



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 10

---

**October 27, 2004**



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

October 27, 2004

### 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  
Tenth Quarterly Report - **Period Ending September 30, 2004**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 10<sup>th</sup> Consent Decree Quarterly Report covering activities for the quarter ending September 30, 2004. 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
- Supplemental Environmental Projects (SEP)
- Consent Decree Compliance Status

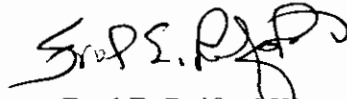
These activities are described in Sections VIII. IX. X. XI. XX and XXI of the Consent Decree.

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 10<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 Tenth 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, appearing to read "Fred E. Raiford III". The signature is stylized and somewhat cursive, with a large initial "F" and "R".

Fred E. Raiford III  
Director

Cc: Honorable Bobby Simpson, Mayor-President  
Mr. Paul Thompson, Chief Administrative Officer  
Chief, Environmental Enforcement Section, US DOJ  
Mr. Bruce Hammatt, LDEQ  
Ms. Peggy Hatch, LDEQ  
Mr. Harold Leggett, LDEQ  
Ms. Mona Bates, US EPA Region 6  
Mr. Carlos Zequeira, (6RC-EA)  
Ms. Vivian Hare, (6EN-WC)  
Mr. Jim Thompson  
Ms. Irys Allgood  
Mr. Jeff Broussard  
Mr. Bryan Harmon  
Mr. Richard Wright  
Mr. Robert Groht  
Mr. Mark LeBlanc  
Mr. David Ratcliff  
Mr. Bill McHie, MWH

# Table of Contents

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

**Part A:**  
Cross Connection  
Elimination Plan

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

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

**Summary of Activities**

No cross connections were discovered during this quarter. There is no anticipated non-compliance. During the reporting period 189,741 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

<b>Summary</b>	<b>North Plant LA0036439 AI# 4843</b>	<b>Central Plant LA0036421 AI# 4842</b>	<b>South Plant LA0036412 AI# 4841</b>	<b>Total</b>
Total No. of Cross Connections Identified:	0	0	0	0
Total No. of Cross Connections Eliminated:	0	0	0	0
Total No. of Private Cross Connections Identified:	0	0	0	0
Total No. of Private Cross Connections Eliminated:	0	0	0	0

**Part A – Cross Connection Elimination Plan**

<b>Summary of Cross Connections Identified</b>						
<b>Number</b>	<b>Date Identified</b>	<b>Location</b>	<b>Private (Y/N)</b>	<b>Current Status</b>	<b>Notice Date</b>	<b>Date Eliminated</b>
<b>North Plant (LA0036439 AI# 4843)</b>						
1						
2						
3						
<b>Central Plant (LA0036421 AI# 4842)</b>						
1						
2						
3						
<b>South Plant (LA0036412 AI# 4841)</b>						
1						
2						
3						

The City/Parish  [is]  [is not] in compliance with Section VIII Elimination of Cross Connections for the period 7 / 1 / 04 to 9 / 30 / 04. 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. The annual goal for lines cleaned was exceeded during the 2<sup>nd</sup> quarter reporting period. The annual goals exceeded during this reporting period are the CCTV, manhole, pump & lift station inspections, and both the Big Peak and Little Peak site visits. Air release valve inspections is the only activity that has not reached 75% of the annual goal, however we intend to increase our preventive maintenance activities in this area to meet or exceed the annual goal. 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.

We do not anticipate any non-compliance related to preventive maintenance activities in the future.

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

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

**Summary of Collection System Activities**

	<b>Quarterly Total Jul-Sept 2004</b>	<b>Cumulative 2004 Annual Total</b>	<b>2004 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	165,699	943,858	<b>570,000</b>
CCTV Inspected (ft)	70,435	639,794	<b>570,000</b>
Smoke Tested (ft)	189,741	654,629	----
Smoke Tested (no. of locations)	51	221	----
Dye Water Flooded (no. of locations)	136	273	----
Manholes Inspected (no.)	1,782	3,016	<b>2,500</b>
Lines Repaired (no.)	799	1,980	----
MH Rehabbed (no.)	305	524	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	36.9	103.2	<b>120</b>
Repaired (no.)	4	11	----
<b>Air Release Valves (604)</b>			
Inspected/Maintained	235	681	<b>960 to 1,200</b>
Repaired (no.)	58	118	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	16,614	48,968	<b>45,136</b>
Wet wells cleaned	142	378	----
Repaired (no.)	10	27	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits	39	116	<b>104</b>
Big Peak site visits	39	116	<b>104</b>

\*\*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 7 / 1 / 04 to 9 / 30 / 04. If not, see comments above.

