



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 7

January 30, 2004

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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 404,722 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 10 / 01 / 03 to 12 / 31 / 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 completed development of the electronic tracking system for maintenance activities at the three treatment plants, similar to the tracking system established for the pump stations. As part of this electronic tracking system, the PM Work Order program generates work orders electronically in the Hansen system for each of the Wastewater Treatment Facilities (see attached work order creation guide and sample work order). When completed the work orders are closed and a historical record of the maintenance is stored electronically. The PM Work Order program will be fully implemented at all three WWTPs by January 2004.

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 and other facilities. Annual goals for specific activities identified in the Collection System Preventive Maintenance Plan were achieved this year. 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. At the beginning of the reporting period, it was evident that the annual goal for CCTV inspection was less than 75% and would require additional effort during the last quarter of the year. Therefore, increased effort was focused on this activity, both through existing contracts and by City/Parish forces.

We met all annual goals for 2003 except for the annual goal for air release valve inspections, which was missed by five inspections. However, last year we exceeded the minimum number of ARV inspections by 106, and therefore the average annual number of inspections over the two-year period was in compliance with the consent decree goals. 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 Oct-Dec 2003	Cumulative 2003 Annual Total	2003 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	438,810	990,169	570,000
CCTV Inspected (ft)	299,830	648,301	570,000
Smoke Tested (ft)	404,722	1,390,180	----
Smoke Tested (no. of locations)	366	1,766	----
Dye Water Flooded (no. of locations)	76	1,276	----
Manholes Inspected (no.)	160	2,654	2,500
Lines Repaired (no.)	502	2,027	----
MH Rehabbed (no.)	67	281	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	31.1	173.3	120
Repaired (no.)	6	26	----
Air Release Valves (604)			
Inspected/Maintained	222	955	960 to 1,200
Repaired (no.)	23	185	----
Pump & Lift Stations (421)			
Inspections (no.)	17,040	65,178	45,136
Wet wells cleaned	88	240	----
Repaired (no.)	10	49	----
Peak Flow Storage Facilities (2)			
Little Peak site visits	40	154	104
Big Peak site visits	40	154	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 10 / 01 / 03 to 12 / 31 / 03. If not, see comments above.

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

North Plant (LA0036439)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct-Dec 2003</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	148,794	37,800	186,594
CCTV Inspected (ft)	149,054	0	149,054
Smoke Tested (ft)	248,754	25,222	273,976
Smoke Tested (no. of locations)	0	83	83
Dye Water Flooded (no. of locations)	0	20	20
Manholes Inspected (no.)	15	0	15
Lines Repaired (no.)	23	81	104
MH Rehabbed (no.)	0	20	20
Force Mains (120 miles)			
Visual Surface Inspection (miles)	31.1	0	31.1
Repaired (no.)	0	2	2
Air Release Valves (335)			
Inspected/Maintained	222	0	222
Repaired (no.)	0	23	23
Pump & Lift Stations (141)			
Inspections (no.)	5,520	0	5,520
Wet wells cleaned	25	0	25
Repaired (no.)	0	5	5

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)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct-Dec 2003</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	145,024	25,800	170,824
CCTV Inspected (ft)	139,584	0	139,584
Smoke Tested (ft)	11,759	60,263	72,022
Smoke Tested (no. of locations)	3	165	168
Dye Water Flooded (no. of locations)	3	35	38
Manholes Inspected (no.)	57	0	57
Lines Repaired (no.)	0	52	52
MH Rehabbed (no.)	0	10	10
Force Mains (10 miles)			
Visual Surface Inspection (miles)	0	0	0.0
Repaired (no.)	0	2	2
Air Release Valves (18)			
Inspected/Maintained	0	0	0
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	880	0	880
Wet wells cleaned	34	0	34
Repaired (no.)	0	0	0

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

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)

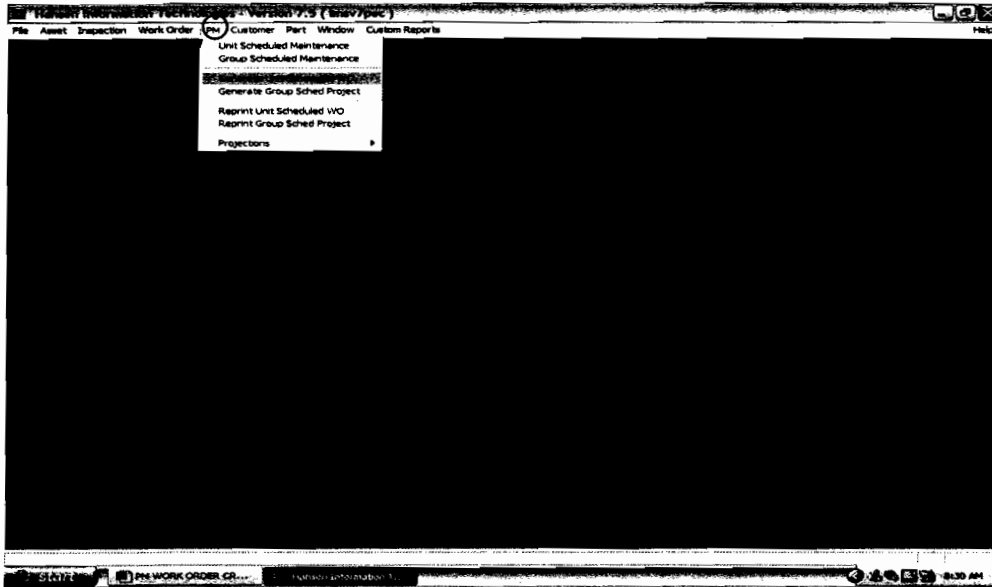
	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct-Dec 2003</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	11,192	70,200	81,392
CCTV Inspected (ft)	11,192	0	11,192
Smoke Tested (ft)	18,107	40,617	58,724
Smoke Tested (no. of locations)	0	115	115
Dye Water Flooded (no. of locations)	0	18	18
Manholes Inspected (no.)	88	0	88
Lines Repaired (no.)	190	156	346
MH Rehabbed (no.)	0	37	37
Force Mains (110 miles)			
Visual Surface Inspection (miles)	0	0	0.0
Repaired (no.)	0	2	2
Air Release Valves (251)			
Inspected/Maintained	0	0	0
Repaired (no.)	0	0	0
Pump & Lift Stations (259)			
Inspections (no.)	10,640	0	10,640
Wet wells cleaned	29	0	29
Repaired (no.)	0	5	5
Peak Flow Storage Facilities (2)			
Little Peak site visits	40	0	40
Big Peak site visits	40	0	40

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.

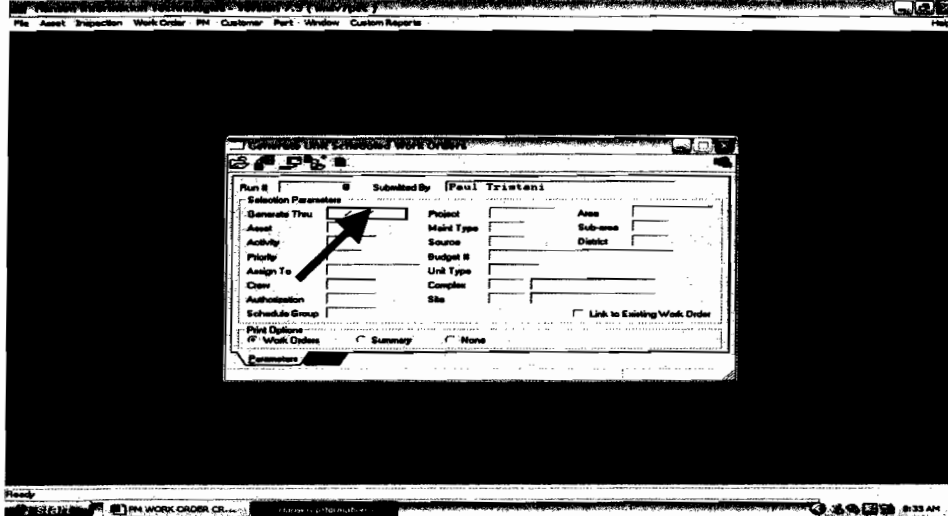
Corrective Maintenance-Maintenance which is required to restore an item to a specified working order/condition, normally initiated as a result of a scheduled or routine inspection. Generally corrective maintenance consists of rehabilitation of gravity lines, manholes, force mains, etc. and generally 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.

PM WORK ORDER CREATION GUIDE

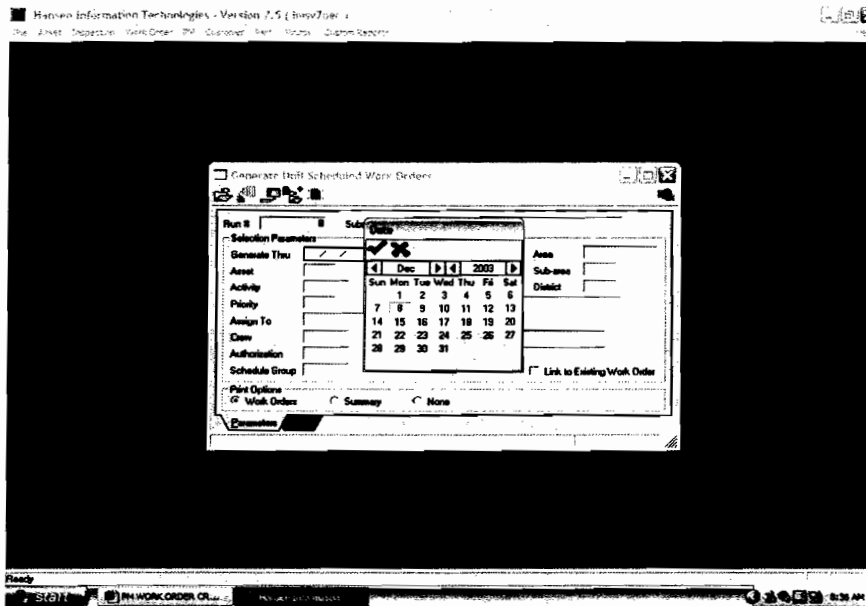
- Log into Hansen
- Go to 'PM' on the top menu pull downs.
- Find 'Generate Unit Schedule W/O'



The Generate Unit Schedule W/O screen will pop up. You need to decide if you want to create just the present day's work orders or the entire week's work orders.



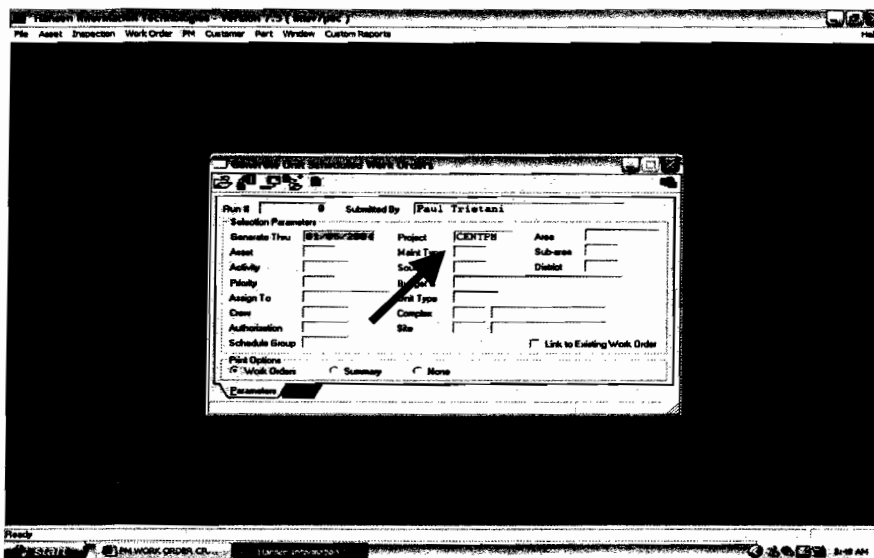
- Put your cursor in the 'Generate Thru' field and click your right mouse button.



A calendar will pop up.

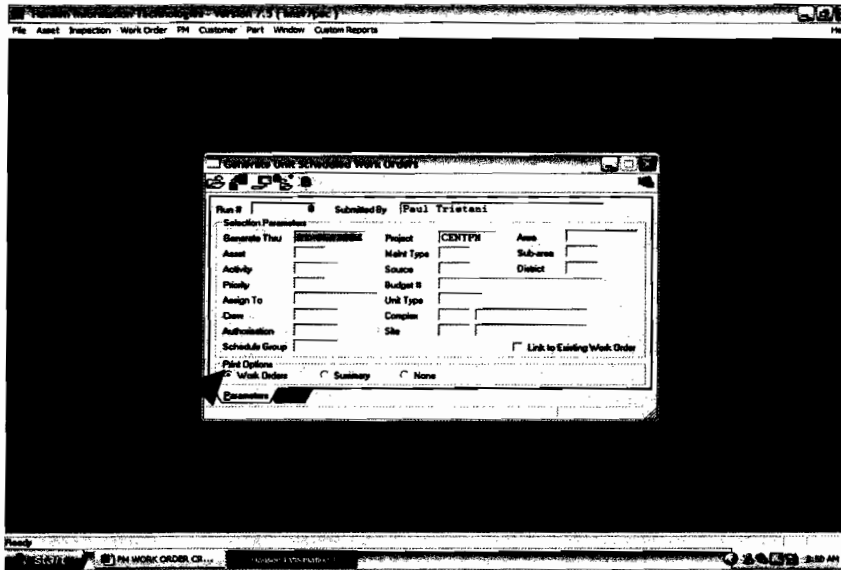
- Find your desired date and click on it. Then click on the **Green Check Mark**. *Important you have the right date. Check to make sure your desired date is now in the 'Generate Thru' field.*

- Go to the 'Project' field. Type **NORTHMPM**

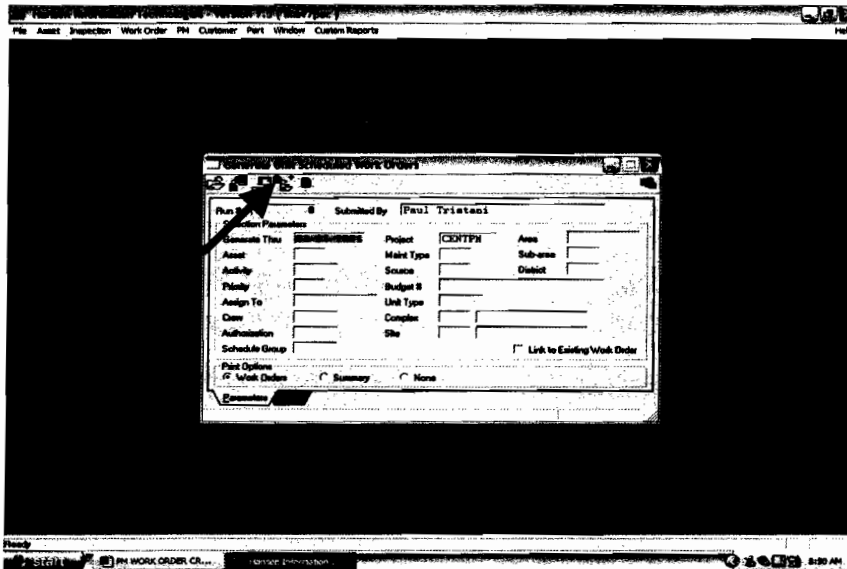


Nothing else needs to be filled in.

- Next click the **Work Order** circle under the 'Print Options'.



- Then click on the **ADD** icon on the tool bar. It has a PLUS sign next to it.



The 'Select Printer' screen pops up.

- In the Printers List click on your printer
- Everything in the **TASKS** and **Work Orders** fields should be left unchecked.
- In the **Fill-In-Boxes** field type 2 in the Comments field.
- Check the **Work Order** box in the **Comments** field.
- Next click the Preview Button.

Select Printer

Printer
Auto hp5000ps on biloxi1
Auto hp deskjet 990c series on
Auto HP 5000 PCL on BILOX1
Adobe PDF

Avail Bins: Default
Paper Size: Letter
Orientation: Simplex
Options: # of Copies: 1

Options
Preview
OK
Cancel

Tasks
 Print Task List
 Equipment
 Std Usage
 Extra Item
 Std Usage
 Labor
 Std Hours
 Material
 Safety
 Tool
 Vehicle
 Std Usage
 Contractor

Fill-in Boxes (enter number of lines)
 Contractor Tool Labor
 Equipment Vehicle Material
 Extra Item 2 Comments Sign-off

Comments
 Work Order Asset Safety Msg
 Activity

Work Orders
 Completed
 Outstanding
 Perf Indicators
 Crew Information
 Spot Inspections
 Service Request Info
 Log
 Workbench

Print Images
Number of Images Per Page: 1 4 9 16 25
Label Images With: File Names Descriptions

This may take a minute or two to generate the work orders.
The Print Preview screen pops up showing your Work Orders.
Click the **Printer Icon** to print your Work Orders.

