



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 6

October 30, 2003



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

October 29, 2003

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
Sixth Quarterly Report - **Period Ending September 30, 2003**

Gentlemen:

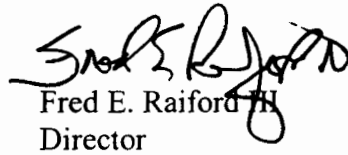
Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 6th Consent Decree Quarterly Report covering activities for the quarter ending September 30, 2003. This report contains a summary of compliance with and activities related to:

- Cross Connection Elimination Plan
- 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.

I certify that the information contained in or accompanying this document is true, accurate and complete. As to 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,


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. Vivian Hare, (6EN-WC)
Mr. Jim Thompson
Mr. Jerome Klier
Mr. Jeff Broussard
Mr. Kent A. Mudd
Mr. Robert Groht
Mr. Mike Hill
Mr. David Ratcliff
Mr. Bill McHie, MWH

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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 372,600 linear feet of sewer were smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

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

Part A – Cross Connection Elimination Plan

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

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 07 / 01 / 03 to 09 / 30 / 03. If not, see comments above.

Part B:
Preventive Maintenance
Program (PMP)

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 Wastewater 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 Wastewater Treatment Facilities Preventive Maintenance Plan. We have also continued developing an electronic tracking system for maintenance activities at the three treatment plants, similar to the tracking system established for the pump stations. As part of the electronic tracking system, service requests are entered into the Hansen system for the Wastewater Treatment Facilities in order to automate this entire process.

The table on page B-2 provides a summary of collection system preventive maintenance activities during the reporting period. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs, etc. Information is provided for each treatment plant service area based on whether the activity was routine (standard preventive maintenance) or corrective (in response to a particular complaint or perceived problem) in nature.

The summary table on page B-2 indicates good progress on all annual goals except CCTV inspection. We anticipate increasing our efforts in this area over the next quarter in order to reach our annual goal. For some activities, we have already exceeded our annual goals as of the end of the third quarter.

Based on the work effort through existing contracts and by City/Parish forces during this quarter, 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

	Quarterly Total	Cumulative Annual Total	Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	145,855	551,359	570,000
CCTV Inspected (ft)	91,241	348,471	570,000
Smoke Tested (ft)	372,586	985,458	----
Smoke Tested (no. of locations)	258	1,400	----
Dye Water Flooded (no. of locations)	258	1,200	----
Manholes Inspected (no.)	425	2,494	2,500
Lines Repaired (no.)	535	1,525	----
MH Rehabbed (no.)	90	214	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	55.7	142.2	120
Repaired (no.)	9	20	----
Air Release Valves (604)			
Inspected/Maintained	397	733	960 to 1,200
Repaired (no.)	66	162	----
Pump & Lift Stations (421)			
Inspections (no.)	15,762	48,138	45,136
Wet wells cleaned	55	152	----
Repaired (no.)	14	39	----
Peak Flow Storage Facilities (2)			
Little Peak site visits	38	114	104
Big Peak site visits	38	114	104

**Attached are separate Collection System Activity Sheets for each Treatment Plant Service Area.

The City/Parish [is] [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 07 / 01 / 03 to 09 / 30 / 03. If not, see comments above.

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

North Plant (LA0036439 AI# 4843)

	Routine Maintenance	Corrective Maintenance	Quarterly Total
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	71,383	10,724	82,107
CCTV Inspected (ft)	70,514	0	70,514
Smoke Tested (ft)	273,205	20,100	293,305
Smoke Tested (no. of locations)	0	67	67
Dye Water Flooded (no. of locations)	0	67	67
Manholes Inspected (no.)	183	0	183
Lines Repaired (no.)	11	81	92
MH Rehabbed (no.)	0	10	10
Force Mains (120 miles)			
Visual Surface Inspection (miles)	35.7	0.0	35.7
Repaired (no.)	0	2	2
Air Release Valves (335)			
Inspected/Maintained	131	0	131
Repaired (no.)	0	25	25
Pump & Lift Stations (141)			
Inspections (no.)	5,106	0	5,106
Wet wells cleaned	13	0	13
Repaired (no.)	0	2	2

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

Central Plant (LA0036421 AI# 4842)

	Routine Maintenance	Corrective Maintenance	Quarterly Total
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	4,687	20,435	25,122
CCTV Inspected (ft)	3,819	0	3,819
Smoke Tested (ft)	22,369	10,200	32,569
Smoke Tested (no. of locations)	26	34	60
Dye Water Flooded (no. of locations)	26	34	60
Manholes Inspected (no.)	121	0	121
Lines Repaired (no.)	0	68	68
MH Rehabbed (no.)	0	3	3
Force Mains (10 miles)			
Visual Surface Inspection (miles)	5.0	0.0	5.0
Repaired (no.)	0	2	2
Air Release Valves (18)			
Inspected/Maintained	50	0	50
Repaired (no.)	0	12	12
Pump & Lift Stations (21)			
Inspections (no.)	814	0	814
Wet wells cleaned	18	0	18
Repaired (no.)	0	3	3

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

South Plant (LA0036412 AI# 4841)

	Routine Maintenance	Corrective Maintenance	Quarterly Total
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	17,080	21,546	38,626
CCTV Inspected (ft)	16,908	0	16,908
Smoke Tested (ft)	11,312	35,400	46,712
Smoke Tested (no. of locations)	13	118	131
Dye Water Flooded (no. of locations)	13	118	131
Manholes Inspected (no.)	121	0	121
Lines Repaired (no.)	228	147	375
MH Rehabbed (no.)	0	77	77
Force Mains (110 miles)			
Visual Surface Inspection (miles)	15.0	0.0	15.0
Repaired (no.)	0	5	5
Air Release Valves (251)			
Inspected/Maintained	216	0	216
Repaired (no.)	0	29	29
Pump & Lift Stations (259)			
Inspections (no.)	9,842	0	9,842
Wet wells cleaned	24	0	24
Repaired (no.)	0	9	9
Peak Flow Storage Facilities (2)			
Little Peak site visits	38	0	38
Big Peak site visits	38	0	38

Part C:
Sanitary Sewer Overflow
Response Plan (SSORP)

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 42 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. There were no problems encountered in following the SSO Response Plan. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge reported. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4841 Collection System	10
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4843 Collection System	27
Total	42

** See table attached to Part D – Reporting of Unauthorized Discharges for detailed information about individual events.

The City/Parish [is] [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 07 / 01 / 03 to 09 / 30 / 03. 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.

There were no unusual SSOs, but there were two unauthorized discharges greater than 100,000 gallons during this reporting period. These unauthorized discharges were due to power outages at the plant, as noted in attached correspondence. In both cases the power to the plant was restored soon after, and pumps were immediately returned to normal operation and the overflow ceased.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4841 Collection System	10
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4843 Collection System	27
Total	42

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

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 07 / 01 / 03 to 09 / 30 / 03. If not, see comments above.

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

JULY 2003-SEPTEMBER 2003

North Sewer District Collection System

LPDES LA0036439 AI# 4843 / LADEQ Permit # WP0487

1 of 3

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
1	7/02/2003	13672 SHAMROCK	STOPPAGE IN WET WELL & C/L	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE / MONITOR FOR RECURRENCE	COMITE RIVER	150	PS-00121	106	308	7.23
2	7/02/2003	50 WOOD PECKER ST	ELECTRICAL POWER OUTAGE, GRAVITY INFLUENT PUMP FAILURE	USED SCREW PUMP TO COMPENSATE	NONE	MISSISSIPPI	91,200	NWWTP	43	548	7.09
3	7/16/2003	4532 WEST POST OAK DR.	CRACKED 4" FORCE MAIN	REPAIR CREW DISPATCHED	NONE	N/A	350	PS-00207	200	104	7.35
4	7/25/2003	6936 AUTUMN	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	HURRICANE CREEK	100	PS-00052	126	135	7.25
5	8/20/2003	9500 DANCY DR.	ELECTRICAL POWER OUTAGE	ENTERGY CONTACTED AND ASKED TO RESTORE POWER	NONE	N/A	1,950	PS-00116	195	82	7.33
6	8/22/2003	11028 IDA	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	BLACKWATER BAYOU	300	PS-00086	119	53	7.00
7	8/27/2003	50 WOOD PECKER ST	ELECTRICAL POWER OUTAGE	POWER RESTORED	NONE	MISSISSIPPI	37,500	NWWTP	184	114	7.24
8	9/08/2003	20024 BUCKHORN	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	COMITE RIVER	300	PS-00320	164	126	7.08
9	9/16/2003	12754 CENTERRA CT.	LEAK IN 4" FORCE MAIN	REPAIR OF FORCE MAIN	NONE	N/A	200	PS-00125	154	68	7.82
10	9/18/2003	20024 BUCKHORN	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	COMITE RIVER	300	PS-00320	140	118	7.16

Central Sewer District Collection System

LPDES LA0036421 AI#4842 / LADEQ Permit # WP0487

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
1	8/12/2003	2147 LAKESHORE	MANHOLE OVERFLOWED DUE TO HEAVY RAIN EVENT	WASHED DOWN AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	2,000	PS-00010	57	390	7.24
2	8/12/2003	3559 LAKESHORE	MANHOLE OVERFLOWING DUE TO HEAVY RAIN EVENT	WASHED DOWN AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	2,300	PS-00010	57	390	7.24
3	8/26/2003	2025 LAKESHORE	FORCE MAIN LEAK AT PUMP STATION NO. 10	REPAIR MADE BY PRIVATE CONTRACTOR 8/27/03	NONE	N/A	75	PS-00010	162	175	7.43
4	8/27/2003	3470 BRADY	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	N/A	50	PS-00060	142	220	7.34
5	9/18/2003	2750 ALASKA	OVERFLOW WAS CAUSED BY STOPPAGE IN COLLECTION LINE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE		40	PS-00001	153	176	7.15

