



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 16

April 24, 2006



Department of Public Works

Engineering Division

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana 70821

(225) 389-3186
(225) 389-4948 Fax

April 25, 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
Sixteenth Quarterly Report - **Period Ending March 31, 2006**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 16th Consent Decree Quarterly Report covering activities for the quarter ending March 31, 2006. This report contains a summary of compliance with and activities related to:

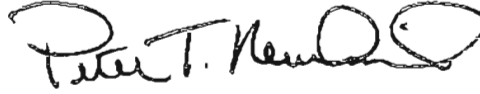
- Cross Connection Elimination Plan
- Collection System Preventive Maintenance Program (PMP)
- Sanitary Sewer Overflow Response Plan (SSORP)
- Reporting of Unauthorized Discharges
- Consent Decree Compliance Status

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 16th 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 Sixteenth 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 fluid and cursive, with a large, stylized "P" and "N".

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. Hāloioū 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: April 20, 2006

To: Mr. Walter Jenkins, Wastewater Treatment and Disposal Division
Mr. David Ratcliff, Wastewater Collection Division
Ms. Amy Weaver, Sewer Operations-General Administration Division
Mr. E. J. Amato, Field Engineer Division

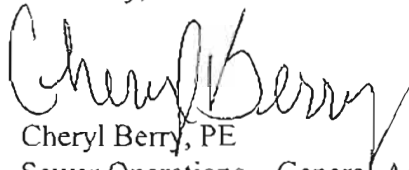
From: Mrs. Cheryl P. Berry, P.E., Sewer Operations – General Administration Division

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 March 31, 2006
Data Review

Gentlemen:

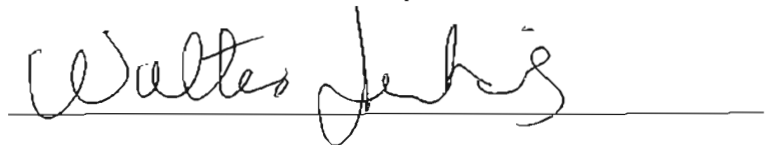
Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Sixteenth Quarterly Report. Once the review of your portion of data is complete and corrected,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

Sincerely,



Cheryl Berry, PE
Sewer Operations – General Administration

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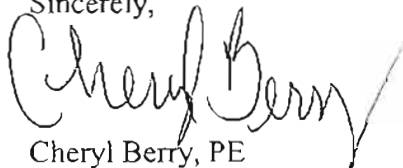
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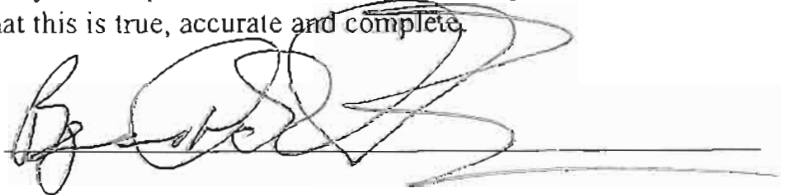
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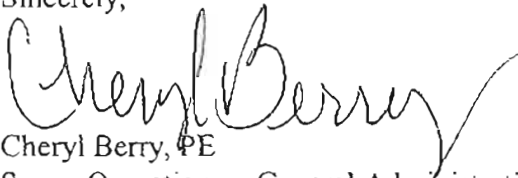
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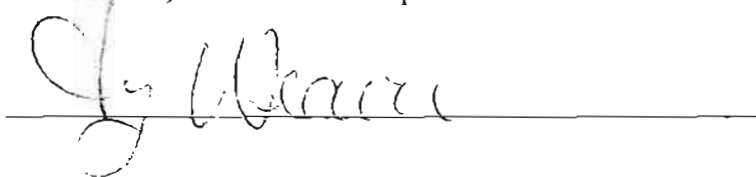
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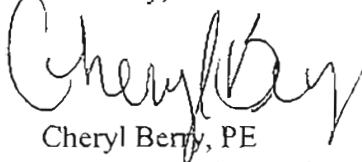
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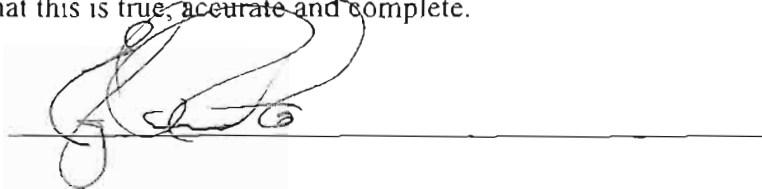
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Baton Rouge 2002 Consent Decree Quarterly Report
 Summary of Activity Totals
 January 1 - March 31, 2006

