



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 5

July 17, 2003



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

July 17, 2003

CERTIFIED – RETURN RECEIPT REQUESTED

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

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Fifth Quarterly Report - **Period Ending June 30, 2003**

Gentlemen:


Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 5th Consent Decree Quarterly Report covering activities for the quarter ending June 30, 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.

Sincerely,



Fred E. Raiford III
Director

Cc: Honorable Bobby Simpson, Mayor-President
Mr. Paul Thompson, Chief Administrative Officer
Chief, Environmental Enforcement Section, US DOJ
Mr. Bruce Hammatt, LDEQ
Ms. Peggy Hatch, LDEQ
Mr. Carlos Zequeira, (6RC-EA)
Ms. Vivian Hare, (6EN-WC)
Mr. Jim Thompson
Mr. Jerome Klier
Mr. Jeff Broussard
Mr. Kent A. Mudd
Mr. Robert Groht
Mr. Mike Hill
Mr. David Ratcliff
Mr. Bill McHie, MWH

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Part A:
Cross Connection
Elimination Plan

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

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

Summary of Activities

No cross connections were discovered during this quarter. There is no anticipated non-compliance. During the reporting period 160,200 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	Central Plant LA0036421	South Plant LA0036412	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)						
1						
2						
3						
Central Plant (LA0036421)						
1						
2						
3						
South Plant (LA0036412)						
1						
2						
3						

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 04 / 01 / 03 to 06 / 30 / 03. If not, see comments above.

Part B:
Collection System
Preventive Maintenance
Program (PMP)

Consent Decree Quarterly Report Part B - Preventive Maintenance Program (PMP)

Requirement: Pursuant to Exhibit I of the Consent Decree, the City/Parish shall report compliance and include a brief narrative summary of activities related to compliance and/or noncompliance with the Preventive Maintenance Program during the reporting period. In accordance with the Wastewater Collection System Preventive Maintenance Plan, Paragraph 1.4, specific activities performed related to collection system preventive maintenance will be reported to the EPA and LDEQ on a quarterly basis.

Summary of Activities

During the reporting period we have followed our standard operating procedures, and continued to follow the equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Wastewater Treatment Facilities Preventive Maintenance Plan. We have also continued developing an electronic tracking system for maintenance activities at the three treatment plants, similar to the tracking system established for the pump stations.

The table on page B-2 provides a summary of collection system preventive maintenance activities during the reporting period. As indicated, the primary preventive maintenance activity is inspection of facilities; including gravity sewers (through CCTV), manholes, ARVs etc. 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.

The summary table on page B-2 indicates good progress on all annual goals except ARV inspection. Personnel issues limited the number of ARV inspections during the first quarter, however efforts this quarter more than doubled the amount of inspections from the first quarter. We anticipate increasing our efforts over the next two quarters in order to reach our annual goal.

Based on the work effort through existing contracts and by City/Parish forces during this quarter, we do not anticipate any non-compliance related to preventive maintenance activities in the future.

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

Part B - Preventive Maintenance Program (PMP)

Summary of Collection System Activities

	Quarterly Total	Cumulative Annual Total	Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	188,974	405,504	570,000
CCTV Inspected (ft)	146,918	257,230	570,000
Smoke Tested (ft)	160,231	612,872	----
Smoke Tested (no. of locations)	458	1,142	----
Dye Water Flooded (no. of locations)	458	942	----
Manholes Inspected (no.)	394	2,069	2,500
Lines Repaired (no.)	442	990	----
MH Rehabbed (no.)	23	124	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	58.7	86.5	120
Repaired (no.)	5	11	----
Air Release Valves (604)			
Inspected/Maintained	228	336	960 to 1,200
Repaired (no.)	51	96	----
Pump & Lift Stations (421)			
Inspections (no.)	15,762	32,376	45,136
Wet wells cleaned	73	97	----
Repaired (no.)	10	25	----
Peak Flow Storage Facilities (2)			
Little Peak site visits	37	76	104
Big Peak site visits	37	76	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 04 / 01 / 03 to 06 / 30 / 03. If not, see comments above.

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

North Plant (LA0036439)

	Routine Maintenance	Corrective Maintenance	Quarterly Total
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	137,615	13,676	151,291
CCTV Inspected (ft)	137,645	0	137,645
Smoke Tested (ft)	2,976	26,400	29,376
Smoke Tested (no. of locations)	0	88	88
Dye Water Flooded (no. of locations)	0	88	88
Manholes Inspected (no.)	169	0	169
Lines Repaired (no.)	4	73	77
MH Rehabbed (no.)	0	5	5
Force Mains (120 miles)			
Visual Surface Inspection (miles)	41.2	0.0	41.2
Repaired (no.)	0	3	3
Air Release Valves (345)			
Inspected/Maintained	160	0	160
Repaired (no.)	0	34	34
Pump & Lift Stations (141)			
Inspections (no.)	5,106	0	5,106
Wet wells cleaned	26	0	26
Repaired (no.)	0	5	5

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

Central Plant (LA0036421)

	Routine Maintenance	Corrective Maintenance	Quarterly Total
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	2,436	8,122	10,558
CCTV Inspected (ft)	2,436	0	2,436
Smoke Tested (ft)	19,535	30,900	50,435
Smoke Tested (no. of locations)	23	103	126
Dye Water Flooded (no. of locations)	23	103	126
Manholes Inspected (no.)	137	0	137
Lines Repaired (no.)	48	71	119
MH Rehabbed (no.)	0	8	8
Force Mains (10 miles)			
Visual Surface Inspection (miles)	1.3	0.0	1.3
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	814	0	814
Wet wells cleaned	3	0	3
Repaired (no.)	0	0	0

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

South Plant (LA0036412)

	Routine Maintenance	Corrective Maintenance	Quarterly Total
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	6,837	20,288	27,125
CCTV Inspected (ft)	6,837	0	6,837
Smoke Tested (ft)	10,220	70,200	80,420
Smoke Tested (no. of locations)	10	234	244
Dye Water Flooded (no. of locations)	10	234	244
Manholes Inspected (no.)	88	0	88
Lines Repaired (no.)	100	146	246
MH Rehabbed (no.)	0	10	10
Force Mains (110 miles)			
Visual Surface Inspection (miles)	16.2	0.0	16.2
Repaired (no.)	0	2	2
Air Release Valves (252)			
Inspected/Maintained	68	0	68
Repaired (no.)	0	17	17
Pump & Lift Stations (259)			
Inspections (no.)	9,842	0	9,842
Wet wells cleaned	44	0	44
Repaired (no.)	0	5	5
Peak Flow Storage Facilities (2)			
Little Peak site visits	37	0	37
Big Peak site visits	37	0	37

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 54 Sanitary Sewer Overflows (SSOs) were responded to during this reporting period. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows – including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge reported, with the exception of the required written report within 5 days of the event for six unauthorized discharges on April 7, 2003 and five unauthorized discharges on April 8, 2003 (all of which were greater than 100,000 gallons). The written report for each of the unauthorized discharges was inadvertently not submitted, however the monthly Sanitary Sewer Overflow Report submitted on May 9, 2003 included these overflows.

All other aspects of the SSO Response Plan were followed for each of these unauthorized discharges, including the dispatch of crews to the overflow site, correction, containment, and clean-up of the overflow, and the completion of the Sewer Overflow and Unauthorized Discharge Report. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 Collection System	10
Central Plant-LA0036421 Collection System	10
South Plant-LA0036412 Collection System	34
Total	54

** 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 04 / 01 / 03 to 06 / 30 / 03. If not, see comments above.

Part D:
Reporting of
Unauthorized Discharges

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

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

Summary of Unauthorized Discharges

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

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 Collection System	10
Central Plant-LA0036421 Collection System	10
South Plant-LA0036412 Collection System	34
Total	54

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

There were 15 unauthorized discharges greater than 100,000 gallons during this reporting period, all of which we consider to be unavoidable SSOs as defined in Table 1 of the SSORP. Two of these events at the SWWTP were unusual in that they occurred during an extreme rain event (6 inches of rain in 30 hours) and included an electrical storm that caused a lightning strike at the treatment plant. The lightning strike affected the plant's computer system and pumps at the primary effluent pump station. Coincidentally, two backup primary effluent pumps were out of service at the time because VFDs were being replaced (see attached correspondence).

Eleven unauthorized discharges were due to the same extreme rain event on April 7, 2003. Detailed information about each individual overflow event is provided below:

1. Overflow occurred at 3359 S. Lakeshore Dr. (Manhole 002-01390D), which occurred from approx. 1:05 a.m. to 10:30 am April 7, 2003. An estimated 135,000 gallons of untreated sewage was released to a tributary of Bayou Duplantier.
2. Overflow occurred at 3359 S. Lakeshore Dr. (Manhole 002-01390D), which occurred from approx. 9:01 a.m to 4:41 am, April 8, 2003. An estimated 135,000 gallons of untreated sewage was released to a tributary of Bayou Duplantier.

3. Overflow occurred at 2147 E. Lakeshore Dr. (Manhole 010-04903), which occurred from approx. 1:15 p.m. to 10:35 p.m., April 7, 2003. An estimated 145,000 gallons of untreated sewage was released to a tributary of City Park Lake.
4. Overflow occurred at 2147 E. Lakeshore Dr. (Manhole 010-04903), which occurred from approx. 9:30 a.m. to 4:30 p.m., April 8, 2003. An estimated 145,000 gallons of untreated sewage was released to a tributary of City Park Lake.
5. Overflow occurred at 1423 Ashbourne Dr. (Manhole 050-00528), which occurred from approx. 7:30 a.m. to 6:00 p.m., April 7, 2003. An estimated 425,000 gallons of untreated sewage was released to a tributary of Jones Creek.
6. Overflow occurred at 1423 Ashbourne Dr. (Manhole 050-00528), which occurred from approx. 1:15 p.m. to 10:20 p.m., April 7, 2003. An estimated 425,000 gallons of untreated sewage was released to a tributary of Jones Creek.
7. Overflow occurred at the intersection of Ashbourne Dr. and Sherwood Forest Blvd. (Manhole 050-00530A), which occurred from approx. 8:00 p.m. to 10:22 p.m., April 7, 2003. An estimated 330,000 gallons of untreated sewage was released to a tributary of Jones Creek.
8. Overflow occurred at the intersection of Ashbourne Dr. and Sherwood Forest Blvd. (Manhole 050-00530A), which occurred from approx. 7:30 a.m. to 5:30 p.m., April 8, 2003. An estimated 330,000 gallons of untreated sewage was released to a tributary of Jones Creek.
9. Overflow occurred at 1388 Ashbourne Dr. (Manhole 050-00530), which occurred from approx. 1:00 p.m., to 10:25 p.m., April 7, 2003. An estimated 220,000 gallons of untreated sewage was released to a tributary of Jones Creek.
10. Overflow occurred at 1388 Ashbourne Dr. (Manhole 050-00530), which occurred from approx. 7:30 a.m. to 8:00 p.m., April 8, 2003. An estimated 220,000 gallons of untreated sewage was released to a tributary of Jones Creek.
11. Overflow occurred at 11528 Old Hammond Hwy. (Manhole 058-00011E), which occurred from approx. 10:40 a.m. to 8:20 p.m. on April 8, 2003. An estimated 330,000 gallons of untreated sewage was released to a tributary of Jones Creek.

Implementation of the Remedial Measures Action Plan (RMAP) projects will not prevent the recurrence of these discharges, because a rain event of this magnitude exceeds the maximum design storm for the RMAP projects.

The two remaining unauthorized discharges were due to 1) a power outage at the South Plant caused by a blown transformer, and 2) a power failure followed by an instrumentation problem at Pump Station 45 (see attached correspondence).

Non-compliance

There were two incidents of non-compliance in reporting unauthorized discharges. Written reports for eleven unauthorized discharges from collection system manholes (during the extreme rain event of April 7 and 8) were not submitted within 5 days of the incident. 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. Additionally, the monthly report of DMRs, Bypasses and SSO for the month of April (dated May 9, 2003) did not indicate the correct overflow amounts for the same eleven unauthorized discharges because of a formatting problem. The leading digit was cut off on the summary table (i.e. 225,000 gals. was reported as 25,000 gals.). The correct amounts are indicated in the summary table included in this section of the quarterly report. A revised monthly summary table will also be sent separately to U.S. EPA Region 6.

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 04 / 01 / 03 to 06 / 30 / 03. If not, see comments above.