South Sewer District Collection System

LPDES LA0036412 AI#4841 / LADEQ Permit # WP0487

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
1	7/14/2003	1726 LEONARD	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	DAWSON CREEK	75	PS-00057	106	158	7.02

South	Sewer District Collection System		LPDES LA0036412 A1#4841 / LADEQ Permit # WP0487								
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
2	7/14/2003	1901 MAGNA CARTA	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	JONES CREEK	100	PS-00058	106	158	7.02
3	7/23/2003	1016 RENDALE	PUMP # 1 GAUGE RAIL BRACKET KNOCKED OFF OF PUMP BY LOG. #2 PUMP OUT OF SERVICE	PUMP REMOVED, REFITTED W/ ANOTHER BRACKET, AND RETURNED TO SERVICE	NONE	BAYOU FOUNTAIN	22,000	PS-00229	146	90	7.17
4	8/05/2003	7720 BLUEBONNET BLVD.	ENTERGY DRILLED HOLE THROUGH 14" FORCE MAIN	ARRANGEMENTS MADE FOR REPAIR	NONE	N/A	7,000	PS-00300	Invalid Test	89	7.47
5	8/12/2003	11111 ROY EMERSON	MANHOLE OVERFLOW DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	PONDED WATER PUMPED BACK INTO COLLECTION SYSTEM. WASHDOWN, DEODORIZED, DISINFECTED AREA.	WILL IMPLEMENT RMAP PROJECTS	N/A	30,000	PS-00223	264	148	7.89
6	8/12/2003	2850 GARDERE LN.	POWER OUTAGE	POWER RESTORED	NONE	MISSISSIPPI	170,000	SWWTP	119	61	6.80
7	8/27/2003	14686 OLD HAMMOND	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	N/A	60	PS-00104	142	189	6.99
8	9/14/2003	4813 ALVIN DARK	PUMP OUT OF SERVICE FOR REPAIR.	STATION PUMPED DOWN W/ PORTABLE PUMP	NONE	N/A	64,000	PS-00206	188	41	7.36
9	9/18/2003	2850 GARDERE LN.	POWER OUTAGE	ENTERGY RESTORED POWER	NONE	N/A	395,000	SWWTP	76	61	7.12
10	9/18/2003	11758 HARRELL'S FERRY	OVERFLOW WAS CAUSED FROM STOPPAGE IN COLLECTION LINE	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	JONES CREEK	150	PS-00066	141	154	6.24
11	9/19/2003	17541 BROOKFIELD	PUMP STATION WAS TURNED OFF FOR PREVENTIVE MAINTENANCE AND MECHANIC FAILED TO TURN THE STATION.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	BAYOU MANCHAC	40	PS-00676	130	139	7.01
12	9/19/2003	3369 CRESTWOOD	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	JONES CREEK	75	PS-00058	143	170	6.84
13	9/20/2003	4915 ALVIN DARK	PUMP STATION FAILURE- MECHANICAL	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	MISSISSIPPI RIVER	100	PS-00206	135	164	7.06
14	9/20/2003	4813 ALVIN DARK	PUMP OUT OF SERVICE FOR REPAIR.	STATION PUMPED DOWN W/ PORTABLE PUMP	NONE	N/A	30,000	PS-00206	131	88	7.47
15	9/23/2003	13523 KIMBLE	MANHOLE OVERFLOWING DUE TO PUMP STATION FAILURE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	150	PS-00383	119	120	7.05
16	9/23/2003	541 HIGHLAND TRACE	MANHOLE OVERFLOW DUE TO PUMP STATION FAILURE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	50	PS-00383	119	120	7.05
17	9/23/2003	438 HIGHLAND TRACE	MANHOLE OVERFLOW DUE TO PUMP STATION FAILURE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	50	PS-00383	119	120	7.05
18	9/23/2003	13575 HIGHLAND	MANHOLE OVERFLOW DUE TO PUMP STATION.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	50	PS-00383	119	120	7.05

Part D-Reporting of Unauthorized Discharges

South Sewer District Collection System

LPDES LA0036412 AI#4841 / LADEQ Permit # WP0487

3 of 3

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
19	9/23/2003 13543 KIMBLE	MANHOLE OVERFLOW DUE TO PUMP STATION FAILURE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	50	PS-00383	119	120	7.05
20	9/23/2003 13526 MOSHER	MANHOLE OVERFLOW DUE TO PUMP STATION FAILURE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	50	PS-00383	119	120	7.05
21	9/23/2003 540 HIGHLAND TRACE	MANHOLE OVERFLOW DUE TO PUMP STATION FAILURE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	50	PS-00383	119	120	7.05
22	9/23/2003 315 HIGHLAND TRACE	MANHOLE OVERFLOW DUE TO PUMP FAILURE.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	N/A	50	PS-00383	119	120	7.05
23	9/24/2003 12524 NEWCASTLE	PUMP STATION FAILURE-- ELECTRICAL	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	JONES CREEK	55,000	PS-00136	136	140	6.98
24	9/24/2003 12527 LAKE LAMOND	PUMP STATION FAILURE-- ELECTRICAL	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	JONES CREEK	55,000	PS-00136	136	140	6.98
25	9/24/2003 12524 NEWCASTLE	PUMP STATION FAILURE-- ELECTRICAL.	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	JONES CREEK	300	PS-00136	136	140	6.98
26	9/28/2003 8722 BLUEBONNET	PUMP STATION FAILURE-- ELECTRICAL	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	BAYOU FOUNTAIN	11,000	PS-00301	100	116	7.00
27	9/28/2003 8777 BLUEBONNET	PUMP STATION FAILURE--- ELECTRICAL	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	BAYOU FOUNTAIN	11,000	PS-00301	100	116	7.00



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

August 15, 2003

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

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

Dear Ms. Hare:

This letter is to provide information about an overflow at the South Wastewater Treatment Plant, which occurred from 9:40 a.m. to 9:45 a.m. on August 12, 2003. During this time, an estimated 170,000 gallons received primary treatment before overflowing from the old influent pump station wet well.

This overflow occurred due to a power outage at the plant. During the outage, flows from the primary basins were allowed to overflow into the old influent pump station wet well for storage while an emergency backup pump was being prepared for operation. However, the wet well filled up quickly and overflowed approximately 170,000 gallons. The power to the plant was restored soon after, and pumps were immediately returned to normal operation and the overflow ceased. 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,

Fred E. Raiford III
Director of Public Works

FER/RG/MWH/pas

xc: Jerome M. Klier, Deputy Director of Public Works
Michael Ponder, Parish Attorney
✓ Kent Mudd, Special Projects Engineer
Robert Groht, Jr., Wastewater Treatment Plant Manager



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821



September 19, 2003

Peggy Hatch, Environmental Specialist Coordinator
Department of Environmental Quality
Enforcement Section
Post Office Box 82215
Baton Rouge, Louisiana 70884-2215

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

Dear Ms. Hatch:

This letter is to provide information about an overflow at the South Wastewater Treatment Plant, which occurred from 3:00 a.m. to 3:30 a.m. on September 18, 2003. During this time, an estimated 395,000 gallons received primary treatment before overflowing from the old effluent pump station wet well onto the ground.

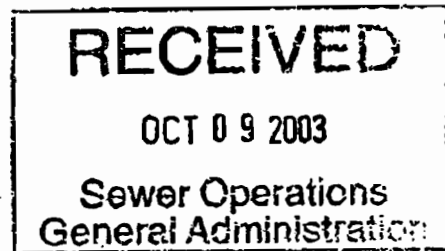
This overflow occurred due to a power outage at the plant caused by the local utility company, Entergy. During the outage, flows from the primary basins were allowed to overflow into the old effluent pump station wet well for storage. However, the wet well filled up quickly and overflowed approximately 395,000 gallons. The power to the plant was restored by Entergy soon after, and pumps were immediately returned to normal operation and the overflow ceased. 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,

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

FER/RG/MWH/pas



xc: Jerome M. Klier, Deputy Director of Public Works
Michael Ponder, Parish Attorney
Kent Mudd, Special Projects Engineer
Robert Groht, Jr., Wastewater Treatment Plant Manager

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 15, 2005.

Summary

The City/Parish estimates that when the SEPs are completed approximately 750 residences will have their effluent treated at a wastewater treatment plant and discharged into the Mississippi River. Cypress Bayou, Lively Bayou, Claycut Bayou and the Amite and Comite Rivers will avoid untreated sewer discharges from these 750 residences.

The Notice to Proceed has been issued for all SEP projects, and construction is complete or underway for all SEP projects. We anticipate that all SEP projects will be completed well ahead of the schedule contained in the SEP Plan Requirements. We do not anticipate any noncompliance.

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

A replay of the public informational meeting for the Donwood/Oak Manor Project was broadcast several times during this quarter on Cable Channel 21. Construction for the Donwood/Oak Manor Project was completed on September 4, 2003. Final acceptance by the Metro Council is anticipated to be October 22.

The City/Parish issued the Notice to Proceed (see attachment) for the Pleasant Hills (Section 3)/Green Acres and Sharon Hills/Cedar Glen/Pleasant Hills projects on September 24, 2003. At the beginning of the construction phase, a public meeting for these SEP projects was held on September 11, 2003 (see attached notice). The City/Parish explained the project need, scope and benefits (including environmental) to the residents and then, with the contractor, responded to concerns and questions (see attached fact sheet). The information handed out at the public meeting (see attachment) was placed on the program website for public access. The construction period is 240 calendar days, therefore the construction is anticipated to be complete for both projects by May 20,

Part E – Supplemental Environmental Projects (SEPs)

2004. Construction for the Pleasant Hills (Section 3)/Green Acres project should be completed 25 days prior to the Consent Decree construction completion milestone. Construction for the Sharon Hills/Cedar Glen/Pleasant Hills project is anticipated 86 days prior to the Consent Decree construction completion milestone.