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

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

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Jul-Sept 2004</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	12,663	36,960	49,623
CCTV Inspected (ft)	13,017	0	13,017
Smoke Tested (ft)	18,462	9,906	28,368
Smoke Tested (no. of locations)	15	0	15
Dye Water Flooded (no. of locations)	15	11	26
Manholes Inspected (no.)	107	0	107
Lines Repaired (no.)	319	96	415
MH Rehabbed (no.)	228	10	238
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	33.9	0.0	33.9
Repaired (no.)	0	1	1
<b>Air Release Valves (335)</b>			
Inspected/Maintained	216	0	216
Repaired (no.)	0	49	49
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	5,382	0	5,382
Wet wells cleaned	45	0	45
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 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 Jul-Sept 2004</u>
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>			
Lines Cleaned (ft)	17,846	22,624	40,470
CCTV Inspected (ft)	17,846	0	17,846
Smoke Tested (ft)	105,538	12,598	118,136
Smoke Tested (no. of locations)	25	0	25
Dye Water Flooded (no. of locations)	25	52	77
Manholes Inspected (no.)	1,597	0	1,597
Lines Repaired (no.)	0	87	87
MH Rehabbed (no.)	54	5	59
<b>Force Mains (10 miles)</b>			
Visual Surface Inspection (miles)	0.0	0.0	0.0
Repaired (no.)	0	1	1
<b>Air Release Valves (18)</b>			
Inspected/Maintained	0	0	0
Repaired (no.)	0	0	0
<b>Pump &amp; Lift Stations (21)</b>			
Inspections (no.)	858	0	858
Wet wells cleaned	35	0	35
Repaired (no.)	0	7	7

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**

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

	<b><u>Routine Maintenance</u></b>	<b><u>Corrective Maintenance</u></b>	<b><u>Quarterly Total Jul-Sept 2004</u></b>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	39,201	36,405	75,606
CCTV Inspected (ft)	39,572	0	39,572
Smoke Tested (ft)	14,254	28,983	43,237
Smoke Tested (no. of locations)	11	0	11
Dye Water Flooded (no. of locations)	11	22	33
Manholes Inspected (no.)	78	0	78
Lines Repaired (no.)	192	105	297
MH Rehabbed (no.)	0	8	8
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	3.0	0.0	3.0
Repaired (no.)	0	2	2
<b>Air Release Valves (251)</b>			
Inspected/Maintained	19	0	19
Repaired (no.)	0	9	9
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	10,374	0	10,374
Wet wells cleaned	62	0	62
Repaired (no.)	0	2	2
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits	39	0	39
Big Peak site visits	39	0	39

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

Corrective Maintenance-Maintenance 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 47 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, with the exception of the required written report within 5 days of the event for one unauthorized discharge on July 13, 2004. However, the monthly Bypass Summary Report submitted on August 10, 2004 included this overflow. The written report for this unauthorized discharge was submitted on July 29, 2004. There were no problems encountered in following the SSO Response Plan. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	12
Central Plant-LA0036421 AI # 4842 Collection System	6
South Plant-LA0036412 AI# 4841 Collection System	29
<b>Total</b>	<b>47</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 7 / 1 / 04 to 9 / 30 / 04. 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.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	12
Central Plant-LA0036421 AI # 4842 Collection System	6
South Plant-LA0036412 AI# 4841 Collection System	29
<b>Total</b>	<b>47</b>

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

There were no unusual SSOs, but there were four unauthorized discharges greater than 100,000 gallons during this reporting period. One of the unauthorized discharges, in the Central Wastewater Treatment Plant (CWWTP) service area, was due to an electrical malfunction at a pump station. The other unauthorized discharges, in the North Wastewater Treatment Plant (NWWTP) service area, were due to pump failures caused by power failures at a pump station (see attached correspondence).

### **Non-Compliance**

There was one incident of non-compliance in the Central Wastewater Treatment Plant service area. The written report for one unauthorized discharge from the collection system was not submitted within 5 days of the incident (see attached correspondence). However all other procedures of the SSO Response Plan were followed, as stated in Part C Sanitary Sewer Overflow Response Plan (SSORP) of this Quarterly Report.

## **Part D – Reporting of Unauthorized Discharges**

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 7/ 1 / 04 to 9 / 30 / 04. If not, see comments above.

**CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE  
SANITARY SEWER OVERFLOW MONITORING REPORT  
JULY 2004 - SEPTEMBER 2004**