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE
SANITARY SEWER OVERFLOWS MONITORING REPORT
APRIL 2003-JUNE 2003

North Sewer District Collection System

LPDES_LA0036439 AI# 4843 / LADEQ Permit # WP0487

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	Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
1	4/10/2003	15062 BRENT	SEWER DISCHARGED FROM MANHOLE	CLEANED UP DEBRIS, WASHED DOWN AREA, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	BEAVER BAYOU	600	137	92	96	7.29
2	4/25/2003	10444 GREENWELL SPRINGS	PUMP STATION NO. 194 DOWN	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE	HURRICANE CREEK	200	194	164	150	7.25
3	4/27/2003	15090 REPUBLIC AVENUE	DAMAGED CHECK VALVE	PUMP STATION ISOLATED FROM SYSTEM, VALVE PIT DRAINED, VALVE BLOCKED TO PREVENT DISCHARGE	NONE	BEAVER BAYOU	86,000	601	277	628	6.87
4	4/30/2003	10228 DUNDEE	PS NO. 255 DOWN; SEWER DISCHARGING FROM MANHOLE	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE	COMITE RIVER	300	255	140	159	7.08
5	5/02/2003	9500 DANCY	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	HURRICANE CREEK	150	116	152	166	7.16
6	5/05/2003	7210 MAPLEWOOD	BROKEN 6" FORCE MAIN	PRIVATE CONTRACTOR REPAIRED FORCE MAIN, CANAL FLUSHED WITH WATER, DEODORIZED & DISINFECTED.	NONE	HURRICANE CREEK	1,500	52	186	162	7.68
7	5/05/2003	4700 CLARK STREET	POWER OUTAGE AND ELECTRICAL INSTRUMENTATION PROBLEM	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED & DISINFECTED	NONE	CYPRESS BAYOU	310,000	45		362	8.00
8	5/23/2003	5150 FRYERS	CONTRACTOR LEFT PLUG IN 8" LINE AFTER REPAIR ON 5/27/03	PLUG REMOVED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	COMITE RIVER	50	197			
9	5/28/2003	5200 BROWNSFIELD	PS NO. 45 DOWN DUE TO MECHANICAL FAILURE	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE	CYPRESS BAYOU	250	45	97	103	7.32
10	6/09/2003	6936 AUTUMN	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	HURRICANE CREEK	80	52	158	156	7.38

Part D-Reporting of Unauthorized Discharges

Central Sewer District Collection System

LPDES_LA0036421 AI# 4842 / LADEQ Permit # WP0487

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<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>	
1	4/07/2003	3559 LAKESHORE	MANHOLE OVERFLOW DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	135,000	10	30	252	7.06
2	4/07/2003	2147 LAKESHORE	MANHOLE OVERFLOW DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	145,000	10	30	252	7.06
3	4/08/2003	3559 LAKESHORE	MANHOLE OVERFLOW DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	135,000	10	29	157	6.67
4	4/08/2003	2147 LAKESHORE	MANHOLE OVERFLOW DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	145,000	10	29	157	6.67
5	5/08/2003	617 NORTH	BLOCKAGE AT TIE-IN; SEWER DISCHARGED FROM CLEANOUT.	LINE CLEARED, AREA WASHED DOWN, DEODORIZED &	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR	MISSISSIPPI RIVER	15	59	140	138	7.07
6	5/22/2003	SORREL	PS NO. 228 DOWN DUE TO MECHANICAL FAILURE	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED	WILL CONTINUE PREVENTATIVE MAINTENANCE	MISSISSIPPI RIVER	500	228	120	191	7.16
7	6/30/2003	1900 19TH	SURCHARGE CONDITIONS CAUSED BY HEAVY RAINS DUE TO TROPICAL STORM BILL.	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	MISSISSIPPI RIVER	6,700	60	48	260	7.07
8	6/30/2003	2147 LAKESHORE	SURCHARGE CONDITIONS DUE TO HEAVY RAIN CAUSED BY TROPICAL	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	515	10	48	260	7.07
9	6/30/2003	3556 LAKESHORE	SURCHARGE CONDITIONS DUE TO HEAVY RAIN CAUSED BY TROPICAL	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	UNIVERSITY LAKE	340	12	48	260	7.07
10	6/30/2003	900 GOVERNMENT	SURCHARGE CONDITIONS DUE TO HEAVY RAINS CAUSED BY TROPICAL	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	MISSISSIPPI RIVER	325	59	48	260	7.07

South Sewer District Collection System

LPDES_LA0036412 AI#4841 / LADEQ Permit # WP0487

<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>	
1	4/01/2003	16750 CAESAR	PUMP STATION NO. 191 DOWN DUE TO POWER FAILURE	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED	NONE	AMITE RIVER	500	191	154	178	7.13
2	4/07/2003	1423 ASHBOURNE	MANHOLE OVERFLOWING DUE TO SURCHARGE CONDITIONS CAUSED BY	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	425,000	50	81	276	6.98

Part D-Reporting of Unauthorized Discharges

South Sewer District Collection System

LPDES_LA0036412 AI#4841 / LADEQ Permit # WP0487

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<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>	
3	4/07/2003	1423 ASHBOURNE	MANHOLE OVERFLOW DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	425,000	50	81	276	6.98
4	4/07/2003	1388 ASHBOURNE	MANHOLE OVERFLOWED DUE TO SURCHARGE	MONITORED AREA, DEODORIZED &	IMPLEMENT RMAP PROJECTS	JONES CREEK	220,000	50	81	276	6.98
5	4/07/2003	SHERWOOD FOREST	MANHOLE OVERFLOWING DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	330,000	50	81	276	6.98
6	4/08/2003	SHERWOOD FOREST	MANHOLE OVERFLOWING DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	330,000	50	29	102	6.54
7	4/08/2003	1388 ASHBOURNE	MANHOLE OVERFLOWED DUE TO SURCHARGE CONDITIONS CAUSED BY HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	220,000	50	29	102	6.54
8	4/08/2003	11528 OLD HAMMOND	MANHOLE OVERFLOWING DUE TO HEAVY RAIN EVENT	MONITORED AREA, DEODORIZED & DISINFECTED	IMPLEMENT RMAP PROJECTS	JONES CREEK	330,000	58	29	102	6.54
9	4/08/2003	2850 GARDERE LANE	HEAVY RAIN & ELECTRICAL STORM	RESTARTED PRIMARY EFFLUENT PUMPS	NONE	MISSISSIPPI RIVER	2.9 MILLION	SWWTP	36	66	6.63
10	4/08/2003	2850 GARDERE LANE	HEAVY RAIN & ELECTRICAL STORM	PUMP SET UP AT OLD INF. STATION WET WELL PUMPING TO TRICKLING FILTER UNDERDRAINS	NONE	MISSISSIPPI RIVER	790,000	SWWTP			
11	4/09/2003	15783 NATALBANY	POWER OUTAGE	CONTACTED ENTERGY WHO RESTORED POWER	NONE	JONES CREEK	750	315	376	688	6.77
12	4/11/2003	2850 GARDERE LANE	POWER FAILURE	GSU RESTORED POWER TO PLANT	NONE	MISSISSIPPI RIVER	290,000	SWWTP	70	62	
13	4/11/2003	6518 HIGHLAND ROAD	FORCE MAIN LEAK	WASTEWATER COLLECTION CONTACTED AND REPAIR SCHEDULED	NONE	BAYOU FOUNTAIN	100	158	58	198	
14	4/12/2003	260 FAIRFAX	MAIN LINE STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	MISSISSIPPI RIVER	30	58	114	146	7.15
15	4/16/2003	2961 CONGRESS	MAIN LINE STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	DAWSON CREEK	25	91	160	164	7.18
16	4/26/2003	14441 OLD HAMMOND	PUMP STATION NO. 215 DOWN	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE	JONES CREEK	100	215	168	120	7.00

Part D-Reporting of Unauthorized Discharges

South Sewer District Collection System

LPDES_LA0036412 AI#4841 / LADEQ Permit # WP0487

4 of 5

<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>
17	4/29/2003 17979 SHADOW CREEK	PS 390 DOWN DUE TO ELECTRICAL PROBLEM (BREAKER SWITCH OFF)	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE	JONES CREEK	100	390	159	180	6.78
18	4/30/2003 4633 UNDERWOOD	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	MISSISSIPPI RIVER	200	49	160	328	7.10
19	5/03/2003 1842 TUDOR	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	JONES CREEK	200	58	170	338	7.00
20	5/05/2003 7685 AIRLINE	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	HURRICANE CREEK	350	30	186	370	6.74
21	5/07/2003 14441 OLD HAMMOND	PS #215 DOWN DUE TO MECHANICAL FAILURE; SEWER DISCHARGING FROM MANHOLE.	CONTACTED PUMP MECHANIC, WASHED DOWN AREA, DEODORIZED & DISINFECTED.	CONTINUE PREVENTATIVE MAINTENANCE	JONES CREEK	60	215	184	197	6.89
22	5/08/2003 14441 OLD HAMMOND	PS NO. 215 DOWN DUE TO MECHANICAL FAILURE	CONTACTED PUMP MECHANIC #486, WASHED DOWN AREA, DEODORIZED & DISINFECTED.	WILL CONTINUE PREVENTATIVE MAINTENANCE	JONES CREEK	60	215	176	178	6.88
23	5/14/2003 HIGHLAND ROAD	DAMAGED FORCE MAIN	WASTEWATER COLLECTION CONTACTED	NONE		400	290			7.99
24	5/15/2003 10950 DARRYL	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	HURRICANE CREEK	100	50	176	188	6.89
25	5/19/2003 1445 GWEN	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	JONES CREEK	200	50	156	238	7.34
26	6/05/2003 5400 PORT HUDSON	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED.	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	CLAYCUT BAYOU	50	112	146	168	6.69
27	6/10/2003 2534 FOSTER	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	MISSISSIPPI RIVER	50	49	164	181	6.96

Part D-Reporting of Unauthorized Discharges

South Sewer District Collection System

LPDES_LA0036412 AI#4841 / LADEQ Permit # WP0487

5 of 5

<u>Date</u>	<u>Address</u>	<u>Cause</u>	<u>Action</u>	<u>Prevention</u>	<u>Rec. Waters</u>	<u>Amt. Gals</u>	<u>PS</u>	<u>BOD</u>	<u>TSS</u>	<u>pH</u>	
28	6/13/2003	4633 UNDERWOOD	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	MISSISSIPPI RIVER	250	49	156	162	6.98
29	6/23/2003	1445 GWEN	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	JONES CREEK	40	50	162	161	6.87
30	6/23/2003	1170 MAGNOLIA WOOD	C/L STOPPAGE	LINE CLEARED, AREA WASHED DOWN, DEODORIZED & DISINFECTED	WILL CONTINUE PREVENTATIVE MAINTENANCE & MONITOR FOR RECURRENCE	DAWSON CREEK	65	57	162	161	6.87
31	6/30/2003	SHERWOOD FOREST	SURCHARGE CONDITIONS DUE TO HEAVY RAINS CAUSED BY TROPICAL STORM BILL	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	WARD CREEK	7,100	50	75	171	6.95
32	6/30/2003	1388 ASHBOURNE	SURCHARGE CONDITIONS DUE TO HEAVY RAINS CAUSED BY TROPICAL STORM BILL	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	WARD CREEK	30,000	50	75	171	6.95
33	6/30/2003	1423 ASHBOURNE	SURCHARGE CONDITIONS DUE TO HEAVY RAINS CAUSED BY TROPICAL STORM BILL	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	WARD CREEK	16,000	50	75	171	6.95
34	6/30/2003	9210 BURBANK	SURCHARGE CONDITIONS DUE TO HEAVY RAINS CAUSED BY TROPICAL STORM BILL	MONITORED AREA, DEODORIZED & DISINFECTED	WILL IMPLEMENT RMAP PROJECTS	BAYOU FOUNTAIN	3,200	61	82	210	6.95



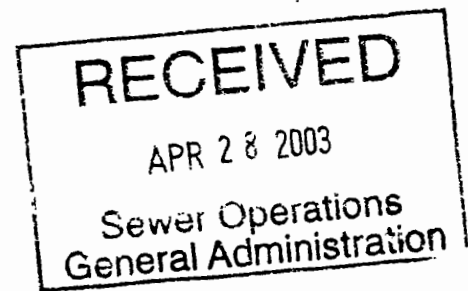
Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

April 17, 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
South Wastewater Treatment Plant Overflow

Dear Ms. Hare:

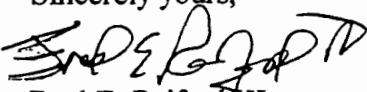
This letter is to provide information about an overflow at the South Wastewater Treatment Plant, which occurred from 9:00 a.m. to 1:45 p.m. on April 8, 2003. During this time, an estimated 790,000 gallons received primary treatment before overflowing the old effluent pump station wet well to a tributary of Bayou Fountain, and approximately 570,000 gallons received partial treatment before discharge through the permitted outfall to the Mississippi River.

This overflow occurred due to an extreme rain event (6-inches of rain in 30 hours) which included an electrical storm that caused a lightning strike at the treatment plant. Earlier in the day, as reported in a separate incident letter, the lightning strike affected the plant computer system and pumps at the primary effluent pump station. Coincidentally, at the same time, two backup primary effluent pumps were out of service because VFDs were being replaced.

Flows that exceeded the primary effluent pump station capacity were directed to the old effluent pump station for storage. In an effort to avoid an overflow, low-head emergency pumps were placed at the old effluent wet well to pump flows to the trickling filter under-drains, bypassing biological treatment. However, flow to the old effluent pump station exceeded the capacity of the emergency pumps, and ultimately overflowed from the wet well around 9:00 a.m. Emergency pumping produced a partial bypass of approximately 570,000 gallons. Procedures outlined in the Sanitary Sewer Response Plan were followed during the incident.

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

Sincerely yours,


Fred E. Raiford III
Director of Public Works

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

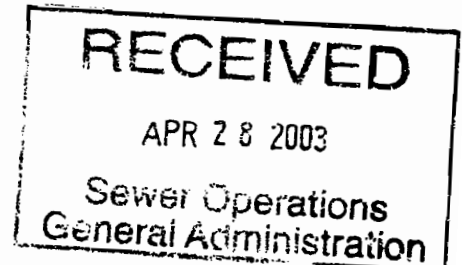
Post Office Box 1471
Baton Rouge, Louisiana
70821

April 17, 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
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 11:10 p.m. April 7, 2003 to 5:00 a.m. April 8, 2003. During this time, an estimated 2.9 million gallons received primary treatment before overflowing the old effluent pump station wet well to a tributary of Bayou Fountain.

This overflow occurred due to an extreme rain event (6-inches of rain in 30 hours) which included an electrical storm that caused a lightning strike at the treatment plant. The lightning strike affected the plant computer system and pumps at the primary effluent pump station required to convey flows through the plant. At the same time, coincidentally, two backup primary effluent pumps were out of service because VFDs were being replaced at the time.

Flows that exceeded the primary effluent pump station capacity were directed to the old effluent pump station for additional storage, and ultimately overflowed over the ground to local drainage (tributary to Bayou Fountain). Procedures outlined in the Sanitary Sewer Response Plan were followed during this incident.