Print Preview

Page 1 of 1

Department of Public Works

329 Chippewa Street
Baton Rouge, LA 70821
(504)389-4858 Fax (504)389-4838

COMPLETED Equipment Work Order

Report Date 01/15/2004 11:50 AM

Submitted By

Page 1

Work Order #	63009	Activity	CHOIL	CHANGE OIL
Equipment ID	P-151S			
Description	INFLUENT PUMP			
Address				
Site	FAC	SOUTH_PL	Description	SOUTH TREATMENT PLANT
Subunit Of				
Area			Sub-area	S1
District			Loc	SOUTH PLANT S1
Loc Qualifier				
Complex				
Operator License				
Ownership			Parcel	0.00
Warranty Usage				
X Coord			Y Coord	
Z Coord			Map #	
Equipment Type	SOUTHPL	SOUTH TREATMENT PLANT EQ.	Manufacturer	
Building			Building Level	
Service Status			Expected Life	0
Avg Monthly Usage	0.00		Total Usage	0.00
Model #			Warranty Expires	
Serial #			Purchase Date	
Budget #			MTBF	0
			Purchase Cost	0.00
Initiated By			Initiated Date	01/05/2004
Assigned To			Service #	
			Scheduled Due	01/05/2004 06:00
Authorization				
Budget #				
Crew				
Maint Type				
Priority				
Problem				
Project	SOUTHPLM	SOUTH TREATMENT PLANT PM	Out of Service	<input type="checkbox"/>
Source			Potential Service Request	<input type="checkbox"/>
Last Activity	CHOIL	CHANGE OIL	Last Activity Completed	01/05/2004

Work Order Comments

TURBINE GRADE 150 \ New motor and pump installed on 11-5-03 Motor filled with turbine grade 150 (20w ydraulic oil. Pump and coupling greased with EP-2 grease

Comments

Empty text box for additional comments.



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

January 29, 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
Seventh Quarterly Report - **Period Ending December 31, 2003**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 7th Consent Decree Quarterly Report covering activities for the quarter ending December 31, 2003. 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.

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.

Mr. Fred E. Raiford III
January 29, 2004
Page 2

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. Mark LeBlanc
Mr. David Ratcliff
Mr. Bill McHie, MWH

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 62 Sanitary Sewer Overflows (SSOs) were responded to during this reporting period. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows – including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge reported. There were no problems encountered in following the SSO Response Plan. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

The City/Parish reviewed and began modifications to the Sanitary Sewer Overflow Response Plan (SSORP) during this reporting period, see attached correspondence. The modifications of the SSORP will include updating the overflow response procedures, regulatory agency notification plan, general forms, and include additional definitions. We anticipate submitting a request for modification of the SSORP during the next quarter.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4841 Collection System	11
Central Plant-LA0036421 AI # 4842 Collection System	10
South Plant-LA0036412 AI# 4843 Collection System	41
Total	62

** 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 10 / 01 / 03 to 12 / 31 / 03. If not, see comments above.

MEMORANDUM



MWH

MONTGOMERY WATSON HARZA

To: Meeting Attendees
From: Sparkle Noble
Subject: Overflow Reporting Procedures Meeting Summary
Date: October 16, 2003
Reference: BRSSO 4.1

This memo is a summary of the Overflow Reporting Procedures Meeting held on October 8, 2003 at the SOGA Conference Room. Attendees included:

Kent Mudd
Scooter Groht
Mitch O'Brien
David Ratcliff
Rick Wright

David Cody
Roy Hutchinson
Bill McHie
Sparkle Noble

Walter Jenkins
Garcia Dialekwa
Ray Lewis
Paul Tristani

The major points covered during the meeting include:

1. Report each individual overflow; from where it overflows. Do not report based on cause or event. There may be multiple reports for an event.
2. Who is responsible for which overflows?
 - Manhole – WWC
 - Wetwell – WWT
 - Forcemain – WWC
 - Air Release Valve – Whoever fixes it (WWT during routine maintenance; WWC for large leaks)
3. All overflows are to be entered into Hansen after initial investigation (within 24 hrs.)
 - By Roy Hutchinson for WWC
 - By Pat Smith for WWT
4. Nights & Weekends – Call DSP and get Report # (NOT Tracking #)
5. Normal Work Hours – Email Report (first two sections on first page only) to DEQ
6. If less than 100,000 gallons, no 5 day follow-up report needed (quantity reported in monthly report)

Part D:
Reporting of
Unauthorized Discharges

Baton Rouge Consent Decree Quarterly Report Part D - Reporting of Unauthorized Discharges

Requirement: Pursuant to Paragraph 26, Section XI of the Consent Decree the City/Parish shall report all Unauthorized Discharges of which it becomes aware to EPA and LDEQ. All such Unauthorized Discharges shall be reported to EPA and LDEQ in the Quarterly Report.

Summary of Unauthorized Discharges

The attached Sanitary Sewer Overflow Monitoring Report provides information about all unauthorized discharges discovered during the reporting period, such as the date, location, cause, action taken to reduce or eliminate the discharge, surface water which received the discharge and quantity of the discharge. The attached Sanitary Sewer Overflow Monitoring Report also identifies the steps taken to prevent the recurrence of the discharge.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4841 Collection System	11
Central Plant-LA0036421 AI # 4842 Collection System	10
South Plant-LA0036412 AI# 4843 Collection System	41
Total	62

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

There were no unusual SSOs, but there were five unauthorized discharges greater than 100,000 gallons of which two were greater than one million gallons during this reporting period. Three of these events were due to treatment plant power outages, including the two events greater than one million gallons and the other two were due to pump failures. The unauthorized discharges that occurred on November 27, 2003 were in conjunction with an extreme rain event (4 inches of rain in 15 hours), which increased the overflows to excessive volumes. In all cases the power to the plant was restored, the pumps were immediately returned to normal operation and all overflows ceased as noted in the attached correspondence.

Non-compliance

There was one incident of non-compliance, reported above, in the South Wastewater Treatment Plant area. A written report for one unauthorized discharge from a collection system manhole was not submitted within 5 days of the incident. This overflow occurred at 3821 Deerfield (Manhole 136-00001), from approx. 9:00 a.m. to 8:00 p.m. October 19, 2003 and was due to pump failure. An estimated 240,000 gallons of untreated sewage was released to Jones Creek (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.

Implementation of the Remedial Measures Action Plan (RMAP) projects will not prevent the recurrence of these discharges, because these events were all due to pump failures and power outages, exacerbated by wet-weather events.

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 10 / 01 / 03 to 12 / 31 / 03. If not, see comments above.

**CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE
SANITARY SEWER OVERFLOWS MONITORING REPORT
OCTOBER 2003 - DECEMBER 2003**

North	Sewer District Collection System			LPDES LA0036439 AI# 4843			1 of 5				
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
1	10/5/2003	50 WOODPECKER	POWER FAILURE	ALL FLOWS RECEIVED DISINFECTION AND FORCEMAIN RECEIVED PRIMARY TREATMENT	NONE	MISSISSIPPI RIVER	520,000	NWWTP	N/A	78	7.59
2	10/15/2003	1110 ARDENWOOD	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	HURRICANE CREEK	200	204-00011	117	105	7.16
3	10/28/2003	1001 CAPITOL ACCESS	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE-MH#60- 6971	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	150	060-06971	136	114	7.32
4	11/5/2003	10153 SHANNON	OVERFLOW WAS CAUSED FROM STOPPAGE IN COLLECTION LINE-MH-137- 00002	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	BEAVER BAYOU	50	137-00002	155	126	7.30
5	11/15/2003	13122 MALEDA	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE-MH-129- 00004	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	WHITE BAYOU	300	129-00004	90	172	7.07
6	11/20/2003	3620 WINBOURNE	OVERFLOWING CLEANOUT CAUSED FROM STOPPAGE IN COLLECTION LINE.MH-24-560	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	150	024-00560	154	117	7.16
7	12/2/2003	5665 MCCLELLAND	OVERFLOW CAUSED FROM STOPPAGE IN THE 6" SERVICE LINE-MH#52-530	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	150	052-00530	165	116	7.10
8	12/4/2003	5870 PLANK	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE. MH#-54-54	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	N/A	200	054-00054	164	113	7.02
9	12/10/2003	11736 PLANK	OVERFLOW CAUSED FROM BROKEN COLLECTION LINE.MH#45-40	BY-PASSED SEWER FROM CANAL BACK INTO SEWER SYSTEM. WASHED DOWN AREA,DEODORIZED AND DISINFECTED.	NONE	WHITE BAYOU	1,000	045-00040	152	131	6.99
10	12/18/2003	4434 EVANGELINE	STOPPAGE IN COLLECTION LINE CAUSED OVERFLOW- MH#24-138	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	N/A	250	024-00138	135	123	7.33
11	12/31/2003	7445 NOTTINGHAM	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-MH#44-586	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	HURRICANE CREEK	1,000	044-00586	90	124	7.14

Part D-Reporting of Unauthorized Discharges

2 of 5

Central Sewer District Collection System				LPDES LA0036421							
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
1	10/10/2003 405 HEARTHSTONE	OVERFLOW DUE TO SURCHARGED CONDITIONS-MH-3-2163	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	IMPLEMENT RMAP PROJECTS	N/A	200	003-02163	46	128	6.85	
2	11/4/2003 1625 15TH	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-MH-60-7754B	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	MISSISSIPPI RIVER	150	060-07754B	172	208	7.22	
3	11/6/2003 724 DRUID	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE-MH-6-4256	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	20	006-04256	206	192	7.20	
4	11/18/2003 3556 LAKESHORE	OVERFLOW DUE TO SURCHARGING CONDITIONS FROM HEAVY RAINFALL.-MH-2-1390D	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	IMPLEMENT RMAP PROJECTS.	UNIVERSITY LAKE	1,800	002-01390D	95	270	7.02	
5	11/18/2003 2147 LAKESHORE	OVERFLOW CAUSED FROM HEAVY RAIN CONDITIONS-MH-10-04903	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	1,200	010-04903	95	270	7.02	
6	11/21/2003 2800 38TH	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-MH-60-7718A	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/ MONITOR FOR RECURRENCE	HURRICANE CREEK	150	060-07718A	142	178	7.08	
7	11/27/2003 2147 LAKESHORE	OVERFLOW CAUSED FROM HEAVY RAIN CONDITIONS-MH-10-04903	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	1,750	010-04903	32	262	7.14	
8	11/27/2003 3556 LAKESHORE	OVERFLOW DUE TO SURCHARGING CONDITIONS FROM HEAVY RAINFALL.-MH-2-1390D	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	IMPLEMENT RMAP PROJECTS.	UNIVERSITY LAKE	3,800	002-01390D	32	262	7.14	
9	12/9/2003 3403 ONTARIO	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.-MH#-60-7942B	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	150	060-07942B	159	248	7.02	
10	12/22/2003 1844 BAY	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.MH-60-7743	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	1,000	060-07742	211	196	7.21	

South Sewer District Collection System				LPDES LA0036412 AI#4841							
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH	
1	10/6/2003 5666 FORSYTHIA	OVERFLOW DUE TO STOPPAGE IN MAIN LINE. (MH>56-72)	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	DAWSON CREEK	150	056-00072	168	182	7.01	
2	10/6/2003 11307 COURSEY	OVERFLOW DUE TO STOPPAGE IN COLLECTION LINE(MH>328-43)	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	50	328-00043	186	153	7.30	
3	10/10/2003 12525 LAKE LAMOND	PUMP STATION FAILURE-ELECTRICAL	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE	N/A	400	136-00001	79	549	7.14	
4	10/10/2003 17541 BROOKFIELD	OVERFLOW DUE TO HEAVY RAIN SURCHARGING	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	IMPLEMENT RMAP PROJECTS	N/A	100	676-00001	79	549	7.14	
5	10/19/2003 3821 DEERFIELD	PUMP STATION FAILURE-ELECTRICAL	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MANINTENANCE	JONES CREEK	240,000	136-00001	131	192	7.04	

Part D-Reporting of Unauthorized Discharges

South Sewer District Collection System

LPDES LA0036412 AI#4841

3 of 5

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
6	10/21/2003 13451 GRANDVIEW	BROKEN 8" FORCE MAIN	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	NONE	WARD CREEK	700	PS-00259	191	300	7.05
7	10/22/2003 3310 GLENNSADE	OVERFLOW DUE TO STOPPAGE IN MAIN LINE-MH#51-00452	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	COMITE RIVER	200	051-00452	132	152	7.38
8	10/27/2003 4024 EDGEMONT	OVERFLOW DUE TO STOPPAGE IN COLLECTION-(MH-194A-94)	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	COMITE RIVER	300	194A-00094	153	190	7.10
9	10/28/2003 1316 SPRINGLAKE	DISCHARGE DUE TO STOPPAGE IN COLLECTION LINE.-MH#102-05067	SMOKE & TELEVISION INSPECTION/MAKE REPAIRS AS NEEDED ON EPR CONTRACT.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	BAYOU FOUNTAIN	2,000	102-05067	223	251	7.03
10	10/28/2003 1900 SHARP	A BROKEN 6" SERVICE LINE-MH#50-618	WASHED DOWN AREA,DEODORIZED AND DISINFECTED-SCHEDULED REPAIR.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	20	050-00618	223	251	7.03
11	10/29/2003 5958 RUBY	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-(MH-49-137)	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	HURRICANE CREEK	85	049-00137	112	145	7.36
12	10/30/2003 932 HOLLYSTONE	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-(MH-245-18)	WASHED DOWN AREA, DERODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	300	245-00018	212	283	6.99
13	11/3/2003 4662 UNDERWOOD	OVERFLOW DUE TO BROKEN SERVICE LINE-(MH-49-27)	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	300	049-00027	172	362	6.89
14	11/4/2003 14605 BAILEY	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.-MH-104-33	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	JONES CREEK	140	104-00033	176	152	7.12
15	11/4/2003 RUNNYMEDE	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-(MH-58-1392)	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	30	058-01392	200	230	7.01
16	11/6/2003 10920 AIRLINE	DISCHARGE WAS CAUSED FROM A STORM DRAIN PIPE COLLAPSING ON THE 10"COLLECTION LINE.-MH-250-30	REPAIRED ON EPR CONTRACT, PUMPED SEWER BACK INTO CANAL,PUMPED FRESH WATER INTO CANAL, DEOD, DISINFEC	NONE	CLAYCUT BAYOU	6,000	250-00030	178	194	6.97
17	11/7/2003 930 TANGLEBRIAR	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-MH-161-1A	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	BAYOU FOUNTAIN	300	161-00001A	156	153	6.91
18	11/10/2003 9715 PATIO	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.MH-51-00005A	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	JONES CREEK	200	051-00005A	157	177	6.85
19	11/14/2003 1016 RENDALE	OVERFLOW IS UNKNOWN AT THIS TIME, POSSIBLE PUMP STATION FAILURE-MH-229-00001	SAND BAGGED CANAL, PUMPED SEWER BACK IN SYSTEM, PUMPED FRESH WATER INTO CANAL, DEODORIZER	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	BAYOU FOUNTAIN	12,000	229-00001	148	120	6.90