**NORTH Sewer District Collection System**

LPDES LA0036439 AI# 4843

1 of 3

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
07.13.04	1455 17TH	DISCHARGED CAUSED FROM BROKEN 8" FORCE MAIN. DISCHARGE CAUSED FROM 4:30 TO 5:30	MADE REPAIRS ON EPR CONTRACT. WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	NONE	5,100	Forcemain	135	184	7.03
07.15.04	5876 QUIDA MAE	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 52-316	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	NONE	200	052-00316	143	140	6.92
08.04.04	2401 75TH ST.	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 44-637	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	MISSISSIPPI RIVER	50	044-00637	117	124	7.04
08.21.04	12124 N. ENGELSWOOD	DISCHARGE CAUSED FROM PS# 45 FAILURE. MH# 45-1	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	CYPRESS BAYOU	573,000	045-00001	88	172	6.89
08.23.04	3722 DONALDSON	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 55-63	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	100	055-00063	140	136	6.86
08.24.04	3722 DONALDSON	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 55-63	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	100	055-00063	126	118	6.92
08.28.04	12124 N. ENGELSWOOD	DISCHARGE CAUSED FROM PS# 45 FAILURE. MH# 45-1	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	CYPRESS BAYOU	313,000	045-00001	70	148	7
08.30.04	12124 N. ENGELSWOOD	DISCHARGE CAUSED FROM PS# 45 FAILURE. MH# 45-1	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	CYPRESS BAYOU	146,000	045-00001	120	134	7.09
09.08.04	10013 SANTA MONICA AVE	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 144-36	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	BLACKWATER BAYOU	400	144-00036	150	98	6.98
09.11.04	8227 OAKVIEW DR.	OVERFLOW CAUSED FROM PS# 55 FAILURE. MH# 55-1	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	HURRICANE CREEK	300	055-00001	142	126	7.14
09.28.04	5825 TIOGA DR.	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 39-27	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	150	039-00027	134	106	6.9
09.29.04	8462 ELM GROVE GARDEN	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 44-220	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	HURRICANE CREEK	150	044-00220	115	144	7

**CENTRAL Sewer District Collection System**

LPDES LA0036421AI# 4842

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
07.13.04	2282 ELIZA BEAUMONT	ELECTRICAL MALFUNCTION DISCHARGE CAME FROM OVER-FLOW PIPE FROM WET WELL	RESET BREAKER ON P.S.	NONE	DAWSON CREEK	232,000	PS #3	N/A	N/A	N/A
07.19.04	1600 MATILDA	DISCHARGE CAUSED FROM BROKEN FORCE MAIN. PS# 10 AREA.	MADE REPAIRS ON EPR CONTRACT. WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	NONE	1,000	007-04626A	172	166	6.86

## CENTRAL Sewer District Collection System

LPDES LA0036421AI# 4842

2 of 3

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
07.24.04	2092 LAKESHORE	POWER OUTAGE	FOLLOW-UP REPORT TRACKING #04-04991	NONE	BAYOU DUPLANTIER	30,500	PS #10	N/A	N/A	N/A
08.03.04	1129 ROYAL	OVERFLOW WAS RELEASED FROM A BROKEN SERVICE LATERAL. PS# 59	MADE REPAIR ON EPR WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	MISSISSIPPI RIVER	35	PS# 59	119	160	7
08.03.04	3003 RIVER ROAD	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 1-83.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	70	001-00083	119	160	7
09.13.04	4400 COLLEGE DR.	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 5-4033.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	CLAYCUT BAYOU	350	005-04033	176	168	7.07

## SOUTH Sewer District Collection System

LPDES LA0036412 AI#4841

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
07.07.04	15545 PATRICIA DALE	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH#062-00093	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	JONES CREEK	80	062-00093	153	148	7.36
07.08.04	7707 OLD HAMMOND	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH#058-01948	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	JONES CREEK	25	058-01948	130	162	7.23
07.09.04	8393 WADSWORTH	DISCHARGE DUE TO PS FAILURE. PS# 294	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	100	294-00001	135	143	7.12
07.09.04	680 SHARP RD.	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH#050-00561	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	NONE	100	050-00561	135	143	7.12
07.10.04	9926 GREAT SMOKEY	OVERFLOW CAUSED FROM SURCHARGED CONDITIONS. MH#051-00001	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	IMPLEMENT RMAP PROJECTS.	JONES CREEK	400	051-00001	91	224	7.1
07.12.04	8100 SIEGAN	DISCHARGED CAUSED FROM BROKEN 10" FORCE MAIN.	REPAIRED BREAK-CONTAINED DISCHARGE AND PUMPED SEWER BACK INTO SYSTEM. DEODORIZED	NONE	WARDS CREEK	50,000	Forcemain	126	204	6.98
07.12.04	920 TINLEY	OVERFLOW CAUSED FROM SURCHARGED CONDITIONS. MH#050-00001	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	NONE	3,100	050-00001	107	172	7.04
07.13.04	3139 MARYDON	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH#051-00265	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	NONE	200	051-00265	111	126	7.16
07.16.04	9124 PARKVIEW	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH#058-01868	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	NONE	50	058-01868	154	315	7.24
07.24.04	772 PLANTATION RIDGE	DISCHARGE DUE TO PS FAILURE. PS# 161	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	3,900	161-00108	122	212	6.89
07.26.04	10985 HIGHLAND	DISCHARGE CAUSED FROM PS# 302 FAILURE. MH# 302-5004 DISCHARGED 2" TO 3".	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	8,600	302-05004	144	236	7.23
07.30.04	844 BOURBON	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 120-15	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	DAWSON CREEK	250	120-00015	132	190	6.82