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
Gravity Collection System (8,510,000ft/38,000MH)											
Lines Cleaned (ft)	331,278	58%	0	58%	0	58%	0	58%	331,278	58%	570,000
CCTV Inspected (ft)	221,240	39%	0	39%	0	39%	0	39%	221,240	39%	570,000
Smoke Tested (ft)	158,665		0		0		0		158,665		----
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%	0	150%	0	150%	0	150%	3,747	150%	2,500
Lines Repaired (no.)	535		0		0		0		535		----
MH Rehabbed (no.)	103		0		0		0		103		----
Force Mains (240 miles)											
Visual Surface Inspection (miles)	37.2	31%	0.0	31%	0.0	31%	0.0	31%	37.2	31%	120
Repaired (no.)	2		0		0		0		2		----
Air Release Valves (604)											
Inspected/Maintained	238	25%	0	25%	0	25%	0	25%	238	25%	960 to 1,200
Repaired (no.)	105		0		0		0		105		----
Pump & Lift Stations (421)											
Inspections (no.)	16,692	37%	0	37%	0	37%	0	37%	16,692	37%	45,136
Wet wells cleaned	111		0		0		0		111		----
Repaired (no.)	20		0		0		0		20		----
Peak Flow Storage Facilities (2)											
Little Peak site visits	39	38%	0	38%	0	38%	0	38%	39	38%	104
Big Peak site visits	39	38%	0	38%	0	38%	0	38%	39	38%	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
January 1 - March 31, 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.)		
Gravity Collection System (4,640,000ft/21,580MI)																
Lines Cleaned (ft)		67,200				220,578	287,778	50%							0	50%
CCTV Inspected (ft)		510				220,170	220,880	30%							0	30%
Smoke Tested (ft)					25,544	106,154	131,698								0	
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%							0	93%
Lines Repaired (no.)		166				15	181								0	
MH Rehabbed (no.)		31				13	44								0	
Force Mains (110 miles)																
Visual Surface Inspection (miles)				7.5			7.5	6%							0.0	6%
Repaired (no.)		2					2								0	
Air Release Valves (251)																
Inspected/Maintained				48			48	5%							0	5%
Repaired (no.)				24			24								0	
Pump & Lift Stations (259)																
Inspections (no.)				10,452			10,452	23%							0	23%
Wet wells cleaned				53			53								0	
Repaired (no.)				6			6								0	
Peak Flow Storage Facilities (2)																
Little Peak site visits				39			39	38%							0	38%
Big Peak site visits				39			39	38%							0	38%

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
January 1 - March 31, 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%							0
CCTV Inspected (ft)		180					180	0%							0
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%							0
Lines Repaired (no.)		72					72								0
MH Rehabbed (no.)		3				10	13								0
Force Mains (10 miles)															
Visual Surface Inspection (miles)			2.2				2.2	2%							0.0
Repaired (no.)							0								0
Air Release Valves (18)															
Inspected/Maintained			14				14	1%							0
Repaired (no.)				7			7								0
Pump & Lift Stations (21)															
Inspections (no.)			858				858	2%							0
Wet wells cleaned			31				31								0
Repaired (no.)				0			0								0

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
January 1 - March 31, 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- 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.)		
Gravity Collection System (2,460,000ft/10,640MI)																
Lines Cleaned (ft)		35,400					35,400	6%							0	6%
CC TV Inspected (ft)		180					180	0%							0	0%
Smoke Tested (ft)					18,975		18,975								0	
Smoke Tested (no. of locations)					6		6								0	
Dec. Winer Flooded (no. of locations)					6		6								0	
Manholes Inspected (no.)					81	42	123	5%							0	5%
Lines Repaired (no.)		95				180	275								0	
MII Rehubbed (no.)		13				33	46								0	
Force Mains (120 miles)																
Visual Surface Inspection (miles)				27.5			27.5	23%							0	23%
Repaired (no.)							0								0	
Air Release Valves (335)																
Inspected/Maintained				176			176	18%							0	18%
Repaired (no.)				74			74								0	
Pump & Lift Stations (141)																
Inspections (no.)				5,382			5,382	12%							0	12%
Wet wells cleaned				27			27								0	
Repaired (no.)				14			14								0	

