

Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 22

October 23, 2007



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

October 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 Second Quarterly Report - **Period Ending September 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 22th Consent Decree Quarterly Report covering activities for the quarter ending September 30, 2007. 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

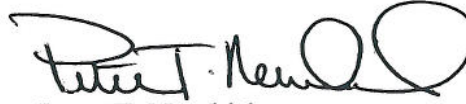
These activities are described in Sections VIII, IX, X, XI, XX and XXI of the Consent Decree.

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 22th 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 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.

Sincerely,



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
Mr. Bruce Hammett, LDEQ
Ms. Peggy Hatch, LDEQ
Mr. Harold Leggett, LDEQ
Ms. Mona Tate, 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
Mr. Jim Hawley, CH2MHILL ✓

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

2443 River Road
Baton Rouge, LA 70802

Date: October 23, 2007

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

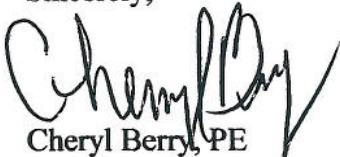
From: Mrs. Cheryl P. Berry, P.E., Wastewater Treatment and Disposal Division

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Twenty Second Quarterly Report – Period Ending September 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 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 Berry, PE

Wastewater Treatment and Disposal Division

I certify that the information contained in or accompanying the portion of the Twenty 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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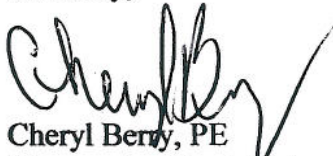
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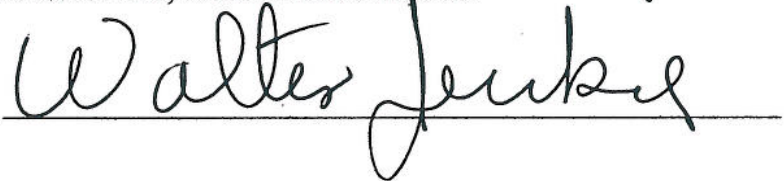
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Wastewater Treatment and Disposal Division

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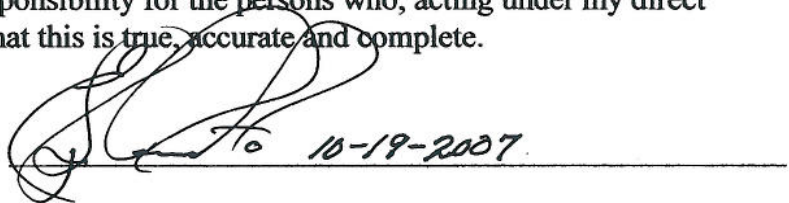
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Wastewater Treatment and Disposal Division

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To 10-19-2007

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Executive Summary

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. The following Quarterly Progress Report is hereby submitted to fulfill the reporting requirements described in Section XVIII – Reporting, of the Consent Decree.

Significant progress has taken place during the past quarter in regards to Program Planning. On July 10, 2007 the EPA and LDEQ submitted a formal letter to the Baton Rouge City/Parish DPW approving the Camp Dresser and McKee 2005 Revised Second RMAP proposal which focused on sewer rehabilitation that was resubmitted by CH2M HILL in November 2006. CH2M HILL is currently developing an Updated Revised Second RMAP proposal to be reviewed and approved by the City/Parish DPW and then eventually by the EPA and LDEQ in 2008. This report will outline the projects planned to eliminate SSO's throughout the City/Parish. CH2M HILL's ongoing planning of this effort consists of dividing the sewer collection systems into 10 basins for a more focused analysis of the service areas. Three basins have been analyzed and their corresponding projects have been developed. The rest of the basins will be analyzed and projects planned during the next quarter.

The City/Parish will be submitting a RMAP1 Status Report in the next quarter that summarizes the status to date of all of the RMAP1 projects. In addition, this report will include a formal "Request for Time Extension" for those RMAP1 projects not yet completed, and a schedule for project completion. This report will serve as the milestone requirement pursuant to Section XVIII – Reporting, of the Consent Decree.