## SOUTH Sewer District Collection System

LPDES LA0036412 AI#4841

3 of 3

	<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>
13	07.31.04	110 SHADY LAKE	DISCHARGE CAUSED FROM PS# 302 FAILURE. MH# 302-5004	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	HIDDEN LAKE	300	302-05004	137	152	7.13
14	08.01.04	110 SHADYLAKE	DISCHARGE CAUSED FROM PS# 302 FAILURE. MH# 302-5004	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	HIDDEN LAKE	700	302-05004	130	177	6.99
15	08.02.04	9475 GREENWELL SPRINGS	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 18-24B	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	HURRICANE CREEK	80	018-00024B	152	147	7.15
16	08.04.04	2544 FOSTER DR.	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 49-25	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	HURRICANE CREEK	50	049-00025	166	168	6.98
17	08.13.04	15200 AIRLINE HWY	BROKEN 4" FORCEMAIN PS# 424	MADE REPAIR ON EPR WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	NONE	1,100	Forcemain	162	170	7.08
18	08.14.04	19508 E. LAKEWAY	BROKEN COLLECTION LINE. PS# 343	MADE REPAIR ON EPR WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	NONE	23,000	PS# 343	152	195	7.5
19	08.20.04	19508 E. LAKEWAY	BROKEN COLLECTION LINE. PS# 343	MADE REPAIR ON EPR WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	NONE	65,600	PS# 343	110	188	6.98
20	08.20.04	7140 ANTIOCH	BROKEN 4" FORCEMAIN PS# 266	MADE REPAIR ON EPR WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	CLAYCUT BAYOU	31,300	PS#266	122	206	6.98
21	08.23.04	1654 SHERWOOD FOREST	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. PS# 50 AREA.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	80	PS# 50	136	164	6.83
22	08.25.04	11462 E. BLACK OAK	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 50-380.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	75	050-00380	141	158	7.04
23	09.01.04	239 CHAPLEVIEW	DISCHARGE CAUSED FROM PS# 302 FAILURE. MH# 50-9045	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	JONES CREEK	100	050-09045	165	174	7.23
24	09.05.04	5521 ALLEGHENY CT.	OVERFLOW CAUSED FROM PS#308 FAILURE. MH# 308-1	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	CLAYCUT BAYOU	600	308-00001	129	160	7.1
25	09.05.04	7212 QUORUM DR.	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 170-97	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	CLAYCUT BAYOU	100	170-00097	129	160	7.1
26	09.08.04	3369 CRESTWOOD	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 58-600	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	JONES CREEK	400	058-00600	154	146	6.9
27	09.11.04	3163 MARYDON	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH# 51-271.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	NONE	50	051-00271	138	135	7.25
28	09.27.04	5521 ALLEGHENY CT.	OVERFLOW CAUSED FROM PS# 172 FAILURE. MH# 172-1	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	CLAYCUT BAYOU	3,000	172-00001	154	162	6.9
29	09.30.04	2424 DRUSILLA	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. 58-666	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTABLE MAINTENANCE	JONES CREEK	100	058-00666	148	164	6.99

**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

July 29, 2004

RECEIVED  
AUG 04 2004

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

Attention: Vivian Hare

Re: LPDES Permit No. LA0036421 AI#4842  
2282 Eliza Beaumont Overflow - PS 3

Dear Ms. Hare:

This letter is to inform you of an overflow at 2282 Eliza Beaumont, which occurred from approximately 5:24 p.m. to 7:15 p.m. July 13, 2004. During this time, an estimated 232,000 gallons of untreated sewage was released to Dawson Creek.

This overflow was due to an electrical malfunction at Pump Station #3. The pump mechanic was called, the breaker was reset at the pump station, and the area was washed down, deodorized and disinfected. 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,

A handwritten signature in black ink, appearing to read "Fred E. Raiford III".

Fred E. Raiford III  
Director of Public Works

FER/RG/tkb

xc: Jerome M. Klier, Deputy Director of Public Works  
Kent Mudd, Special Projects Engineer  
Richard Wright, P.E.  
Robert Groht, Jr., Wastewater Treatment Plant Manager  
David Ratcliff, Wastewater Collection Systems Manager  
Michael Ponder, Parish Attorney  
Bill McHie, MWH

**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

August 27, 2004

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  
12124 Engelswood Overflow - PS 45 Area

Dear Ms. Hare:

This letter is to inform you of an overflow at 12124 Engelswood, which occurred from approximately 3:10 p.m. August 21, 2004 to 2:00 p.m. August 22, 2004. During this time, a significant amount of untreated sewage was released to Cypress Bayou. The total volume of sewage released has not been determined at this time. Investigation of this incident is ongoing and additional information will be provided in a follow-up letter as soon as it is available.

This overflow was due to a pump failure at Pump Station #45. The pump mechanic was contacted, the repairs were made, and the area was washed down, deodorized and disinfected. 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,

*For* Fred E. Raiford III  
Director of Public Works

FER/DR/klb

xc: Jeff Broussard, Deputy Director of Public Works  
Kent Mudd, Special Projects Engineer  
Rick Wright, P.E.  
Robert Groht, Jr., Wastewater Treatment Plant Manager  
David Ratcliff, Wastewater Collection Systems Manager  
Michael Ponder, Parish Attorney  
Bill McHie, MWH

**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

September 2, 2004

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  
12124 Engelswood Overflow - PS 45 Area


Dear Ms. Hare:

This letter is to inform you of an overflow at 12124 Engelswood, which occurred from approximately 3:10 p.m. to 5:30 p.m. August 21, 2004. During this time, an estimated 573,000 gallons of untreated sewage was released to Cypress Bayou.