Completion of construction and final acceptance for the Stumberg Lane SEP Project is anticipated next quarter. Construction was delayed due to delays in obtaining power for the new pump station from Entergy, the local utility company. The delays were due to field crews being sent to Northeast states in response to Hurricane Isabel.

Status of Supplemental Environmental Projects (SEPs)

Proj. No.	Design Status	Construction Start Date			Construction Completion Date		Construction % Complete	Construction Cost	
		Sched.	Advertised	NTP	CD Sched.	Anticipated		CD Estimate	Contract Amount
1	100%	03/14/03	02/21/03	04/28/03	03/14/04	09/04/03	100%	\$ 125,000	\$ 265,595
2	100%	06/14/03	06/27/03	09/24/03	06/14/04	05/20/04	0%	\$ 250,000	\$ 749,103
3	100%	06/14/03	06/27/03	09/24/03	08/14/04	05/20/04	0%	\$ 650,000	
4	100%	03/14/03	03/28/03	06/18/03	03/14/04	10/24/03	96%	\$ 100,000	\$ 79,962
Total								\$1,125,000	\$1,094,660

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 / 01 / 03 to 09 / 30 / 03. If not, see comments above.



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

September 26, 2003

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

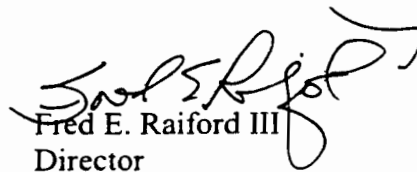
**Re: Baton Rouge Consent Decree
Civil Action No. 01-978-B-M3
Supplemental Environmental Projects (SEP)**

Dear Ms. Hare:

As requested, this letter is to notify you that the Sharon Hills / Cedar Glen / Pleasant Hills SEP project Notice to Proceed (NTP) was issued September 24, 2003 (copy attached). The NTP informs the contractor to commence work on or before September 24, 2003 and complete all work by May 20, 2004. This date is 86 days prior to the consent decree construction completion deadline date.

If you have any questions or if we can provide any additional information, please don't hesitate to contact me.

Sincerely,


Fred E. Raiford III
Director

Enclosure

Cc: Mr. Bob Quance (EPA Region 6)
Ms. Peggy Hatch (LDEQ)
Mr. Kent Mudd
Mr. Jerome Klier
Mr. William McHie (MWH)



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

NOTICE TO PROCEED

DATE: September 24, 2003

TO: Allen & Leblanc, L.L.C.
P. O. Box 15789
Baton Rouge, LA 70895

PROJECT: City of Baton Rouge & Parish of East Baton Rouge
Wastewater System Improvements Program


CONTRACT NAME: Sharon Hills / Cedar Glen / Pleasant Hills / Green Acres
Supplemental Environmental Project

CONTRACT NO: 01-SEP-0002

Gentlemen:

You are hereby notified to commence work on the subject Contract on **September 24, 2003** and are to fully complete the work within **two hundred forty (240)** calendar days. In accordance with the Contract Documents, the final completion date shall be **May 20, 2004**. Any extension of time will be by written Change Order only.

The Contract provides for assessment of liquidated damages in accordance with Article 9-8.3 of the General Provisions, Part I.

By 
Fred E. Raiford, III
Director
Department of Public Works

FER:KAM/sjn

Xc: Mr. Jerome M. Klier, PE/PLS, Deputy Director
Mr. Jeff Broussard, PE, Assistant Director/Chief Engineer
Mr. Kent Mudd, PE, Special Projects Engineer
Mr. Shane Nicholas, PE
Mr. E.J. Amato
Document Control

ATTENTION!!!

SEWER MEETING FOR RESIDENTS OF:

**Sharon Hills
Pleasant Hills**

**Cedar Glen
Green Acres**

City-Parish and Engineering personnel will be on hand to answer questions about the Subdivision Supplement Environmental Project, which will begin this month. The main purpose of the project is to abide by the EPA Consent Decree to update sanitary facilities by eliminating septic tanks and redirecting flow through new sewer lines to existing or new pump stations.

Sewer Meeting Hosted BY:

COUNCILMEN CHARLES KELLY

and JOSEPH GRECO

St. Pius X Cafeteria

6380 Hooper Road

Thursday – September 11, 2003 – 6:30 p.m.

KEEP THESE NUMBERS HANDY:

**Project Contractor:
Allen & LeBlanc, LLC
Office: 272-4599**

**DPW Sewer Administration
389-3154**

Sharon Hills/Cedar Glen/Pleasant Hills/Green Acres Supplemental Environmental Project
Fact Sheet
September 11, 2003

1. What is a Supplemental Environmental Project?

In order to meet the requirements of the Federal Clean Water Act and avoid significant fines and penalties, the City/Parish has entered into a Consent Decree with the U.S. Environmental Protection Agency and the LA Department of Environmental Quality. In order to reduce the fine amount and to spend the funds on projects benefiting both the public health and the environment, the City/Parish was successful in adding this Supplemental Environmental Project in the Consent Decree. Currently, the sanitary sewerage facilities in this area consist of individual septic tanks at each residence, which then discharge into the drainage canal through an underground pipe collection system. This septic tank effluent then ultimately drains into the Comite River. This Supplemental Environmental Project will eliminate these discharges into the local drainage system and redirect these flows through new sewer lines to the North Wastewater Treatment Plant.

2. What are the Benefits?

By eliminating septic tank effluent from neighborhood canals, stream water quality will improve and odors will be eliminated for local residents. Other benefits include:

- Residents will no longer have to periodically pump out and maintain their septic tanks.
- Residents will no longer have to worry about the possibility of having to spend approximately \$3,000 to upgrade their septic tank to an individual private treatment plant in order to sell their house.
- With the subdivision tied to the City/Parish Sewer System, property values may increase.
- Additionally, the City/Parish is waiving the \$2,150 sewer impact fee normally collected when a residence is connected to the sewer system.

3. What will I have to do?

In accordance with the attached ordinance, you will have to abandon your septic tank, absorption field and collection line. You or your plumber will have to pump out your septic tank and back fill it with sand. You or your plumber will have to install a new service line from the septic tank house inlet and reconnect it to the existing collection line at the property or servitude line.

4. When will I have to take these actions?

The City/Parish will issue a Notice to Proceed to the contractor, and the contractor has until May 2004 to complete the project. Upon final acceptance by the Metropolitan Council and notification from the Department of Public Works, the property owners will have six (6) months to obtain a no cost permit from DPW to abandon their septic tank and connect to the City/Parish sewer system. Until notified that the project has been accepted, no one will be allowed to obtain a permit to bypass their septic tank.

5. Will I have to pay a monthly sewer user fee?

Yes, upon final acceptance of the project by the Metropolitan Council, residents will be billed a monthly sewer user fee, beginning in about June 2004. The bill is based on water usage during a six (6) month period consisting of October-December and February-April. The average resident's bill for 2003 is \$28.53 per month.

6. Additional information:

Please contact Mr. Rick Wright or Mr. Mike Hill at (225) 389-3154 for any additional information or questions concerning this project.

done after advertisement for bids in accordance with the purchasing regulations.

- (5) Upon completion of such work, the director of public works, or his representative, shall cause to be prepared and filed with the recorder of mortgages of this parish a certificate showing the cost of such work, a penalty of ten (10) percent thereof or fifty dollars (\$50.00), whichever is greater, the name of the owner and a description of the property involved. The certificate shall operate from the date of filing as a tax lien or assessment on the property affected. This lien shall prescribe only in ten (10) years from the date of filing such certificate, may be enforced in a summary manner as other tax liens or assessments, and shall be subject to the same penalties, interest and attorney's fees.

- (6) Upon the filing of this certificate, the director of public works, or his representative, in writing shall advise the director of finance and the parish attorney thereof; and the latter shall institute suit or take such other steps as may be required or necessary for the enforcement of such lien.

(City Ord. No. 4791, 10-27-82; Parish Ord. No. 5998, 10-27-82; Ord. No. 10069, § 1, 11-9-94; Ord. No. 10440, § 1, 6-13-95; Ord. No. 11568, § 1, 10-13-99)

Sec. 2:309. Violation and penalties.

(a) It shall be prohibited for anyone to create an opening into the sanitary sewer system that will allow the flow of surface water into said system, and any such opening is declared to be a nuisance detrimental to the public health and safety and as such, a misdemeanor, punishable as provided in subsection (b).

(b) Anyone who creates such an opening shall be guilty of a misdemeanor, and shall, upon conviction thereof, be punishable by a fine of not more than five hundred dollars (\$500.00) for domestic users and one thousand dollars (\$1,000.00)

~~for non-domestic users or imprisonment for not more than thirty (30) days, or both, at the discretion of the court.~~

~~(Ord. No. 11569, § 1, 10-13-99)~~

PART III. INSTALLATION IN CONSOLIDATED SEWERAGE DISTRICT*

Sec. 2:310. Septic tank within three hundred feet of sanitary sewerage collection systems—Prohibited and declared nuisance. (Parish)

The use of septic tanks for sewerage disposal purposes by the owners of improved property where such property is located in the consolidated sewerage district of the parish, as the district is now or hereafter defined, and within three hundred (300) feet of a sanitary sewerage collection system, operated and maintained by the district, the city or the parish, is hereby prohibited, and such use is hereby declared to be a nuisance detrimental to the public health and safety and, as such, a misdemeanor, punishable as provided in section 2:312.