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 158,665 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 01 / 01 / 06 to 03 / 31 / 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 noncompliance 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 Jan-Mar 2006	Cumulative 2006 Annual Total	2006 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	185,794	185,794	570,000
CCTV Inspected (ft)	112,264	112,264	570,000
Smoke Tested (ft)	81,471	81,471	---
Smoke Tested (no. of locations)	0	0	---
Dye Water Flooded (no. of locations)	2,700	2,700	---
Manholes Inspected (no.)	2,447	2,447	2,500
Lines Repaired (no.)	199	199	---
MH Rehabbed (no.)	38	38	---
Force Mains (240 miles)			
Visual Surface Inspection (miles)	16.5	16.5	120
Repaired (no.)	3	3	---
Air Release Valves (604)			
Inspected/Maintained	105	105	960 to 1,200
Repaired (no.)	78	78	---
Pump & Lift Stations (421)			
Inspections (no.)	9,576	9,576	45,136
Wet wells cleaned	7	7	---
Repaired (no.)	10	10	---
Peak Flow Storage Facilities (2)			
Little Peak site visits	36	36	104
Big Peak site visits	36	36	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 01 / 01 / 06 to 03 / 31 / 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 Jan-Mar 2006</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	35,400		35,400
CCTV Inspected (ft)	0	180	180
Smoke Tested (ft)	18,975	0	18,975
Smoke Tested (no. of locations)	6	0	6
Dye Water Flooded (no. of locations)	6	0	6
Manholes Inspected (no.)	123	0	123
Lines Repaired (no.)	180	95	275
MH Rehabbed (no.)	33	13	46
Force Mains (120 miles)			
Visual Surface Inspection (miles)	27.5	0	27.5
Repaired (no.)	0	0	0
Air Release Valves (335)			
Inspected/Maintained	176	0	176
Repaired (no.)	0	74	74
Pump & Lift Stations (141)			
Inspections (no.)	5,382	0	5,382
Wet wells cleaned	27	0	27
Repaired (no.)	0	14	14

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 which is required to restore an item to a specified working order/condition, 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 Jan-Mar. 2006</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	0	8,100	8,100
CCTV Inspected (ft)	0	180	180
Smoke Tested (ft)	7,992	0	7,992
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	1,308	0	1,308
Lines Repaired (no.)	7	72	79
MH Rehabbed (no.)	10	3	13
Force Mains (10 miles)			
Visual Surface Inspection (miles)	2.2	0.0	2.2
Repaired (no.)	0	0	0
Air Release Valves (18)			
Inspected/Maintained	14	0	14
Repaired (no.)	0	7	7
Pump & Lift Stations (21)			
Inspections (no.)	858	0	858
Wet wells cleaned	31	0	31
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 Jan. – Mar. 2006</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	220,578	67,200	287,778
CCTV Inspected (ft)	220,370	510	220,880
Smoke Tested (ft)	131,698	0	131,698
Smoke Tested (no. of locations)	3	0	3
Dye Water Flooded (no. of locations)	3	0	3
Manholes Inspected (no.)	2,316	0	2,316
Lines Repaired (no.)	15	166	181
MH Rehabbed (no.)	13	31	44
Force Mains (110 miles)			
Visual Surface Inspection (miles)	7.5	0.0	7.5
Repaired (no.)	0	2	2
Air Release Valves (251)			
Inspected/Maintained	48	0	48
Repaired (no.)	0	24	24
Pump & Lift Stations (259)			
Inspections (no.)	10,452	0	10,452
Wet wells cleaned	53	0	53
Repaired (no.)	0	6	6
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 which is required to restore an item to a specified working order/condition, 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 37 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	8
Central Plant-LA0036421 AI # 4842 Collection System	3
South Plant-LA0036412 AI# 4841 Collection System	26
Total	37

** 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 01/01/06 to 03/31/06. 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 which 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	8
Central Plant-LA0036421 AI # 4842 Collection System	3
South Plant-LA0036412 AI# 4841 Collection System	26
Total	37

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

There were no unusual SSOs, but there were five unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. Two of these events occurred during a power outage at the final effluent pump station. A third event was necessary to allow City/Parish personnel to perform scheduled maintenance at the bar screen area on the gravity side. The final two events occurred during a wet weather event in the area. (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 01 / 1 / 06 to 03 / 31 / 06. If not, see comments above.