This overflow was due to a pump failure caused by power failure at Pump Station #45. The pump mechanic was contacted, the repairs were made, and the area was washed down, deodorized and disinfected. The area clean up began at 5:30 p.m. August 21, 2004 and lasted until 2:00 p.m. August 22, 2004. 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,



Fred E. Raiford III  
Director of Public Works

FER/DR/tkb

xc: Jeff Broussard, Deputy Director of Public Works  
Rick Wright, P.E.  
Robert Groht, Jr., Wastewater Treatment Plant Manager  
David Ratchiff, Wastewater Collection Systems Manager  
Michael Ponder, Parish Attorney  
Bill McHie, MWH



## Department of Public Works



City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

September 2, 2004

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  
12124 Engelswood Overflow - PS 45 Area

Dear Ms. Hare:

This letter is to inform you of an overflow at 12124 Engelswood, which occurred from approximately 9:42 p.m. to 12:32 p.m. August 28, 2004. During this time, an estimated 313,000 gallons of untreated sewage was released to Cypress Bayou.

This overflow was due to a pump failure caused by power failure at Pump Station #45. The pump mechanic was contacted, the repairs were made, and the area was washed down, deodorized and disinfected. 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,

A handwritten signature in black ink, appearing to read "Fred E. Raiford III".

Fred E. Raiford III  
Director of Public Works

FER/DR/tkb

xc: Jeff Broussard, Deputy Director of Public Works  
Rick Wright, P.E.  
Robert Groht, Jr., Wastewater Treatment Plant Manager  
David Ratcliff, Wastewater Collection Systems Manager  
Michael Ponder, Parish Attorney  
Bill McHie, MWH

**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

September 3, 2004

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 AJ#4843  
12124 Engelswood Overflow - PS 45 Area

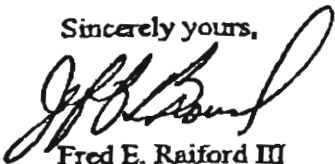
Dear Ms. Hare:

This letter is to inform you of an overflow at 12124 Engelswood, which occurred from approximately 10:45 a.m. to 11:47 a.m. August 30, 2004. During this time, an estimated 146,000 gallons of untreated sewage was released to Cypress Bayou.

This overflow was due to a pump failure caused by power failure at Pump Station #45. The pump mechanic was contacted, the repairs were made, and the area was washed down, deodorized and disinfected. 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,



Fred E. Raiford III  
Director of Public Works

FER/DR/tcb

xc: Jeff Broussard, Deputy Director of Public Works  
Rick Wright, P.E.  
Robert Groht, Jr., Wastewater Treatment Plant Manager  
David Ratcliff, Wastewater Collection Systems Manager  
Michael Ponder, Parish Attorney  
Bill McHie, MWH

**Part E:**  
Supplemental Environmental  
Projects (SEPs)

## **Baton Rouge Consent Decree Quarterly Report Part E - Supplemental Environmental Projects (SEPs)**

**Requirement:** Pursuant to Section XX, Paragraph 60 of the Consent Decree, the City/Parish shall conduct Supplemental Environmental Projects (SEPs) in accordance with the SEP Plan Requirements. The SEPs will be completed in accordance with the schedule specified in the SEP Plan Requirement. Pursuant to Paragraph 61 of the Consent Decree, the City/Parish shall spend no less than \$1,125,000 on the SEPs. Pursuant to Paragraph 62 of the Consent Decree, the City/Parish shall complete the SEPs in accordance with the milestones contained in the SEP Plan Requirements and submit a SEP Completion Report no later than September 14, 2004. Pursuant to Paragraph 63 of the Consent Decree, the City/Parish will not be required to pay any additional civil penalty for not complying with Paragraph 61, if the City/Parish made good faith and timely efforts to complete the SEP project and can certify that at least 90% of the SEP money was spent.

### **Summary**

The SEPs completed as part of the Baton Rouge Consent Decree eliminated septic tank discharges to local waterways and redirected those flows to the public sanitary sewerage facilities for treatment. Prior to the completion of the SEPs, the sanitary sewerage facilities in the project areas consisted of individual septic tanks at each residence, which discharged to local ditches and streams that ultimately drained into the Comite and Amite Rivers. The SEPs eliminated these discharges to the local drainage systems by redirecting these flows through new sewer lines to an existing or new pump station. The flows can then be treated at the City/Parish wastewater treatment plants.

The SEPs were implemented as required by the Consent Decree with the exception of three projects beginning after the required construction start date. However, the construction for all the SEPs was completed ahead of the Consent Decree milestone completion dates. The total costs for the SEPs, including the total for design, bidding, land and construction is \$1,259,644, which is approximately 12% more than the \$1,125,000 expenditure required by the Consent Decree. The City/Parish exceeded the expenditure goal even though design costs are not included for the two projects that were designed by City/Parish staff. The SEP Completion Report was also completed ahead of time and submitted September 10, 2004 (see attachment).