Section XV – Outreach and Public Awareness, of the Consent Decree requires the City/Parish DPW to implement and follow the Outreach and Public Awareness Program Plan attached in Exhibit H of the Consent Decree. An updated Outreach and Public Awareness Program Plan was submitted to the City/Parish DPW in August 2007 and is in the process of being reviewed, approved, and finalized, and will be submitted to the EPA and LDEQ for approval in 2008.

Project Reporting

Five Immediate Action Plan (IAP) projects have been identified to help aid the South Wastewater Treatment Plant (SWWTP) meet their National Pollution Discharge Elimination System (NPDES) permit limits. Two projects are in the design phase and the other three are in the preliminary design phase. A summary of the individual IAP project statuses are shown in Exhibit 1.

EXHIBIT 1 IAP Project Status Summary

IAP Projects	Status
IAP #1 – SWWTP Screening Improvements	Notice to Proceed for preliminary design issued July 30, 2007. Preliminary design submitted September 13, 2007 and under review.
IAP #2 – SWWTP Primary Treatment	Notice to Proceed for preliminary design issued July 30, 2007. Preliminary design

EXHIBIT 1
IAP Project Status Summary

IAP Projects	Status
Improvements	submitted September 27, 2007 and under review.
IAP #3 - SWWTP Tricking Filter Improvements	Notice to Proceed for preliminary design issued July 16, 2007. Meeting held in July 31, 2007 to discuss design alternatives for the recirculation pump station location. Worked on preliminary design.
IAP #4 – SWWTP Effluent Pump Station Stabilization and Repairs	Notice to Proceed for preliminary design issued September 10, 2007. Began preliminary design.
IAP #5 – SWWTP Sludge Handling Improvements	Notice to Proceed for preliminary design issued September 10, 2007. Began preliminary design

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

Central Plant-LA Central Plant-LA0036421

Summary of Activities	3rd Quarter (EPA Report No. 22)						4th Quarter (EPA Report No. 23)								
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		SOGA contr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)		
Gravity Collection System (1,410,000ft/5,760MH)															
Lines Cleaned (ft)		13,500				27,142	40,642	12%						0	12%
CCTV Inspected (ft)		30				27,142	27,172	7%						0	7%
Smoke Tested (ft)					1,817		1,817							0	
Smoke Tested (no. of locatio							0							0	
Dye Water Flooded (no. of ic							0							0	
Manholes Inspected (no.)					11		11	4%						0	4%
Lines Repaired (no.)		42				99	141							0	
MH Rehabbed (no.)		1					1							0	
Force Mains (10 miles)															
Visual Surface Inspection (m							0.0	1%						0.0	1%
Repaired (no.)		1					1							0	
Air Release Valves (18)															
Inspected/Maintained							0	1%						0	1%
Repaired (no.)							0							0	
Pump & Lift Stations (21)															
Inspections (no.)							858	6%						0	6%
Wet wells cleaned							27							0	
Repaired (no.)							6							0	

Rout.-Routine Maintenance
Corr.-Corrective-Maintenan

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

North Plant- LA0036439

Summary of Activities	3rd Quarter (EPA Report No. 22)						4th Quarter (EPA Report No. 23)								
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr. contr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		SOGA contr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		
Gravity Collection System (2,460,000ft/10,640MH)															
Lines Cleaned (ft)		23,700						11%							11%
CCTV Inspected (ft)		30						0%							0%
Smoke Tested (ft)															
Smoke Tested (no. of locations)															
Dye Water Flooded (no. of locations)															
Manholes Inspected (no.)					18			22%							22%
Lines Repaired (no.)		75			74										
MH Rehabbed (no.)		10													
Force Mains (120 miles)															
Visual Surface Inspection (miles)				30.1				47%							47%
Repaired (no.)						2									
Air Release Valves (335)															
Inspected/Maintained				193				37%							37%
Repaired (no.)				55											
Pump & Lift Stations (141)															
Inspections (no.)				5,421				24%							24%
Wet wells cleaned				29											
Repaired (no.)				15		1									