(Parish Code 1962, Title 2, § 309)

Sec. 2:311. Same—Director of public works to inspect and abate. (Parish)

Within six (6) months after a sanitary sewerage collection system has been connected with the trunk facilities of the consolidated sewerage district, the director of public works shall make an inspection of all areas of the district in which sanitary sewerage collection facilities are available and to abate the use of septic tanks whenever it is found (within the boundaries of the district) that the improved premises to which the septic tank is connected, is within three hundred (300) feet of sanitary sewerage collection facilities connected with trunk facilities of the district.

(Parish Code 1962, Title 2, § 310)

Sec. 2:312. Same—Failure to discontinue use. (Parish)

Any person who fails to discontinue use of a septic tank after notice to do so by the director of

*Note—See the editor's note to Art. I of this chapter.

public works, or his authorized representative, shall be guilty of a misdemeanor, as defined in section 2:310, and shall, upon conviction thereof, be punishable by a fine of not more than two hundred dollars (\$200.00), or imprisonment for not more than twenty (20) days, or both, at the discretion of the district judge.
(Parish Code 1962, Title 2, § 311)

Sec. 2:313. Connection to sanitary sewerage collection system—Required. (Parish)

Within six (6) months after any established, constructed and operating sanitary sewerage collection system has been tied into the trunk system of the district as provided herein, all improved premises in the district and within three hundred (300) feet of the system shall be tied to and connected with the collection system, and the failure of the owner of any improved property in the district and within three hundred (300) feet of an established sanitary sewerage system to tie in and connect with the system after notice as provided herein, shall be guilty of a misdemeanor, punishable, upon conviction, by a fine of not more than two hundred dollars (\$200.00), or imprisonment for not more than twenty (20) days, or both, at the discretion of the district judge.
(Parish Code 1962, Title 2, § 312)

Sec. 2:314. Same—Responsibility and authority of director of public works. (Parish)

The director of public works shall be charged with the responsibility of inspecting all areas within the consolidated sewerage district for the purpose of requiring all improved property therein and within three hundred (300) feet of any established sanitary sewerage collection system to be tied into and connected with the system by means of an approved installation.
(Parish Code 1962, Title 2, § 313)

Sec. 2:315. Same—Notice to connect; failure to comply with notice. (Parish)

Whenever the director of public works, or his representative, shall determine that a premises within three hundred (300) feet of a sanitary

sewerage collection system is not connected with the system, the owner of the premises shall be given notice, by certified letter, directed to their last known address, to make connection with the sanitary sewerage system, and if the work of making connection with the sewerage system is not begun at the end of ten (10) days from the date the certified notice is deposited in the post office, the owner of the premises shall be guilty of a misdemeanor as hereinabove provided, and punishable in accordance with the provisions of section 2:313.

(Parish Code 1962, Title 2, § 314)

Sec. 2:316. Same—Authority of council to have connection made. (Parish)

In addition and supplemental to the penalties provided for herein, for failure to connect with an established sanitary sewerage collection system after due notice, the council shall have the authority, upon the recommendation of the director of public works, to compel the connection of improved property with the sanitary sewerage collection system by having the connection installed in the manner herein provided, and the cost thereof charged to the owner of the improved property for which the connection is provided.
(Parish Code 1962, Title 2, § 315)

Sec. 2:317. Same—Procedure. (Parish)

Whenever the council shall deem it necessary for the public health, that owners of one or more premises connect their premises with the sanitary sewerage system, the owner shall be so notified by certified mail, directed to his last known address. If the work of making the connection is not begun at the end of ten (10) days from the day the certified notice is deposited in the post office, the director of public works is hereby authorized to prepare plans and specifications for making connection. When such plans and specifications have been prepared, the council shall adopt an ordinance ordering the sewerage connection and authorizing the purchasing agent to advertise for bids for the purpose of having the connection installed.

(Parish Code 1962, Title 2, § 316)

Sec. 2:318. Same—Assessments against owners. (Parish)

Whenever the council shall order such connections installed, the entire cost of the sewerage connection, including the equipment, pipes, water connections, service pipes, labor engineering and other incidental items, shall be assessed against the owner of the improved premises for which the connection is provided, which assessment shall be levied and be payable according to the provisions of R.S. 33:4044 et seq. A certified copy of the ordinance levying the assessment, upon passage, shall be filed for record in the office of the clerk and recorder of mortgages, and when so filed and recorded, shall operate as a lien and privilege in favor of the parish and the consolidated sewerage district.

(Parish Code 1962, Title 2, § 317)

Sec. 2:319. Duty of owner.

(a) It shall be the duty of all owners of improved premises which have been tied in and connected to the operating sanitary sewage system, as hereinabove provided, to maintain the service line on the premises or within a servitude in favor of the premises up to the sanitary sewerage system which has been accepted and maintained by the city-parish. It shall also be the duty of all such owners to close any opening that allows the drainage of surface water into the sanitary sewer system. It shall only be the duty of the city-parish to maintain that portion of any service line located in a right-of-way dedicated to the public.

(b) Any person who violates the provisions of subsection (a) above shall be fined not more than five hundred dollars (\$500.00) for domestic users, and one thousand dollars (\$1,000.00) for nondomestic users or imprisoned for not more than thirty (30) days or both, at the discretion of the court.

(c) Any person who violates the provisions of subsection (a) above may be subjected to the following:

(1) When the director of public works, or his representative, upon evidence establishing more probably than not that the pro-

visions of subsection (a) above have been violated, the director of public works, or his representative, shall send notice personally or by certified mail that the person who violates the provisions of subsection (a) shall begin to make efforts to remedy such violation within ten (10) days, and steadily and without delay continue such efforts to remedy such violation under the monitoring of the director of public works, or his representative. If the certified letter is not claimed or if no effort is made to remedy such violation of the provisions of subsection (a) above within ten (10) days upon receipt of the letter, or upon reasonable notice, suit shall be filed requiring the remedy of the violation of the provisions of subsection (a) above and authorizing fines up to five hundred dollars (\$500.00) a day for domestic users, and one thousand dollars (\$1,000.00) a day for nondomestic users in which no efforts are made toward remedying such violation. Said suit may recover reasonable attorney's fees, court costs, court reporter's fees, and other expenses of litigation against the person who violates the provisions of subsection (a) above.

(2) Where in the perception of the director of public works, or his representative, that public health will be threatened by the delays involved in the proceeding, as provided in the above paragraph, injunctive relief shall be permitted.

(3) Where immediate action is required to avoid a threat to public health, the director of public works, or his representative, may act to remedy such violation of subsection (a) above and seek damages from the person committing the violation of subsection (a) above. Fines up to five hundred dollars (\$500.00) a day for domestic users, and one thousand dollars (\$1,000.00) a day for nondomestic users until the threat to public health is abated, and costs incurred in remedying such violation of subsection (a) above may be recovered. Also, said suit may recover reasonable attorney's fees, and other ex-

penses of litigation against the person who violates the provisions of subsection (a) above.

- (4) If the director of public works, or his representative, acts to remedy such violation of subsection (a), or if the owner is an absentee or has no known mailing address, the director of public works, or his representative, shall then cause the necessary work to be done to effect compliance with the provisions of this section at the owner's expense; and the director of public works, or his representative, may have such work done either with the personnel and equipment of his department, or by means of a contract with a third person; except that if the work is done by private contract, the work shall only be done after advertisement for bids in accordance with the purchasing regulations.

- (5) Upon completion of such work, the director of public works, or his representative, shall cause to be prepared and filed with the recorder of mortgages of this parish a certificate showing the cost of such work, a penalty of ten (10) percent thereof or fifty dollars (\$50.00), whichever is greater, the name of the owner and a description of the property involved. The certificate shall operate from the date of filing as a tax lien or assessment on the property affected. This lien shall prescribe only in ten (10) years from the date of filing such certificate, may be enforced in a summary manner as other tax liens or assessments, and shall be subject to the same penalties, interest and attorney's fees.

- (6) Upon the filing of this certificate, the director of public works, or his representative, in writing shall advise the director of finance and the parish attorney thereof; and the latter shall institute suit or take such other steps as may be required or necessary for the enforcement of such lien.

Ord. No. 11567, § 1, 10-13-99)

Sec. 2:320. Violation and penalties.

(a) It shall be prohibited for anyone to create an opening into the sanitary sewer system that will allow the flow of surface water into said system, and any such opening is declared to be a nuisance detrimental to the public health and safety and as such, a misdemeanor, punishable as provided in subsection (b).

(b) Anyone who creates such an opening shall be guilty of a misdemeanor, and shall, upon conviction thereof, be punishable by a fine of not more than five hundred dollars (\$500.00), for domestic users and one thousand dollars (\$1,000.00) for nondomestic users or imprisonment for not more than thirty (30) days, or both, at the discretion of the court.

(Ord. No. 11570, § 1, 10-13-99)

CHAPTER 6. USE OF PUBLIC LANDS AND RIGHTS-OF-WAY FOR UTILITY PURPOSES*

Sec. 2:340. Permit required.

No pipeline or other similar facility operated by a private utility company for public purposes shall be constructed or installed in the public rights-of-way or over and across any public or private property within the city or in the suburban area of the parish as defined in Parish Ordinance No. 425, adopted September 14, 1955, unless a permit therefor shall first have been obtained from the permit division of the department of public works.

(City Code 1951, Title 2, § 340; Parish Code 1962, Title 2, § 340)

Sec. 2:341. Plans approved by department of public works.