The following are the Supplemental Environmental Projects (SEPs):

1. Donwood/Oak Manor Project
2. Pleasant Hills (Section 3)/Green Acres Project
3. Sharon Hills/Cedar Glen/Pleasant Hills Project
4. Stumberg Lane Project

### **Summary of Activities**

The Donwood/Oak Manor Project construction was completed on September 4, 2003, 190 days prior to the Consent Decree construction completion milestone. The Metropolitan Council issued the Certificate of Final Acceptance on October 22, 2003. The City/Parish distributed a letter to area property owners informing them of their obligation to abandon their septic tank, back fill it with

**Part E – Supplemental Environmental Projects (SEPs)**

sand and make sure their service line is properly connected to the City-Parish collection line within six months following the official notification letter, January 8, 2004.

The Pleasant Hills (Section 3)/Green Acres Project construction was completed on June 7, 2004, 7 days prior to the Consent Decree construction completion milestone. Once the work was completed, the contractor requested acceptance, and the work was inspected and recommended for acceptance by DPW and the design engineer. The Metropolitan Council issued a Resolution for Partial Acceptance on June 23, 2004 and for Final Acceptance on August 25, 2004. The City/Parish distributed a letter to area property owners informing them of their obligation to abandon their septic tank, back fill it with sand and make sure their service line is properly connected to the City-Parish collection line within eighteen months following the official notification letter, July 26, 2004.

The Sharon Hills/Cedar Glen/Pleasant Hills Project construction was completed on July 30, 2004, 15 days prior to the Consent Decree construction completion milestone. The Metropolitan Council issued a Resolution for Partial Acceptance on August 11, 2004 and for Final Acceptance on August 25, 2004. The City/Parish distributed a letter to area property owners informing them of their obligation to abandon their septic tank, back fill it with sand and make sure their service line is properly connected to the City-Parish collection line within eighteen months following the official notification letter, July 26, 2004.

The Stumberg Lane Project construction was completed on September 15, 2003, 181 days prior to the Consent Decree construction completion milestone. The Metropolitan Council issued the Certificate of Final Acceptance on November 25, 2003. The City/Parish distributed a letter to area property owners informing them of their obligation to abandon their septic tank, back fill it with sand and make sure their service line is properly connected to the City-Parish collection line within six months following the official notification letter, January 8, 2004.

**Status of Supplemental Environmental Projects (SEPs)**

Proj. No.	Design Status	Construction Start Date			Construction Completion Date		Construction % Complete	Project Cost	
		CD Sched.	Advertised	NTP	CD Sched.	Completion		CD Estimate	Total Amount
1	100%	03/14/03	02/21/03	04/28/03	03/14/04	09/04/03	100%	\$ 125,000	\$ 265,773
2	100%	06/14/03	06/27/03	09/24/03	06/14/04	06/07/04	100%	\$ 250,000	\$ 911,131
3					08/14/04	07/30/04	100%	\$ 650,000	
4	100%	03/14/03	03/28/03	06/18/03	03/14/04	09/15/03	100%	\$ 100,000	\$ 82,740
							Total	\$1,125,000	\$1,259,644

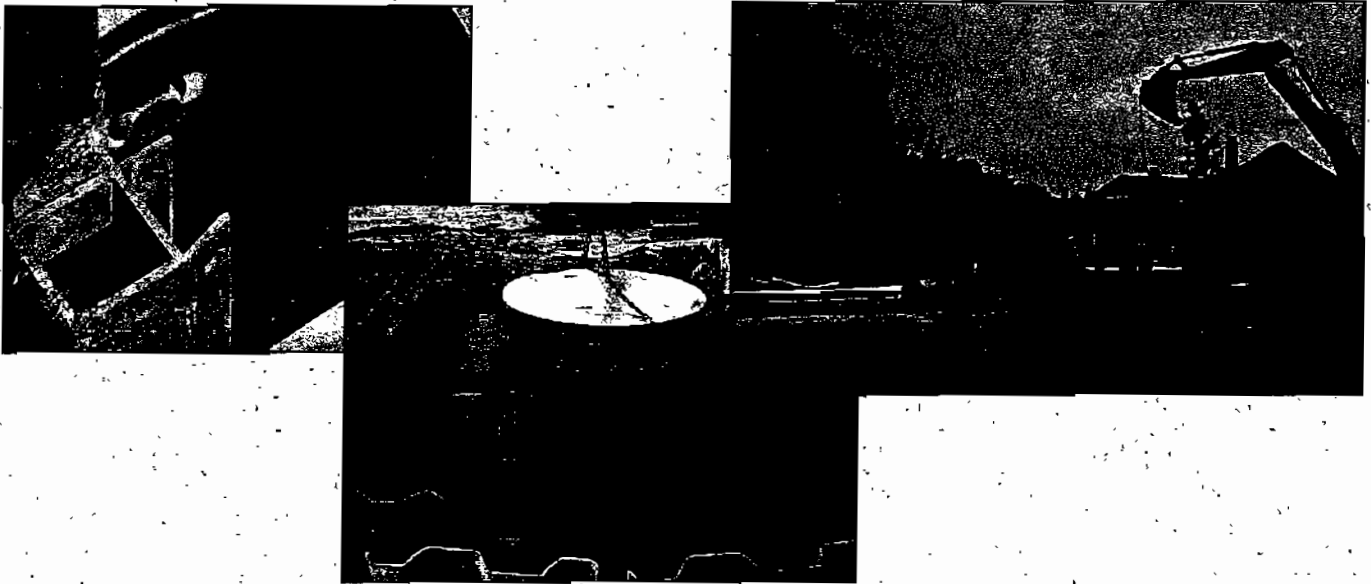
1. Donwood/Oak Manor Project
2. Pleasant Hills (Section 3)/Green Acres Project
3. Sharon Hills/Cedar Glen/Pleasant Hills Project
4. Stumberg Lane Project