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

1/1/2006

TO

3/31/2006

SOUTH Sewer District Collection System LPDES LA0036412 AI#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>
1/4/2006	3146 Crestaire	Overflow caused from stoppage in collection line. MH#051-00302	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	051-00302	126	194	6.93
1/4/2006	8100 Perkins	Overflow caused from stoppage in collection line. MH#057-05092	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	057-05092	126	194	6.93
1/5/2006	418 Raintree Rd.	Overflow caused from stoppage in collection line. MH#061-00286	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	061-00286	159	152	6.72
1/8/2006	4037 Indian Run	Overflow caused from PS power outage MH#316-00001	Washed down area, deodorized and disinfected.	none	Private Pond	300	316-00001	172	288	6.89
1/10/2006	710 Staring Ln.	Overflow caused from crushed pipe MH#061-00352	Washed down area, deodorized and disinfected. Repair on EPR	Continue preventive maintenance/Monitor for recurrence.	Bluebonnet swamp	2200	061-00352	170	286	6.81
1/12/2006	7620 Corporate Blvd.	Overflow caused from stoppage in collection line. MH#058-06001	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	058-06001	188	244	6.77
1/11/2006	12540 Brogdon	Overflow caused from stoppage in collection line. MH#148-00075	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	148-00075	165	152	6.95
1/20/2006	3100 Drusilla	Overflow caused from stoppage in collection line. MH#058-00045	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	058-00045	135	170	6.91
1/19/2006	8737 Granite	Overflow caused from stoppage in collection line. MH#102-00001	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	100	102-00001	172	180	7.08
1/19/2006	14935 Tiger Bend	Overflow caused from PS failure MH#111-00001	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	300	050-00526	158	218	6.78

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

1/1/2006 TO 3/31/2006

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>
1/25/2006	8700 Granite	Overflow caused from stoppage in collection line. MH#102-00001	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	102-00001	152	200	6.96
2/2/2006	10049 N. Reiger Rd.	Overflow caused from PS#355 failure MH#355-00001	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	75	355-00001	96	272	6.75
2/7/2006	12317 N. Oak Hills	Overflow caused from PS#159 failure MH#159-00001	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	300	159-00001	183	212	6.83
2/8/2006	15445 Schafer Dr.	Overflow caused from stoppage in collection line. MH#189-00001	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	189-00001	156	180	7.08
2/8/2006	3154 College Dr.	Overflow caused from broken 8" C/L collection line	Washed down area, deodorized and disinfected. Repaired on EPR	none	Wards Creek	1200	Collection Lin	169	162	7.15
2/23/2006	7580 Bluebonnet	Overflow caused from stoppage in collection line. MH#N/A	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	75	N/A	246	183	7.03
2/23/2006	1647 Mary Lou	Overflow caused from stoppage in collection line. MH#057-00448	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	057-00448	286	196	7.03
2/25/2006	9940 Great Smokey	Overflow caused from surcharged conditions MH#051-00194	Washed down area, deodorized and disinfected.	Implemented RMAP Project	none	28945	051-00194	75	262	6.85
2/25/2006	11378 Ashbourne	Overflow caused from surcharged conditions MH#050-00526	Washed down area, deodorized and disinfected.	Implemented RMAP Project	Jones Creek	139501	050-00526	75	262	6.85
2/25/2006	1423 Sherwood Forest	Overflow caused from surcharged conditions MH#050-00528	Washed down area, deodorized and disinfected.	Implemented RMAP Project	Jones Creek	140045	050-00528	75	262	6.85

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

1/1/2006

TO

3/31/2006

SOUTH Sewer District Collection System LPDES LA0036412 A1#4841

3/9/2006	5219 Canterdale	Overflow caused from stoppage in collection line MH#274-00054	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	75	274-00054	176	202	6.96
3/6/2006	8829 Summa	Overflow caused from stoppage in collection line MH#193-00002	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	75	193-00002	136	216	6.65
3/20/2006	6500 Calumet	Overflow caused from stoppage in collection line. MH#049-00264	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	049-00264	207	408	6.99
3/29/2006	6536 Nottingham	Overflow caused from stoppage in collection line. 044-05003	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	044-05003	178	192	6.98