Part D-Reporting of Unauthorized Discharges

South Sewer District Collection System

LPDES LA0036412 AI#4841

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Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
20	11/15/2003 19333 LINKS	PS#388 FAILURE-MECHANICAL-388-00004	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE	N/A	270	388-00004	166	154	6.59
21	11/18/2003 8722 BLUEBONNET	PUMP STATION FAILURE-POWER OUTAGE-MH-301-00066	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	CLAYCUT BAYOU	10,000	301-00066	141	310	6.80
22	11/20/2003 3415 YOSEMITE	OVERFLOW WAS CAUSED FROM STOPPAGE IN COLLECTION LINE-MH-51-349	WASHED DOWN AREA, DEODORIZED AND DISINFECTED	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	HURRICANE CREEK	150	051-00349	186	396	7.02
23	11/24/2003 1251 ARDENWOOD	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-CLEAN-OUT-MH-58-962	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	N/A	500	058-00962	132	216	6.90
24	11/27/2003 3821 DEERFIELD	PS#136 FAILURE-ELECTRICAL-MH#-136-1	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE.	JONES CREEK	685,000	136-00001	70	442	6.78
25	11/27/2003 8923 FOX RUN	P.S.#61 FAILURE- POWER OUTAGE- MH#-61-392	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	BAYOU FOUNTAIN	1.4M	061-00392	60	339	6.87
26	11/27/2003 SHERWOOD FOREST	MANHOLE OVERFLOWING DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	12,300	050-00530A	49	234	6.87
27	11/27/2003 1388 ASHBOURNE	MANHOLE OVERFLOWED DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	12,300	050-00530	49	234	6.87
28	11/27/2003 1423 ASHBOURNE	SURCHARGE CONDITIONS DUE TO HEAVY RAINS	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	WARD CREEK	11,500	050-00528	49	234	6.87
29	11/27/2003 2850 GARDERE	POWER FAILURE AND HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	NONE	MISSISSIPPI RIVER	2.7M	SWWTP	130	169	7.03
30	12/5/2003 3498 BON SEJOUR	DISCHARGE WAS CAUSED FROM A BROKEN 6" FORCE-MAIN.	SAND BAGGED CANAL.PUMPED SEWER BACK INTO SYSTEM.WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	NONE	MISSISSIPPI RIVER	400	336-00001	160	188	7.18
31	12/8/2003 9563 JAMAICA	OVERFLOW CAUSED FROM STOPPAGE IN THE COLLECTION LINE.-MH#51-53	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	N/A	175	051-00053	162	132	6.50
32	12/9/2003 3756 YOSEMITE	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.-MH#281-41	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	HURRICANE CREEK	100	281-00041	183	182	6.89
33	12/9/2003 11500 SOUTHFORK	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.-MH#135-52	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	N/A	300	135-00052	208	183	6.93

Part D-Reporting of Unauthorized Discharges

South Sewer District Collection System

LPDES LA0036412 AI#4841

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	Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
34	12/11/2003	5858 RUBY	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.MH#49-137	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	HURRICANE CREEK	150	049-00137	160	176	6.82
35	12/13/2003	11890 WENTLING	OVERFLOW WAS CAUSED FROM STOPPAGE IN COLLECTION LINE MH#171-32A	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE.	N/A	600	171-00032A	132	332	6.91
36	12/19/2003	1488 HARCO	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE.-MH-21-22	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	100	021-00022	168	162	6.21
37	12/29/2003	SHERWOOD FOREST	MANHOLE OVERFLOWING DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	10,000	050-00530A	106	504	6.74
38	12/29/2003	1423 ASHBOURNE	SURCHARGE CONDITIONS DUE TO HEAVY RAINS	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	WARD CREEK	10,000	050-00528	106	504	6.74
39	12/29/2003	1388 ASHBOURNE	MANHOLE OVERFLOWED DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	20,000	050-00530	106	504	6.74
40	12/29/2003	9940 GREAT SMOKEY	OVERFLOW CAUSED FROM WET WEATHER CONDITIONS	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	IMPLEMENT RMAP PROJECTS	HURRICANE CREEK	1,000	051-00193	106	504	6.74
41	12/30/2003	14376 TIGER BEND	OVERFLOW CAUSED FROM STOPPAGE IN COLLECTION LINE-MH-170-13	WASHED DOWN AREA, DEODORIZED AND DISINFECTED.	CONTINUE PREVENTIVE MAINTENANCE/MONITOR FOR RECURRENCE	N/A	2,000	170-00013	86	126	7.34



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

October 13, 2003

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

Attention: Vivian Hare

Re: LPDES Permit No. LA0036439
AI #: 4843
North Wastewater Treatment Plant Bypass

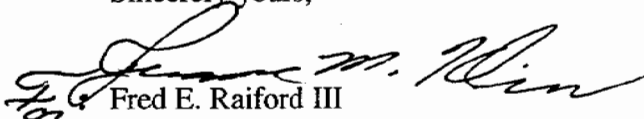
Dear Ms. Hare:

This letter is to provide information about a bypass at the North Wastewater Treatment Plant, which occurred from 5:35 p.m. to 6:30 p.m. on October 5, 2003. During this time, an estimated 520,000 gallons was bypassed due to a power outage caused by the local utility company, Entergy. Of this flow, an estimated 350,000 gallons received primary treatment and disinfection, while approximately 170,000 gallons received only disinfection before being released to the Mississippi River.

During the outage, flows from the force main portion of the plant were able to receive primary treatment and disinfection; however, without power, flows from the gravity portion of the plant were only able to receive disinfection. Once the power to the plant was restored by Entergy, the plant was immediately returned to normal operation and the bypass ceased.

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

Sincerely yours,


Fred E. Raiford III
Director of Public Works

FER/RG/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

December 2, 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

FILE COPY

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 9:00 a.m. to 10:30 a.m. on November 27, 2003. During this time, an estimated 2,700,000 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, due to wet weather conditions, the wet well filled up quickly and overflowed approximately 2,700,000 gallons. The power to the plant was restored by Entergy, 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,

A handwritten signature in cursive script, appearing to read "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

**Department of Public Works**

Wastewater Collection Division

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

December 16, 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
3821 Deerfield- PS 136 Area

Dear Ms. Hare:

This letter is to inform you of an overflow at 3821 Deerfield, near Pump Station 136, which occurred from approximately 10:30a.m. to 9:30p.m. on November 27, 2003. During this time, an estimated 685,000 gallons of untreated sewage was released to Jones Creek.

The overflow was due to a pump failure at pump station 136, which was caused by an electrical problem. The occurrence was also complicated by wet weather, which increased the flow to the pump station. The problem was corrected as soon as possible, and the station was returned to normal operations. Procedures outlined in the Sanitary Sewer Overflow Response Plan were followed for this event.

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/erh

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



Department of Public Works
Wastewater Collection Division

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

December 18, 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
8923 Fox Run – PS 61 Area


Dear Ms. Hare:

This letter is to inform you of an overflow at 8923 Fox Run which occurred from approximately 9 a.m. to 4:30 p.m. on November 27, 2003. During this time, an estimated 1,400,000 gallons of untreated sewage was released to Bayou Fountain.

The overflow was due to a power outage at the South Wastewater Treatment Plant along with heavy rainfall conditions. Although the manhole lid had been bolted down, the flow was so strong that it dislocated the manhole cover and flange from the manhole, allowing the manhole to overflow. After the power was restored at the treatment plant, due to continued heavy rain, the pump station at the plant took several hours to pump the system down to allow the overflow to slow and cease. Following the overflow, the site was washed down, deodorized, and disinfected. In order to prevent this location from overflowing in the future, the manhole cover was again bolted down and a concrete slab was poured around it to help secure the lid.

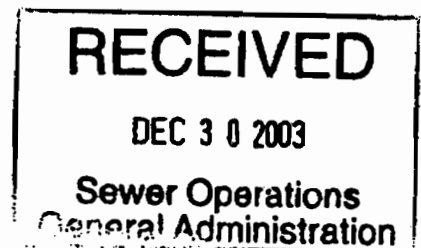
Should you require additional information concerning this matter, please let me know.

Sincerely yours,


Fred E. Raiford III
Director of Public Works

FER/RG/pas

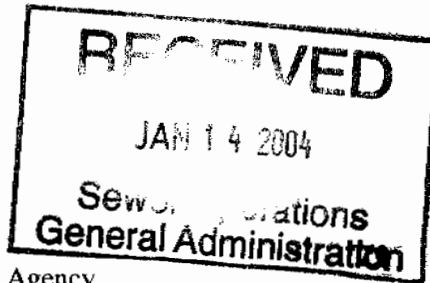
xc: Jerome M. Klier, Deputy Director of Public Works
Kent Mudd, Special Projects Engineer
Rick Wright, P.E. ✓
Robert Groht, Jr., Wastewater Treatment Plant Manager
David Ratcliff, Wastewater Collection Systems Manager
Michael Ponder, Parish Attorney





Department of Public Works
Wastewater Collection Division

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



January 9, 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. LA0036412 AI#4841
3821 Deerfield – PS 136 Area

Dear Ms. Hare:

This letter is to inform you of an overflow at 3821 Deerfield, near Pump Station 136, which occurred from approximately 9:00 a.m. to 8:00 p.m. on October 19, 2003. An estimated 240,000 gallons of untreated sewage was released to Jones Creek.

The overflow was due to a pump failure at Pump Station 136 which was caused by an electrical problem. The problem was corrected, and the station was returned to normal operations by 2:30 p.m. However, due to surcharge conditions, the pump was unable to stop the overflow until 8:00 p.m. Procedures outlined in the Sanitary Sewer Overflow Response Plan were followed for this event.

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

Sincerely yours,

Fred E. Raiford III
Director of Public Works

FER/RG/pas

xc: Jerome M. Klier, 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
Bill McHie, MWH
Michael Ponder, Parish Attorney

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

The Donwood/Oak Manor Project was the contractor's first on-grade sanitary sewer project by horizontal directional drilling (HDD). This process minimized surface disturbance in the residential area as noted in attached correspondence (see also attached photos). Construction for the Donwood/Oak Manor Project was completed on September 4, 2003. The Metropolitan Council issued the Certificate of Final Acceptance on October 22, 2003, as anticipated (see attached correspondence).

A Notice To Proceed was issued for the Pleasant Hills (Section 3)/Green Acres and the Sharon Hills/Cedar Glen/Pleasant Hills Projects on September 24, 2003. The contractor has provided shop drawings and ordered the equipment for the pump station in this project. The construction period is 240 calendar days, therefore the construction is anticipated to be complete for both projects by May 20, 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

Part E – Supplemental Environmental Projects (SEPs)

Hills/Cedar Glen/Pleasant Hills project is anticipated to be 86 days prior to the Consent Decree construction completion milestone.

The Stumberg Lane Project was also completed by the use of HDD (see attached photos). Construction for the Stumberg Lane Project 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 (see attached correspondence).

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 / Completion		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	10%	\$ 250,000	\$ 749,103
3	100%	06/14/03	06/27/03	09/24/03	08/14/04	05/20/04	10%	\$ 650,000	
4	100%	03/14/03	03/28/03	06/18/03	03/14/04	09/15/03	100%	\$ 100,000	\$ 80,367
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 10 / 01 / 03 to 12 / 31 / 03. If not, see comments above.

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Contractor Makes The Grade On Sewer Job

by Jeff Griffin • Senior Editor

Louisiana utility contractor Allen & LeBlanc LLC, has completed its first on-grade sanitary sewer project by horizontal directional drilling (HDD) using the patented ArrowBore process.

The Baton Rouge, LA, company was general contractor for the job which included installation of 1,900 linear feet of 8-inch diameter, restrained-joint PVC pipe for the Sewer Administration Division of the East Baton Rouge Parish Department of Public Works.

The pipe collects sewage from homes previously served by individual septic tanks and carries it to the parish's wastewater system. The pipe was installed in a landscaped parkway between street and curb. Directional drilling minimized surface disturbance in the residential area through which the pipe passes.

The project was divided into four bores, says Allen & LeBlanc President Les Allen. The longest was 700 feet; each of the others were 300-plus feet. Pilot holes were made through stiff clay and surface launched at points where new manholes would be installed. Exit points were at manhole locations which were installed after bores were complete. Pilot bores were 4 inches in diameter, enlarged in a single pass with pipe pulled in behind the reamer. Depths ranged from 12 to 14 feet maintaining a grade of .30 percent. Production averaged 150 feet per day.

Tools & equipment

A Vermeer D50x100 model directional drill producing 50,000 pounds of pullback force and 10,000 foot pounds of rotary torque made each bore. The machine has a relatively small footprint and plenty of

power to pull in the 8-inch and larger pipe. A DigiTrak electronic guidance system was used.

Because there was not sufficient space to assemble pipe before installation, 20-foot lengths of CertainTeed C900 Certa-Lok restrained joint PVC pipe were installed a section at a time. Average time to make a connection and pull in a joint of pipe was 10 minutes, says Allen. Typically a joint can be made in the time it takes to remove a drill stem from the drill string.

Allen says that the ArrowBore process provides a means of confirming exact line and grade coordinates at regular intervals along the path of a pilot bore, permitting immediate corrections to be made if there is any deviation. The process requires that a pilot bore hole be only one-quarter to one-

half inch larger in diameter than the bell of the pipe, eliminating sags or humps in the installed pipe.

Allen & LeBlanc specializes in water and sewer construction and rehabilitation, and during the past year has used directional drilling extensively for water projects.

"We did one 600-foot gravity flow sewer segment using conventional grade electronic locating equipment," says Allen. "We completed the job successfully, but the installation went from one manhole to another, and we had more tolerance than most on-grade jobs — we had six or eight inches to work with."

Allen says the company invested in the ArrowBore license because it provides a method for consistently achieving critical grades.



"Our first job went very well, and we believe we're in a good position to fill the need for on-grade HDD installations," he explained. "We believe we are ready for the future."

Good results

East Baton Rouge Parish officials appreciate the benefits of horizontal directional drilling.

"Although there was a small amount of excavation, 90 percent of this project was directionally drilled," says Shane Nicholas, project manager for the parish. "Bids could be submitted as either open cut or HDD, and we got the work done by directional drilling for the same price as open cut would have cost, and disturbance to the neighborhood was minimal . . . we didn't have to tear up sidewalks and drives that had to be repaired later."

Residents of the area were very pleased, Nicholas adds. "There was a neighborhood meeting before work began, and when people learned how the work would be done, they were very happy."

A.J. Amato, chief inspector in the sewer

administration division, says the parish uses trenchless construction extensively.

"We do a lot of pipebursting, CIPP lining and directional drilling," he says. "We try to stay trenchless whenever we can."

The ArrowBore process was developed and patented by Ted Dimitroff, president of Trenchless Flowline Inc., Columbia, MO.

"The ArrowBore process allows licensees to use standard horizontal directional drilling equipment to install new gravity sewer lines precisely on grade and on line every time," says Dimitroff. "In most cases, the process costs no more than ordinary boring applications and certainly not more than open-cut installation."

Dimitroff says important benefits of ArrowBore include:

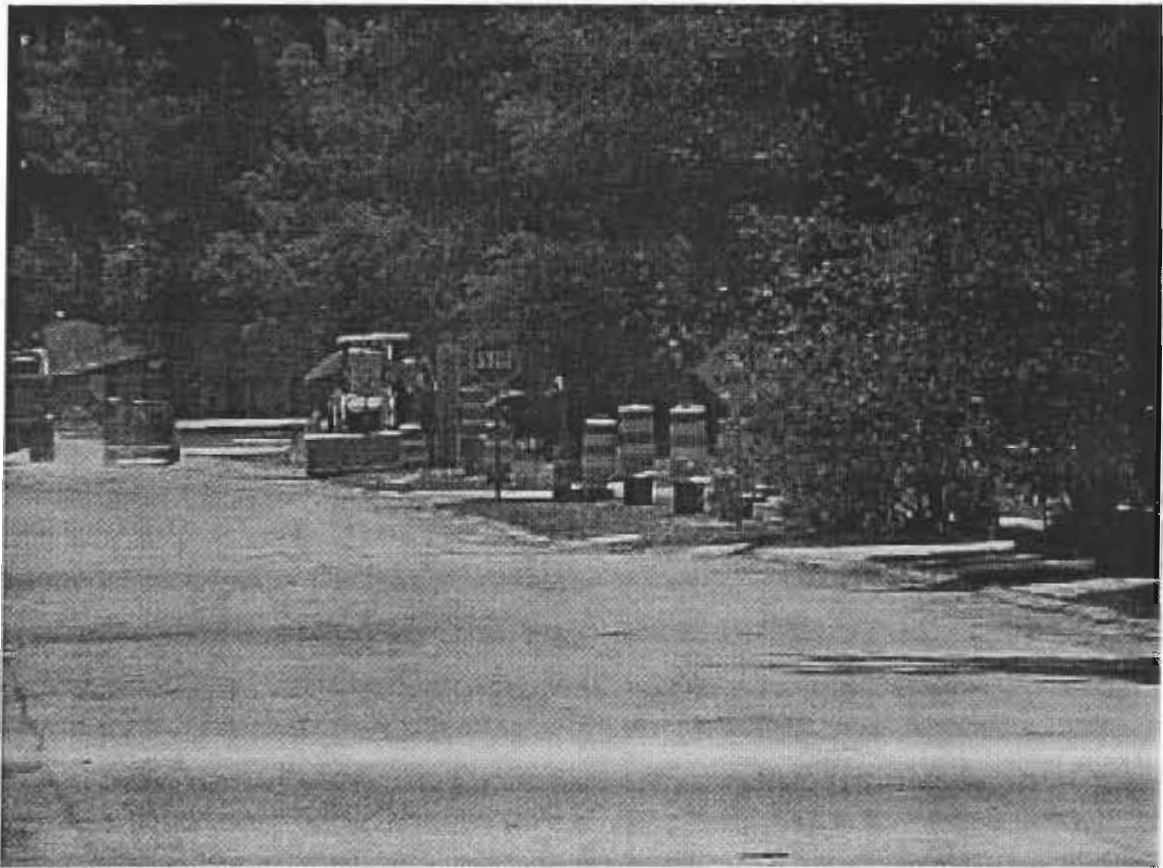
- Precise monitoring of the pilot bore, including more accurate depth readings than are possible with electronic trackers;
- Less consumption of drilling fluids – an ArrowBore installation uses as much as 80 percent less drilling fluid than conventional HDD installations;
- Patented technology prevents downhole drilling fluid build up, reducing risk of dam-