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

Sincerely yours,


Fred E. Raiford III
Director of Public Works

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

April 22, 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
South Wastewater Treatment Plant Overflow

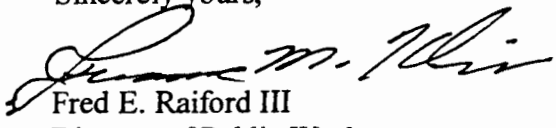
Dear Ms. Hare:

This letter is to provide information about an overflow at the South Wastewater Treatment Plant, which occurred from 10:40 a.m. to 11:30 a.m. on April 11, 2003. During this time, an estimated 290,000 gallons received primary treatment before overflowing the old effluent pump station wet well to a tributary of Bayou Fountain, and approximately 94,000 gallons received partial treatment before discharge through the permitted outfall to the Mississippi River.

This overflow occurred due to a power outage at the plant, which was caused by a blown transformer. During the outage, influent force main flows were directed from the primary effluent pump station to the old effluent pump station for storage. In an effort to avoid an overflow, low-head emergency pumps were placed at the old effluent wet well to pump flows to the trickling filter under-drains, bypassing biological treatment. However, flow to the old effluent pump station exceeded the capacity of the emergency pumps, and ultimately overflowed from the wet well at 10:40 a.m. Emergency pumping produced a partial bypass of approximately 94,000 gallons. Once power to the plant was restored, pumps were returned to normal operation and the overflow ceased. Procedures outlined in the Sanitary Sewer Response Plan were followed during the incident.

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

Sincerely yours,


Fred E. Raiford III
Director of Public Works

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

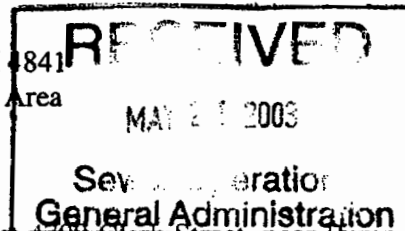
May 8, 2003

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

COPY

Attention: Vivian Hare

Re: LPDES Permit No. LA0036412 / AI 841
4700 Clark Street Overflow - PS 45 Area



Dear Ms. Hare:

This letter is to inform you of an overflow at 4700 Clark Street, near Pump Station 45, which occurred from approximately 1:30 a.m. to 8:00 a.m. on May 5, 2003. An estimated 310,000 gallons of untreated sewage was released to Cypress Bayou.

The overflow was due to a power failure followed by an instrumentation problem at Pump Station 45. An Instrument Technician was notified, and the problem was temporarily corrected. Once the problem was corrected, the station was returned to normal operations. Parts have been ordered to permanently repair the problem. Procedures outlined in the Sanitary Sewer Overflow Response Plan were followed for this overflow.

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

Sincerely yours,

Fred E. Raiford III
For: 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
David Ratcliff, Wastewater Collection Systems Manager

Part E:
Supplemental Environmental
Projects (SEPs)

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

Requirement: Pursuant to Section XX, Paragraph 60 of the Consent Decree, the City/Parish shall conduct a Supplemental Environmental Project (SEP) in accordance with the SEP Plan Requirements. The SEP 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 SEP. Pursuant to Paragraph 62 of the Consent Decree, the City/Parish shall complete the SEP 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.

Although construction started a little later than anticipated, construction is now underway for two of the four SEP projects and the two remaining projects have been advertised with a bid date of July 29, 2003. 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 City/Parish issued the Notice to Proceed (see attachment) for the Donwood/Oak Manor project on April 17, 2003 and the project is now under construction. At the beginning of the construction phase, a combined public meeting for the Donwood/Oak Manor and Stumberg Lane projects was held on May 29, 2003 (see attached notice). The City/Parish explained the project need, scope and benefits (including environmental) to the residents and then, with the contractor, responded to concerns and questions (see attached fact sheet). The information handed out at the public meeting and construction photos (see attachments) were placed on the program website for public access. The construction period is 130 calendar days, therefore the construction is anticipated to be complete by September 4, 2003; 190 days prior to the Consent Decree construction completion milestone.

Part E – Supplemental Environmental Projects (SEPs)

The Pleasant Hills (Section 3)/Green Acres and Sharon Hills/Cedar Glen/Pleasant Hills SEP projects were combined into one construction project, which was advertised for bids on June 27, 2003, in the second quarter of 2003. Notice to Proceed for these projects is anticipated to be September 2, 2003. With a construction period of approximately 210 days, the construction is anticipated to be complete for both projects by April 3, 2004. Construction for the Pleasant Hills (Section 3)/Green Acres project should be completed 73 days prior to the Consent Decree construction completion milestone, and 134 days prior to the Consent Decree construction completion milestone for the Sharon Hills/Cedar Glen/Pleasant Hills project.

The Stumberg Lane project is also in the construction phase and a public meeting was held on May 29, 2003 as previously stated. The Stumberg Lane project Notice to Proceed (see attachment) was issued on June 11, 2003. With a construction period of 90 calendar days, the construction is anticipated to be complete by September 15, 2003, 180 days prior to the Consent Decree construction completion milestone.

Status of Supplemental Environmental Projects (SEPs)

Proj. No.	Design Status	Construction Start Date			Construction Completion Date		Construction % Complete	Construction Cost	
		Sched.	Advertised	NTP	CD Sched.	Anticipated		CD Estimate	Contract Amount
1	100%	03/14/03	02/21/03	04/28/03	03/14/04	09/04/03	45%	\$ 125,000	\$ 298,756
2	100%	06/14/03	06/27/03		06/14/04	04/03/04	N/A	\$ 250,000	\$ 726,814*
3	100%	06/14/03	06/27/03		08/14/04	04/03/04	N/A	\$ 650,000	
4	100%	03/14/03	03/28/03	06/18/03	03/14/04	09/15/03	2%	\$ 100,000	\$ 79,962
Total								\$1,125,000	\$1,105,532

*Engineer's Estimate

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 04 / 01 / 03 to 06 / 30 / 03. If not, see comments above.



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

April 28, 2003

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

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

Dear Ms. Hare:

As requested, this letter is to notify you that the Donwood / Oak Manor SEP project Notice to Proceed (NTP) was issued April 17, 2003 (copy attached). The NTP informs the contractor to commence work on or before April 28, 2003 and complete all work by September 4, 2003. This date is 130 days prior to the consent decree construction completion deadline date.

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

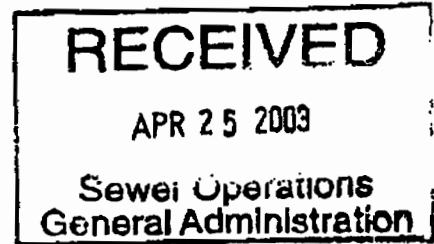
Sincerely,

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

Fred E. Raiford ND
Director

Enclosure

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

**Department of Public Works**City of Baton Rouge
Parish of East Baton RougePost Office Box 1471
Baton Rouge, Louisiana
70821**NOTICE TO PROCEED**

DATE: April 17, 2003

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

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

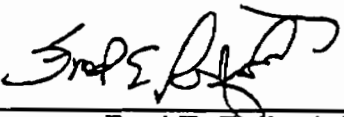
CONTRACT NAME: Donwood and Oak Manor Subdivision
Supplemental Environmental Project

CONTRACT NO: 01-SEP-0003

Gentlemen:

You are hereby notified to commence work on the subject Contract on **April 28, 2003** and are to fully complete the work within **one hundred thirty (130) calendar days**. In accordance with the Contract Documents, the final completion date shall be **September 4, 2003**. Any extension of time will be by written Change Order only.

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

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

FER:KAM/sjn

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



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

June 16, 2003

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

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

Dear Ms. Hare:

As requested, this letter is to notify you that the Stumberg Lane SEP project Notice to Proceed (NTP) was issued June 11, 2003 (copy attached). The NTP informs the contractor to commence work on or before June 18, 2003 and complete all work by September 15, 2003. This date is 180 days prior to the consent decree construction completion deadline date.

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

Sincerely,

Fred E. Raiford III
Director

Enclosure

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



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

NOTICE TO PROCEED

DATE: June 11, 2003

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

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

CONTRACT NAME: Stumberg Lane Pumping Station & Force Main
Supplemental Environmental Project

CONTRACT NO: 03-SEP-05

Gentlemen:

You are hereby notified to commence work on the subject Contract on **June 18, 2003** and are to fully complete the work within **ninety (90)** calendar days. In accordance with the Contract Documents, the final completion date shall be **September 15, 2003**. Any extension of time will be by written Change Order only.

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

By

Fred E. Rufford, III
Director

Department of Public Works

FER:KAM/sjn

Xc: Mr. Jerome M. Klier, PE/PLS, Deputy Director
Mr. Jeff Broussard, PE, Assistant Director/Chief Engineer
Mr. Kent Mudd, PE, Special Projects Engineer
Mr. Shane Nicholas, PE
Project File

ATTENTION

SEWER MEETING FOR RESIDENTS ON:

Acacia

Fla. Blvd. (Lots 10 & 65)

Holly, North

Lilac

Ponderosa (Fla. Blvd. to midway of Acacia & Mora)

Stumberg Ln. (between Jeff. Hwy. & Jack's Bayou)

Firethorn

Holly, East

Lafitte Dr. (Lots 1 thru 47)

Locust .

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

Sewer Meeting Hosted By:

COUNCILMAN MIKE WALKER

Eastside Fire Dept.

15094 Old Hammond Hwy.

Thursday - May 29, 2003 - 6:30pm

KEEP THESE NUMBERS HANDY:

Project Contractor:

Allen & LeBlanc, LLC

Office: 272-4599

Mr. Les Allen: Cell - 953-3817

Mr. Paul Johnson: Cell - 953-3802

Should you have questions, concerns after the May 29th Meeting, call Allen & LeBlanc directly or call Mr. Allen or Mr. Johnson.

Councilman Mike Walker 140 McGehee Dr. Baton Rouge, LA 70815
Office: 272-9088 E-mail: jmikewal@bellsouth.net

Donwood/Oak Manor Supplemental Environmental Project
Fact Sheet
May 29, 2003

1. What is a Supplemental Environmental Project?

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

2. What are the Benefits?

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

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

3. What will I have to do?

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

4. When will I have to take these actions?

The City/Parish has issued a Notice to Proceed to the contractor, and the contractor has until September 4, 2003 to complete the project. Upon final acceptance by the Metropolitan Council and notification from the Department of Public Works, the property owners will have six (6) months to obtain a no cost permit from DPW to abandon their septic tank and connect to the City/Parish sewer system. Until notified that the project has been accepted, no one will be allowed to obtain a permit to bypass their septic tank.

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

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

6. Additional information:

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

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

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

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

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

Sec. 2:309. Violation and penalties.

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

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

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

~~(Ord. No. 11569, § 1, 10-13-99)~~

PART III. INSTALLATION IN CONSOLIDATED SEWERAGE DISTRICT*

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

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

(Parish Code 1962, Title 2, § 309)

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

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

(Parish Code 1962, Title 2, § 310)

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

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

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

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

(Parish Code 1962, Title 2, § 311)

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

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

(Parish Code 1962, Title 2, § 312)

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

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

(Parish Code 1962, Title 2, § 313)

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

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

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

(Parish Code 1962, Title 2, § 314)

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

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

(Parish Code 1962, Title 2, § 315)

Sec. 2:317. Same—Procedure. (Parish)

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

(Parish Code 1962, Title 2, § 316)

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

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

(Parish Code 1962, Title 2, § 317)

Sec. 2:319. Duty of owner.

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

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

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

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

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

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

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

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

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

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

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

(Ord. No. 11567, § 1, 10-13-99)

Sec. 2:320. Violation and penalties.

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

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

(Ord. No. 11570, § 1, 10-13-99)

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

Sec. 2:340. Permit required.

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

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

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

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

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













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 during the reporting period. The South Wastewater Treatment Plant exceeded the permit effluent limits for the 7 day-avg. (mg/l) BOD, monthly average BOD & TSS (mg/l), and 75% removal of BOD, for the periods shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the South Plant is \$19,500. Noncompliance was due to operational issues at the South Wastewater Treatment Plant, as described in the attached letter.

	Permit Level	2 nd Quarter 2003			Stipulated Penalty		
		Apr.	May	Jun.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	47	C	C	1	\$1,000	\$1,000
		54			1	\$1,000	\$1,000
Monthly Avg. (mg/l)	30	44	40	39	3	\$2,500	\$7,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	69	C	72	2	\$2,500	\$5,000
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	34	C	32	2	\$2,500	\$5,000
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TRC</u>							
Daily Avg (mg/l)	0.46	C	C	C			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$19,500

C-Compliance

Part F - Consent Decree Compliance Status

2. One unusual unauthorized discharge occurred at the South Wastewater Treatment Plant, which resulted in the release of more than one million gallons during its duration. The stipulated penalty identified for this non-compliant activity at the South Plant is \$5,000. Noncompliance was due to an extreme rain event (6 inches of rain in 30 hours), combined with an electrical storm that caused a lightning strike at the treatment plant. Coincidentally, two backup primary effluent pumps were also out of service because VFDs were being replaced, as noted in Part D Reporting of Unauthorized Discharges.

<u>Unauthorized Discharge</u>	2nd Quarter 2003			Stipulated Penalty		
	<u>April</u>	<u>May</u>	<u>June</u>	<u># of Occurrences</u>	<u>Per Occurrence</u>	<u>Total</u>
North Plant-LA0036439	C	C	C			
Central Plant-LA0036421	C	C	C			
South Plant-LA0036412	2,900,000	C	C	1	\$5,000	\$5,000
Total						\$5,000

C-Compliance

3. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge reported, with the exception of the required written report within 5 days of the event for six unauthorized discharges on April 7, 2003 and five unauthorized discharges on April 8, 2003 (all of which were greater than 100,000 gallons). The written report for each of the unauthorized discharges was inadvertently not submitted. The City/Parish was in compliance with the Collection System Preventive Maintenance Program Plan and followed the SSO Response Plan in responding to and mitigating the impact of these discharges, therefore no penalties were accrued.

