quarterly Total Apr. – Jun. 2006	Cumulative 2006 Annual Total	2006 Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	209,908	541,186	570,000
CCTV Inspected (ft)	132,377	353,617	570,000
Smoke Tested (ft)	6,773	165,438	---
Smoke Tested (no. of locations)	0	9	---
Dye Water Flooded (no. of locations)	0	9	---
Manholes Inspected (no.)	3,901	7,648	2,500
Lines Repaired (no.)	502	1,037	---
MH Rehabbed (no.)	227	330	---
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	46.5	83.7	120
Repaired (no.)	5	7	---
<b>Air Release Valves (604)</b>			
Inspected / Maintained	297	535	960 to 1,200
Repaired (no.)	131	236	---
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	16,692	33,384	45,136
Wet wells cleaned	75	186	---
Repaired (no.)	6	26	---
<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 / 06 to 06 / 30 / 06. 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 2006</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	0	29,700	29,700
CCTV Inspected (ft)	0	150	150
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.)	904	0	904
Lines Repaired (no.)	195	101	296
MH Rehabbed (no.)	131	7	138
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	28.3	0	28.3
Repaired (no.)	0	3	3
<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.)	5,382	0	5,382
Wet wells cleaned	32	0	32
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.

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. 2006</u>
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>			
Lines Cleaned (ft)	0	3,900	3,900
CCTV Inspected (ft)	0	150	150
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.)	298	0	298
Lines Repaired (no.)	3	54	57
MH Rehabbed (no.)	4	4	8
<b>Force Mains (10 miles)</b>			
Visual Surface Inspection (miles)	1.1	0.0	1.1
Repaired (no.)	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.)	858	0	858
Wet wells cleaned	14	0	14
Repaired (no.)	0	0	0

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. 2006</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	132,208	44,100	176,308
CCTV Inspected (ft)	131,687	390	132,077
Smoke Tested (ft)	6,773	0	6,773
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	2,699	0	2,699
Lines Repaired (no.)	24	125	149
MH Rehabbed (no.)	47	34	81
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	17.1	0.0	17.1
Repaired (no.)	0	2	2
<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.)	10,452	0	10,452
Wet wells cleaned	29	0	29
Repaired (no.)	0	5	5
<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.

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**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 24 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 not followed for one of the unauthorized discharges reported. The City-Parish conducted a major by-pass operation during an emergency 36-inch force main repair. The complex by-pass operation consisted of multiple pumps and discharge lines which extended over three thousand linear feet each and portions were located over a canal. The by-pass took place over the course of several days in which time rain and wet weather conditions hampered the effectiveness of the by-pass leading to overflows at intermittent times during the course of the by-pass operation. A departmental miscommunication resulted in a failure to follow the Sanitary Sewer Overflow Response Plan where a EPA/DEQ notification letter should have been issued. 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	2
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	17
<b>Total</b>	<b>24</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/ 01 / 06 to 06 / 30 / 06. 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.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	2
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	17
<b>Total</b>	<b>24</b>

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

There were no unusual SSOs, but there were seven unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. Two of these events occurred due to high flows at the contact chamber caused by a shortage of effluent pumps. Three effluent pumps were out of service due to motor failures, the motors have been repaired. Four events were caused by surcharged conditions at various manholes. The final event occurred during and emergency 36-inch force main repair and major by-pass operation. This event was inadvertently not reported in accordance with the Sanitary Sewer Overflow Response Plan, but are hereby reporting this event in the Quarterly Report. (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 / 06 to 06 / 30 / 06. If not, see comments above.

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

4/1/2006

TO

6/30/2006

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841

<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>
4/10/2006	6400 Bluebonnet	Overflow caused from Pump Station failure Cleanout	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	100	299	166	200	6.93
4/10/2006	6110 Bluebonnet	Overflow caused from Pump Station failure Cleanout	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	50	299	166	200	6.93
4/10/2006	12198 E. Glenhaven	Overflow caused from stoppage in collection line. MH#031-00009	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	031-00009	166	200	6.93
4/24/2006	19334 Spy Glass Hill	Overflow caused from stoppage in collection line. MH#398-00044	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	398-00044	165	188	6.97
4/29/2006	1424 Sherwood Forest	Overflow caused from surcharged conditions. MH#050-00530	Washed down area, deodorized and disinfected.	Implement RMAP Project	Jones Creek	71493	050-00530	78	352	6.68
4/29/2006	1388 Sherwood Forest	Overflow caused from surcharged conditions. MH#050-00530A	Washed down area, deodorized and disinfected.	Implement RMAP Project	Jones Creek	63534	050-00530A	78	352	6.68
4/29/2006	1423 Sherwood Forest	Overflow caused from surcharged conditions. MH#050-00528	Washed down area, deodorized and disinfected	Implement RMAP Project	Jones Creek	125461	050-00528	78	352	6.68
4/29/2006	11378 Ashbourne	Overflow caused from surcharged conditions. MH#050-00526	Washed down area, deodorized and disinfected.	Implement RMAP Project	Jones Creek	125014	050-00526	78	352	6.68
4/29/2006	9940 Great Smokey	Overflow caused from surcharged conditions. MH#051-00194	Washed down area, deodorized and disinfected.	Implement RMAP Project	none	172015	051-00194	78	352	6.68