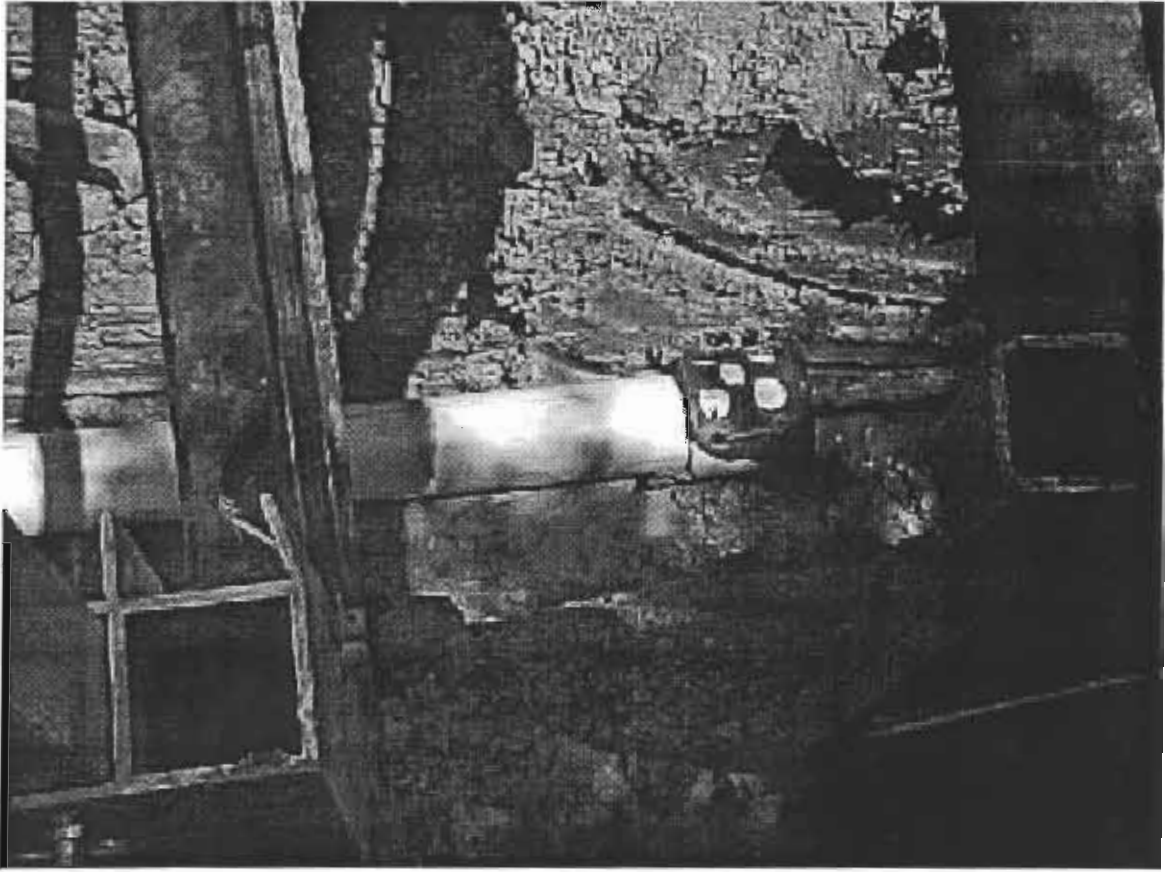
age to paving and other surface improvements; and

■ Tight-fitting pipe installation helps maintain grade and holds pipe in place during and after installation.

"Another key benefit," adds Dimitroff, "is that contractors with no prior experience with directional drilling can be trained to make on-grade installations using the ArrowBore process. Of course, ArrowBore installations also provide all of the other benefits that make directional drilling so attractive to project owners – very little excavation is necessary, minimizing the disruption and inconvenience caused by open cut construction, and restoration costs are greatly reduced."

Worldwide licensor of the ArrowBore process is Advantica Technologies Ltd. The United Kingdom-based company's U.S. office is in Carlisle, PA. Training for licensees is available at Trenchless Flowline's dedicated facilities or, if licensees prefer, on site. Consulting services also are available, says Dimitroff.







Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

November 24, 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)

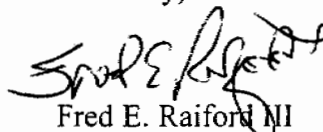
Dear Ms. Hare:

This letter is to notify you that construction for the Donwood/Oak Manor Project was completed on September 4, 2003, 190 days prior to the Consent Decree construction completion milestone. Please find attached an executed copy of the Certificate of Final Acceptance. The final contract amount for this project was \$265,594.50, which is 24% of the total estimated construction cost for all Supplemental Environmental Projects.

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.

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)

**East Baton Rouge Sewerage Commission
DEPARTMENT OF PUBLIC WORKS
Wastewater System Improvement Program
CERTIFICATE OF FINAL ACCEPTANCE**

Project Name:	Wastewater System Improvement Program Donwood & Oak Manor Subdivision Supplemental Environmental Project	Date: 09/12/2003
Contract Number:	01-SEP-0003	Area Designation Number: SS8
Account Number:	420.7570403.752400.6120103	Purchase Order No.: PO030533
Contractor:	Allen & LeBlanc, LLC	

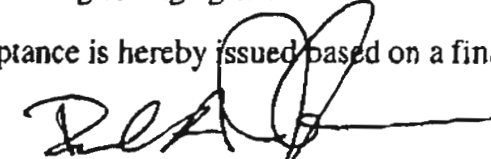
<u>Contract Amount</u>		<u>Contract Time</u>	
Original Contract:	\$ 298,756.00	Effective Contract Date:	04/28/03
Change Order No. 1	\$ (33,161.50)	Original Completion Date:	09/04/03
Change Order No. 2	\$	Original Contract Time:	130 Days
Change Order No. 3	\$	Total Time Extensions:	0 Days
Change Order No. 4	\$	Total Days Allocated:	130 Days
Change Order No. 5	\$	Substantial Completion Date:	N/A
Change Order No. 6	\$	Date Completed:	09/04/03
Change Order No.	\$	Total Days Used:	130 Days
Change Order No.	\$	Percent Over/(Under):	0% Over
Change Order No.	\$		
Change Order No.	\$		
Change Order No.	\$		
FINAL COST:	\$ 265,594.50		
Contract Items Over /(Under):	\$ (33,161.50)		
Percent Over /(Under):	(11%)		


Liquidated Damages: 0 Days at \$ 270.00 per Day = \$ 0.00


CERTIFICATIONS

It is hereby certified that this project has been constructed in accordance with the conformed Plans, Specifications, and related Contract Documents; and it is further certified that all applicable permit work has been inspected and accepted by the permit granting agencies.

The Certificate of Final Acceptance is hereby issued based on a final contract amount of \$ 265,594.50.



 Contractor


 Project Manager


 Owner

Resol. # 2851

ADOPTED: 10-77-03









BR 550 4.1



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

January 15, 2004

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:

This letter is to notify you that construction for the Stumberg Lane SEP Project was completed on September 15, 2003, 181 days prior to the Consent Decree construction completion milestone. Please find attached an executed copy of the Certificate of Final Acceptance. The final contract amount for this project was \$80,367.31, which increases the total estimated construction cost for all Supplemental Environmental Projects to \$345,962 of \$1,125,000.

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.

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) ✓

**East Baton Rouge Sewerage Commission
DEPARTMENT OF PUBLIC WORKS
Wastewater System Improvement Program**

CERTIFICATE OF FINAL ACCEPTANCE

Project Name: Wastewater System Improvement Program
Stumberg Lane Pumping Station & Force Main
Supplemental Environmental Project

Date: November 4, 2003

Contract Number: 03-SEP-05

Area Designation Number: SS5

Account Number: 420.7570403.752400.6120104

Purchase Order No.: PO030763

Contractor: Allen & LeBlanc, LLC

Contract Amount

Contract Time

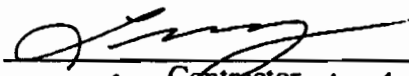
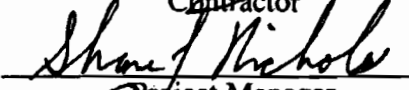
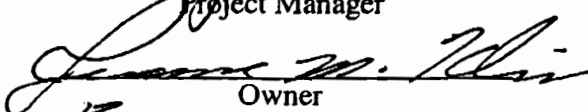
Original Contract:	\$ 79,961.76	Effective Contract Date:	06/18/03
Change Order No. 1	\$ 405.55	Original Completion Date:	09/15/03
Change Order No. 2	\$	Original Contract Time:	90 Days
Change Order No. 3	\$	Total Time Extensions:	39 Days
Change Order No. 4	\$	Total Days Allocated:	129 Days
Change Order No. 5	\$	Substantial Completion Date:	N/A
Change Order No. 6	\$	Date Completed:	10/24/03
Change Order No.	\$	Total Days Used:	129 Days
Change Order No.	\$	Percent Over/(Under):	0% Over
Change Order No.	\$		
Change Order No.	\$		
Change Order No.	\$		
FINAL COST:	\$ 80,367.31		
Contract Items Over/(Under):	\$ 405.55		
Percent Over/(Under):	0.5%		

Liquidated Damages: 0 Days at \$ 140.00 per Day = \$ 0.00

CERTIFICATIONS

It is hereby certified that this project has been constructed in accordance with the conformed Plans, Specifications, and related Contract Documents; and it is further certified that all applicable permit work has been inspected and accepted by the permit granting agencies.

The Certificate of Final Acceptance is hereby issued based on a final contract amount of **\$ 80,367.31**.


Contractor

Project Manager

Owner
R5501.42936
ACCEPTED: 11-25-03

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

1. The City/Parish was not in compliance with the South Treatment Plant LPDES Permit No. LA0036412 AI# 4841 during the reporting period. The South Wastewater Treatment Plant exceeded the permit effluent limits for the weekly average of BOD (mg/l), 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 \$18,500. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

The South WWTP is still experiencing operational difficulties related to snail infestation and failure at four of the eight trickling filter distributor arms, as documented in attachments to this Part F. The snail screen equipment was procured and delivered to the South WWTP, and piping for this equipment will be installed during the first quarter of 2004.

Correcting the failures at the four trickling filters, which are presently out of commission, is not proceeding as smoothly and is falling behind our original projected schedule. As indicated in our status update letter of July 15, 2003, the contractor was authorized to proceed with corrective actions, but had difficulty meeting certain specification requirements. Since then, the contractor has not provided timely shop drawing submittals, has consistently fallen behind the contract schedule, and initial installation of the first set of trickling filter trusses were deemed defective and were rejected (see letter dated December 4, 2003). In numerous letters, we have made clear to the contractor that this project is critical to meeting the requirements of the WWTP permit, and that meeting permit requirements is required by our current consent decree. We anticipate that the South WWTP should be able to operate within permit limits within two to three months after this construction work is complete.

Part F - Consent Decree Compliance Status

	Permit Level	4 th Quarter 2003			Stipulated Penalty		
		Oct.	Nov.	Dec.	# of Occurrences	Per Occurrence	Total
BOD							
7-Day Avg. (mg/l)	45	C	C	53	1	\$1,000	\$1,000
Monthly Avg. (mg/l)	30	36	36	45	3	\$2,500	\$7,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	73	C	C	1	\$2,500	\$2,500
TSS							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	32	36	39	3	\$2,500	\$7,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
TRC							
Daily Avg (mg/l)	0.46	C	C	C			
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$18,500

C-Compliance

- Two unauthorized discharges occurred at the South Wastewater Treatment Plant (SWWTP) and resulted in the release of more than one million gallons during the entire duration. The stipulated penalty identified for this non-compliant activity at the South Plant is \$10,000. Noncompliance was due to a power outage at the SWWTP, in conjunction with an extreme rain event (4 inches of rain in 15 hours), as noted in Part D Reporting of Unauthorized Discharges.

<u>Unauthorized Discharge</u>	4 th Quarter 2003			Stipulated Penalty			
	Oct.	Nov.	Dec.	# of Occurrences	Per Occurrence	Total	
North Plant-LA0036439	C	C	C				
Central Plant-LA0036421	C	C	C				
South Plant-LA0036412	C	2.7M	C	1	\$5,000	\$5,000	
	C	1.4M	C	1	\$5,000	\$5,000	
Total							\$10,000

C-Compliance

- 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 October 19, 2003. 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.

Part F - Consent Decree Compliance Status

Summary of Activities

1. Made a presentation to City of Zachary Council in October on SSO Program overview and impacts to their wastewater master plan (see attachment).
2. Provided information about SSO Program to the public in November in the Mayor – President’s Budget message (see attachment).
3. Maintained progress of contractor replacing failed trickling filters at South WWTP and documented non-performance (see attachment).
4. The fifth quarterly Phase I Water Quality Baseline Monitoring event was conducted on December 30, 2003 (see attachment).

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 10 / 01 / 03 to 12 / 31 / 03. If not, see comments above.

City of Zachary
Council Workshop on Sewer Issues
October 9, 2003
Agenda

- Introduction** Fred Raiford, City/Parish Director of Public Works
- Sanitary Sewer Overflow Program Summary** Bill McHie, MWH
- City of Zachary Sewer Master Plan** Bianca Carambat, PEC
- City/Parish Planning Efforts** Kent Mudd, City/Parish SSO Program Manager
- Funding Presentation** Mark LeBlanc, City/Parish
- Questions** Fred Raiford, City/Parish Director of Public Works

**City of Zachary
Council Workshop on Sewer Issues
SSO Program Summary**

BACKGROUND

- Parish-wide system study 1996-1998 (Parish sewer map)
- Program Goals
 - Public Health / Regulatory Compliance
 - Customer Service
 - Capacity for Growth
 - Horizon Plan Projections
 - City of Zachary Projections
- Existing Problems (flow monitors) and Growth areas (model)
- SSO Program with 3 components
 - Preventive Maintenance
 - Rehabilitation
 - Capital Improvement Projects

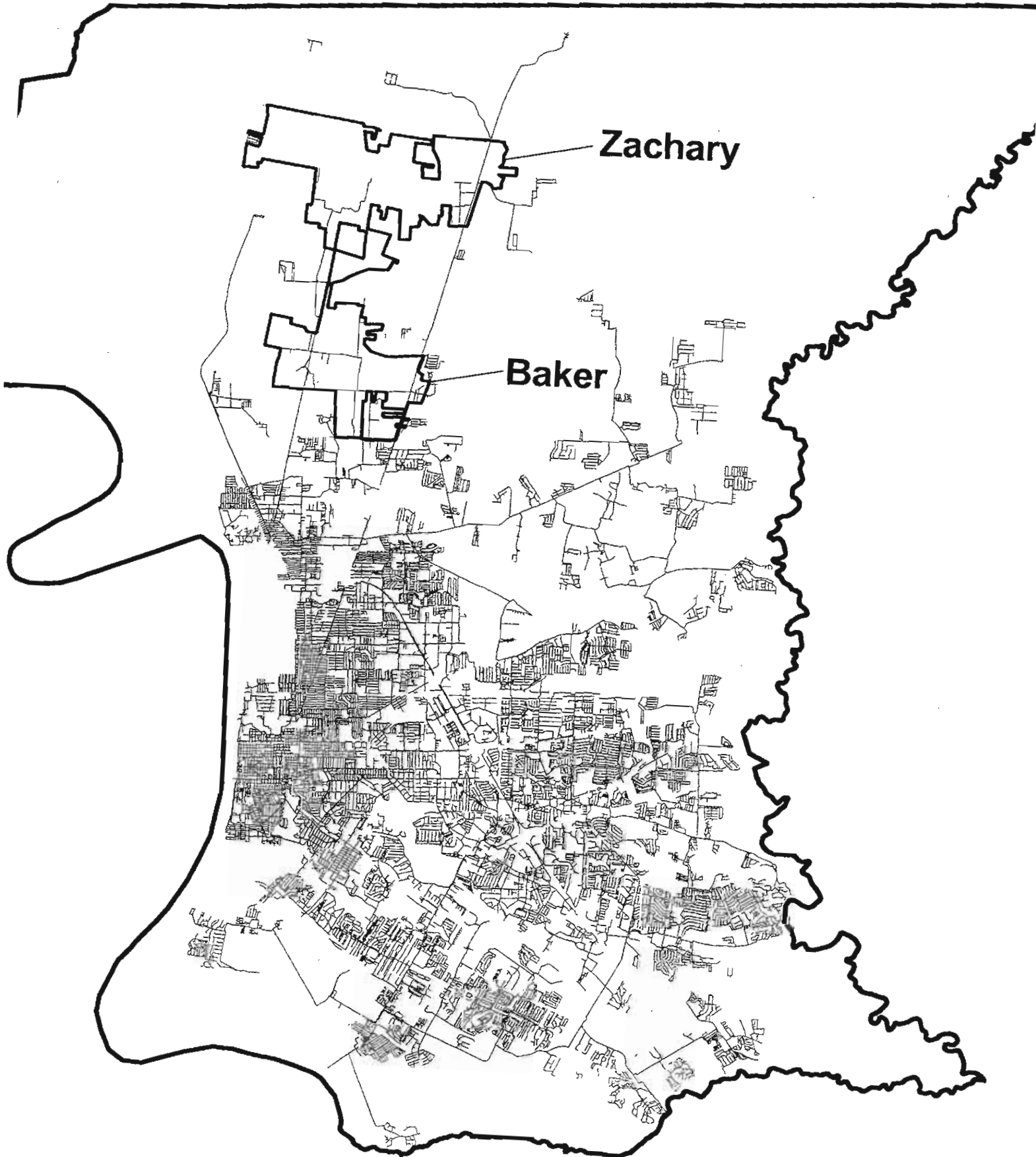
PROJECTS IMPACTING ZACHARY

- PS 65 Modification (divert flow to STN)
- 1 million gallon storage tank along Old Baker Rd. (between Heck Young Rd. and Kirkwood Lane)
- New pump station for storage tank
- Central trunk capacity = 3400 Dwelling Units
- Approximately \$3 to 4 million