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 04 / 01 / 03 to 06 / 30 / 03. If not, see comments above.



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

July 15, 2003

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

Dear Ms. Hare:

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

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

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

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

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

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

July 15, 2003

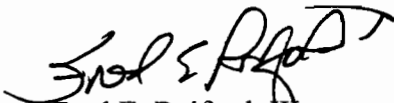
Page 2

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

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

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

Sincerely yours,



Fred E. Raiford, III
Director of Public Works

Attachments

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



DEPARTMENT OF PUBLIC WORKS

Sewer Division

City of Baton Rouge and Parish of East Baton Rouge

329 Chippewa Street

Baton Rouge, LA 70805-7686

June 23, 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 reference to your June 18, 2003 Shop Drawing Submittal No. 001A, Trickling Filter Resubmittal received by this office on June 19, 2003. On this submittal you noted that the Louisiana P.E. stamped drawings will be submitted at a later date. Please refer to Section 1.3.A.7 of the Technical Specifications for this project that states: "all Drawings and submittals shall be stamped by a Louisiana-registered professional engineer in accordance with the rules and laws governing Engineering License in the State of Louisiana." Also, refer to Section 1.1.B.1: "...The CONTRACTOR shall have the manufacturer perform design calculations and structural support calculations to assure the ability of the equipment to meet all design criteria and loading criteria specified herein. These calculations shall be sealed and signed by a Louisiana-registered Professional Engineer."

Based upon the above referenced specifications, Submittal No. 001A, Trickling Filter Resubmittal is being returned as Incomplete, Resubmit. Enclosed are the seven (7) copies of your Submittal No. 001A, Trickling Filter Resubmittal. You are again reminded that to date, 91 calendar days have passed or 37.9% of the contract time has been used with 0% of the project completed. 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

Enclosures

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

June 16, 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 a follow-up to our meeting of May 22, 2003 where we discussed your shop drawing submittal. At that meeting your May 8, 2003 shop drawing submittal no. 001 for Trickling Filter Rotary Distributor was returned to you as Incomplete, Re-Submit.

You were advised by Mr. Kent A. Mudd in his April 25, 2003 letter that the late shop drawing submittal has placed the contract completion date in jeopardy. We are now almost two months later and no closer to approved shop drawings. The Notice To Proceed for this project was effective March 24, 2003 with a contract time of 240 calendar days. To date, 84 calendar days have passed or 35% of the contract time has been used with 0% of the project completed.

Please provide this office with a schedule showing when you expect to re-submit your shop drawings and how this delay in your submittal impacts your construction and the contract completion date of November 19, 2003. Completion of this project is critical to our meeting the requirements of our discharge permit, which is also a requirement of the Consent Decree.

Enclosed is a copy of the meeting notes prepared by Mr. Ray Rials and the original shop drawing submittals. If you have any questions concerning this matter, please contact me at telephone 225-389-3154.

Sincerely,

Richard P. Wright, P.E.
Wastewater Engineer

Enclosures

cc: Mr. Fred E. Raiford, III
Mr. Jerome M. Klier, P.E.
Mr. Kent A. Mudd, 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

April 25, 2003

Cajun Constructors, Inc.
P.O. Box 104
Baton Rouge, LA 70821

Project: Rehabilitation of Trickling Filter Rotary Distributors
South Treatment Plant
02-WWT-02

Attention: Paul Nola

Dear Mr. Nola:

The Pre-construction Meeting on this project was held on March 20, 2003. The Notice to Proceed was issued on March 24, 2003. The duration of the contract is 240 days and 36 days have passed. Since the meeting and Notice to proceed, we have not received the shop drawing submittals.

The contract states on page CP 2 of 5 "The undersigned further agrees that the work will begin not later than fourteen (14) calendar days after date of the Notice to Proceed and shall be diligently prosecuted at such a rate and in such a manner as necessary for the completion of the work within the time specified in the Agreement."

The 1997 City of Baton Rouge, Parish of East Baton Rouge Standard Specifications for Public Works Construction, which are part of this contract, state on page 19, "Shop drawings shall be submitted in quadruplicate to the engineer for approval or correction at least 30 days before approved drawings will be required."

Taking these items into account, the late shop drawing submittals have placed the contract completion date in jeopardy. We will need a schedule update in order to complete this project on time.

Sincerely,

Kent Mudd, PE
Special Projects Engineer

xc: Fred Raiford
Jerry Klier
Jeff Broussard
Charlie Woodruff
Shane Nicholas

PROCESS CONTROL MEETING

Central WWTP (CTP)

13 March 2003

DPW-SU-LSU

“Optimization of Wastewater Treatment”

Presentation by LSU for Central and South Plant

- Treatment performance for February 2003
- Performance to date in 2003 vs. 2002 vs. 2001
- Rainfall effect on the plant performance
- Upcoming goals for April 2003

Process changes made at CTP and STP in February 2003:

CTP: Lowered splitter box gates to final clarifier several inches (3 inches) towards original positions to prevent potential “short-circuiting”

Take #3 and #4 primary clarifier off-line during dry weather flows (will be placed back on line based on wet weather flows)

Resumed automated recirculation and flushing of trickling filters

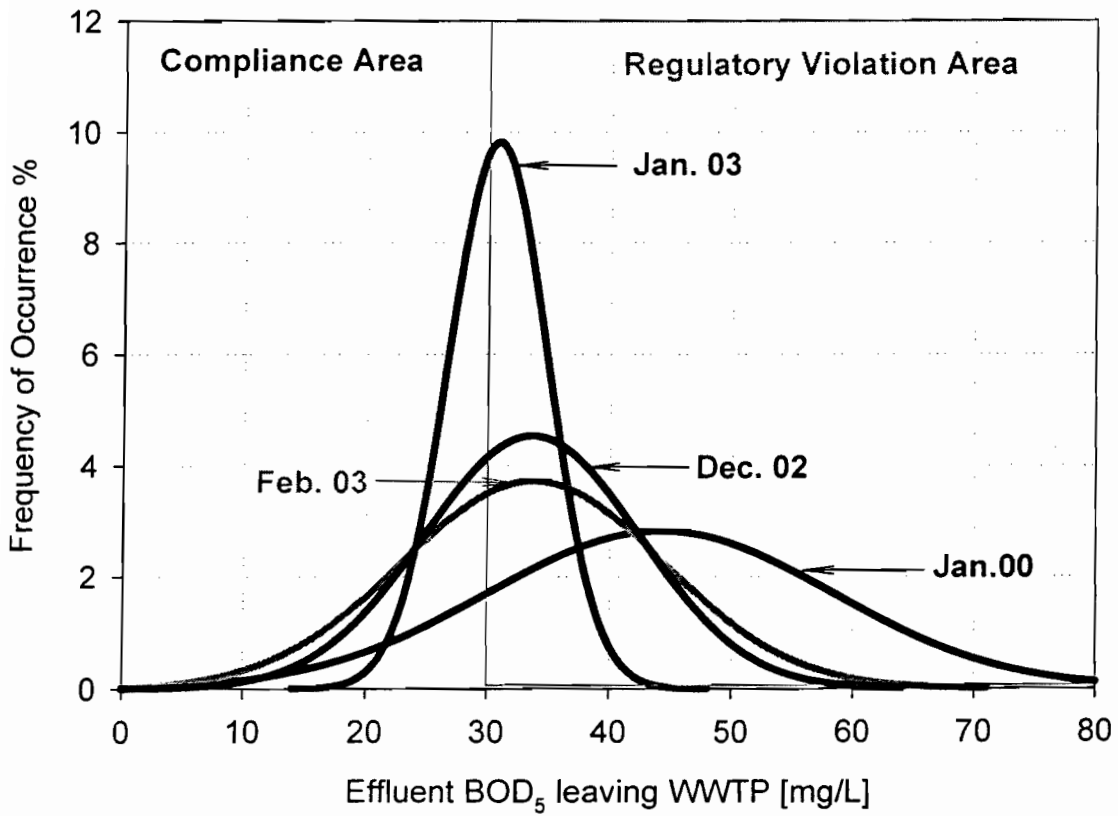
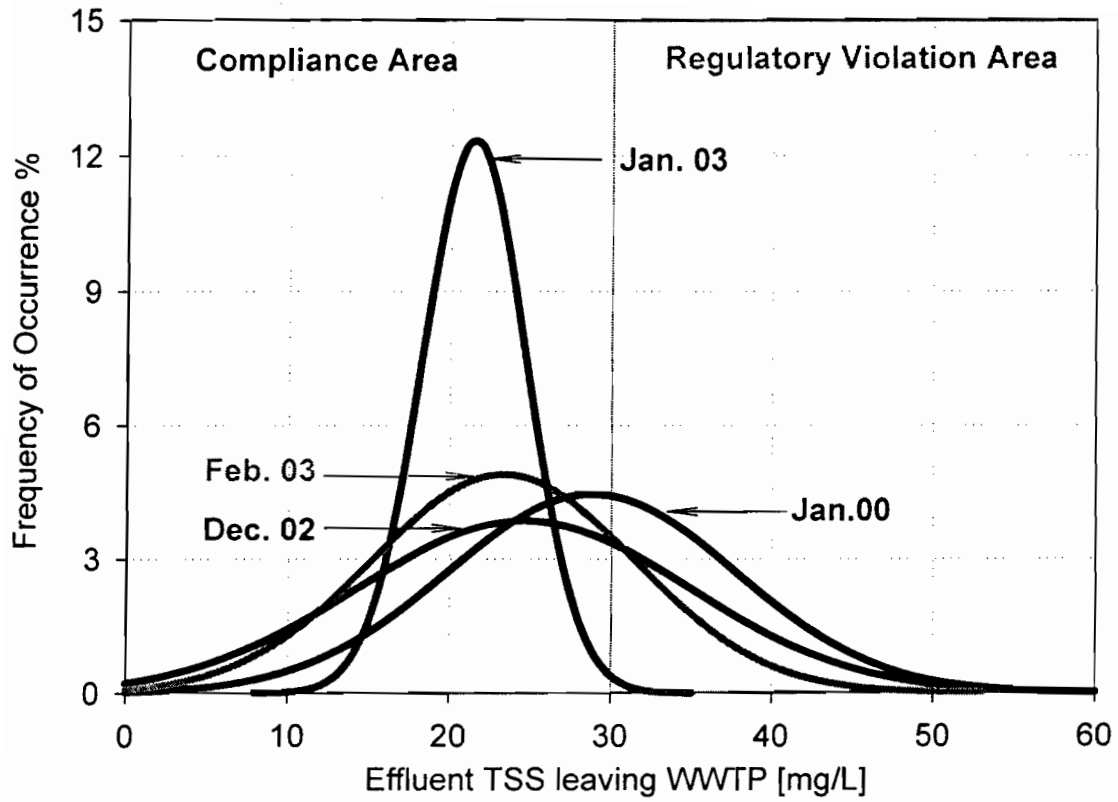
Discussed plans to add ferric to splitter box to final clarifiers if required – for example in cold weather as an alternative to a 3rd trickling filter or application of heat or covering filters.

Started putting flow to #1 trickling filter and remove #2 trickling filter from service for repairs