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

4/1/2006

TO

6/30/2006

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841

<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>
5/1/2006	12525 Coursey	Overflow caused from stoppage in collection line. MH#134-00066	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence	none	200	134-00066	142	172	6.9
5/8/2006	4550 Concord	Overflow caused from stoppage in collection line. MH#091-00075	Washed down area, deodorized and disinfected	Continue preventive maintenance/Monitor for recurrence.	none	75	091-00075	160	181	7.01
6/12/2006	12524 New Castle	Overflow caused from PS#136 Power failure MH#136-00005	Washed down area, deodorized and disinfected.	None	none	600	136-00005	154	168	6.81
6/21/2006	3821 Deerfield	Overflow caused from PS#136 Power failure MH#136-00001	Washed down area, deodorized and disinfected.	None	none	40	136-00001	134	164	6.81
6/21/2006	12524 New Castle	Overflow caused from PS#136 Power failure MH#136-00005	Washed down area, deodorized and disinfected.	None	none	350	136-00005	134	164	6.81





## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

May 1, 2006

Peggy Hatch, Environmental Specialist Coordinator  
Department of Environmental Quality  
Enforcement Section  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Re: LPDES Permit No. LA0036412 AI #4841  
South Wastewater Treatment Bypass

Dear Ms. Hatch:

This letter is to provide information about a bypass of the disinfection system at the South Wastewater Treatment Plant, which occurred from 1445 hours to 1600 hours on April 26, 2006. During this time, an estimated 2,810,000 gallons received primary and secondary treatment before being discharged to the Mississippi river.

This bypass of the disinfection system only was due to high flow at the contact chamber caused by shortage of effluent pumps. Three effluent pumps were out of service due to motor failure and are being repaired. Procedures outlined in the Sanitary Sewer Response Plan were followed during the incident.

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

Sincerely yours,

A handwritten signature in black ink, appearing to read "Peter T. Newkirk".

Peter T. Newkirk, PE  
Public Works Director

PTN/WJ/pas

xc: Walter Jenkins, Wastewater Treatment Plant Manager  
Bob Wilks, Wastewater Treatment Process Control Supervisor  
Garcia Dialekwa, Wastewater Laboratory Supervisor  
Hugh Taylor, Wastewater Treatment Plant Supervisor-STP  
Cheryl Berry, PE-DPW-SOGA



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

May 1, 2006

Peggy Hatch, Environmental Specialist Coordinator  
Department of Environmental Quality  
Enforcement Section  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Re: LPDES Permit No. LA0036412 AI #4841  
South Wastewater Treatment Bypass

Dear Ms. Hatch:

This letter is to provide information about a bypass of the disinfection system at the South Wastewater Treatment Plant, which occurred from 1150 hours to 1400 hours on April 26, 2006. During this time, an estimated 4,860,000 gallons received primary and secondary treatment before being discharged to the Mississippi river.

This bypass of the disinfection system only was due to high flow at the contact chamber caused by shortage of effluent pumps. Three effluent pumps were out of service due to motor failure and are being repaired. Procedures outlined in the Sanitary Sewer Response Plan were followed during the incident.

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

Sincerely yours,

Peter T. Newkirk, PE  
Public Works Director

PTN/WJ/pas

xc: Walter Jenkins, Wastewater Treatment Plant Manager  
Bob Wilks, Wastewater Treatment Process Control Supervisor  
Garcia Dialekwa, Wastewater Laboratory Supervisor  
Hugh Taylor, Wastewater Treatment Plant Supervisor-STP  
Cheryl Berry, PE-DPW-SOGA

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

4/1/2006

TO

6/30/2006

CENTRAL Sewer District Collection System LPDES LA0036421AJ# 4842

<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>
4/12/2006	100 Lafayette	Overflow caused from stoppage in collection MH#059-06160	Washed down area, deodorized and disinfected	Continue preventive maintenance	none	100	059-06160	152	193	7.14
4/19/2006	634 Longwood	Overflow caused from stoppage in collection MH#004-02982	Washed down area, deodorized and disinfected.	Continue preventive maintenance.	none	40	004-02982	116	160	7.21
4/29/2006	3526 S. Lakeshore	Overflow caused from surcharged conditions. MH#002-01390B	Washed down area, deodorized and disinfected.	Implement RMAP Project	Dawson Creek	7538	002-01390B	30	178	7.23
4/29/2006	3556 S. Lakeshore	Overflow caused from surcharged conditions MH#002-01290B	Washed down area, deodorized and disinfected.	Implement RMAP Project	Dawson Creek	16752	002-01290B	30	178	7.23
4/29/2006	2147 E. Lakeshore	Overflow caused from surcharged conditions. MH#010-04926	Washed down area, deodorized and disinfected.	Implement RMAP Project	Dawson Creek	123406	010-04926	30	178	7.23