The City/Parish  [is]  [is not] in compliance with Section XX Supplemental Environmental Projects for the period 07 / 1 / 04 to 09 / 30 / 04. If not, see comments above.

# **BATON ROUGE SSO PROGRAM 2002 CONSENT DECREE**



## **Supplemental Environmental Projects Completion Report**



**September 10, 2004**



## **Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

September 10, 2004

### **CERTIFIED – RETURN RECEIPT REQUESTED**

Chief,  
Water Enforcement Branch (6EN-WC)  
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  
Supplemental Environmental Projects (SEPs) Completion Report

Attention: Vivian Hare

Pursuant to Section XX, Paragraph 62 of the 2002 Baton Rouge Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the Supplemental Environmental Projects (SEPs) Completion Report. The SEPs were implemented in accordance with the Consent Decree with the exception of three projects beginning after the required construction start date. However, all SEPs were completed ahead of the required Consent Decree completion dates. The total cost for the SEPs, including design, bidding, land and construction is \$1,259,643.85, which is approximately 12% more than the \$1,125,000 expenditure required by the Consent Decree.

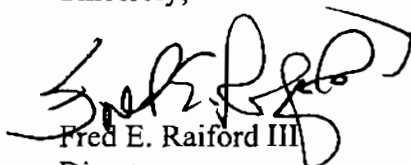
The SEPs Completion Report describes the purpose, background, environmental and public benefits, and the public information program for all SEPs. A detailed description of each SEP, construction duration, and total cost is also included in the report. Additionally, this report documents and certifies the successful completion and implementation of the SEPs.

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of either the person or persons who manage the system and/or the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I further certify, to the best of my knowledge and belief, that this

document is consistent with the applicable requirements of the Consent Decree entered among the United States, the State of Louisiana, the City of Baton Rouge, and the Parish of East Baton Rouge in the matter of United States v. Baton Rouge, [Consent Decree-Civil Action No. 01-978-B-M3], (M. D. La.). I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for known violations.

The City/Parish is confident that the completed projects meet the EPA policy for SEPs, and are a significant benefit to the public and the environment. If you have any questions or require additional information please do not hesitate to call.

Sincerely,



Fred E. Raiford III  
Director

Cc: Honorable Bobby Simpson, Mayor-President  
Mr. Paul Thompson, Chief Administrative Officer  
Chief, Environmental Enforcement Section, US DOJ  
Mr. Bruce Hammatt, LDEQ  
Ms. Peggy Hatch, LDEQ  
Mr. Carlos Zequeira, (6RC-EA)  
Ms. Mona Bates, US EPA Region 6  
Mr. Jim Thompson  
Ms. Irys Allgood  
Mr. Jeff Broussard  
Mr. Bryan Harmon  
Mr. Richard Wright  
Mr. Robert Groht  
Mr. Mark LeBlanc  
Mr. David Ratcliff  
Mr. Bill McHie, MWH



**Part F:**  
Consent Decree  
Compliance Status

## Baton Rouge Consent Decree Quarterly Report Part F - 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 weekly average for BOD, monthly average for BOD & TSS (mg/l), and 75% removal of BOD, for the periods 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 \$19,500. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

Trickling filters #1-4 and primary basin #2 at the SWWTP were out of service during this reporting period for repairs. Primary Basin #2 should be back in service during the next quarter. Specifications were prepared for the rehabilitation of the trickling filters #1-4 during this reporting period and work should begin during the next quarter. Noncompliance is anticipated until April 2005, when trickling filters #1-4 will be put back into service.