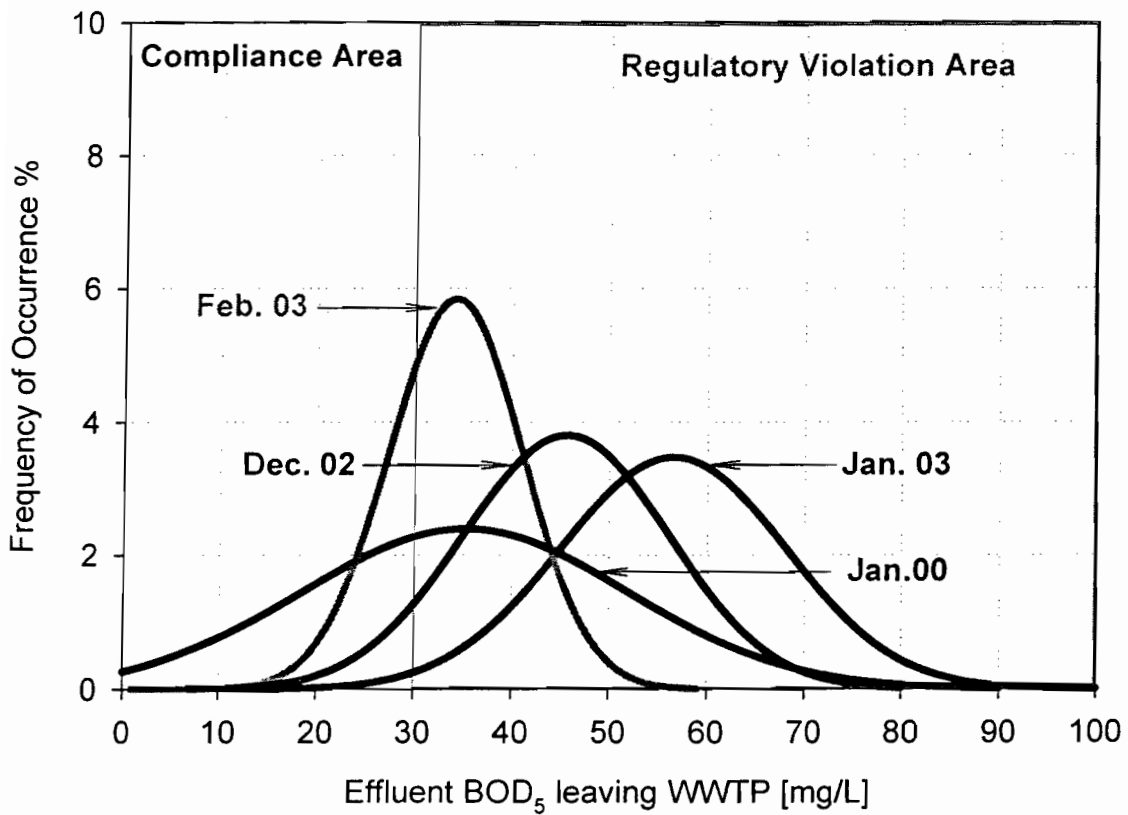
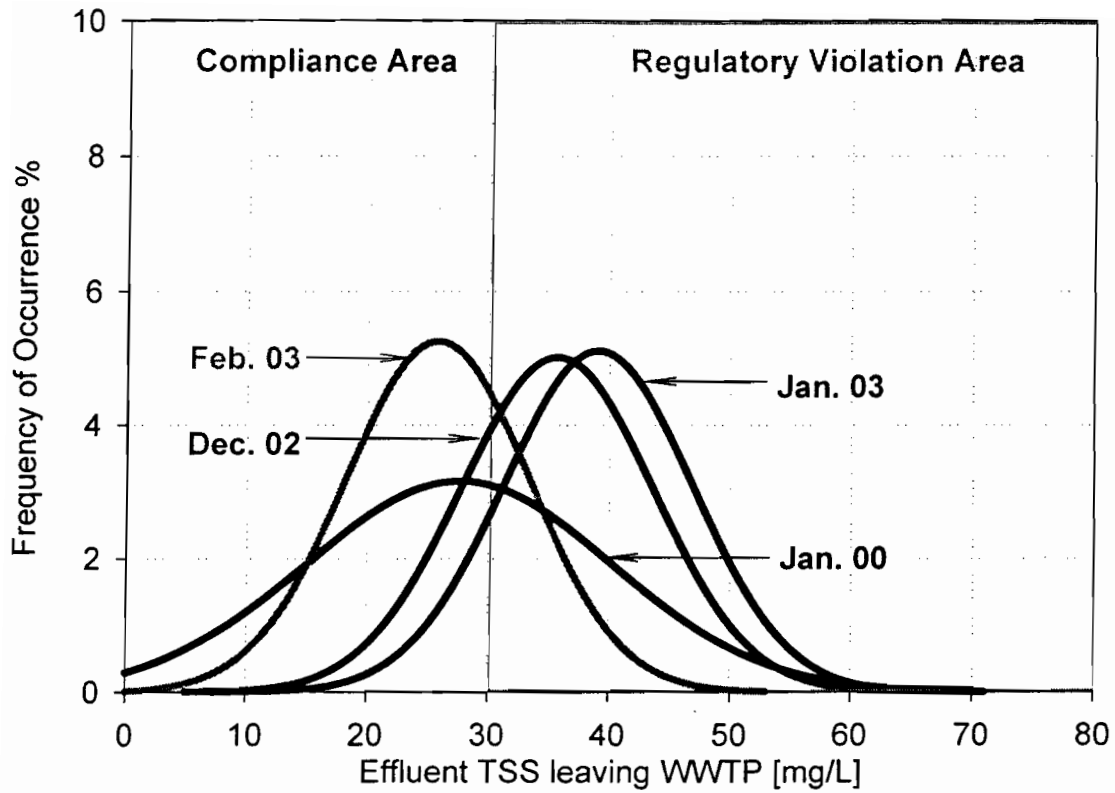
Chlorine to influent turned off; check chlorination system for proper operation

STP: Addition of mild doses (see plots) of ferric to final clarifiers (ferric appears to be working). TSS and BOD have turned down from Jan.

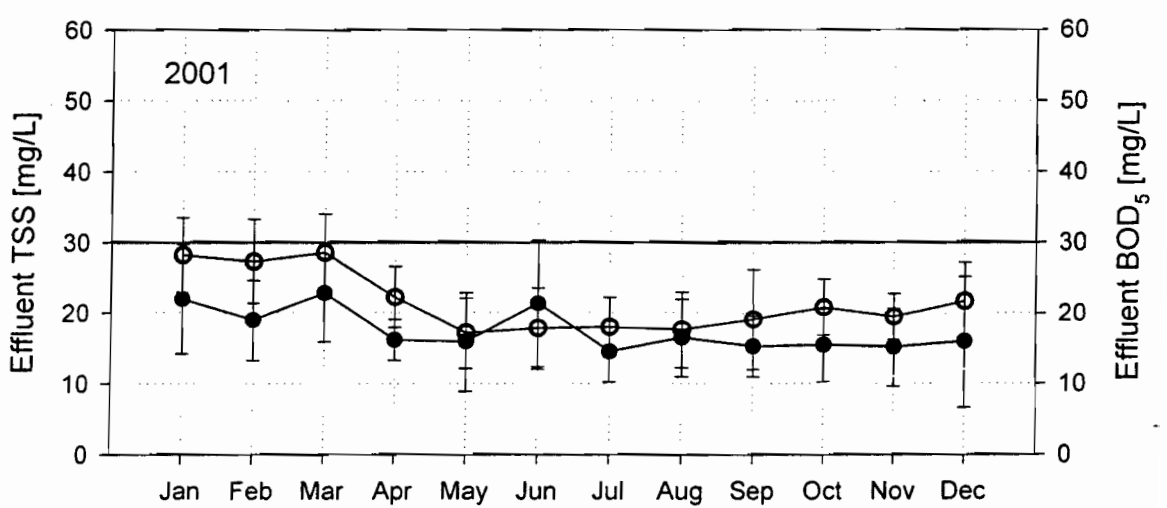
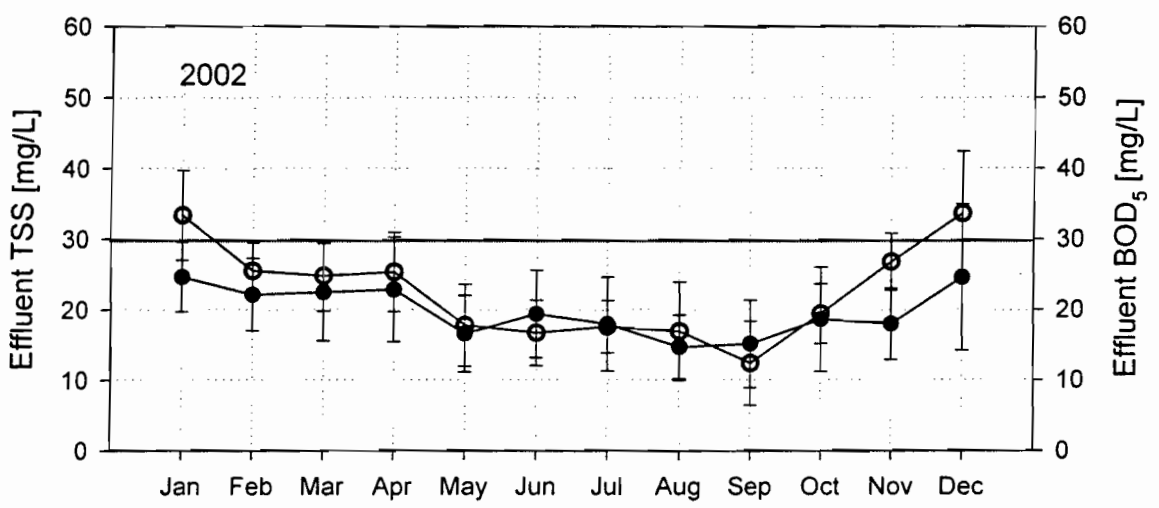
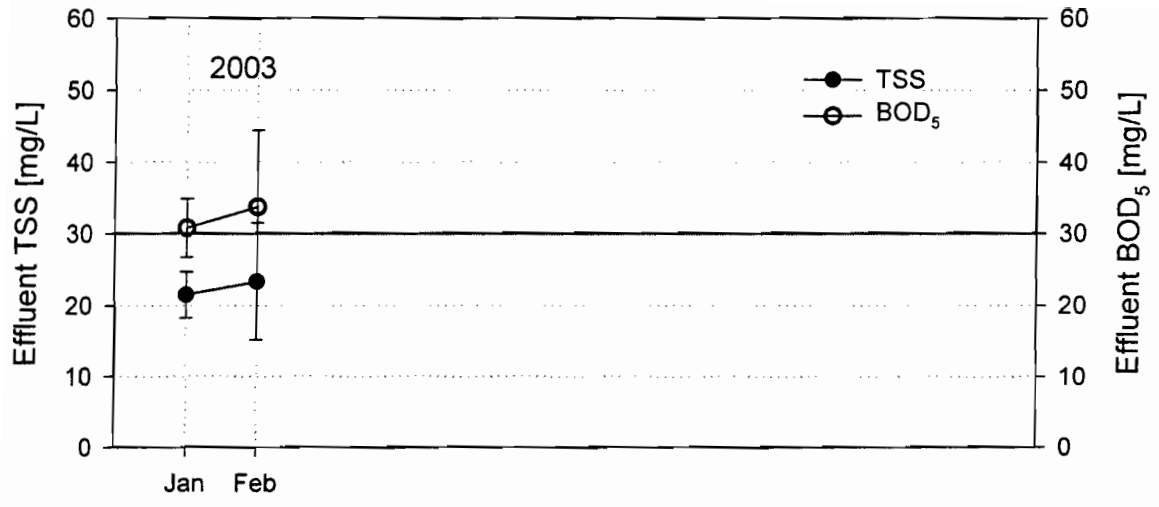
Running 3 belt presses to keep up with sludge generated by ferric