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

4/1/2006 TO 6/30/2006

NORTH Sewer District Collection System LPDES LA0036439 A) # 4843

<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>
4/29/2006	4261 Blount	Overflow caused from surcharged conditions. MH#046-00714	Washed down area, deodorized and disinfected.	Implement RMAP Project	none	29865	046-00714	125	560	7.2
4/29/2006	6650 Cedar Grove	Overflow caused from surcharged conditions. MH#047-00556	Washed down area, deodorized and disinfected	Implement RMAP Project	Hurricane Creek	83864	047-00556	125	560	7.2



## Department of Public Works

Wastewater Collection Division

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

July 21, 2006

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. LA0036412 AI#4841  
1601 Staring Lane - Overflow - PS 057 Area

Dear Ms. Hare:

This letter is to provide information regarding an overflow at 1601 Staring Lane. (Pumping Station # 57), which occurred from approximately 8:45 a.m. May 26, 2006 to 3:00 p.m. May 29, 2006. During this time, an estimated 2,496,000 gallons of untreated sewage was released to Dawson Creek.

The Discharge occurred from a broken 36" Force-main located at 1026 Staring Lane. Immediate emergency actions were taken to by-pass flow downstream of the failed force-main as well as fresh water pumping from numerous hydrants into Dawson Creek. Upon completion of emergency by-pass set-up, excavation was initiated and all repairs were 100% completed.

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



**Department of Public Works**

Wastewater Collection Division

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

July 21, 2006

Peggy Hatch, Environmental Specialist Coordinator  
Department of Environmental Quality  
Enforcement Section  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Re: LPDES Permit No. LA0036412 AI#4841  
1601 Staring Lane - Overflow - PS 057 Area

Dear Ms. Hatch:

This letter is to provide information regarding an overflow at 1601 Staring Lane. (Pumping Station # 57), which occurred from approximately 8:45 a.m. May 26, 2006 to 3:00 p.m. May 29, 2006. During this time, an estimated 2,496,000 gallons of untreated sewage was released to Dawson Creek.

The Discharge was due to a broken 36" Force-main located at 1026 Staring Lane. Immediate emergency actions were taken to by-pass flow downstream of the failed force-main as well as fresh water pumping from numerous hydrants into Dawson Creek. Upon completion of emergency by-pass set-up, excavation was initiated and all repairs were 100% completed.

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



## Department of Public Works

Wastewater Collection Division

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

July 21, 2006

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. LA0036412 AI#4841  
1600 Staring Lane - Overflow - PS 057 Area

Dear Ms. Hare:

This letter is to provide information regarding an overflow at 1600 Staring Lane. (Pumping Station # 57), which occurred from approximately 8:45 a.m. May 26, 2006 to 3:00 p.m. May 29, 2006. During this time, an estimated 34,847 gallons of untreated sewage was released to Dawson Creek.

The Discharge occurred from a broken 36" Force-main located at 1026 Staring Lane. Immediate emergency actions were taken to by-pass flow downstream of the failed force-main as well as fresh water pumping from numerous hydrants into Dawson Creek. Upon completion of emergency by-pass set-up, excavation was initiated and all repairs were 100% completed.

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



## Department of Public Works

Wastewater Collection Division

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

July 21, 2006

Peggy Hatch, Environmental Specialist Coordinator  
Department of Environmental Quality  
Enforcement Section  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Re: LPDES Permit No. LA0036412 AI#4841  
1600 Staring Lane - Overflow - PS 057 Area

Dear Ms. Hatch:

This letter is to provide information regarding an overflow at 1600 Staring Lane. (Pumping Station # 57), which occurred from approximately 8:45 a.m. May 26, 2006 to 3:00 p.m. May 29, 2006. During this time, an estimated 34,847 gallons of untreated sewage was released to Dawson Creek.

The Discharge was due to a broken 36" Force-main located at 1026 Staring Lane. Immediate emergency actions were taken to by-pass flow downstream of the failed force-main as well as fresh water pumping from numerous hydrants into Dawson Creek. Upon completion of emergency by-pass set-up, excavation was initiated and all repairs were 100% completed.

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 Seven day average and BOD monthly average, 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 \$7,500. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

Primary basin #1, #2 and #3 are out of service due to insufficient screening, the flight drives were damaged by rags. Bar screens E-101, E-102, and E-103 were out of service during this reporting period for repairs. The Primary Basin #1, #2 and #3 are expected to be out of service for the next 14 to 16 weeks. Bar screens E-101, E-102, and E-103 are scheduled for repairs and completion of this project is scheduled for August 2006. Noncompliance is anticipated until September 30, 2006.

SWWTP	Permit Level	2 <sup>nd</sup> Quarter 2006			Stipulated Penalty		
		Apr.	May	Jun.	# of Occurrences	Per Occurrence	Total
<b>BOD</b>							
7-Day Avg. (mg/l)	45	C	C	46	1	\$2,500	\$2,500
Monthly Avg. (mg/l)	30	C	37	37	1	\$2,500	\$5,000
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<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>\$7,500</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 / 06 to 06 / 30 / 06. If not, see comments above.