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

1/1/2006 TO 3/31/2006

CENTRAL Sewer District Collection System LPDES LA0036421A1# 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>
1/3/2006	3172 Greenwood	Overflow caused from stoppage in collection line. MH#005-03918A	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	005-03918A	154	184	6.9
2/25/2006	2147 E. Lakeshore	Overflow caused from surcharged conditions MH#010-04926	Washed down area, deodorized and disinfected.	Implemented RMAP Project	Jones Creek	66784	010-04926	51	316	7.1
2/25/2006	3556 S. Lakeshore	Overflow caused from surcharged conditions MH#002-01390B	Washed down area, deodorized and disinfected.	Implemented RMAP Project	Dawson Creek	7244	002-01390B	51	316	7.1

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

1/1/2006 TO 3/31/2006

NORTH Sewer District Collection System LPDES LA0036439 AI# 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>
1/12/2006	12218 Plymout	Overflow caused from stoppage in collection MH#038-00082	Washed down area, deodorized and disinfected.	Continue preventive maintenance.	none	200	038-00082	141	108	7.11
2/8/2006	9723 Lawndale	Overflow caused from stoppage in collection MH#137-00007	Washed down area, deodorized and disinfected.	Continue preventive maintenance.	none	200	137-00007	146	148	7.34
2/25/2006	6650 Cedar Grove	Overflow caused from surcharged conditions MH#047-00556	Washed down area, deodorized and disinfected	Implemented RMAP Project	Hurricane Creek	60717	047-00556	85	222	7.06
2/25/2006	4261 Blount	Overflow caused from surcharged conditions MH#046-00712	Washed down area, deodorized and disinfected.	Implemented RMAP Project	none	18499	046-00712	60	134	7.11
3/6/2006	2933 Hollywood	Overflow caused from stoppage in collection MH#043-00052A	Washed down area, deodorized and disinfected	Continue preventive maintenance.	none	15	043-00052A	109	146	7.4
3/23/2006	5244 Astoria	Overflow caused from stoppage in collection MH#052-00248J	Washed down area, deodorized and disinfected	Continue preventive maintenance.	none	200	052-00248J	178	192	7.16
3/30/2006	11099 Cadillac	Overflow caused from stoppage in collection MH#047-00027	Washed down area, deodorized and disinfected.	Continue preventive maintenance.	none	200	047-00027	160	296	6.97

CITY OF PATON BOUGE/PARISH OF EAST PATON BOUGE
 SANITARY SEWER OVERFLOWS MONITORING REPORT

3/1/2006 TO 3/31/2006

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>
3/9/2006	5219 Canterdale	Overflow caused from stoppage in collection line MH#274-00054	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	75	274-00054	176	202	6.96
3/6/2006	8829 Summa	Overflow caused from stoppage in collection line MH#193-00002	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	75	193-00002	136	216	6.65
3/20/2006	6500 Calumet	Overflow caused from stoppage in collection line. MH#049-00264	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	049-00264	207	408	6.99
3/29/2006	6536 Nottingham	Overflow caused from stoppage in collection line. 044-05003	Washed down area, deodorized and disinfected.	Continue preventive maintenance/Monitor for recurrence.	none	200	044-05003	178	192	6.98

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

3/1/2006 TO 3/31/2006

NORTH Sewer District Collection System LPDES LA0036439 A1# 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>
3/6/2006	2933 Hollywood	Overflow caused from stoppage in collection MH#043-00052A	Washed down area, deodorized and disinfected.	Continue preventive maintenance.	none	15	043-00052A	109	146	7.4
3/23/2006	5244 Astoria	Overflow caused from stoppage in collection MH#052-00248J	Washed down area, deodorized and disinfected.	Continue preventive maintenance.	none	200	052-00248J	178	192	7.16
3/30/2006	11099 Cadillac	Overflow caused from stoppage in collection MH#047-00027	Washed down area, deodorized and disinfected.	Continue preventive maintenance.	none	200	047-00027	160	296	6.97



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

January 5, 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 0100 hours to 0200 hours on January 1, 2006. During this time, an estimated 947,000 gallons received primary and secondary treatment before being discharged to the Mississippi river.