The installation and construction of all pipelines or other similar facilities shall be in accordance with plans approved by the department of

*Editor's note—Ord. No. 10774, §§ 2—4 amended the Code by repealing Ch. 6, §§ 2:325—2:330, and renumbering Ch. 7 as a new Ch. 6, and renumbering Ch. 8 as a new Ch. 7. Former Ch. 6 pertained to revocation or relocation of streets, alleys, rights-of-way, or servitudes dedicated to public use, and derived from the City Code of 1951, Tit. 2, §§ 325—330.



Office of Public Information

Post Office Box 1471
Baton Rouge, LA 70821

225-389-3121
email: brInfo@brgov.com
<http://brgov.com>

For Immediate Release

Release Date: 09/08/2003

Sewer Meeting for Residents of Sharon Hills, Pleasant Hills, Cedar Glen and Green Acres

City-Parish and Engineering personnel will be on hand to answer questions about the Subdivision Supplement Environmental Project, which will begin this month. The main purpose of the project is to abide by the EPA Consent Decree to update sanitary facilities by eliminating septic tanks and redirecting flow through new sewer lines to existing or new pump stations.

The Sewer Meeting is hosted by Councilmen Charles Kelly and Joe Greco and will be held at St. Pius X Cafeteria, located at 6380 Hooper Road on Thursday, September 11, 2003 at 6:30 p.m. For more information contact the Project Contractor, Allen & LeBlanc, LLC (225) 272-4599 or the DPW Sewer Administration at (225) 389-3154.

Fact Sheet for Sharon Hills/Cedar Glen/Pleasant Hills/Green Acres Supplemental Environmental Project

1. What is a Supplemental Environmental Project?

In order to meet the requirements of the Federal Clean Water Act and avoid significant fines and penalties, the City/Parish has entered into a Consent Decree with the U.S. Environmental Protection Agency and the LA Department of Environmental Quality. In order to reduce the fine amount and to spend the funds on projects benefiting both the public health and the environment, the City/Parish was successful in adding this Supplemental Environmental Project in the Consent Decree. Currently, the sanitary sewerage facilities in this area consist of individual septic tanks at each residence, which then discharge into the drainage canal through an underground pipe collection system. This septic tank effluent then ultimately drains into the Comite River. This Supplemental Environmental Project will eliminate these discharges into the local drainage system and redirect these flows through new sewer lines to the North Wastewater Treatment Plant.

2. What are the Benefits?

By eliminating septic tank effluent from neighborhood canals, stream water quality will improve and odors will be eliminated for local residents and BREC park visitors. Other benefits include:

- Residents will no longer have to periodically pump out and maintain their septic tanks.
- Residents will no longer have to worry about the possibility of having to spend approximately \$3,000 to upgrade their septic tank to an individual private treatment plant in order to sell their house.
- With the subdivision tied to the City/Parish Sewer System, property values may increase.
- Additionally, the City/Parish is waiving the \$2,150 sewer impact fee normally collected when a residence is connected to the sewer system.

3. What will I have to do?

In accordance with the attached ordinance, you will have to abandon your septic tank, absorption field and collection line. You or your plumber will have to pump out your septic tank and back fill it with sand. You or your plumber will have to install a new service line from the septic tank house inlet and reconnect it to the existing collection line at the property or servitude line.

4. When will I have to take these actions?

The City/Parish will issue a Notice to Proceed to the contractor, and the contractor has until May 2004 to complete the project. Upon final acceptance by the Metropolitan Council and notification from the Department of Public Works, the property owners will have six (6) months to obtain a no cost permit from DPW to abandon their septic tank and connect to the City/Parish sewer system. Until notified that the project has been accepted, no one will be allowed to obtain a permit to bypass their septic tank.

5. Will I have to pay a monthly sewer user fee?

Yes, upon final acceptance of the project by the Metropolitan Council, residents will be billed a monthly sewer user fee, beginning in about May 2004. The bill is based on water usage during a six (6) month period consisting of October-December and February-April. The average resident's bill for 2003 is \$28.53 per month.

Part F:
Consent Decree
Compliance Status

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 exceeded the permit effluent limits for the monthly average 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 is \$15,000. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

	Permit Level	3 rd Quarter 2003			Stipulated Penalty		
		Jul.	Aug.	Sept.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	40	32	C	2	\$2,500	\$5,000
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	66	C	C	1	\$2,500	\$2,500
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	34	31	32	3	\$2,500	\$7,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TRC</u>							
Daily Avg (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							\$15,000

C-Compliance

Part F - Consent Decree Compliance Status

Summary of Activities

1. The City/Parish Public Information Office has arranged for video-taped public meetings on the Consent Decree and Sewer Improvement Projects to be broadcast on Cable Channel 21 several times during this quarter.
2. Submitted letter on July 15 with updated information on the status of corrective actions the City/Parish is taking to meet permit limits at the South Wastewater Treatment Plant (SWWTP) (letter attached).
3. Met with LDEQ on July 29 to discuss status of the consent decree and compliance issues.
4. Met with US EPA on July 31 to discuss status of activities related to consent decree (presentation attached).
5. The fourth quarterly Phase I Water Quality Baseline Monitoring event was conducted on August 12 (document attached).
6. Submitted letter on August 13 regarding the special circumstances related to certain noncompliance events at the South Treatment Plant (letter attached).

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 07 / 01 / 03 to 09 / 30 / 03. If not, see comments above.



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

BRSSD 4.1

July 15, 2003

Ms. Vivian Hare (6EN-WC)
USEPA Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Dear Ms. Hare:

This letter is an update on the status of corrective actions the City/Parish is taking to meet permit limits at the South Wastewater Treatment Plant (SWWTP). These corrective actions were initially reported to you in a November 14, 2002 letter to your office.

1. Provide VFD's for Trickling Filters #1-4 - Additional investigations indicate that the VFDs are in good condition, but the motor drive units are inoperable due to excessive breakage of gears, chains and shafts. Variable speed drive units are necessary for proper operation to control flow distribution and flushing. We are in the procurement process of getting new motor drive units.

2. Install new distribution equipment for Trickling Filters 5-8 (referred to as Trickling Filters 1-4 in November 14 letter) - Design documents for new rotary distributors were advertised for bids on December 20, 2002, and bids received on January 23, 2003. The low bidder was awarded the project and given an authorization to proceed with the project with a starting date of March 24, 2003. The contractor has been having difficulty meeting certain specification requirements, and is currently behind schedule (see attached letters documenting concern regarding project schedule and reference to consent decree).

It takes 3 to 4 weeks after a trickling filter is placed on-line before the biological growth is sufficient to provide BOD removal. Therefore, the bid documents direct the Contractor to rehabilitate the two inoperative units and operate them for 21 days prior to taking the other units off-line and rehabilitating them. This will assure that at least two units remain on-line at all times.

With anticipated contractor delays noted above, it is projected that the first two of these units will be operational by October 2003, and all four will be operational by February 23, 2004.

3. Install snail screen equipment - Snails are an operational problem, plugging lines and affecting secondary clarifier performance. Snail screen equipment has been procured and delivered to the plant. The concrete foundation is being poured, and piping for equipment will be installed by an outside contractor.

July 15, 2003


Page 2

4. Optimize operation of ferric chloride feed system - As noted in the November 14 letter, plant staff installed a temporary ferric chloride feed system to improve the performance of the secondary clarifiers. We are still making adjustments to the system for efficient operation, with the assistance of Dr. Sansalone of LSU, such as relocating the ferric chloride feed location and adjusting the dosage. There is a real concern about the quality and variability of ferric, which is having a significant impact on our ability to determine the correct dosage. We are working with the chemical supplier to address this problem. While the use of ferric chloride is an interim solution, we believe it can make a great difference while other corrective actions are being implemented.

As previously indicated, we have contracted with LSU to assist us with operational issues at the wastewater treatment plants. Dr. Sansalone leads a group of operators, lab personnel, managers and consultants to discuss problems, share solutions and brainstorm possible corrective actions. Attached to this letter are two of Dr. Sansalone's monthly reports to give you an idea of how this process works and how closely we monitor performance and plan for improvement.

We hope that this information serves to assure you of our continued commitment to improving the treatment capabilities of the SWWTP, in the interest of ultimately being able to regularly meet all permit requirements.

Sincerely yours,



Fred E. Raiford, III
Director of Public Works

Attachments

xc: Jerome M. Klier, Deputy Director of Public Works
Jeff Broussard, Chief Engineer/Assistant Director
Jim Thompson, Parish Attorney
Kent Mudd, Special Projects Engineer
Robert Groht, Jr., Wastewater Treatment Plant Manager
Bob Wilks, Wastewater Process Control Supervisor
Peggy Hatch, LDEQ
Robert Quance, EPA Region 6
Charles Faultry, EPA Region 6
Bill McHie, MWH




BATON ROUGE SSO PROGRAM

EPA REGION 6 / LDEQ MEETING



July 31, 2003



Current SSO Program Status overview

Efforts through the end of June 2003 continue to focus on the development of tools necessary to manage the SSO Program and advance ongoing design and construction projects. Highlights include the start of construction of the first SEP project (Donwood / Oakmanor), with a well-attended televised public meeting, and the roll out of the Program website.

The website provides public access to information regarding the SEP public meeting, RMAP project status, quarterly reports, overflow reports and general program status, as well as the consent decree.