Effluent TSS and BOD₅ distribution for CTP

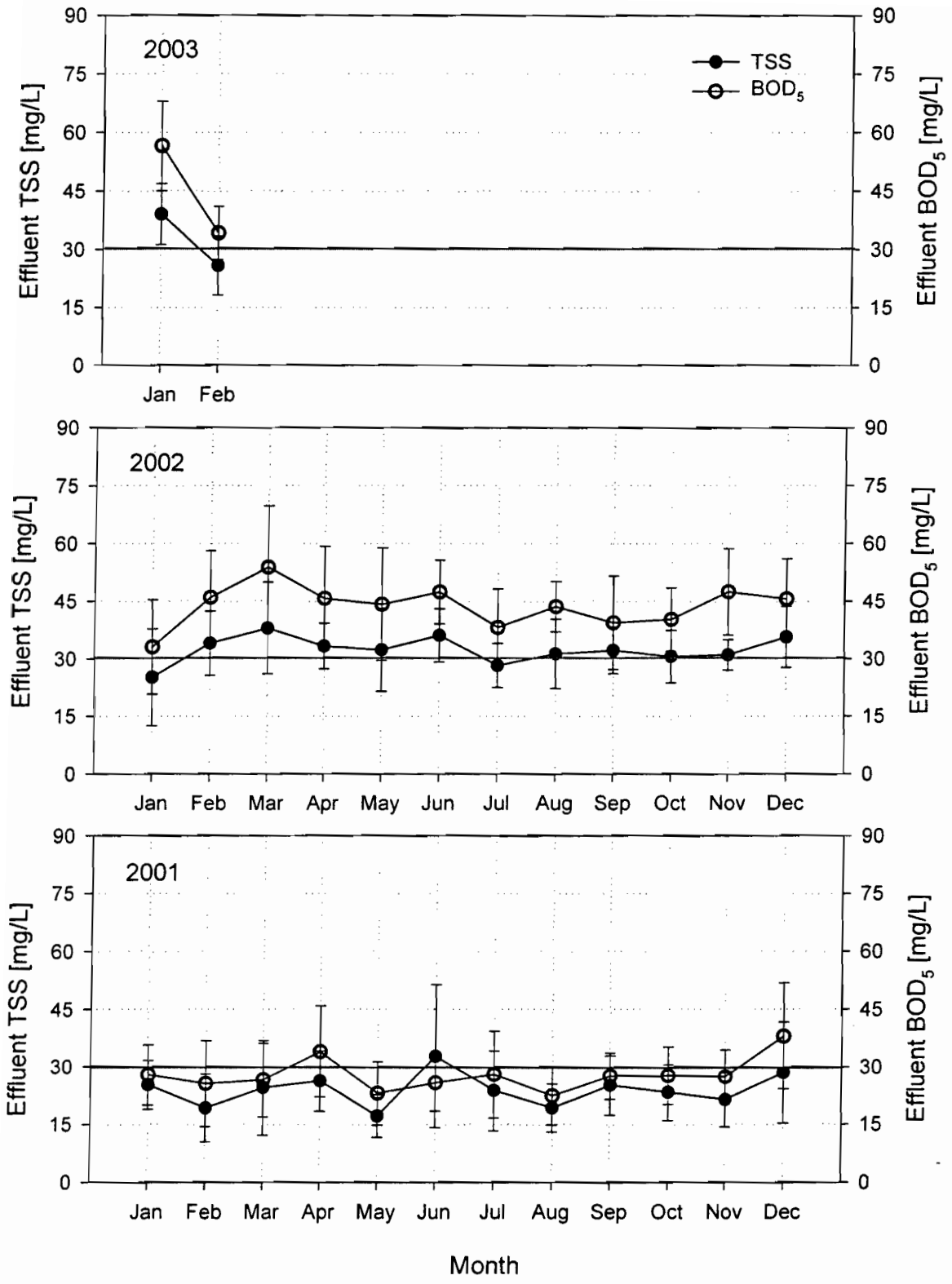


Effluent TSS and BOD₅ distribution for STP

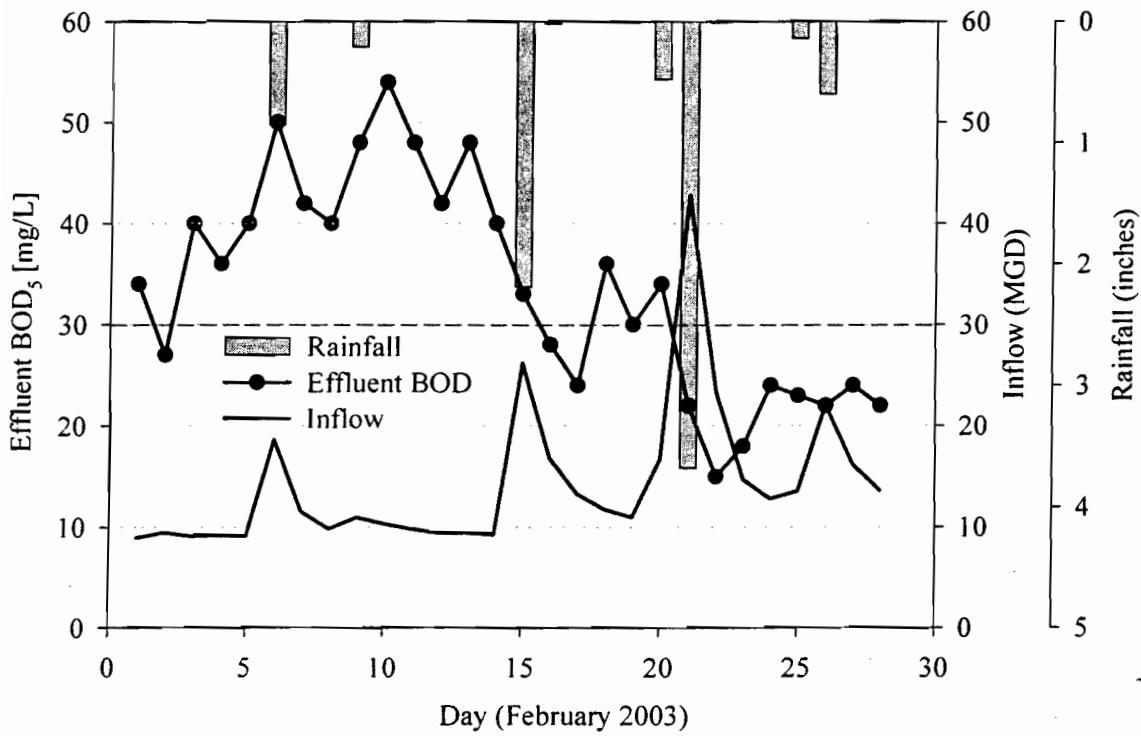
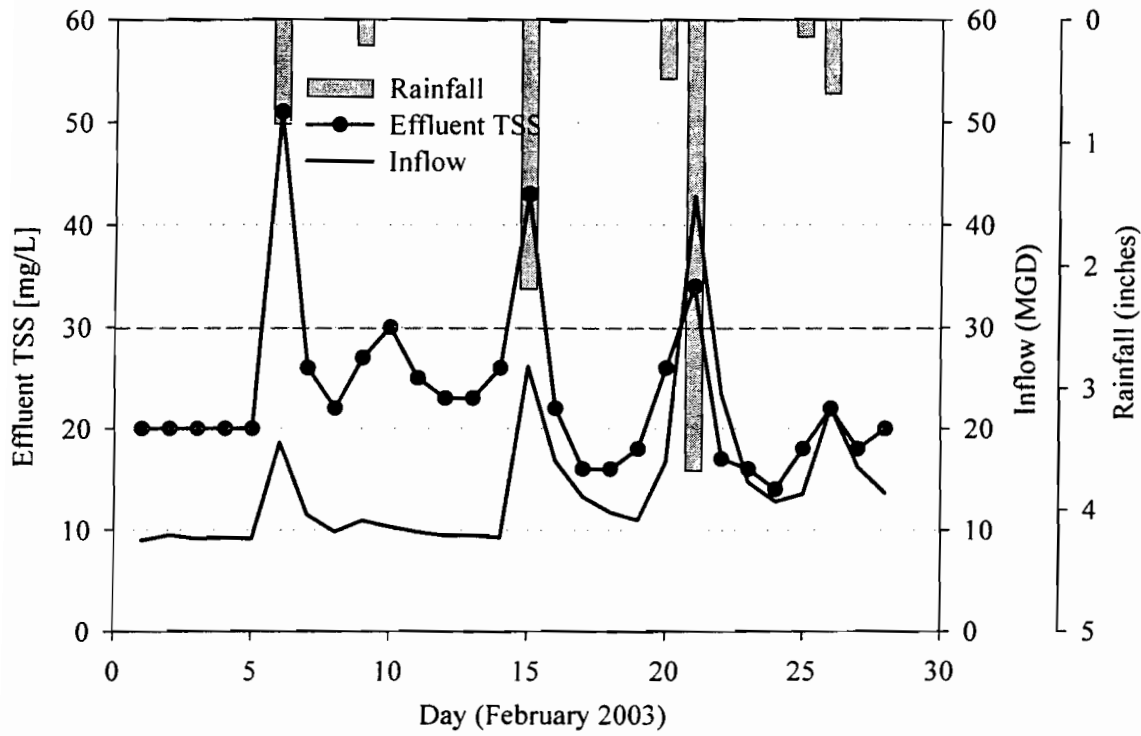


Month

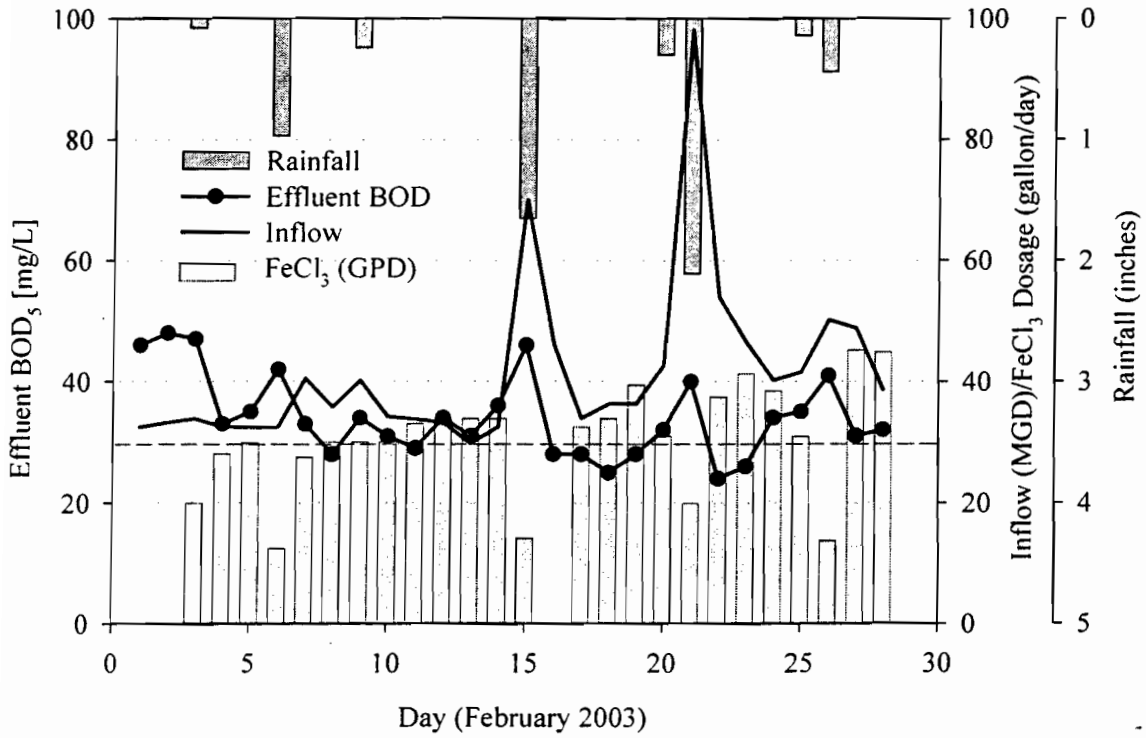
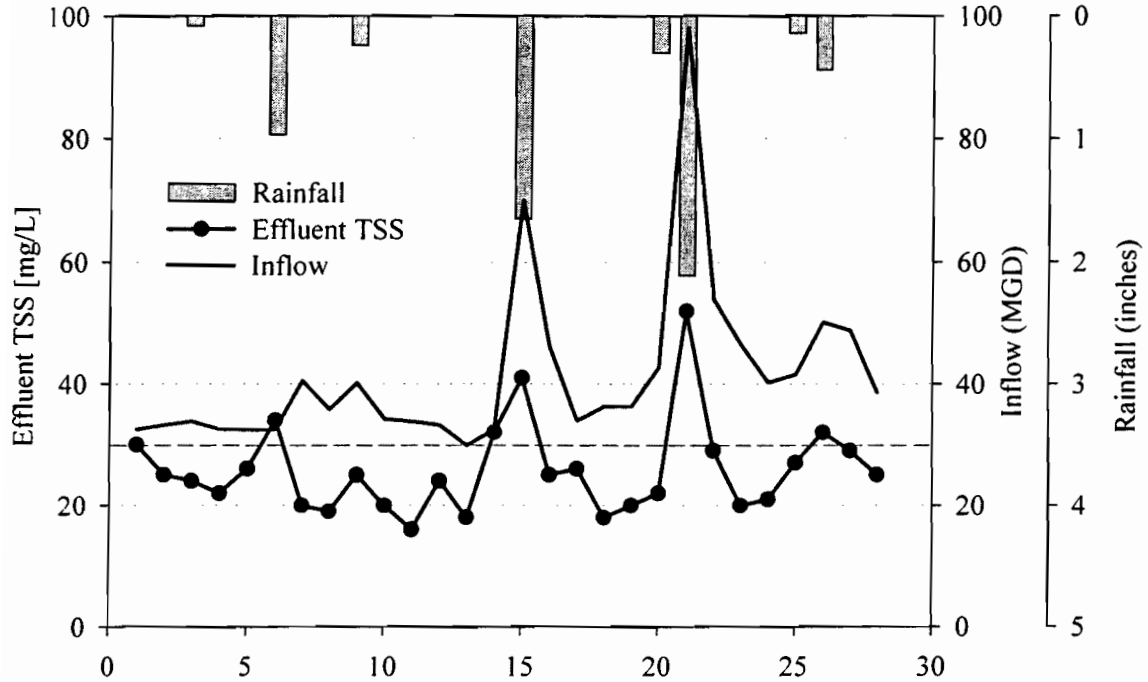
Effluent Trends at CTP in Baton Rouge, LA



Effluent Trends at STP in Baton Rouge, LA



Rainfall effect on the plant performance - CTP (February 2003)



Rainfall effect on the plant performance - STP (February 2003)

UPCOMING GOALS FOR APRIL 2003:

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PROCESS CONTROL MEETING

Central WWTP (CTP)

12 June 2003

DPW-SU-LSU

“Optimization of Wastewater Treatment”