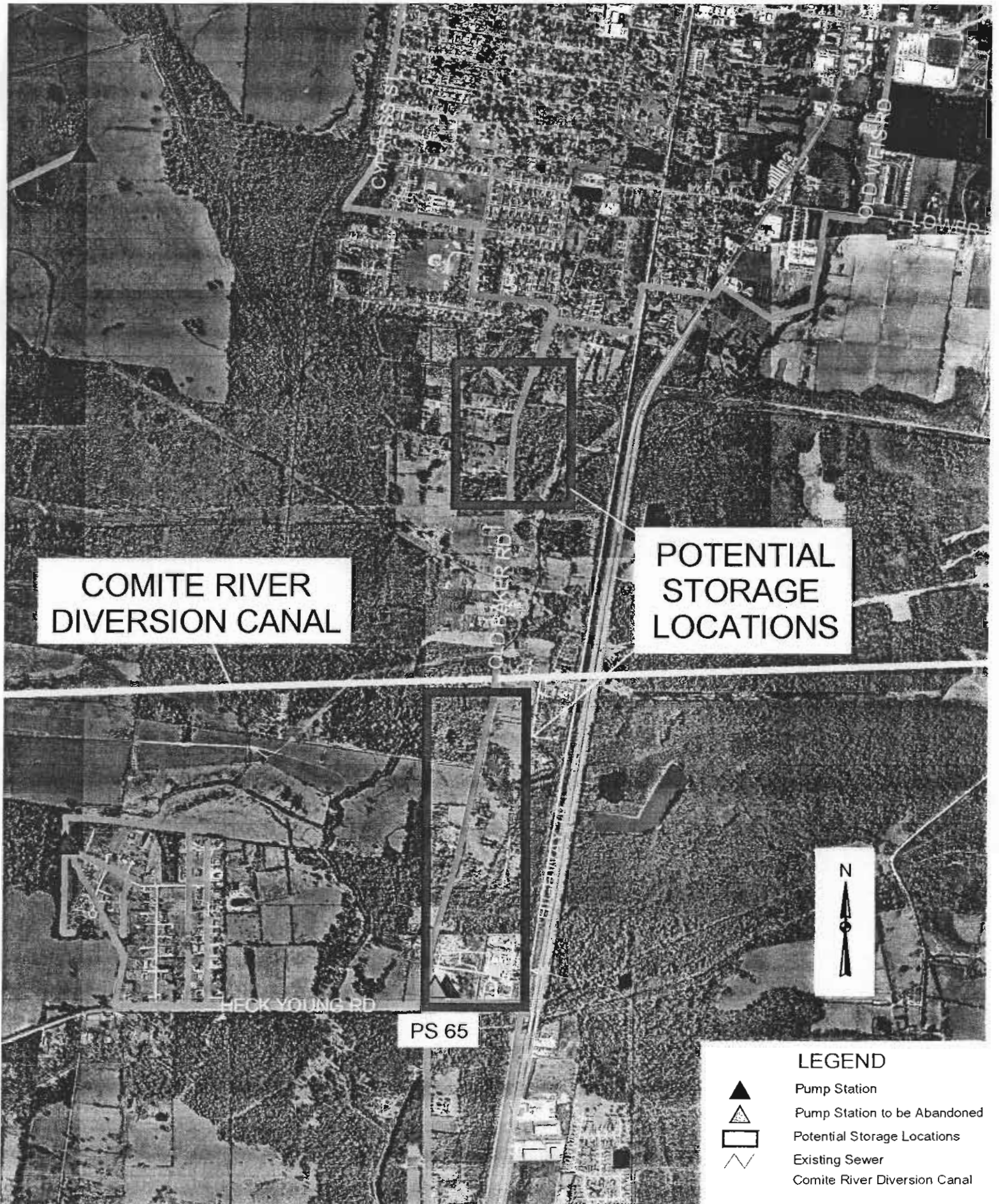
SCHEDULE

- Design Consultant already selected
- Design complete August 2004
- Construction timeframe Nov 04 to Nov 05

East Baton Rouge Wastewater Collection System



SSO Program Proposed Improvements



**City of Zachary
Council Workshop on Sewer Issues
City/Parish Sewer System Planning Efforts**

**Work Completed to Date
Phase I - 350 Dwelling Units**

	Project Cost	City/Parish Impact Fees
Copper Mill Pump Station and Forcemain	\$ 871,000	\$ 635,000
Upsize South Section of Highway 964 Forcemain	\$ 556,000	\$ 277,000
Total	\$ 1,427,000	\$ 912,000

**Future Upgrades to Accommodate Near-Term Growth
Phase II - 1,350 Total Dwelling Units**

	Project Cost
Pump Station / Forcemain Upgrades	\$ 650,000

**Future Upgrades to Accommodate Near-Term Growth
Phase III - 2,400 Total Dwelling Units**

	Project Cost
Pump Station / Forcemain Upgrades	\$ 2,450,000

**Potential Upgrades to Accommodate Future Growth
Up to 4,200 Dwelling Units**

	Project Cost⁽¹⁾
Extend Service to Highway 64	\$ 475,000
Extend Service from Highway 64 to Flonacher Road	\$ 325,000
Extend Service from Flonacher Road to Rollins Road	\$ 300,000
Extend Service from Rollins Road to Port Hudson / Pride	\$ 200,000
Extend Service from Port Hudson / Pride to Ligon Road	\$ 450,000
Total	\$ 1,750,000
 Booster Pump Station	 \$ 2,000,000

⁽¹⁾ Exclusive of subdivision pump stations






Improvements Completed to Date Phase 1 - 350 Dwelling Units



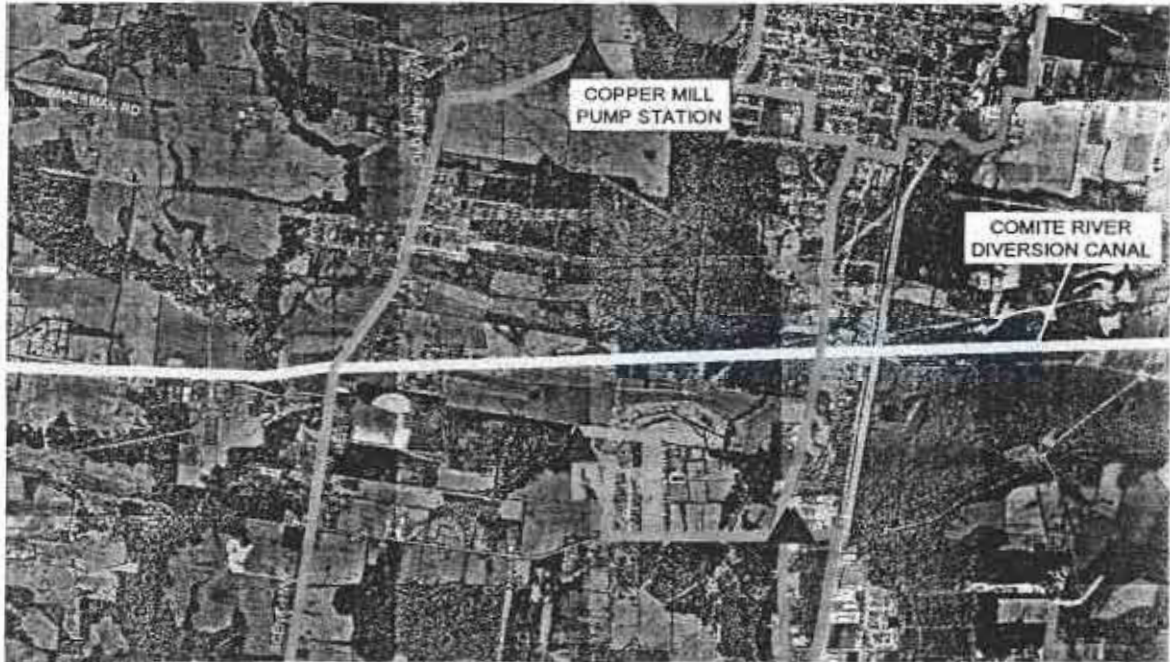
	Project Cost	City/Parish Impact Fees
Copper Mill Pump Station and Forcemain	\$ 871,000	\$ 635,000
Upsize South Section of Highway 964 Forcemain	\$ 556,000	\$ 277,000
Total	\$ 1,427,000	\$ 912,000



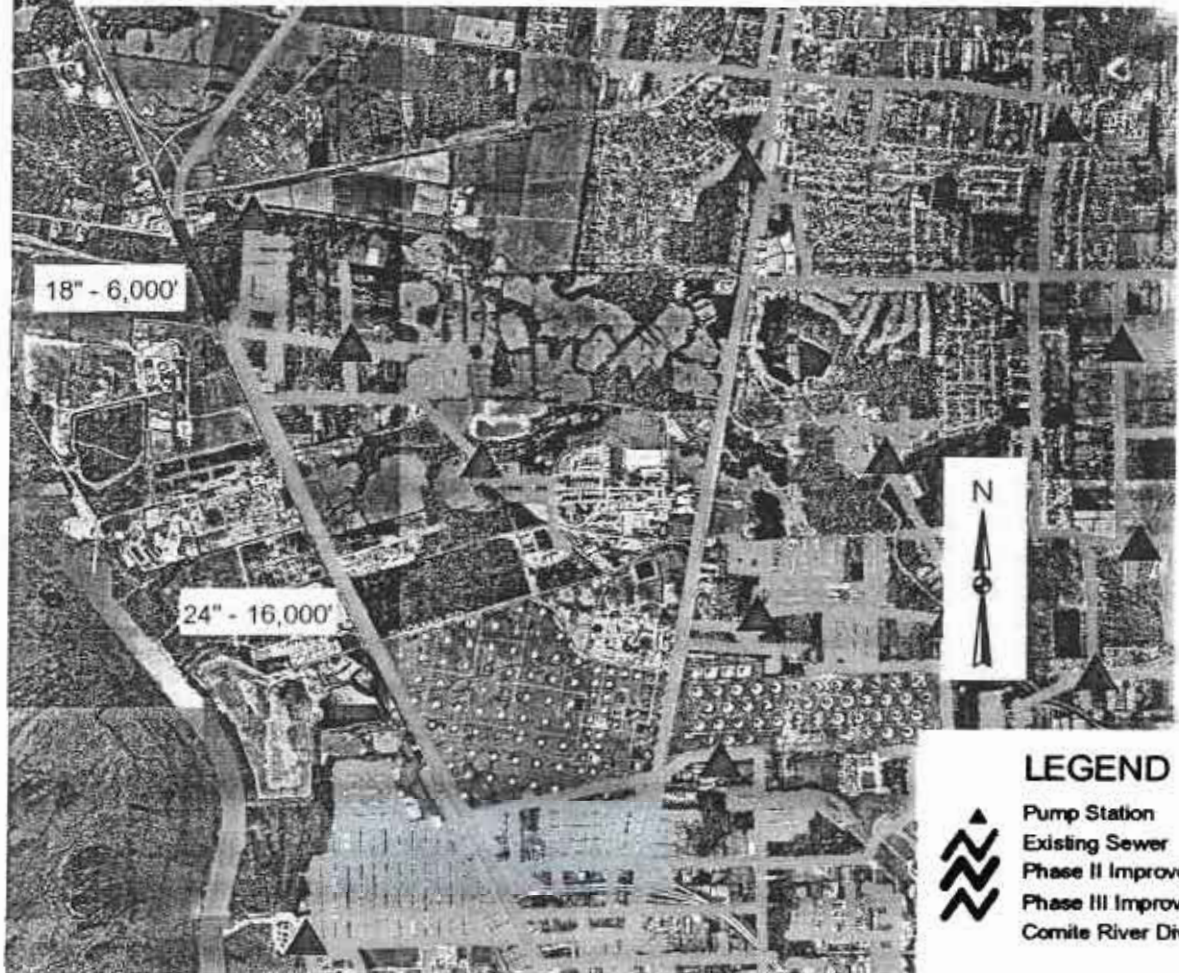
LEGEND

-  Pump Station
-  Existing Sewer
-  Improvements by City/Parish
-  Improvements by Zachary & City/Parish
-  Comite River Diversion Canal

Future Upgrades to Accommodate Growth Phases II & III - 1,350 to 2,400 Dwelling Units



Project Cost	
Phase II Pump Station / Forcemain Upgrades	\$ 650,000
Phase III Pump Station / Forcemain Upgrades	\$ 2,450,000

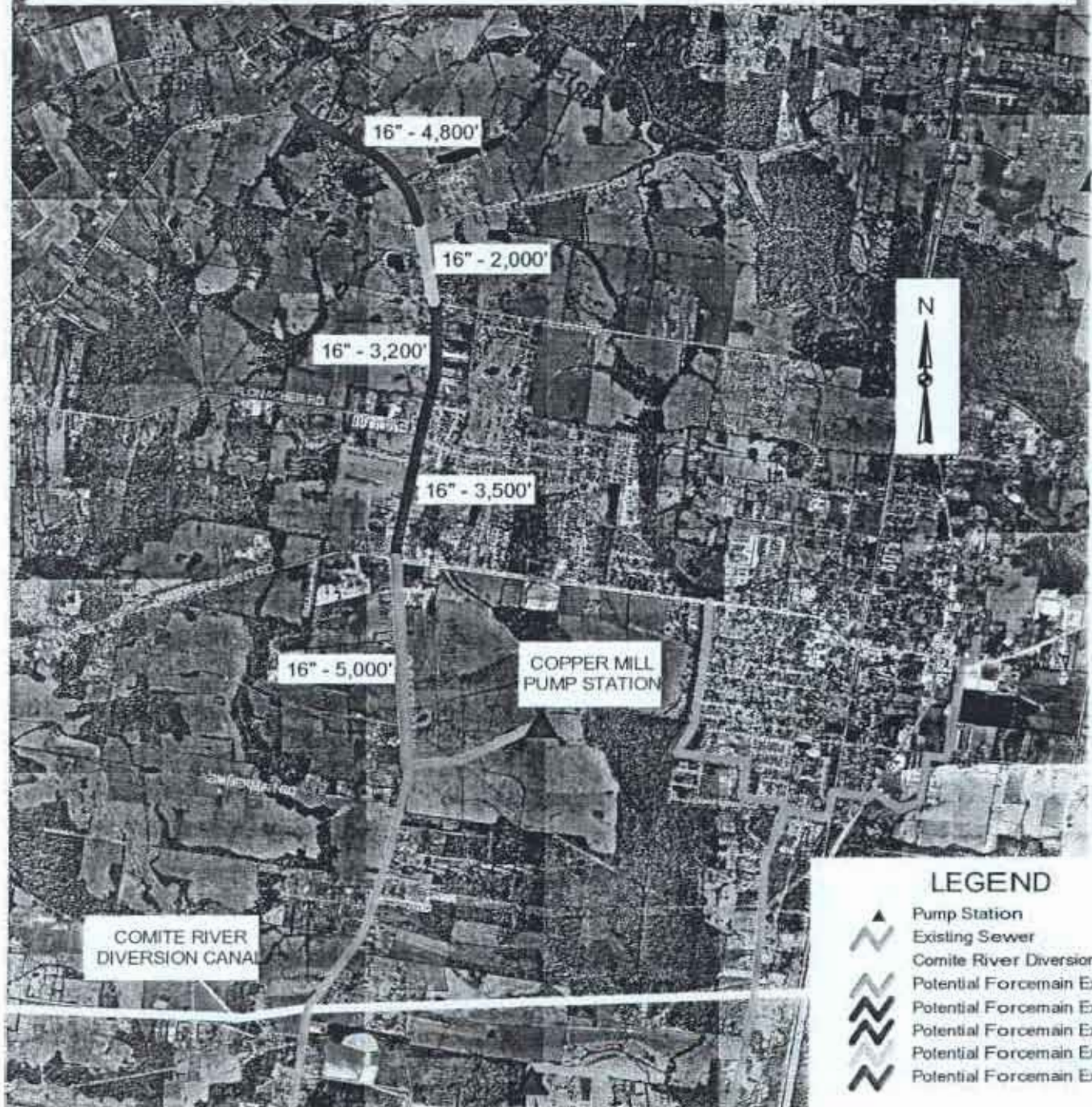


LEGEND

- Pump Station
- Existing Sewer
- Phase II Improvements
- Phase III Improvements
- Comite River Diversion Canal