There are currently twenty-two active projects as follows:

- Six in the engineering selection phase
- Eleven are in design
- Two are in the bid and award phase
- Two are under construction
- One is on hold

Supplemental Environmental Projects Status

Project Name	Construction						
	Bid Actual	NTP Actual	Anticipated Completion	CD Schedule	Percent Complete	CD Estimate	Contract Amount
Donwood Oak Manor	02/21/03	04/28/03	09/04/03	03/14/04	45%	\$ 125,000	\$ 298,756
Pleasant Hills (Section 3)/Green Acres	06/27/03	TBD	04/03/04	06/14/04	N/A	\$ 250,000	
Sharon Hills/Cedar Glen/Pleasant Hills	06/27/03	TBD	04/03/04	08/14/04	N/A	\$ 650,000	\$ 749,103
Stumberg Lane	03/28/03	06/18/03	09/15/03	03/14/04	2%	\$ 100,000	\$ 79,962
					Total	\$1,125,000	\$1,127,821

- Design for all SEP projects completed
- Issued a Notice to Proceed on SEP No.1 & 4.
- All SEP construction scheduled to be complete ahead of Consent Decree Milestones
- Held public televised meeting on Donwood and Stumberg Lane projects (May 29, 2003). Meeting has been rebroadcast over local public access channel numerous times.

RMAP 1 & 2 Program Status (Active Projects)

<u>Project Number</u>	<u>Project Description</u>	<u>Design</u>	<u>Bid</u>	<u>Construction</u>	<u>Overall %*</u>
RMAP 1 Projects					
01-RMP-C03	Pump Station # 2 Area Rehabilitation		22-Feb-02	X	100%
01-RMP-N02	Pump Station # 49 & 52 Area Upgrades	X	07-Nov-03		34%
01-RMP-N05	Pump Station # 24 & 43 Area Upgrades	X	13-Sep-03		56%
01-RMP-N07	Pump Station # 39 & 55 Area Upgrades		20-Sep-04		0%
01-RMP-N09	Pump Station # 44 & 46 Area Upgrades	X	02-Sep-03		37%
01-RMP-N10	Pump Station # 240 & 45 Area Upgrades	X	05-Sep-03		54%
01-RMP-N11	Pump Station #65 Area Upgrades	X	01-Oct-04		45%
03-RMP-N12	North Sewer Rehab Projects	X	19-Feb-04		0%
99-RMP-N99	NSTN Sewer Rehab Projects	X	05-Oct-03		41%
99-RMP-S01B	SWWTP Influent Pump Station		01-Dec-00	X	100%
99-RMP-S08	Industriplex Area Wastewater Upgrades	X	12-Dec-03		64%
99-RMP-S11	Pump Station # 211 Area Upgrades	X	24-Jun-03		25%
03-RMP-S14	Kleinpeter Area Upgrades	X	28-May-04		0%
99-RMP-S16	Pump Station # 136 Wastewater Facilities Upgrades	X	17-Oct-03		63%
RMAP 2 Projects					
99-RMP-N08	Pump Station # 45 Area Upgrades	X	11-Nov-04		0%
03-RMP-T01	SWWTP Tunnel Pump Station	X	19-Nov-04		0%
03-RMP-T02	CWWTP Tunnel Pump Station	X	19-Nov-04		0%
03-RMP-T03	Central Service Area Trunk Tunnels	X	19-Nov-04		0%
03-RMP-T04	South Service Area Trunk Tunnels	X	19-Nov-04		0%

* Percent complete based on Time only.

- Engineering Selection of two (2) Tunnel and two (2) Tunnel pump station projects is complete.
- Issued geotechnical subsurface investigation contract for Phase 1A borings for tunnel system.
- Finalizing rehabilitation schedules, project division and scheduling.
- Continuing design coordination efforts on all active design projects.

Rehabilitation Projects

Project Number	Project Name	Contractor	Status	Contract Amount
01-SSO-47	Oak Hills Sewer Rehabilitation	Allen & Leblanc	Complete	\$ 772,705
99-SSO-22	Audubon Terrace/Morning Glen Rehabilitation	Allen & Leblanc	Complete	\$ 694,835
02-CDR-01	Aster Street Rehabilitation by Pipe Bursting	Insituform Technologies	Complete	\$ 239,250
02-CDR-02	Annual Point Repair	Magnolia Construction	65%	\$ 113,193
02-WWC-RBL1	Annual Rehabilitation by Lining	Boh Brothers Construction	66%	\$ 1,000,000
02-RMP-S11	White Oak Landing	Magnolia Construction	NTP 8/4/03	\$ 729,946
02-SSO-PI	Physical Inspection	Video Industrials	42%	\$ 680,000
			Total	\$ 4,229,929

WWW.BRSEWER.COM

- ☐ Initiated public website (www.brsewer.com)
- ☐ Project status for all Consent Decree projects can be viewed.
- ☐ Quarterly Reports have been posted
- ☐ Phase 1A Geotechnical Boring maps and details can be reviewed.
- ☐ Overflow reports are available.

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City/Parish of East Baton Rouge Department of Public Works

SSO PROGRAM MANAGEMENT WEBSITE

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NEWS

7/23/03 ▶ PSI begins Phase 1A Geotechnical Investigation - See drilling locations

6/13/03 ▶ View Consent Decree Online

5/29/03 ▶ Donwood, Oak Manor, Stumberg Lane projects - public meeting references

5/06/03 ▶ Supplemental Environmental Projects information online

4/25/03 ▶ Engineers chosen for tunnels, pumping stations

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City/Parish of East Baton Rouge Department of Public Works

REGULATORY REPORTS

Consent Decree Annual

Year	DocName
2002	CD Annual 02.pdf

The following Quarterly Reports are pursuant to Paragraph 51 of the Consent Decree, containing a summary of compliance of the following activities:

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

Consent Decree Quarterly

Report Number	Year	Quarter	DocName
1	2002	2nd	CD QTR No 1.pdf
2	2002	3rd	CD QTR No 2.pdf
3	2002	4th	CD QTR No 3.pdf
4	2003	1st	CD QTR No 4.pdf
5	2003	2nd	CD QTR No 5.pdf

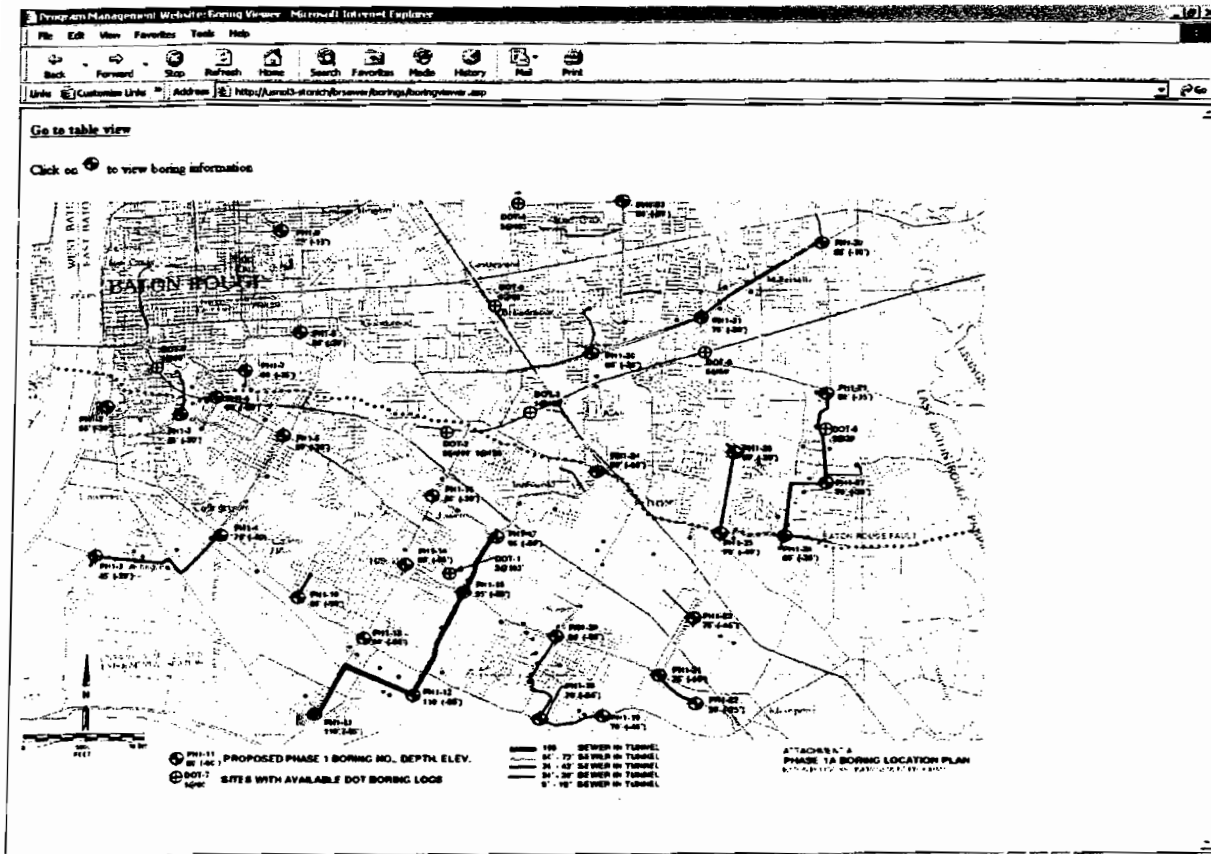
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Overflows

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City Parish of East Baton Rouge Department of Public Works

OVERFLOW REPORTING

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Date Discovered	Area (N/S/C)	Estimated Discharge	Explanation
5/2/2003	N	150	C/A stoppage
5/3/2003	S	200	C/A stoppage
5/5/2003	N	310000	Power outage and electrical instrumentation problem
5/5/2003	S	350	C/A stoppage
5/5/2003	N	1500	Broken 6" force main
5/7/2003	S	60	Ps #215 down due to mechanical failure; sewer discharging from manhole.
5/8/2003	C	15	Blockage at be in; sewer discharged from cleanout.
5/8/2003	S	60	Ps no. 215 down due to mechanical failure
5/14/2003	S	400	Damaged force main
5/15/2003	S	100	C/A stoppage
5/19/2003	S	200	C/A stoppage
5/22/2003	C	500	Ps no. 226 down due to mechanical failure
5/23/2003	N	50	Contractor left plug in 8" line after repair on 5/27/03
5/28/2003	N	250	Ps no. 45 down due to mechanical failure

Date Discovered	Area (N/S/C)	Estimated Discharge	Explanation
6/5/2003	S	50	C/A stoppage
6/9/2003	N	80	C/A stoppage
6/10/2003	S	50	C/A stoppage
6/13/2003	S	250	C/A stoppage
6/23/2003	S	40	C/A stoppage
6/23/2003	S	65	C/A stoppage
6/23/2003	C	7500	Sewerage overflow due to be in; cause caused by Technical Center #21

Local Intranet

MEMORANDUM



MWH
MONTGOMERY WATSON HARZA

To: Kent Mudd
cc: Bill McHie
From: Jarrod Tramonte / Chris Young
Subject: Environmental Results Monitoring Program
Phase I, Quarter 4 Results

Date: October 24, 2003
File No. SSO 4.7

On August 12, 2003, the City of Baton Rouge, Parish of East Baton Rouge (City/Parish) conducted the fourth quarterly Phase I Baseline Monitoring event, as required by the 2002 Consent Decree. The purpose of this memorandum is to characterize the rain event, summarize the sampling procedures, and report laboratory analysis results. Background information regarding the purpose and procedures of the Environmental Results Monitoring (ERM) program can be found in the ERM Plan (Exhibit G to the Consent Decree).