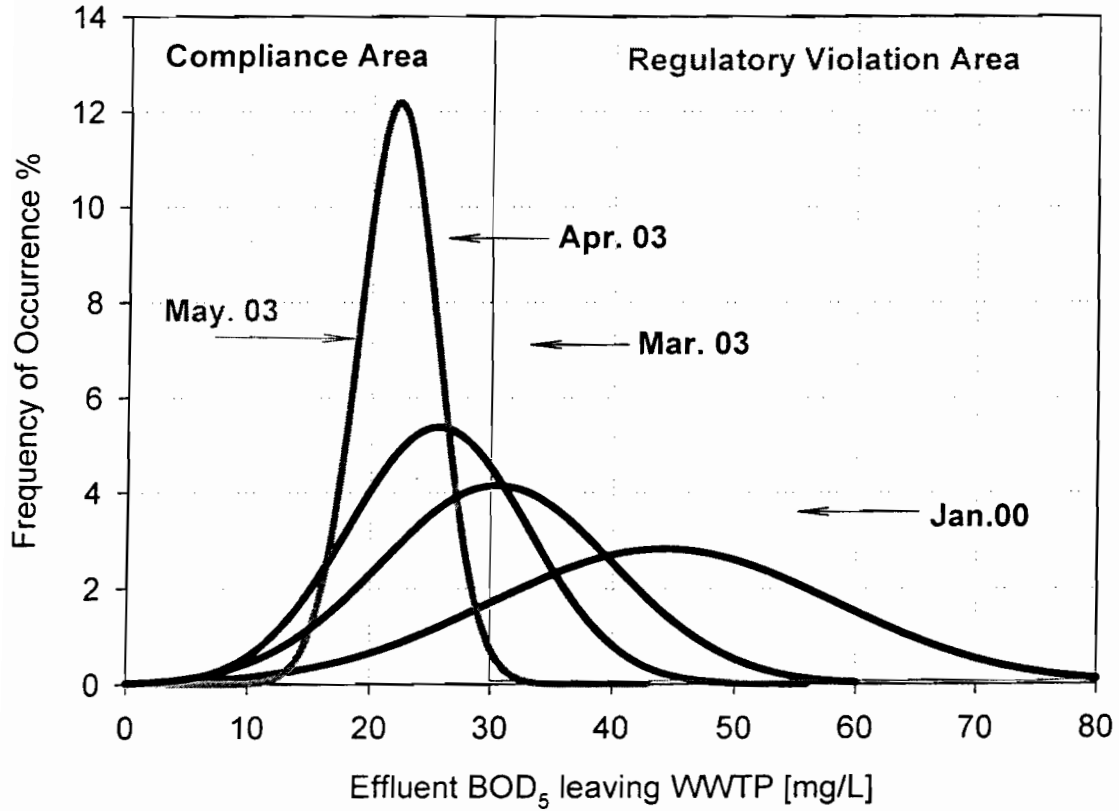
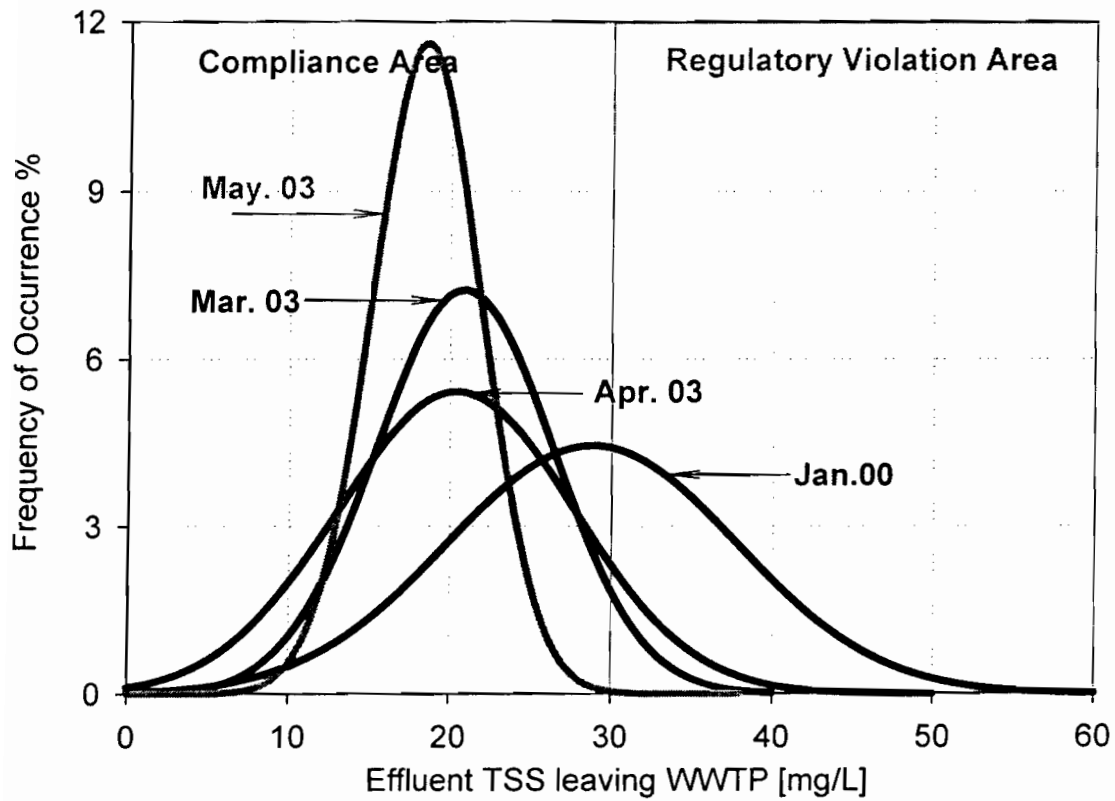
Presentation by LSU for Central and South Plant

- Treatment performance for May 2003
- Performance to date in 2003 vs. 2002 vs. 2001
- Rainfall effect on the plant performance
- Upcoming goals for June 2003

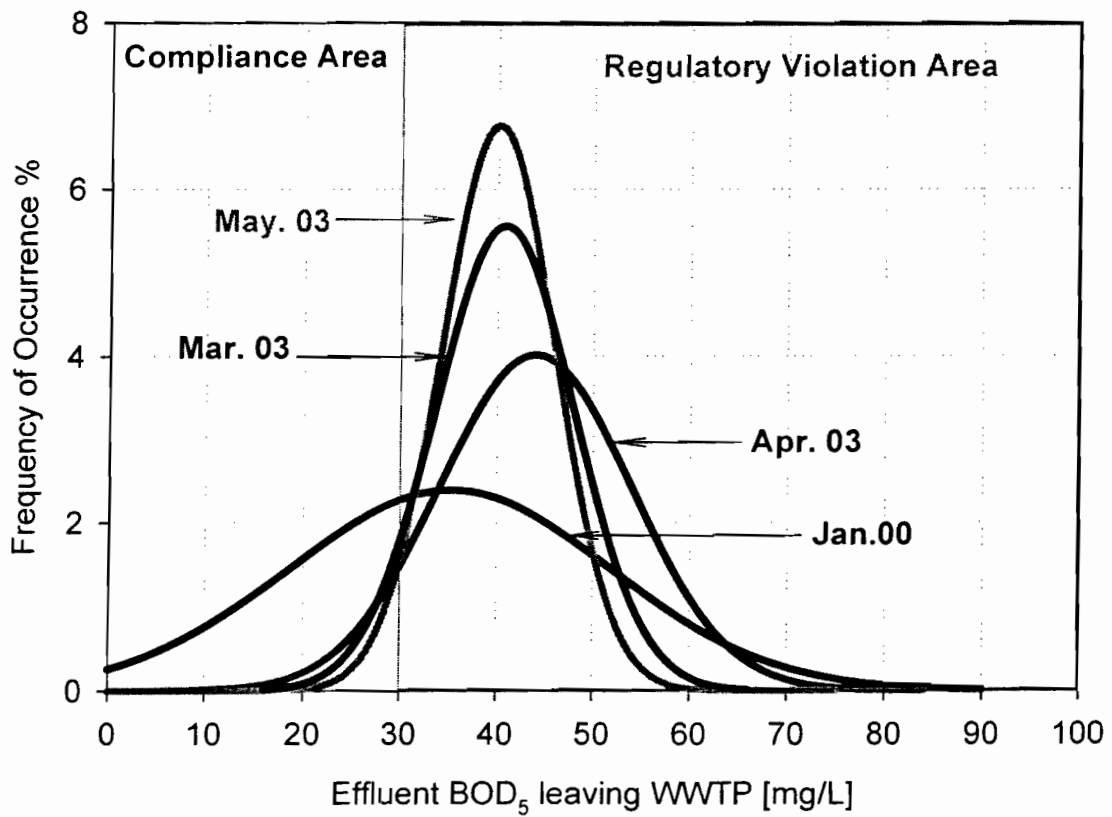
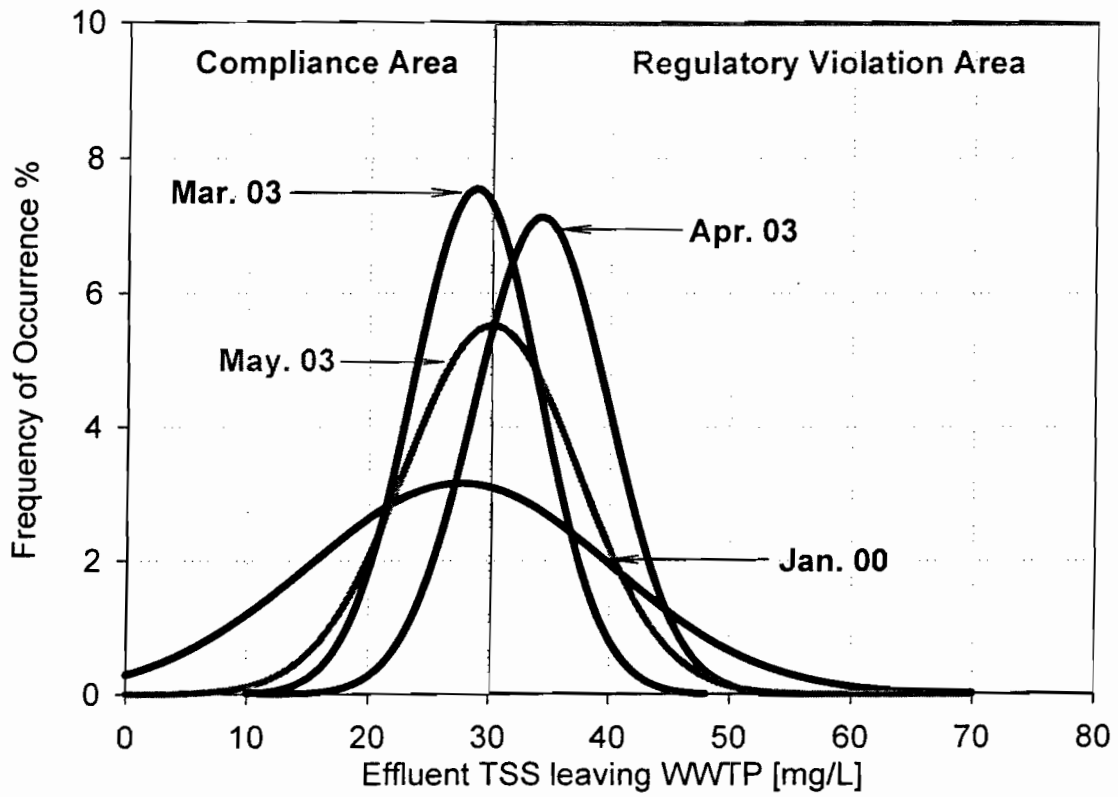
Process changes made at CTP and STP in May 2003

- STP:**
- Adjust scrapers on final clarifiers (FC # 3, 5, 6 pumped down for this)
 - Clean out build-up of sludge from old final effluent pump station
 - Flow meters to STP for each splitter box
 - Pump secondary sludge into gravity thickener
 - Modify belt press operations and carry out belt press operator training
 - Set polyblend stroke and speed for uniformity
 - Do not over-polymer belt
 - Gravity thickener pump down for preventative maintenance
 - Isolate the old effluent pump station and yard water pumps
 - Flush trickling filters two hours each for snail control

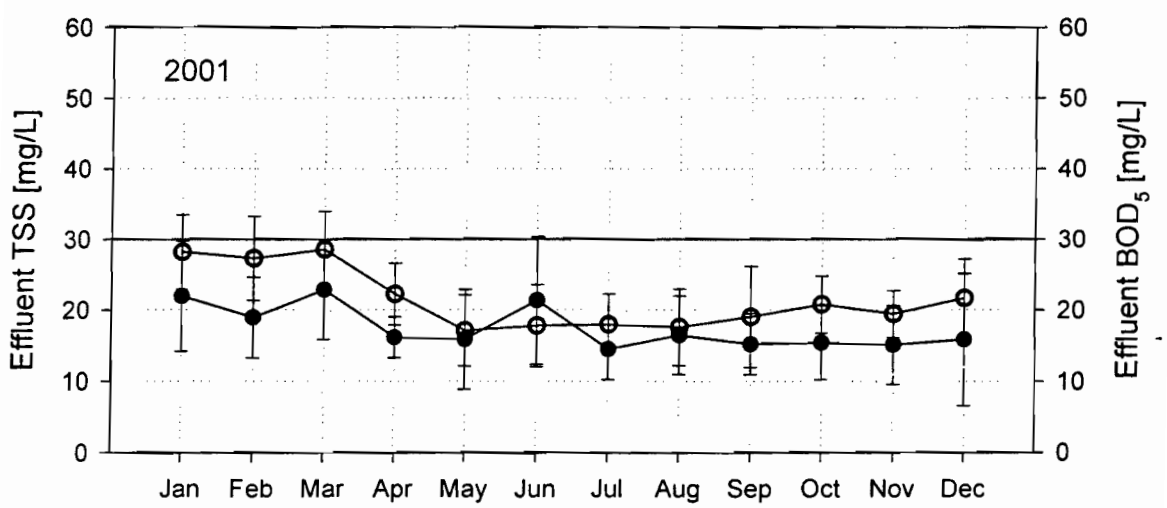
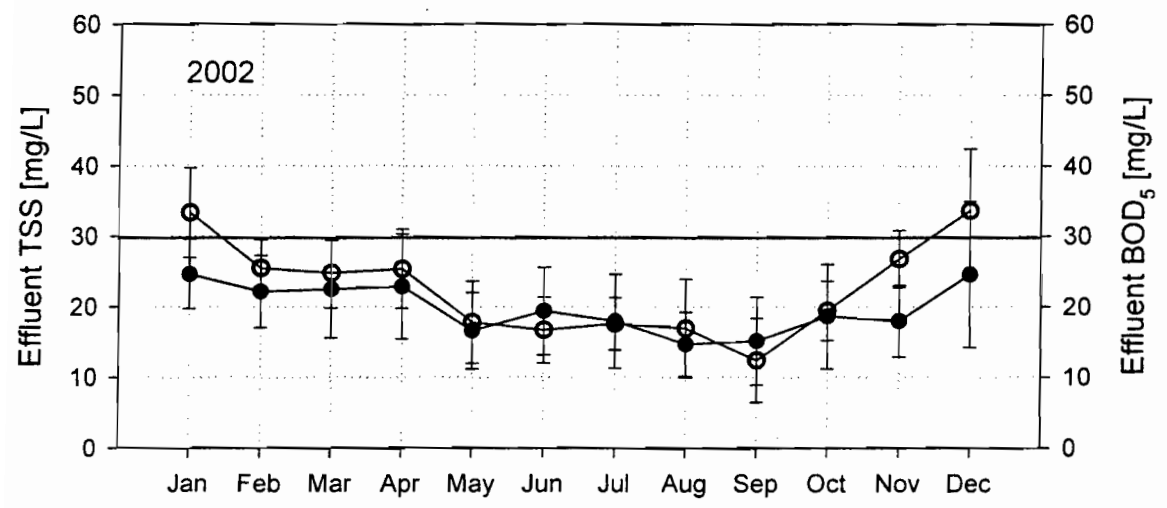
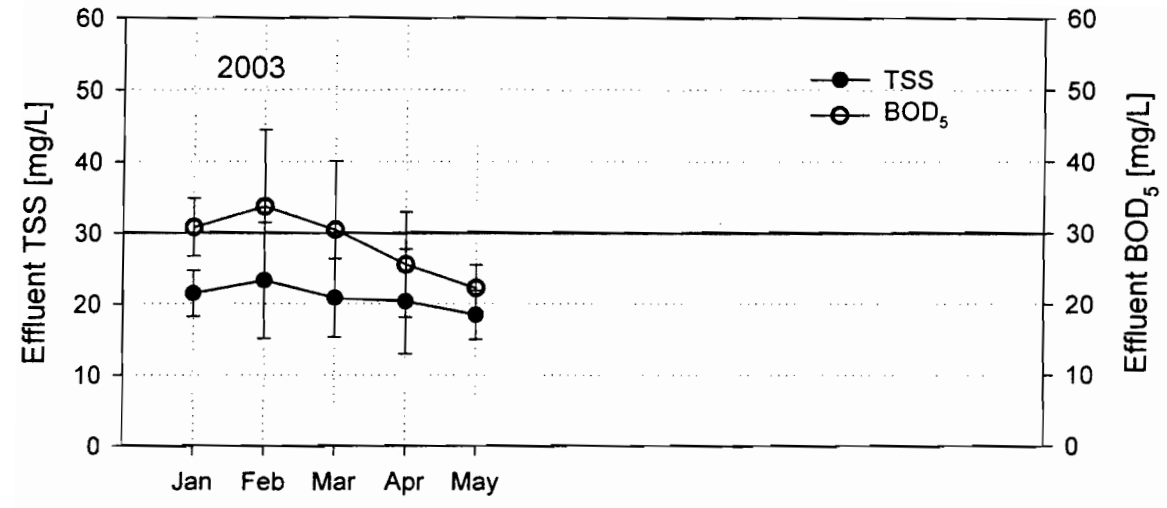
- CTP:**
- Implement manual trickling filter flushing procedure
 - 1 hour flushing from 12-1 daily at 100%
 - Manually set recirculation valve at 50% all other times
 - Slow down trickling filter arms during flushing to 20%
 - Once a week (on Wednesday) flush for 2 hours at peak flows
 - During wet weather – go back to wet weather procedure
 - Improve sludge pumping from primary clarifier 1 and 2