Potential Upgrades to Accommodate Future Growth Approximately 4,200 Dwelling Units

	Project Cost *
Extend Service to Highway 64	\$ 475,000
Extend Service from Highway 64 to Flonacher Road	\$ 325,000
Extend Service from Flonacher Road to Rollins Road	\$ 300,000
Extend Service from Rollins Road to Port Hudson / Pride	\$ 200,000
Extend Service from Port Hudson / Pride to Ligon Road	\$ 450,000
Total	\$ 1,750,000
Booster Pump Station	\$ 2,000,000
* Exclusive of subdivision pump stations	



- LEGEND**
- Pump Station
 - Existing Sewer
 - Comite River Diversion Canal
 - Potential Forcemain Extension 1
 - Potential Forcemain Extension 2
 - Potential Forcemain Extension 3
 - Potential Forcemain Extension 4
 - Potential Forcemain Extension 5

BUDGET MESSAGE FROM THE MAYOR-PRESIDENT

November 5, 2003

Honorable Members of the Metropolitan Council
and the People of Baton Rouge:

By means of this letter, I present to you the 2004 City of Baton Rouge and Parish of East Baton Rouge *Annual Operating Budget*. An intentional focus in the preparation of this budget has been to identify recurring funds to provide pay raises for our most valuable resource, our employees.

Two excellent consultants have been engaged to review and make recommendations regarding salaries, benefits, staffing, performance evaluations and, in particular, our health care benefits program. MGT of America has conducted an exhaustive study of compensation, including benefits, and Milliman USA has made recommendations in the area of health benefits and our self-insured health plan. When the work of those consultants is complete, I will present a revised compensation plan for implementation in April of 2004, funded by the combination of revenue growth and funds saved from health care modifications.

Along with last year's *Annual Operating Budget*, I reported on the work of the Mayor's Committee on Revenues and Expenditures (MCORE). That Committee has met long and faithfully and produced a report containing 59 outstanding recommendations for use in achieving efficiency, effectiveness, and excellence in the function of this government. I recently reported back to that Committee that, within nine months, 16 of the recommendations have been completed or fully implemented. Thirty more recommendations are being implemented or reviewed for purposes of implementation, five will be reviewed in the future, and the remaining eight require State Constitution, statutory, local ordinance or *Plan of Government* changes of such magnitude as to be unworkable at the present time.

Perhaps the most positive outcome of the MCORE Committee was that local business, community, and public sector leaders worked side-by-side with government in shaping new strategies to build a stronger, more efficient City. Similarly, Baton Rouge's first Canvas Workshop, a trip to study Austin, Texas, gave 120 men and women the opportunity to learn what has worked and what has failed in this progressive southern city. The team listened intently as presenters discussed both the successes and challenges of Austin's significant economic and physical development in recent years. The most important result of this exciting trip was the synergy that occurred among the Baton Rouge team. Each member returned with a renewed commitment to apply the successes we learned in Austin and to elevate, instead of doubting, our own resources and potentials.

The economy and the energy of Baton Rouge are strong and are growing stronger as evidenced by developments in the downtown area, the emergence of new and expanded businesses throughout the Parish and the four-parish Metropolitan Statistical Area, and the revitalization of aging areas of our community. Partnering with private, state, and federal entities is proving to be the kind of winning strategy that will propel Baton Rouge to become a place ranking regionally and nationally as an excellent place for individuals and families to work, play, enjoy life, and do business.

By adopting this budget, the Metropolitan Council will be continuing the very sound fiscal policies that have been successfully utilized for the past three years, while funding and empowering the talented and dedicated staff of this City-Parish government to continue and improve the delivery of services of the highest quality to the individual and corporate

BUDGET MESSAGE FROM THE MAYOR-PRESIDENT

<u>Department/Program</u>		<u>Department Total</u>
Capital Outlay	<u>193,450</u>	<u>1,750,000</u>
TOTAL FROM FUND BALANCE UNDESIGNATED		<u>\$3,250,000</u>
FROM GAMING REVENUES:		
Downtown Streetscape - Shaw Center for the Arts		<u>\$662,500</u>

Special Funds

Approximately 42.7% of spending authorized in this budget relates to the budgets for general operations, or the General Fund. The remaining 57.3% pertains to smaller budgets for special operations or activities. The most common reason for having separate budgets for these activities is that revenues supporting them are legally dedicated to a specific purpose.

SPECIAL REVENUE FUNDS

The 2004 budgets for Special Revenue Funds increased by \$8,924,900 or 8.27% from the 2003 funding level of \$107,969,100. This is primarily the result of an increase in funding for capital improvements within the library system which is discussed later in the message.

DEBT SERVICE FUNDS

Debt service requirements for 2004 decreased by \$1,124,950 as compared to the prior year. This is the result of a decrease in funding needed for the loan from the Louisiana Community Development Authority. In 2003, a \$1.5 million repayment was made from grant proceeds. For more information on our debt practice, please refer to the "Debt Management" section of this budget.

CAPITAL PROJECT FUNDS

The *Annual Operating Budget* includes capital projects that are funded on a pay-as-you-go basis, other than those financed through Enterprise Funds. Capital improvements funding for the library system will increase by \$9.55 million due to an allocation of \$11.2 million for the new main Library.

General Capital Expenditure Fund

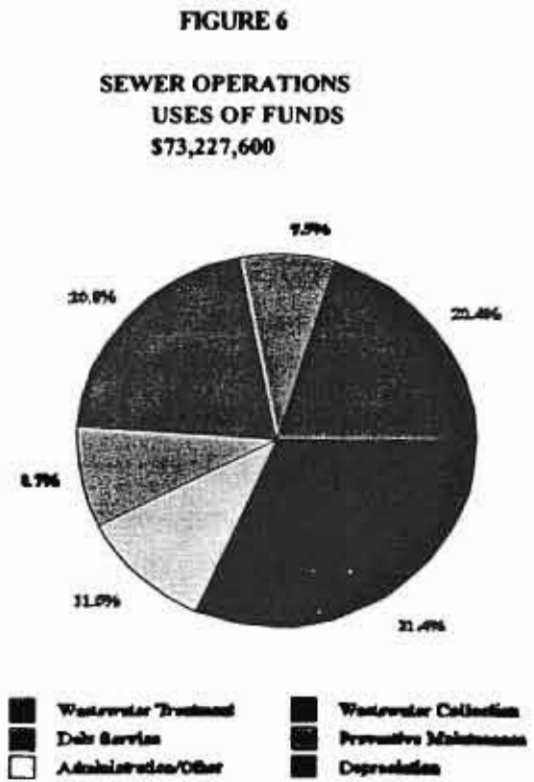
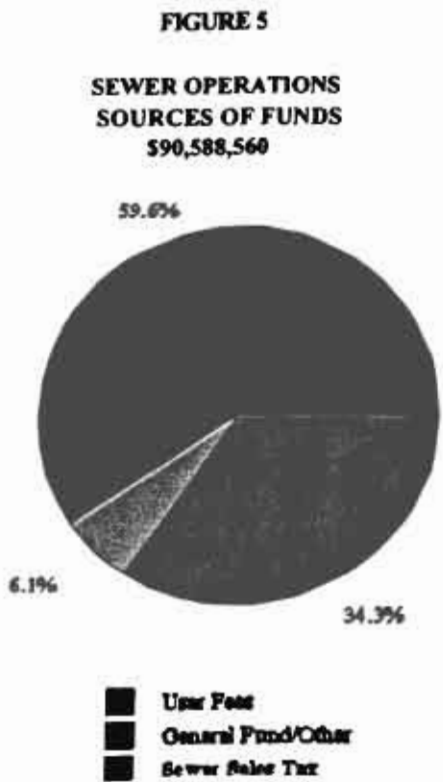
The 2004 budget continues our investment in infrastructure improvements and capital equipment with an appropriation of \$2,774,240 funded from our General Fund surplus. This includes \$1,000,000 for the replacement of 50 police vehicles; \$1,250,000 for major building improvements, including new HVAC systems in several buildings; \$306,550 for miscellaneous street and road improvements; \$45,000 for computer hardware and furnishings in DPW; \$155,000 for the replacement of ten vehicles for Fire; and \$17,690 for computer hardware for City Court.

ENTERPRISE FUNDS

Comprehensive Sewerage System Fund

The Comprehensive Sewerage System Fund is the largest of the Special Funds. Operations of the sewer system are funded from four main revenue sources. These include a one-half percent sales and use tax, sewer user fees, sewer impact fees, and a \$4 million subsidy from the General Fund supported from gaming revenues. These financial resources provide for the operation and maintenance of the parish-wide system, which includes three major treatment plants and over 2,000 miles of sewer lines.

Total financial resources for the sewer system operating budget and the uses of these funds are illustrated in Figures 5 and 6. The General Fund/Other category includes the General Fund subsidy, interest earnings, and other miscellaneous fees. Any excess sources are transferred to the Sewer Capital Improvements Program.



CAPITAL IMPROVEMENTS

We are in the process of completing or implementing a number of major capital improvements in our parish, with some very significant projects beginning this fiscal year. Details of these items can be found in the section of the budget entitled "Capital Improvement Programs." However, I would like to provide an update on some of these major projects or programs.

SEWER CAPITAL IMPROVEMENT PROGRAM

On March 14, 2002, the City-Parish entered into a new consent decree with the United States Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (DEQ) relative to wastewater improvements in East Baton Rouge Parish. This new consent decree replaced the original consent decree that East Baton Rouge Parish was administered under since 1988. This new consent decree requires the City-Parish to make various wastewater treatment plant and sanitary sewer infrastructure improvements in order to reduce sanitary sewer overflows in the sewer collection system and meet wastewater discharge permit requirements under wet weather conditions. This consent decree also prevented the EPA from imposing potential penalties of \$43 million on the City-Parish and allows until December 31, 2014, for completion of the Sewer Capital Improvements Program. Additionally, the execution of this consent decree by all parties avoided a protracted and expensive lawsuit.

Program Description

The objective of the Sanitary Sewer Improvement Program, and in particular the Sanitary Sewer Overflow (SSO) Corrective Action Plan, is to identify the most cost-effective methods of controlling overflows in the sewer collection system, while providing continuous service to all existing customers and potential future customers. Once implemented, this program will provide the City-Parish with the ability to protect public health through the control of sanitary sewer overflows, improve customer service, provide capacity for future growth, and implement a long-term maintenance program to protect existing and future capital investments. Goals of this program include:

- Protecting the public health through the control of sanitary sewer overflows, back-ups, and stoppages, thereby keeping sewage out of homes, yards, streets and drainage ditches.
- Reducing potential claims against the City-Parish resulting from sewer backups, overflows, and stoppages.
- Insuring compliance with national, state, and local requirements including EPA Region Six and Louisiana DEQ policies.
- Developing and maintaining a comprehensive computerized hydraulic sewer model of the sanitary sewer gravity collection system and the pressurized sewer transmission system for the purpose of assessing the capacity of the system and evaluating corrective actions and future capacity requirements.
- Reducing peak wet-weather flow factors in a cost-effective manner through the development of inspection procedures and design criteria for sewer rehabilitation, relief sewers, and new sewer construction.
- Developing and implementing procedures for inspecting and ranking sewers in need of rehabilitation.
- Determining the cost effectiveness of current and future sewer and manhole rehabilitation projects through the collection of pre-rehabilitation and post-rehabilitation flow data.
- Resolving dry- and wet-weather flow issues in order to provide sewer and wastewater treatment capacity for future growth.

BUDGET MESSAGE FROM THE MAYOR-PRESIDENT

A comprehensive financing model has been developed and is being utilized by the Finance Department to manage the Sanitary Sewer Improvement Program. A 10% sewer user fee increase went into effect on January 1, 2003, and an annual 4% user fee increase will be levied thereafter for the life of the program. However, the City-Parish will continue to seek low interest loans, and federal and state grants to reduce program costs.

This program will have a cost in excess of \$600 million over a 13-year period. It will be a major stimulant to our economy and produce numerous jobs in the construction industry and businesses supportive of this industry.

This budget will fund the following programs:

- Operations and Maintenance - Continue the preventive maintenance program. The *2004 Annual Operating Budget* will provide \$4,398,000 for this program. Of this amount, \$1,998,000 will be dedicated for repair and maintenance of treatment plant and pump station equipment, and \$400,000 will be used for the wet well maintenance program.
- Sewer Rehabilitation - Continue the on-going program to rehabilitate existing sewer infrastructure in selected areas. Emphasis has been placed on the inspection of sewers to determine priorities of needs, concentrating on structural rehabilitation, and the establishment of a cycle of inspection and renewal/replacement. The budget provides \$3,000,000 to fund this program.
- Emergency Sewer Point Repair Program - This year's budget appropriates \$2,000,000 to continue this high priority sewer repair program.
- Supplemental Environmental Projects - In order to reduce the penalty stipulated in the new consent decree, the City-Parish agreed to perform certain environmentally beneficial projects. The agreed upon projects by EPA and DEQ consisted of tying eight areas that had a septic tank effluent sewer collection system into the City-Parish sewerage system. Under this project, the Donwood and Oak Manor Subdivisions and a portion of Stumberg Lane were connected to the City-Parish system in October of 2003. The remaining five subdivisions are Sharon Hills, Cedar Glen, Pleasant Hills (Section 1), Pleasant Hills (Section 3), and Green Acres. They will be connected to the City-Parish system in June, 2004. A budget of \$1.4 million has been provided to fund the engineering design and construction for these projects.
- Capital Improvements - The major thrust of the consent decree requires the City-Parish to upgrade its sewerage system to avoid or reduce sanitary sewer overflows in wet weather events and to insure compliance with the Clean Water Act. The City-Parish has determined that the most cost-effective method to accomplish this goal is not only to properly operate and maintain the current sewerage system for maximum efficiency, but also to either upgrade or construct additional conveyance, treatment or holding facilities where system deficiencies occur. Some 17 projects will be under design and 15 projects will be under construction next year. Major projects under design are the South and Central tunnels and tunnel pump stations. Construction of relief sewers and pump station upgrades will occur in the Lake Sherwood Acres and Industriplex areas. The total cost for the design and construction of these 2004 projects will be approximately \$40 million.

BUDGET MESSAGE FROM THE MAYOR-PRESIDENT

permitting and inspection, and citizens' requests for services.

We currently have the ability to process sales tax remittances, traffic ticket payments, and citizens' requests for services online. By the end of 2003, all five process will be available online. The Automated Citizen Information System will provide citizens with information about services and answers to questions about departments within the government. This system will be accessible through the Internet or over the telephone. All of these services will be available 24 hours a day, 7 days a week.

We strive to provide our citizens with online services that will provide them the opportunity to interact with City-Parish government agencies at their convenience. In the coming year, existing online services will be enhanced and additional services will be provided.

DISTINGUISHED BUDGET PRESENTATION

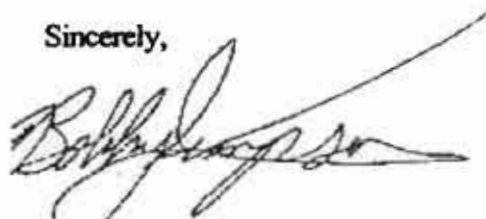
The Finance Department received the "Distinguished Budget Presentation Award" from the Government Finance Officers Association (GFOA) of the United States and Canada for the *2003 Annual Operating Budget*. This national award is the highest professional recognition in governmental budgeting. To receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, an operations guide, a financial plan, and a communications device. This is the 13th year in a row that the division has received this award. Employees of the Finance Department have repeatedly demonstrated that they have the highest commitment to quality in the services they provide to their customers. I commend their superior performance.