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

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

July 1 - September 30, 2007

South Plant-LA0036412

Summary of Activities	3rd Quarter (EPA Report No. 22)					4th Quarter (EPA Report No. 23)						
	WWC (w/AMP)		WWC-PS	Field Engr.	Field Engr. contr.	WWC (w/AMP)		WWC-PS	Field Engr.	Field Engr. contr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			
Gravity Collection System (4,640,000ft/21,580MH)												
Lines Cleaned (ft)	43,200			111,285							154,485	67%
CCTV Inspected (ft)	240			111,285							111,525	47%
Smoke Tested (ft)			70,119								70,119	
Smoke Tested (no. of locations)											0	
Dye Water Flooded (no. of locations)											0	
Manholes Inspected (no.)			319	882							1,201	152%
Lines Repaired (no.)	200			1							201	
MH Rehabbed (no.)	7										7	
Force Mains (110 miles)												
Visual Surface Inspection (miles)			11.8								11.8	40%
Repaired (no.)	1			2							3	
Air Release Valves (251)												
Inspected/Maintained			75								75	32%
Repaired (no.)			43								43	
Pump & Lift Stations (259)												
Inspections (no.)			10,842								10,842	73%
Wet wells cleaned			49								49	
Repaired (no.)				3							10	
Peak Flow Storage Facilities (2)												
Little Peak site visits			39								39	113%
Big Peak site visits			39								39	113%

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

Table of Contents

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

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 71,936 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.

Summary	North Plant LA0036439 AI# 4843	Central Plant LA0036421 AI# 4842	South Plant LA0036412 AI# 4841	Total
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
North Plant (LA0036439 AI# 4843)						
1						
2						
3						
Central Plant (LA0036421 AI# 4842)						
1						
2						
3						
South Plant (LA0036412 AI# 4841)						
1						
2						
3						

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 07 / 1 / 07 to 09 / 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 75% quarterly goal; it reached 54% of the annual goal. A new sewer program manager was selected and with their assistance we have begun to implement a new Physical Inspection Contract which will help us to reach our quarterly and annual goals. 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 Jul.-Sept. 2007	Cumulative 2007 Annual Total	2007 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	218,827	538,828	570,000
CCTV Inspected (ft)	138,727	309,088	570,000
Smoke Tested (ft)	71,936	132,067	---
Smoke Tested (no. of locations)	0	8	---
Dye Water Flooded (no. of locations)	0	8	---
Manholes Inspected (no.)	1,230	4,482	2,500
Lines Repaired (no.)	491	1,520	---
MH Rehabbed (no.)	18	56	---
Force Mains (240 miles)			
Visual Surface Inspection (miles)	41.9	135.6	120
Repaired (no.)	6	15	---
Air Release Valves (604)			
Inspected / Maintained	268	867	960 to 1,200
Repaired (no.)	98	370	---
Pump & Lift Stations (421)			
Inspections (no.)	17,121	51,889	45,136
Wet wells cleaned	105	358	---
Repaired (no.)	32	82	---
Peak Flow Storage Facilities (2)			
Little Peak site visits	39	117	104
Big Peak site visits	39	117	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/ 01 / 07 to 09/ 30 / 07. If not, see comments above.

**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 Jul– Sept. 2007</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	27,142	13,500	40,642
CCTV Inspected (ft)	27,142	30	27,172
Smoke Tested (ft)	1,817	0	1,817
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	11	0	11
Lines Repaired (no.)	99	42	141
MH Rehabbed (no.)	0	1	1
Force Mains (10 miles)			
Visual Surface Inspection (miles)	0	0.0	0.0
Repaired (no.)	0	1	1
Air Release Valves (18)			
Inspected / Maintained	0	0	0
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	858	0	858
Wet wells cleaned	27	0	27
Repaired (no.)	0	6	6

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. 2007</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	111,285	43,200	154,485
CCTV Inspected (ft)	111,285	240	111,525
Smoke Tested (ft)	70,119	0	70,119
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	1,201	0	1,201
Lines Repaired (no.)	1	200	201
MH Rehabbed (no.)	0	7	7
Force Mains (110 miles)			
Visual Surface Inspection (miles)	11.8	0.0	11.8
Repaired (no.)	2	1	3
Air Release Valves (251)			
Inspected / Maintained	75	0	75
Repaired (no.)	0	43	43
Pump & Lift Stations (259)			
Inspections (no.)	10,842	0	10,842
Wet wells cleaned	49	0	49
Repaired (no.)	3	7	10
Peak Flow Storage Facilities (2)			
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 10 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.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	4
Central Plant-LA0036421 AI # 4842 Collection System	1
South Plant-LA0036412 AI# 4841 Collection System	5
Total	10