RAIN EVENT

Rain data was recorded at USGS monitoring stations located upstream of each of the designated sample locations. The locations of the observed USGS monitoring stations are shown in Figure 1 along with sample site locations.

Rainfall data from the August 12 event is summarized graphically in Figure 2. The event had a relatively short duration, with high-intensity rainfall occurring during the late morning hours of August 12. A summary of the rainfall at each sample site at the time of sample collection is provided in Table 1.

Table 1. Sample Time/Rainfall Summary for Phase 1, Quarter 4

Location	Sample Time	Total Rainfall (in)	Peak Intensity (in/hr)
1 - Greenwell Springs Rd. & Comite River	3:33 p.m.	3.26	6.08
2 - O'Neal Ln. & Jones Creek	3:50 p.m.	1.43	4.40
3 - Highland Rd & Ward Creek	4:00 p.m.	2.69	10.68
4 - Grand Lakes Dr. & Bayou Fountain	3:45 p.m.	2.47	8.24

PROCEDURES

One grab sample was taken from each of the four designated sample sites between the hours of 3:30 p.m. and 4:00 p.m. Samples were drawn from the approximate center of each stream. Grab samples from each site were poured into three separate laboratory-prepared sample containers. Sample containers were labeled with sample date, time, and location name immediately following sample collection. Samples were stored on ice and delivered to the laboratory immediately following collection of the final sample.

All samples were analyzed at a local laboratory for the parameters established in the ERM plan, which include fecal coliform, fecal streptococcus, and enterococcus. Sample holding times and laboratory procedures conformed with those outlined in the USEPA "Methods for Chemical Analysis of Water and Wastes", 1983, and USEPA "Test Methods for the Examination of Solid Waste—SW846", 1992.

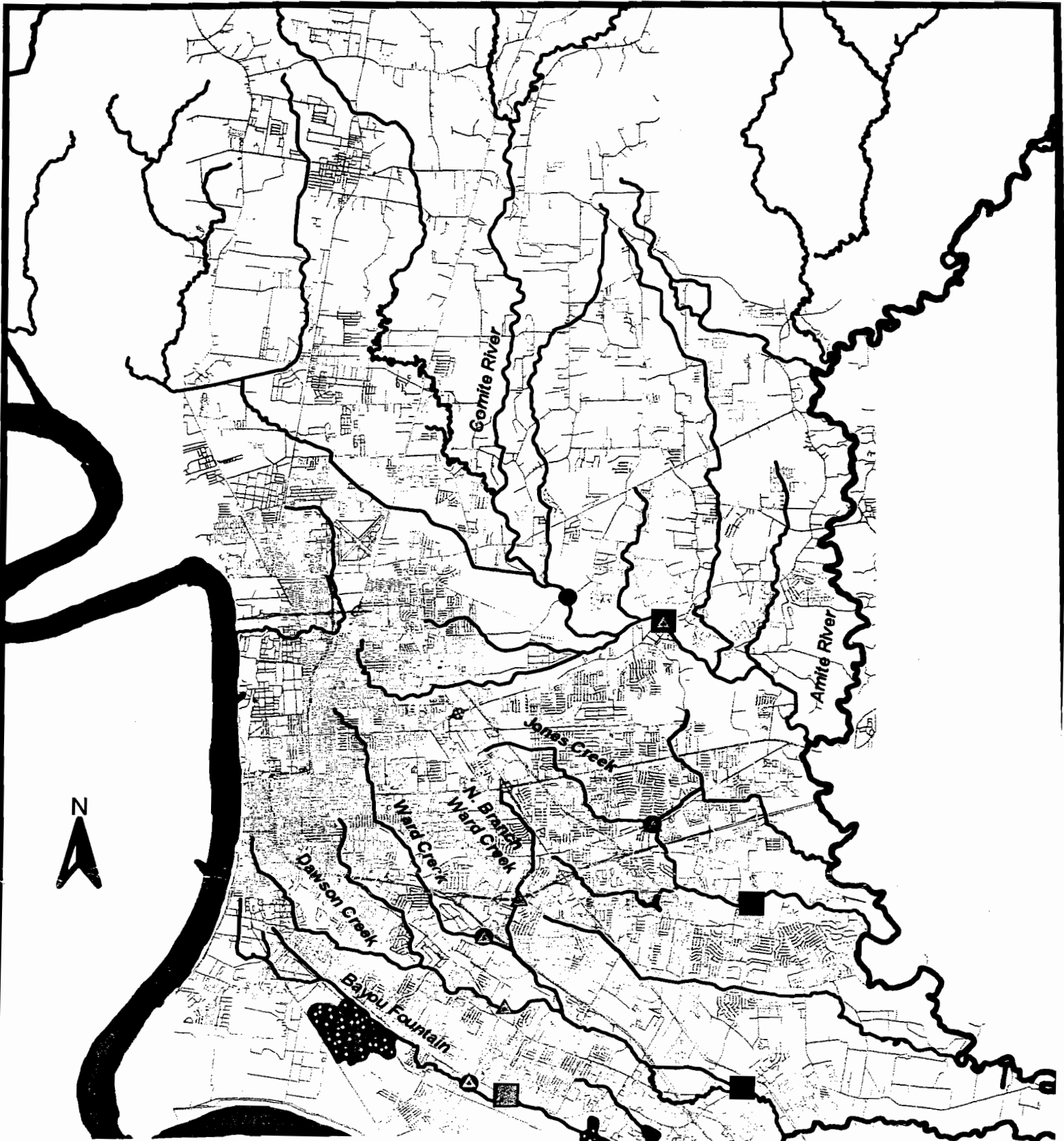
RESULTS

Results of laboratory analyses are summarized in Table 2. Further analysis of these results based on future water quality and stream flow data will be conducted upon completion of Phase I Baseline Monitoring. Estimation of stream flow rates based on available gage height/elevation data recorded at USGS monitoring stations is currently being investigated. Gage height/elevation data from August 12, recorded at USGS stream flow monitoring stations upstream of each sample location, is shown in Figure 3.

Table 2. WQ Sampling results for Phase I, Quarter 4

Parameter	Sampling Location			
	1-Comite River	2-Jones Creek	3-Ward Creek	4-Bayou Fountain
Fecal Coliform (col/100 mL)	59	>2,400	>2,400	>2,400
Fecal Streptococcus (col/100 mL)	ND ⁽¹⁾	ND ⁽¹⁾	ND ⁽¹⁾	ND ⁽¹⁾
Enterococcus (col/100 mL)	ND ⁽¹⁾	ND ⁽¹⁾	ND ⁽¹⁾	ND ⁽¹⁾
Total Rainfall (in) ⁽²⁾	3.26	1.43	2.69	2.47
Gage Height (ft) ⁽²⁾	27.3 ⁽³⁾	27.0	15.4 (N. Branch) 15.7 (Main Branch) 14.4 (Dawson Ck)	7.6

⁽¹⁾ND = None detected (<2 colonies/100 mL)
⁽²⁾Values at time of sample collection
⁽³⁾Elevation (ft NGVD)