SWWTP	Permit Level	3 <sup>rd</sup> Quarter 2004			Stipulated Penalty		
		Jul.	Aug.	Sept.	# of Occurrences	Per Occurrence	Total
<b><u>BOD</u></b>							
7-Day Avg. (mg/l)	45	C	47	C	1	\$1,000	\$1,000
			46		1	\$1,000	\$1,000
Monthly Avg. (mg/l)	30	35	41	41	3	\$2,500	\$7,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	72%	72%	72%	3	\$2,500	\$7,500
<b><u>TSS</u></b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	33	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<b><u>TRC</u></b>							
Daily Avg (mg/l)	0.46	C	C	C			
<b><u>Fecal Coliform</u></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>\$19,500</b>

C-Compliance

**Part F - Consent Decree Compliance Status**

- The Sanitary Sewer Overflow Response Plan (SSORP) was followed for each unauthorized discharge reported during this quarter, with the exception of the required written report within 5 days of the event, for one unauthorized discharges on July 13, 2004. The written report for this unauthorized discharge was inadvertently not submitted in a timely manner. The City/Parish was in compliance with the Collection System Preventive Maintenance Program Plan and all other procedures of the SSORP were followed in responding to and mitigating the impact of these discharges. The stipulated penalty identified for this unauthorized discharge in the CWWTP area is \$5,000 for the period shown in the table below.

<u>Unauthorized Discharges</u> ( <1M gal.)	<b>3<sup>rd</sup> Quarter 2004</b>			<b>Stipulated Penalty</b>		
	<u>Jul.</u>	<u>Aug.</u>	<u>Sept.</u>	<u># of Occurrences</u>	<u>Per Occurrence</u>	<u>Total</u>
North Plant-LA0036439	C	C	C			
Central Plant-LA0036421	1	C	C	1	\$5,000	\$5,000
South Plant-LA0036412	C	C	C			
<b>Total</b>						<b>\$5,000</b>

C-Compliance

**Summary of Activities**

- A meeting with Lake Sherwood Homeowner's association regarding the PS 136 project was held on August 19, 2004 (see attached correspondence).
- SEP Completion Report submitted on September 10, 2004, included as an attachment to Part E-Supplemental Environmental Projects of this Quarterly Report.
- Design engineer selected for Project 04-RMP-N13, the North Choctaw Area Upgrades.
- Design engineer selected for Project 04-RMP-S05, the South Choctaw Area Upgrades.
- The contract for detailed design was negotiated and approved by the Metropolitan Council for Project 03-RMP-T04, South Service Area Trunk Tunnels.
- Specifications were prepared for rehabilitation of trickling filters #1-4 at the SWWTP.
- Met with the Citizens Advisory Committee to discuss the status of the SSO Program and review an upcoming presentation to the Federation of Greater Baton Rouge Civic Associations.
- Made a presentation to Federation of Greater Baton Rouge Civic Associations on overview of the SSO Program (see attachment).

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 7 / 1 / 04 to 9 / 30 / 04. If not, see comments above.

# MEMORANDUM



**MWH**  
MONTGOMERY WATSON HARZA

SEP 03 2004

Sewer Operations  
General Administration

**To:** Rick Wright  
**From:** Bill McHie *WMA*  
**Date:** August 30, 2004  
**File No.** 99-RMP-S16  
**Subject:** Pump Station 136 (Lake Sherwood) Area Upgrades  
Homeowner's Association Meeting Summary

## Attendees

Jesse Arnold, J.L. Arnold, Inc.  
Jason Crain, SIGMA Consulting Group, Inc.  
Ben Fort, Homeowner's Association  
Don Frattini, Homeowner's Association

Bill McHie, MWH  
Bob Waltman, Homeowner's Association  
Miles Williams, SIGMA Consulting Group, Inc.  
Rick Wright, SOGA

## Summary

The meeting was held at the request of the Lake Sherwood Association Board to discuss work to be done in the vicinity of the clubhouse as part of the Pump Station 136 project - specifically the new gravity pipe to be installed in the vicinity of the dam. Board members showed photos indicating that the concrete apron on top of the dam is cracked. The current work proposed by SIGMA is to leave the concrete apron in place, and provide geotextile fabric and rip rap from the concrete apron to the centerline of Weiner Creek. This will include careful placement of some rocks under the existing concrete apron to fill easily accessible voids, but no more than about 2-3 feet from the edge of the apron. Based on advice from Jesse Arnold, the Association would like to drill into the concrete apron and fill the voids using a flowable fill/grout.

There was disagreement about whether the flowable fill solution would be better and if it would be at a lower or comparable cost. The City/Parish agreed to consider the ideas presented by the homeowner's association and see if there was a way to satisfy all concerns.

The project will not be advertised for bids until late this year or early next year. Also, the work around the dam may not be scheduled for immediate construction, so it may be over a year before any actual construction takes place near the dam. Once a contractor is selected through the competitive bidding process, the City/Parish agreed to notify the homeowner's association so they would be able to contact the contractor concerning repairing voids under the concrete apron on their property. It is very possible that the contractor may decide to use flowable fill, or may agree to do that work for a small fee, or may come up with a third better alternative.

All parties agreed that we have more time to consider options before any work is done.

Cc: Attendees, Ray Riaks, Document Control, File



**Baton Rouge SSO Program**  
**Federation of Greater Baton Rouge**  
**Civic Associations**  
**August 12, 2004**