CONCLUSION

Government and its leadership are constantly confronted with challenge and opportunity. I am confident that we will jointly meet the challenges that face us and take full advantage of the opportunities before us.

The social and financial resources of this City and Parish, when combined with the work and dedication of ourselves and our employees, can and will produce a community that leads regionally and nationally in the quality and standard of living of its people. This is both our challenge and our opportunity.

Sincerely,



Bobby Simpson
Mayor-President



DEPARTMENT OF PUBLIC WORKS
Sewer Division
City of Baton Rouge and Parish of East Baton Rouge
329 Chippewa Street
Baton Rouge, LA 70805-7686

October 9, 2003

Mr. Paul Noia
Project Manager
Cajun Constructors, Inc.
P.O. Box 104
Baton Rouge, La 70821-0104

Re: Rehabilitation of Trickling Filter Rotary Distributors
South Treatment Plant
Project No. 02-WWT-02

Dear Mr. Nola:

This is a follow-up to the Request for Information No. 1 dated September 8, 2003 concerning the control panels for the above captioned project. A response was faxed to you on September 11, 2003. Since that time there has been no submittals concerning the control panels and/or electrical system. Although the submittal for the trickling filter rotary distributor was approved as noted on August 25, 2003, the electrical system was not a part of that submittal and we are concerned that this project will not be completed on time.

No updated schedule has been received showing when work will begin at the site or the anticipated completion date. There are 41 calendar days remaining in the contract time. Again, you are reminded that to date, 199 calendar days have passed or 82.9% of the contract time has been used with 0% of the project completed. Should you fail to complete the work within the contract time, as extended, liquidated damages in the amount of two hundred seventy dollars (\$270.00) per day will be assessed in accordance with the Contract Documents. Completion of this project is critical to our meeting the requirements of our discharge permit, which is also a requirement of the Consent Decree.

If you have any questions concerning this matter, please contact me at telephone 225-389-3154.

Sincerely,

Richard P. Wright, P.E.
Wastewater Engineer

cc: Mr. Fred E. Ralford, III
Mr. Jerome M. Klier, P.E.
Mr. Kent A. Mudd, P.E.
Mr. Charles B. Woodruff, P.E.
Mr. Jim Thompson
Liberty Mutual Insurance Company



DEPARTMENT OF PUBLIC WORKS
Sewer Division
City of Baton Rouge and Parish of East Baton Rouge
329 Chippewa Street
Baton Rouge, LA 70805-7686

October 20, 2003

Mr. Paul Nola
Project Manager
Cajun Constructors, Inc.
P.O. Box 104
Baton Rouge, La 70821-0104

**Re: Rehabilitation of Trickling Filter Rotary Distributors
South Treatment Plant
Project No. 02-WWT-02**

Dear Mr. Nola:

This is in response to your October 10, 2003 letter indicating that your records show that you have not received the Notice To Proceed for the above captioned project. Attached for your information and files is a copy of the Notice To Proceed dated March 20, 2003.

Please be advised that we are concerned that this project will not be completed on time. There are now 30 calendar days remaining in the contract time. Again, you are reminded that to date, 210 calendar days have passed or 87.5% of the contract time has been used with 0% of the project completed. Should you fail to complete the work within the contract time, as extended, liquidated damages in the amount of two hundred seventy dollars (\$270.00) per day will be assessed in accordance with the Contract Documents. Completion of this project is critical to our meeting the requirements of our discharge permit, which is also a requirement of the Consent Decree.

If you have any questions concerning this matter, please contact me at telephone 225-389-3154.

Sincerely,

Richard P. Wright, P.E.
Wastewater Engineer

Attachment

cc: Mr. Fred E. Raiford, III
Mr. Jerome M. Klier, P.E.
Mr. Kent A. Mudd, P.E.
Mr. Charles B. Woodruff, P.E.
Mr. Jim Thompson
Liberty Mutual Insurance Company



DEPARTMENT OF PUBLIC WORKS
Sewer Division
City of Baton Rouge and Parish of East Baton Rouge
329 Chippewa Street
Baton Rouge, LA 70805-7686

November 20, 2003

Mr. Paul Nola
Project Manager
Cajun Constructors, Inc.
P.O. Box 104
Baton Rouge, La 70821-0104

Re: Rehabilitation of Trickling Filter Rotary Distributors
South Treatment Plant
Project No. 02-WWT-02

Dear Mr. Nola:

This is to acknowledge your November 4, 2003 letter requesting a contract time extension of 81 calendar days. This request is currently being reviewed and discussed within the Department. You will be notified as soon as a decision is reached.

If any additional contract time is awarded, then a Change Order will be prepared for your signature and Council action. Contract time cannot be extended without Metropolitan Council approval.

The original contract time called for construction to be complete on or before November 19, 2003. Therefore, you are to be assessed liquidated damages in the amount of two hundred seventy dollars (\$270.00) per day in accordance with the Contract Documents if your request is denied. You are reminded that completion of this project is critical to our meeting the requirements of our discharge permit, which is also a requirement of the Consent Decree.

If you have any questions concerning this matter, please contact me at telephone 225-389-3154.

Sincerely,

A handwritten signature in cursive script that reads "Richard P. Wright".

Richard P. Wright, P.E.
Wastewater Engineer

cc: Mr. Fred E. Raiford, III
Mr. Jerome M. Klier, P.E.
Mr. Kent A. Mudd, P.E.
Mr. Charles B. Woodruff, P.E.
Mr. Jim Thompson
Liberty Mutual Insurance Company



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

December 4, 2003

RECEIVED

DEC 08 2003

Sewer Operations
General Administration

Mr. Paul Nola
Project Manager
Cajun Constructors, Inc.
P.O. Box 104
Baton Rouge, La 70821-0104

**Re: Rehabilitation of Trickling Filter Rotary Distributors
South Treatment Plant
Project No. 02-WWT-02**

Dear Mr. Nola:

This is in reference to the recent start of the twenty-one (21) day run test of the distribution arms for Trickling Filters No. 5 & 7 on the above captioned project. It has been brought to my attention that shortly after being loaded, truss members deformed and failed. The test was stopped at that time. Attached for your information is a copy of photographs taken during and following the test showing the deformed truss members.

These trusses are deemed defective and are rejected. In accordance with the Standard Specifications, these defective materials shall be removed from the site. No rejected material, the defects of which have been corrected, shall be used without approval.

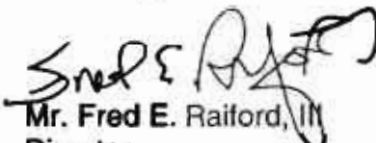
Corrective action being undertaken at the present time is at your own risk. Recommended corrective actions submitted by DBS Manufacturing are not signed and stamped by a Louisiana registered engineer as required by the contract documents. You are directed to provide this office with signed and sealed drawings of the corrective action to be taken and a schedule of anticipated completion for this project.

You are reminded that the original contract time expired on November 19, 2003 and that unless additional time is granted in response to your November 4, 2003 request, you are in default of your contract and will be assessed liquidated damages in the amount of two hundred seventy dollars (\$270.00) per day. You are also reminded that completion of this project is critical to our meeting the requirements of our discharge permit, which is also a requirement of the Consent Decree.

Mr. Nola
December 4, 2003
Page 2 of 2

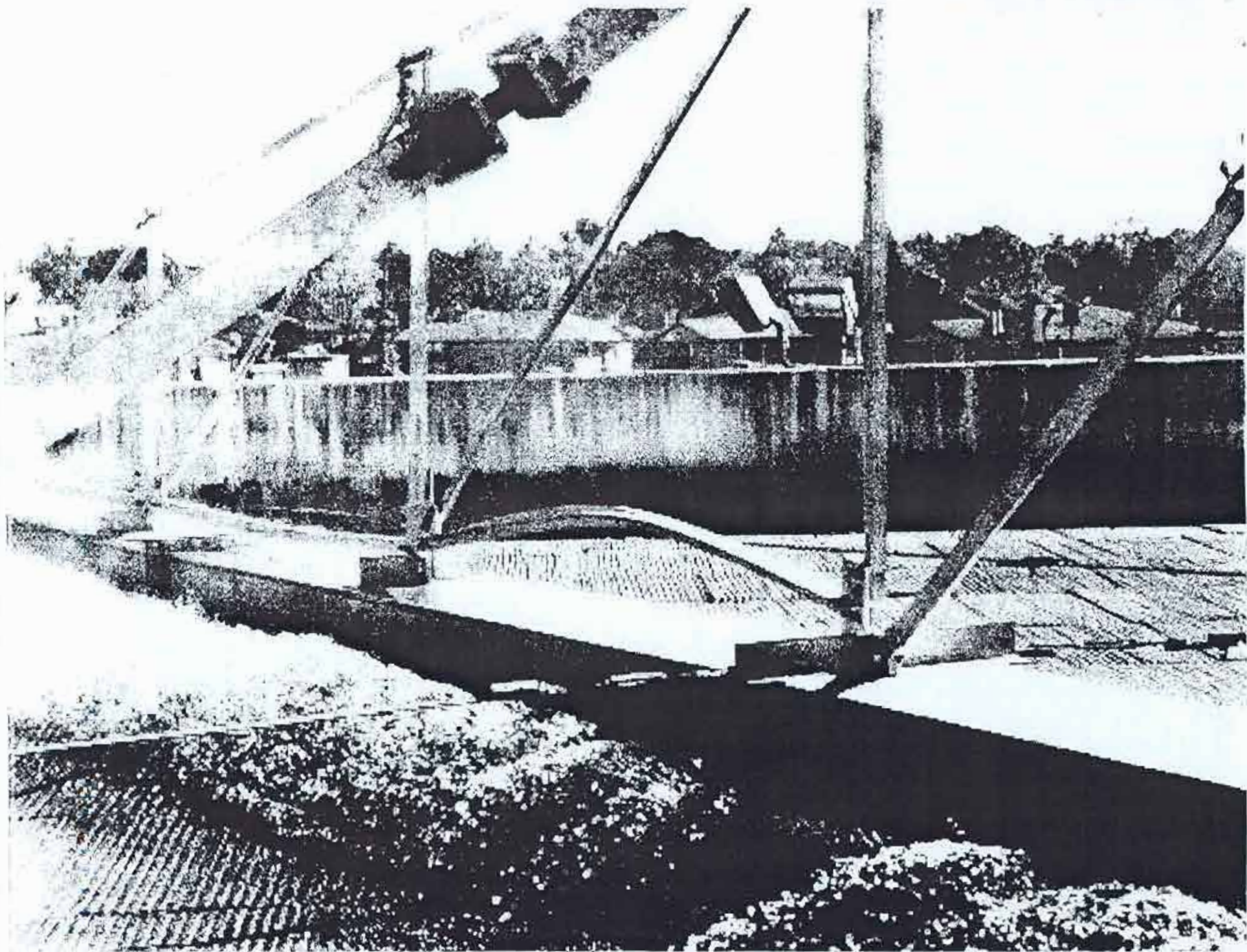
If you have any questions concerning this matter, please contact me at telephone
225-389-3158.