This bypass of the disinfection system only was due to a power outage at the final effluent pump station. The local utility company (Entergy) was called out to restore power and normal operations resumed. 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/RG/mo

xc: Robert Groht, Jr., 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

January 12, 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. LA0036439
AI # 4843
Full Bypass of the Gravity Portion of North Treatment Plant

Dear Ms. Hatch:

We had a full bypass of the Gravity Portion of North Treatment Plant which occurred on Tuesday, January 10, 2006, beginning at 0620 hours and ending at 1420 hours for a total duration of 8 hours. An estimated 1,687,000 gallons of untreated wastewater were discharged during this time. Additional time was required to complete the project, therefore, we continued on January 11, 2006, at 0615 hours to 1530 hours for a total duration of 9 hours and 15 minutes. An estimated 2,940,000 gallons of untreated wastewater were discharged during this time.

These full bypasses of the Gravity Portion of North Treatment Plant were necessary to allow City/Parish personnel to clean the bar screen area at the gravity side influent. These full bypasses received disinfection prior to discharge to the Mississippi River. 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: Wade Shows, Parish Attorney
Walter Jenkins, Assistant Wastewater Treatment Plant Manager
Bob Wilks, Wastewater Treatment Process Control Supervisor
Gerald Sprull, Wastewater Treatment Plant Supervisor (NTP)



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

February 14, 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 0815 hours to 0900 hours on February 10, 2006. During this time, an estimated 1,168,000 gallons received primary and secondary treatment before being discharged to the Mississippi river.

This bypass of the disinfection system only was due to a power outage at the final effluent pump station. The local utility company (Entergy) was called out to restore power and normal operations resumed. 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/mo

xc: Walter Jenkins, Acting 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

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

1. 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 average monthly BOD, 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 \$2,500. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

Primary basin #1 and bar screens E102, & E103 at the SWWTP were out of service during this reporting period for repairs. Both Primary Basin #1 and bar screens are scheduled for repairs. Noncompliance is anticipated until July 31, 2006.

SWWTP	Permit Level	1 st Quarter 2006			Stipulated Penalty		
		Jan.	Feb.	Mar.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	36	C	C	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	13.511	C	C	C			
Percent Removal	75%	C	C	C			
<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							\$2,500

C-Compliance

Part E - Consent Decree Compliance Status

2. The City/Parish was not in compliance with the North Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period. The North Wastewater Treatment Plant (NWWTP) exceeded the permit effluent limits for monthly average for BODs. The total amount of stipulated penalties identified for non-compliant activities at the North Plant during this reporting period is \$7,500.00. Noncompliance at the North Wastewater Treatment Plant was due to operational issues.

On January 10, 2006 a scheduled full bypass on the gravity side of the North Treatment Plant occurred to allow City/Parish personnel time to clean the bar screen area. During the month of February, heavy rainfall produced high influent flows, which may have contributed to non-compliance for that month. City/Parish Environmental personnel are currently conducting an investigation concerning what appear to be incidents of illegal discharges.

NWWTP	Permit Level	1 st Quarter 2006			Stipulated Penalty		
		Jan.	Feb.	Mar.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	35	31	34	3	\$2,500	\$7,500
Monthly Avg. (lbs/day)	13.511	C	C	C			
Percent Removal	75%	C	C	C			
<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							\$7,500

C-Compliance

Part E - Consent Decree Compliance Status

- The City/Parish was not in compliance with the Central Treatment Plant LPDES Permit No. LA0036421 AI# 4842 during the reporting period. The Central Wastewater Treatment Plant (CWWTP) exceeded the permit effluent limit for the weekly average for Fecal Coliform. The total amount of stipulated penalties identified for non-compliant activities at the Central Plant during this reporting period is \$1,000. Noncompliance at the Central Wastewater Treatment Plant was due to operational issues at the Central Wastewater Treatment Plant.

The Chlorine Regulator Valve Feed at the CWWTP was malfunctioning, causing sporadic dosing to the chlorine contact chamber #1 and chlorine contact chamber #3. A City/Parish contractor repaired the problem on February 21, 2006.

CWWTP	Permit Level	1 st Quarter 2006			Stipulated Penalty		
		Jan.	Feb.	Mar.	# of Occurrences	Per Occurrence	Total
BOD							
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			
TSS							
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			
TRC							
Monthly Max (mg/l)	0.46	C	C	C			
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	C	521	C	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$1,000

C-Compliance

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 01 / 1 / 06 to 03 / 31 / 06. If not, see comments above.