** 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 / 07 to 09 / 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.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	4
Central Plant-LA0036421 AI # 4842 Collection System	1
South Plant-LA0036412 AI# 4841 Collection System	5
Total	10

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

There were no unusual SSOs, but there was one unauthorized discharge equal to or greater than 100,000 gallons during this reporting period. This one event occurred during a heavy rainfall event caused by Hurricane Humberto. RMAP projects are being developed to address the SSO at this location (See attached correspondence for more details).

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 07/ 01 / 07 to 09 / 30 / 07. If not, see comments above.

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

NORTH Date	Sewer District Address	Collection System LPDES LA0036439A1# 4843 Cause	Action	Prevention	TO	9/30/2007	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
8/27/2007	3744 Conrad	Overflow caused from PS#24 failure 024-00001	Washed down area, deodorized and disinfected.	Continue Preventive Maintenance		500	none	500	24	79	208	7.28
9/5/2007	6867 Hooper Rd.	Overflow caused from PS Failure PS# 433	Washed down area, deodorized and disinfected. Made Repairs	None		500	none	500	433	96	34	3.8
9/13/2007	6650 Cedar Grove	Overflow caused from Surcharged Conditions 047-00514	Washed down area, deodorized and disinfected.	Implement RMAP Project		21190	Hurricane Creek	21190	47	92	256	6.79
9/13/2007	4261 Blount Rd.	Overflow caused from Surcharged Conditions 046-00714	Washed down area, deodorized and disinfected.	Implement RMAP Project		130745	none	130745	46	84	274	7.02

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

CENTRAL Date	Sewer District Address	Collection System Cause	LPDES LA-0036421A1# Action	4842	7/1/20 07	TO	9/30/2007	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
9/14/2007	1671 Fig St.	Overflow caused from Broken forcemain PS# 7	Washed down area, deodorized and disinfected. Made Repairs					none	15996	7	156	128	7.17



Department of Public Works

Wastewater Collection Division

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

September 17, 2007

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

Re: LPDES Permit No. LA0036439 AI#4843
4261 Blount Rd. Overflow - PS 46 Area

Dear Ms. Hatch:

This letter is to provide information regarding an overflow at 4261 Blount Rd. (Manhole 046-00714), which occurred from approximately 8:00 a.m. September 13, 2007 to 6:30 p.m. September 13, 2007. During this time, an estimated 130,745 gallons of untreated sewage was released to Cypress Bayou.

The overflow was due to heavy rainfall caused from Hurricane Humberto, which consisted of approximately 1.37 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: Bryan Harmon, Deputy Director
Monica Sprull, Assistant Director
Rick Wright, P.E.
Cheryl Berry, P.E.
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

September 17, 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. LA0036439 AI#4843
4261 Blount Rd. Overflow - PS 46 Area

Dear Ms. Hare:

This letter is to provide information regarding an overflow at 4261 Blount Rd. (Manhole 046-00714), which occurred from approximately 8:00 a.m. September 13, 2007 to 6:30 p.m. September 13, 2007. During this time, an estimated 130,745 gallons of untreated sewage was released to Cypress Bayou.

The overflow was due to heavy rainfall caused from Hurricane Humberto, which consisted of approximately 1.37 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: Bryan Harmon, Deputy Director
Monica Sprull, Assistant Director
Rick Wright, P.E.
Cheryl Berry, P.E.
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, 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 \$5,000. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

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. Further noncompliance is not anticipated.

SWWTP	Permit Level	3 rd Quarter 2007			Stipulated Penalty		
		Jul.	Aug.	Sept.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	34	C	C	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	74	C	C	1	\$2,500	\$2,500
<u>TSS</u>							
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			
<u>TRC</u>							
Monthly Max (mg/l)	0.46	C	C	C			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$5,000

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 07/ 01 / 07 to 09 / 30 / 07. If not, see comments above.