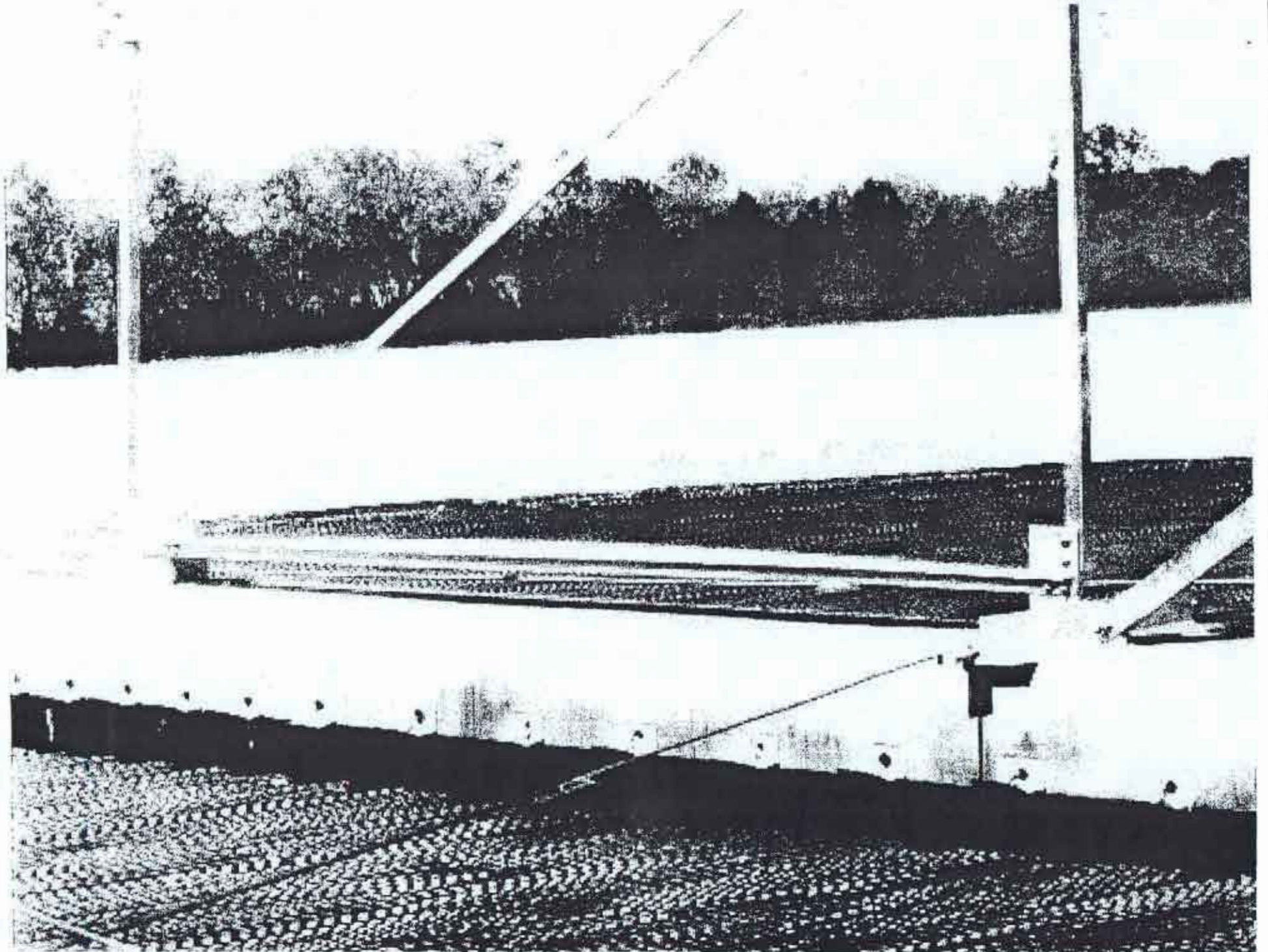
Sincerely,

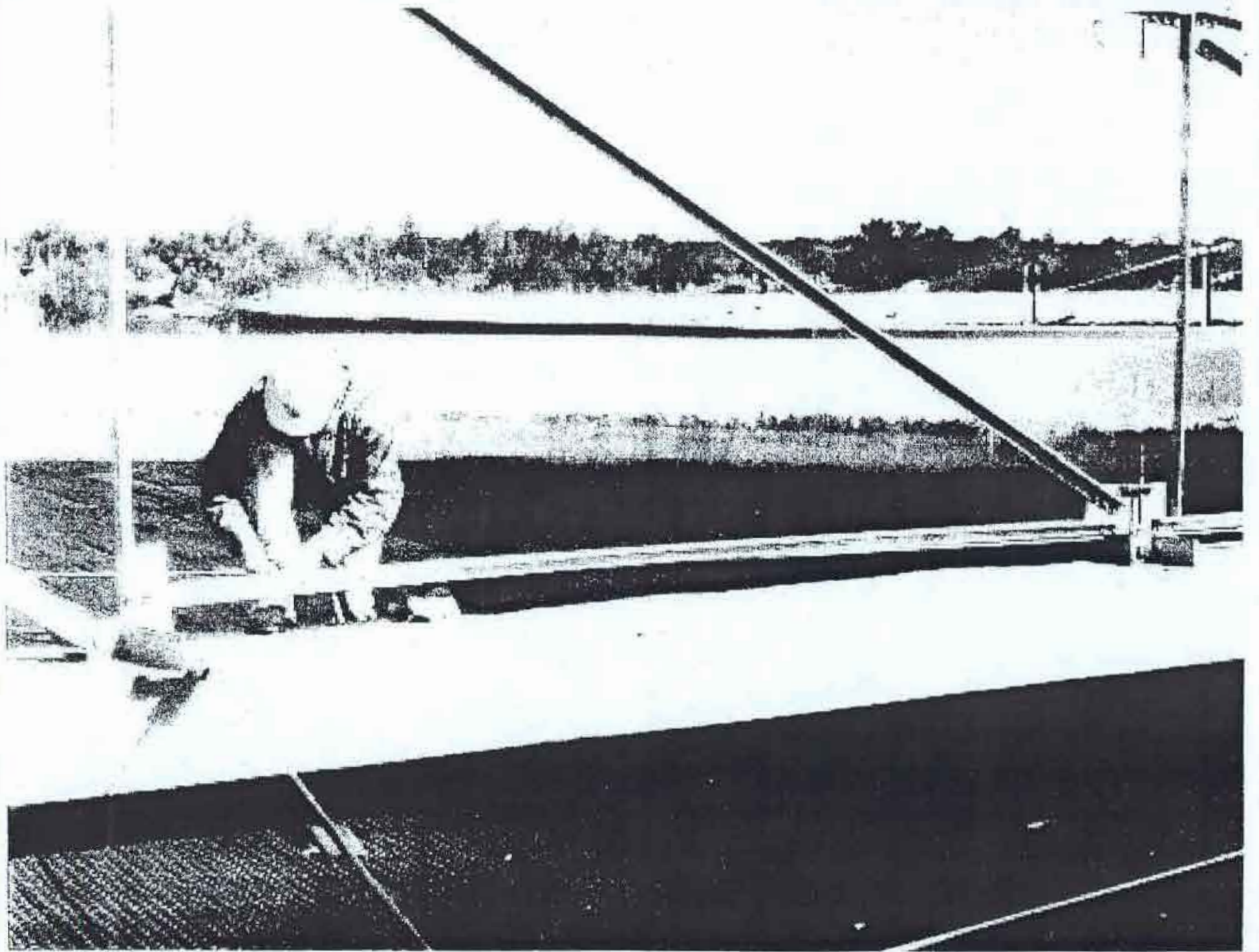

Mr. Fred E. Raiford, III
Director

Attachments

cc: Mr. Jerome M. Klier, P.E.
Mr. Jeff Broussard, P.E.
Mr. Kent A. Mudd, P.E. ✓
Mr. Richard P. Wright, P.E.
Mr. Charles B. Woodruff, P.E.
Mr. Jim Thompson
Mr. J. L. Martin
Liberty Mutual Insurance Company









DEPARTMENT OF PUBLIC WORKS
Sewer Division
City of Baton Rouge and Parish of East Baton Rouge
329 Chippewa Street
Baton Rouge, LA 70805-7686

December 5, 2003

Mr. David Abrusley
Assistant Project Manager
Cajun Constructors, Inc.
P.O. Box 104
Baton Rouge, La 70821-0104

Re: Rehabilitation of Trickling Filter Rotary Distributors
South Treatment Plant
Project No. 02-WWT-02

Dear Mr. Nola:

This is in response to your November 25, 2003 letter requesting a contract time extension of 1 calendar day. This request is due to the fact that Cajun was not allowed to start their twenty-one (21) day run test of the rehabilitated trickling filters until November 28 instead of November 27, 2003.

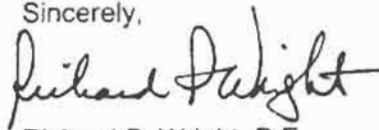
As you stated in your letter, Mr. Hugh Taylor at the South Wastewater Treatment Plant informed you that due to the Thanksgiving Day holiday the required plant personnel would not be on site that day. But the staff would be available for you to start your test on November 28, 2003, also a City-Parish holiday. The Standard Specifications state that no construction work shall be performed on Sundays or holidays without the permission of the engineer. You were allowed to work on a holiday when the plant was fully staffed.

Therefore, your request is denied. The original contract time called for construction to be complete on or before November 19, 2003. Therefore, you are to be assessed liquidated damages in the amount of two hundred seventy dollars (\$270.00) per day in accordance with the Contract Documents pending the resolution of your previous request for an eighty-one (81) calendar day extension. You are reminded that completion of this project is critical to our meeting the requirements of our discharge permit, which is also a requirement of the Consent Decree.

Mr. Abrusley
December 5, 2003
Page 2 of 2

If you have any questions concerning this matter, please contact me at telephone 225-389-3154.

Sincerely,

A handwritten signature in black ink that reads "Richard P. Wright". The signature is written in a cursive style with a large, prominent "R" and "W".

Richard P. Wright, P.E.
Wastewater Engineer

cc: Mr. Fred E. Raiford, III
Mr. Jerome M. Klier, P.E.
Mr. Kent A. Mudd, P.E.
Mr. Charles B. Woodruff, P.E.
Mr. Jim Thompson
Liberty Mutual Insurance Company

MEMORANDUM



MWH
MONTGOMERY WATSON HARZA

To: Kent Mudd
Date: January 26, 2004
cc: Bill McHie
File No. SSO 4.7
From: Jarrod Tramonte / Chris Young
Subject: Environmental Results Monitoring Program
Phase I, Quarter 5 Results

On December 29, 2003, the City of Baton Rouge, Parish of East Baton Rouge (City/Parish) conducted the fifth 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 December 29 event is summarized graphically in Figure 2. As shown in Figure 2, this was a short-duration, high-intensity event, with peak intensity occurring between 8 a.m. and 9 a.m. The end of rainfall occurred at approximately 1 p.m. 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 5

Location	Sample Time	Total Rainfall (in)	Peak Intensity (in/hr)
1 - Greenwell Springs Rd. & Comite River	4:10 p.m.	1.38	1.84
2 - O'Neal Ln. & Jones Creek	4:35 p.m.	1.62	1.40
3 - Highland Rd & Ward Creek	4:10 p.m.	1.53	1.20
4 - Grand Lakes Dr. & Bayou Fountain	3:50 p.m.	1.68	1.44

PROCEDURES

One grab sample was taken from each of the four designated sample sites between the hours of 3:50 p.m. and 4:35 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 to applicable sections of the USEPA "Methods for Chemical Analysis of Water and Wastes", 1983, and ASTM "Standard Methods for Examination of Water and Wastewater", 19th Edition, 1995.

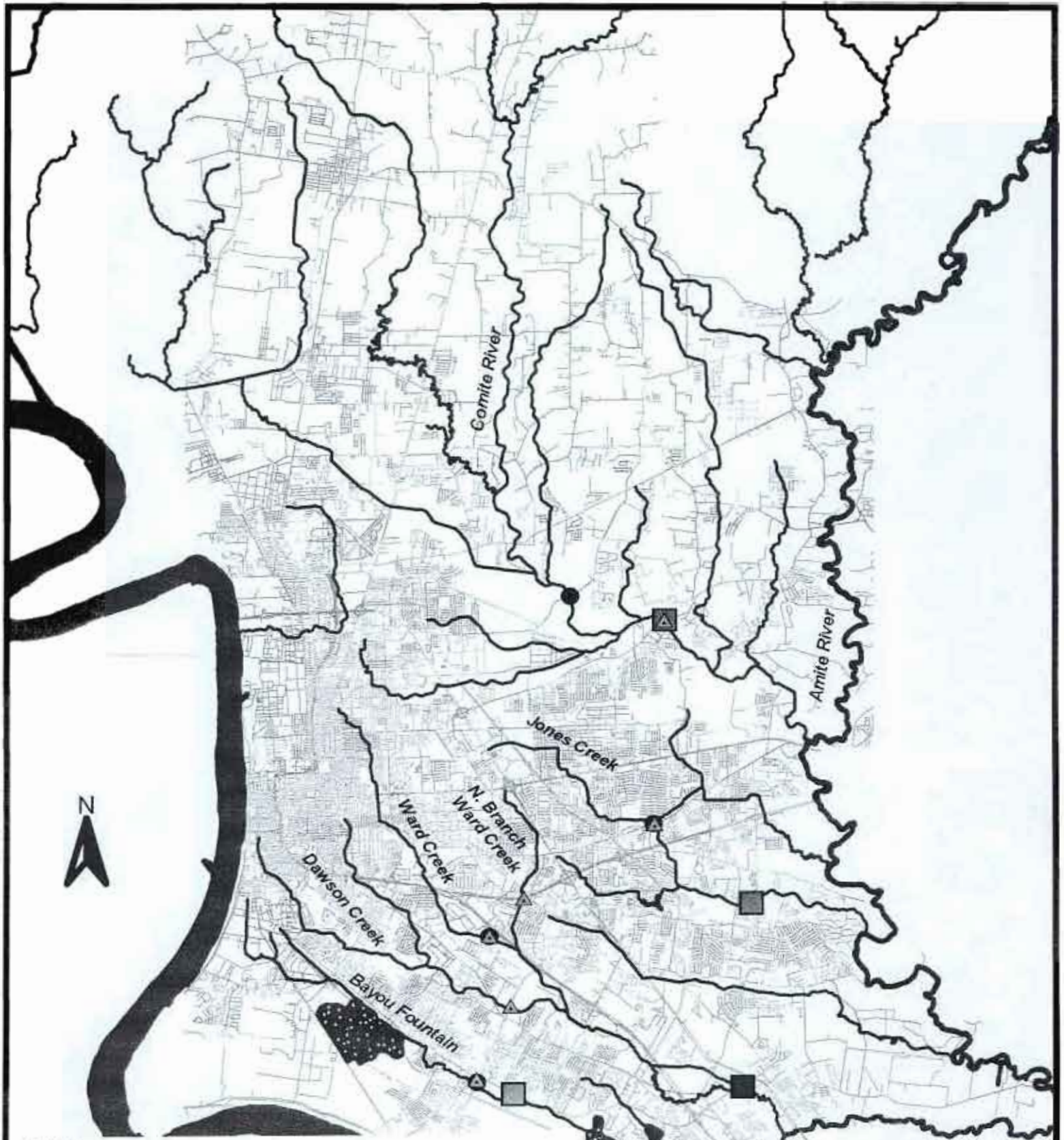
RESULTS

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. Gage height/elevation data from December 29, recorded at USGS stream flow monitoring stations upstream of each sample location, is presented in Figure 3. As shown in Figure 3, gage height/elevation recorded at the Comite River and Ward Creek (Main Branch) monitoring stations showed no response to the December 29 rain event.

Table 2. WQ Sampling results for Phase I, Quarter 5

Parameter	Sampling Location			
	1-Comite River	2-Jones Creek	3-Ward Creek	4-Bayou Fountain
Fecal Coliform (col/100 mL)	>1600	>1600	110	>1600
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⁾	1.38	1.62	1.53	1.68
Gage Height (ft) ⁽²⁾	24.0 ⁽³⁾	22.4	15.1 (N. Branch) 11.0 (Main Branch) 11.4 (Dawson Ck)	7.2

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



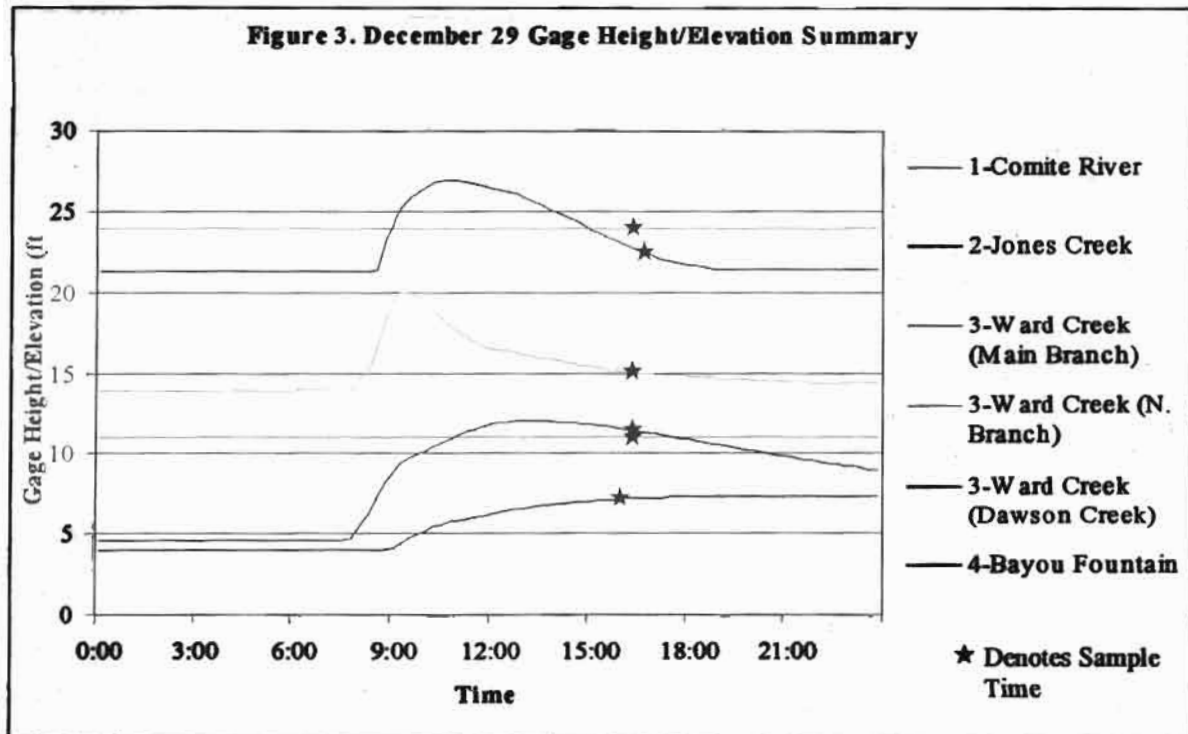
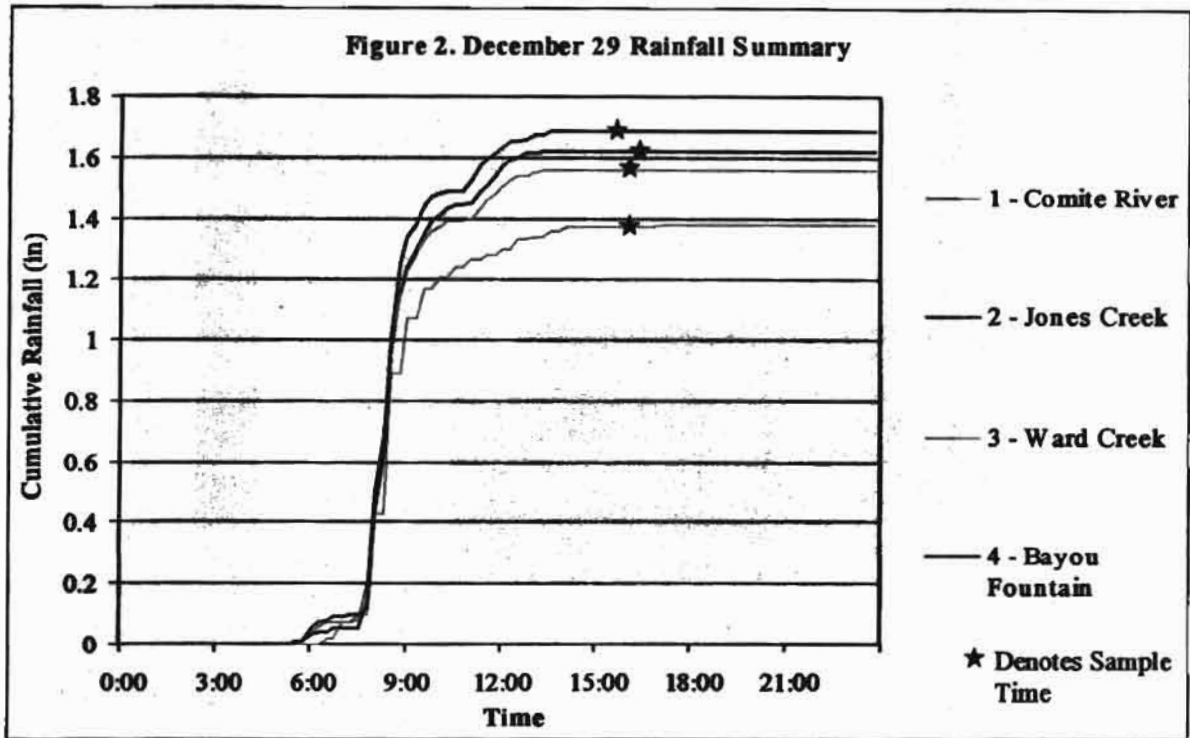
Legend

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.