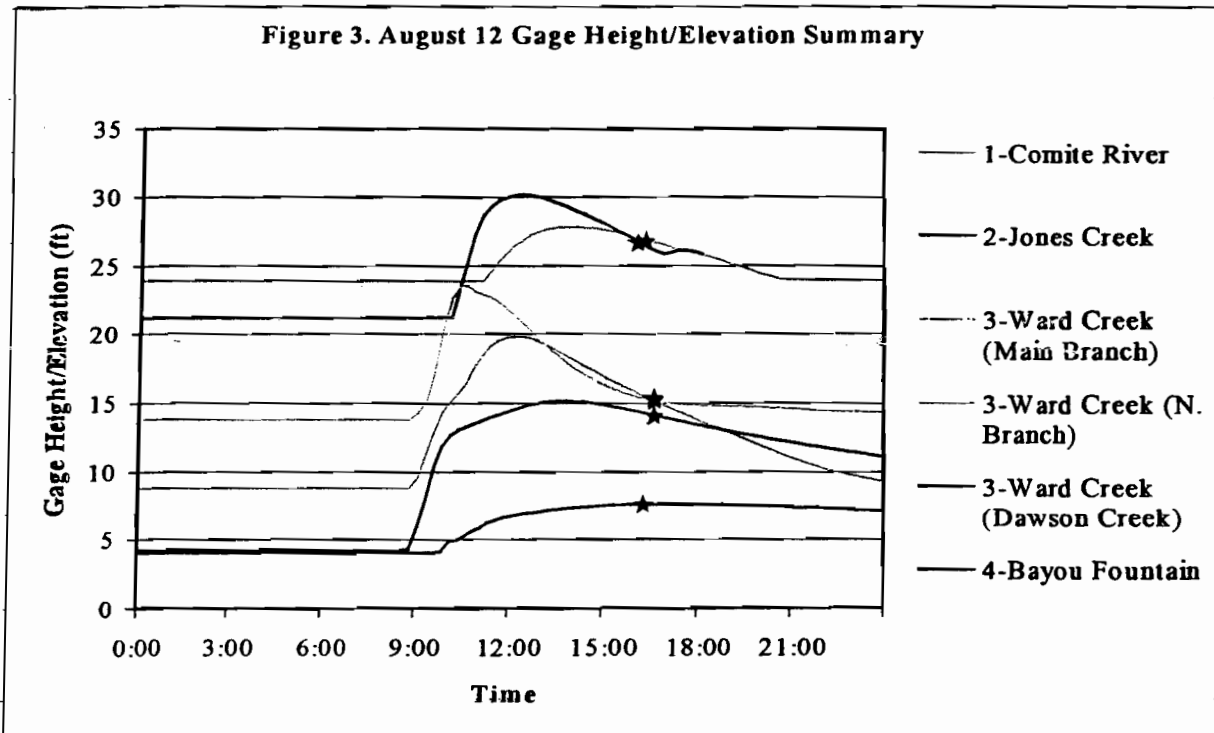
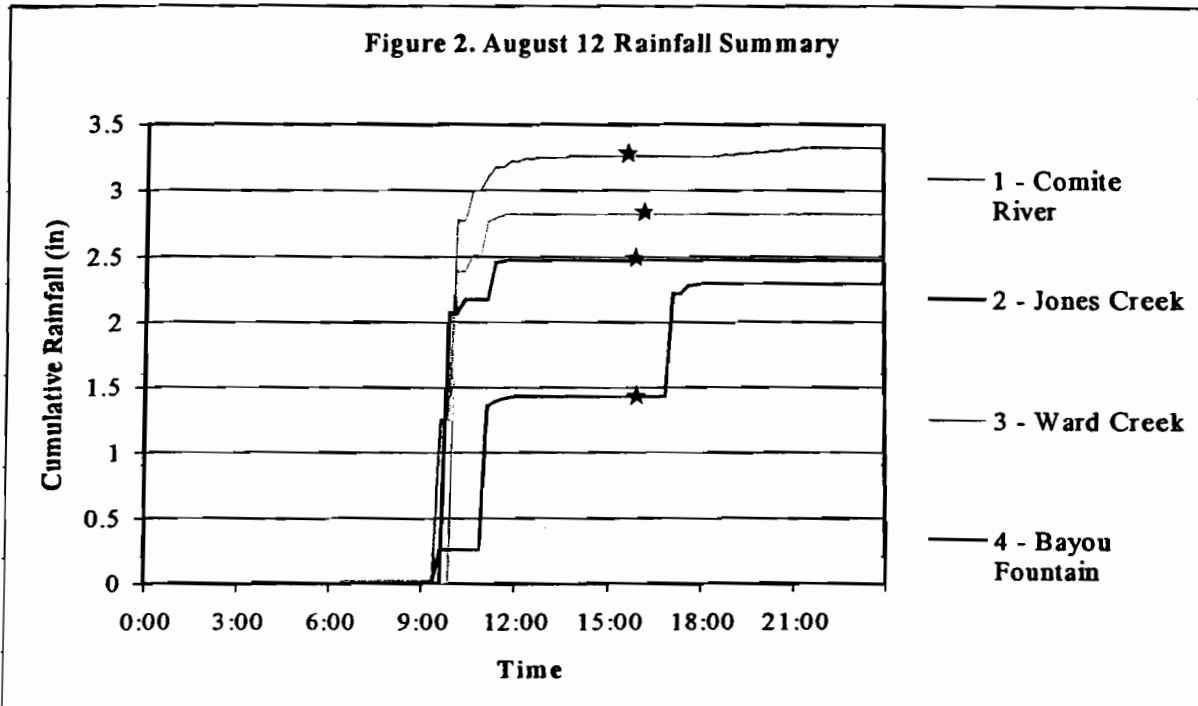
Legend

Sampling Locations

- Highland Road & Ward Creek
- Grand Lakes Dr. & Bayou Fountain
- O'Neal Lane & Jones Creek
- Greenwell Springs Rd. & Comite River

- USGS Monitoring Stations (Rain)
- ▲ USGS Monitoring Stations (Gage Height / Elevation)
- ~ Major Waterways
- Existing Sanitary Sewers
- ⋄ Parish Streets
- Parish Boundary

ERM Results - Ph. 1, Qtr. 4
Figure 1 - Sampling Locations



Note: Data was recorded at USGS rainfall/stream flow monitoring stations upstream of sample locations.

**Department of Public Works**

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

August 13, 2003

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

Attention: Mr. Charles Faultry

Re: Baton Rouge Consent Decree
Civil Action No. 01-978-B-M3

Dear Mr. Faultry:

As required by our consent decree, we have been reporting consent decree noncompliance on a quarterly basis, and listing the stipulated penalty for each noncompliance as identified in the consent decree. However, in the same quarterly reports, we have also documented special mitigating circumstances as appropriate for specific noncompliance events.

With this letter we would like to reiterate those special circumstances related to certain noncompliance events for you to take into consideration. Those events include:

1. A partial secondary treatment bypass at the South WWTP on October 3, 2002 (due to Hurricane Lili).
2. An overflow exceeding 1 million gallons at the South WWTP due to an extreme rain event on April 7, 2003.
3. Various noncompliances with the NPDES permit for the South WWTP starting in March 2002.

The first noncompliance (partial bypass at South WWTP) on October 3, 2002 was due to the intense rainfall we experienced during Hurricane Lili. This was an extreme event which far exceeded our 2-year 12-hour design storm of 4.5 inches of rain. Flows were bypassed in order to prevent flooding of treatment plant facilities (which would potentially cause additional overflows). The bypassed flows received primary and secondary treatment, but not disinfection.

The second noncompliance (a 2.9 million gallon overflow at the South WWTP) on April 7, 2003 was due to an extreme rain event (6-inches of rain in 30 hours) and two unrelated events which resulted in a unique situation. During the rain event, a lightning strike affected the plant computer system and pumps at the primary effluent pump station, and at the same time, two backup pumps were out of service because variable frequency drives (VFDs) were being replaced. For reference, the 6-inches of rain are in excess of the 2-year 12-hour design storm (approximately 4.5 inches) which the RMAP projects are based on. In other words, even after the consent decree RMAP work is completed, a storm of this magnitude would still cause overflows in the system.

The remaining noncompliances (South WWTP NPDES permit violations) were due to some serious unanticipated mechanical equipment failures and special operational problems at the South WWTP, including:

1. Intense snail infestations impacting operations and effluent quality
2. Structural and mechanical failure at 4 of 8 trickling filters

These failures and problems have been documented in correspondence (see attached November 13, 2002 and July 15, 2003 letters), reported in Consent Decree Quarterly Reports, and discussed in meetings with LDEQ and EPA. We have been working diligently to correct the problems, and in the interim to mitigate the impact of the problems, as indicated by the following actions:

1. Installed experimental snail removal screen at Central WWTP, with assistance from LSU. Based on successful operation, have started installing a similar snail screen at the South WWTP.
2. Coordinated and paid for many investigations of trickling filter distribution arms, including with the design engineer, manufacturer, and independent metallurgist. Based on investigations, we are pursuing legal action against the original manufacturer (recently bought by another company).
3. In the interest of correcting the problem as soon as possible, we solicited emergency bids to procure and install new distribution arms at the 4 trickling filters.
4. In the interim, our operations staff salvaged parts and managed to get one trickling filter on line to provide some level of treatment – even if inefficient.
5. Additionally, while waiting for the procurement process for new distributors, we again relied on the assistance of LSU and our operations staff to install a temporary Ferric Chloride feed system. Although costly, this polymer should improve the performance of the secondary clarifiers until the new equipment comes on line. To date we have expended approximately \$ 45,000 on equipment and chemicals for this temporary solution.
6. We continue to rely on the assistance of LSU to help us evaluate operational issues and process control procedures. Managers, engineers, operations and maintenance staff from all three wastewater treatment plants meet monthly to

August 13, 2003

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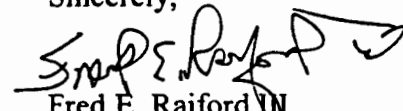
discuss WWTP performance and specific actions to improve operations and performance.

Attached to this letter are documents included in quarterly and annual consent decree reports with additional information and details about the South WWTP problems and corrective actions. We will continue to keep you informed of the status of our corrective actions.

We appreciate your understanding of the special circumstances related to certain noncompliance events, and hope you will take this information into account.

If you need any further information, please don't hesitate to contact me.

Sincerely,



Fred E. Raiford III
Director of Public Works

FER: dlb

Xc: Jerome M. Klier, P.E., Deputy Director of Public Works
Jim Thompson, Parish Attorney
Kent Mudd, Special Projects Engineer
Robert Groht, Jr., Wastewater Treatment Plant Manager
Mike Hill, Financial Administrator, Wastewater Operations
Rick Wright, Wastewater Engineer
Robert Quance (EPA)
Peggy Hatch (LDEQ)
Bruce Hammatt (LDEQ)
William McHie (MWH)