Effluent TSS and BOD₅ distribution for CTP

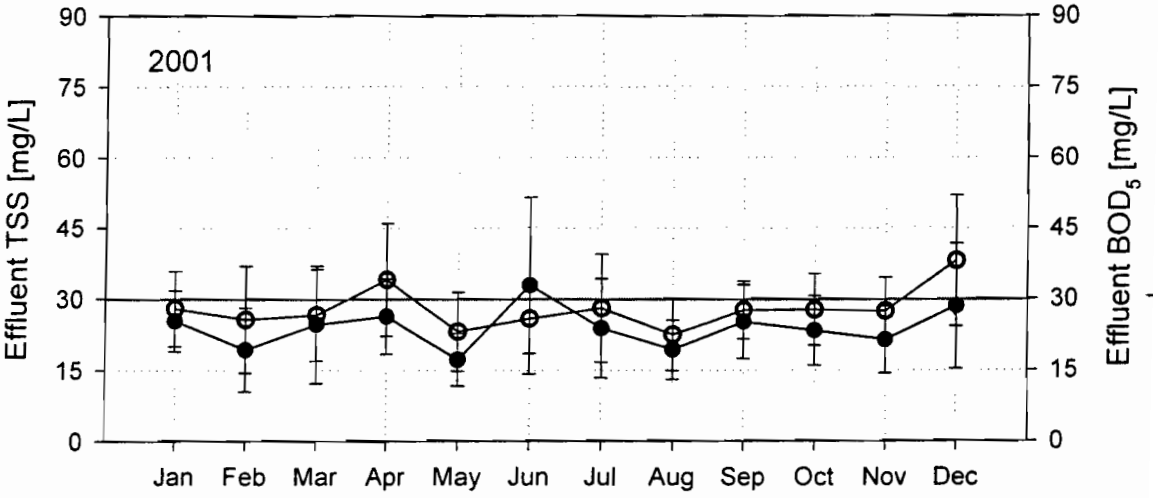
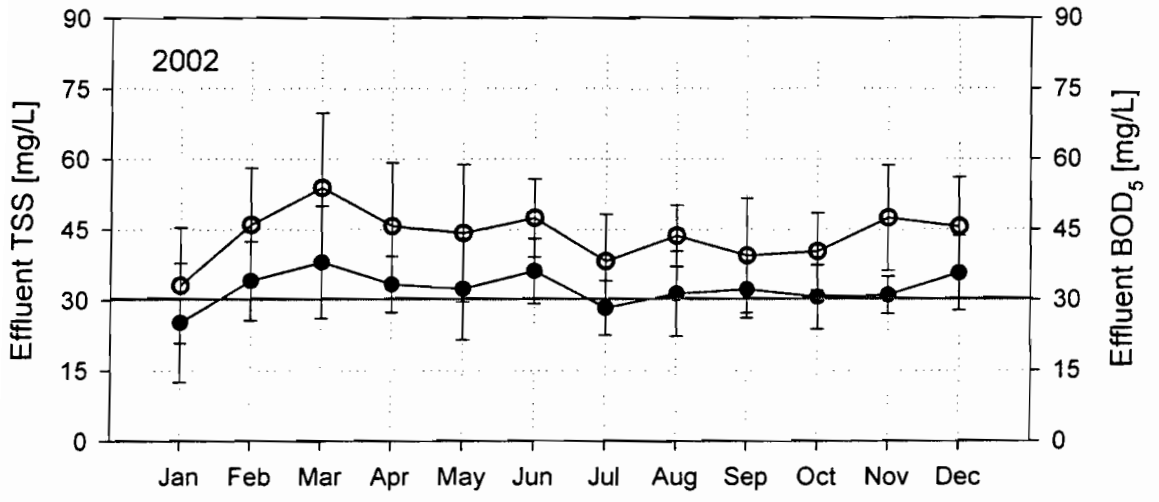
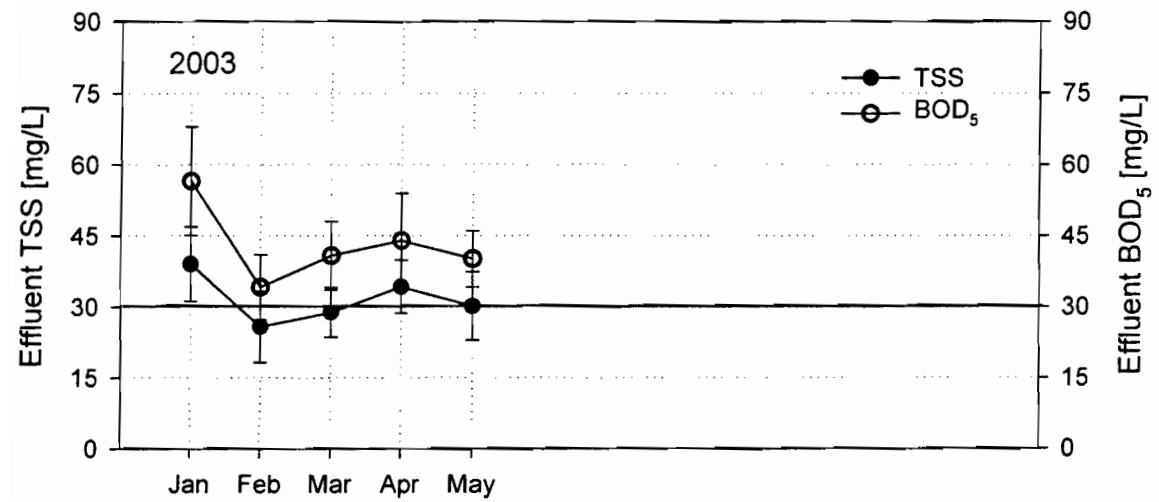


Effluent TSS and BOD₅ distribution for STP



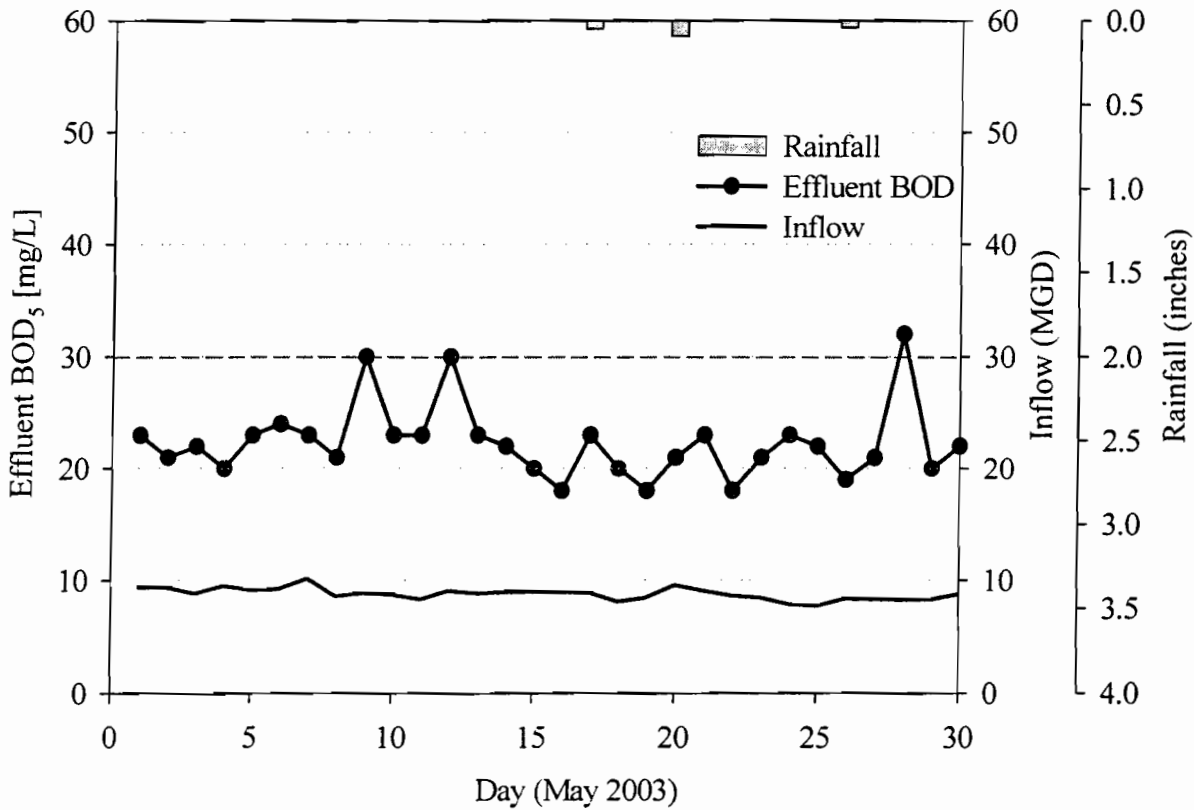
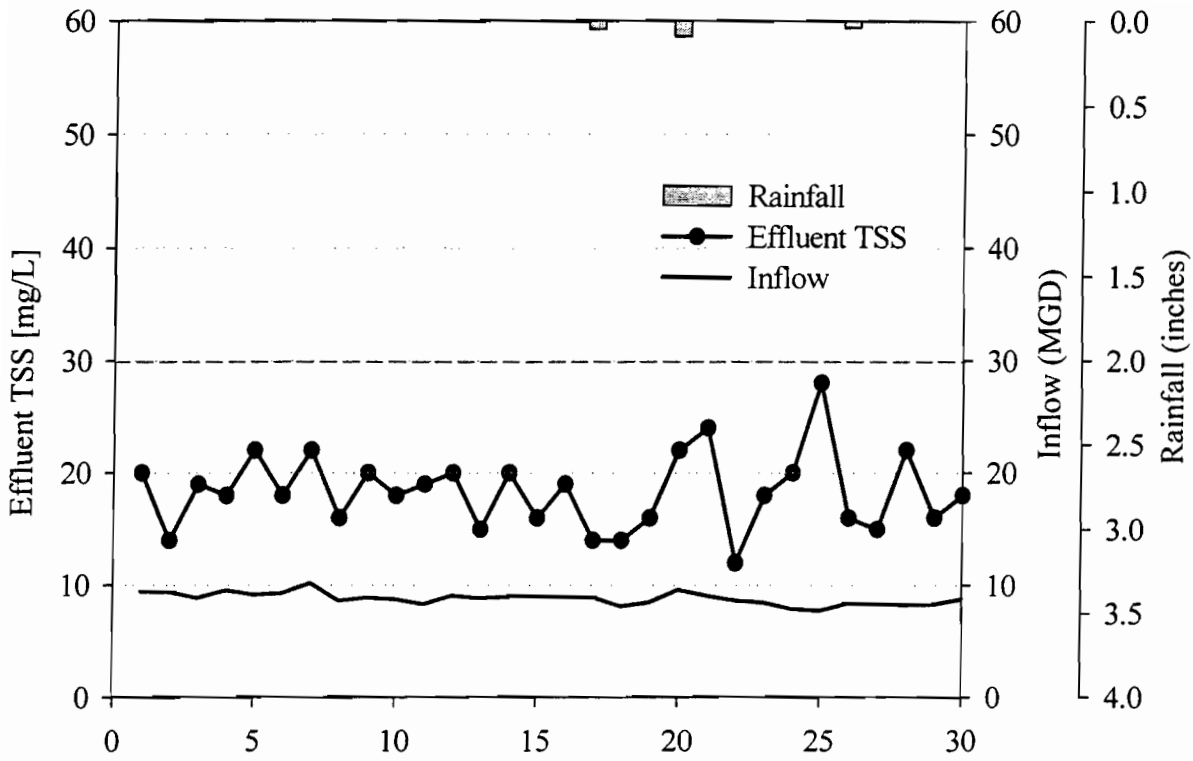
Month

Effluent Trends at CTP in Baton Rouge, LA

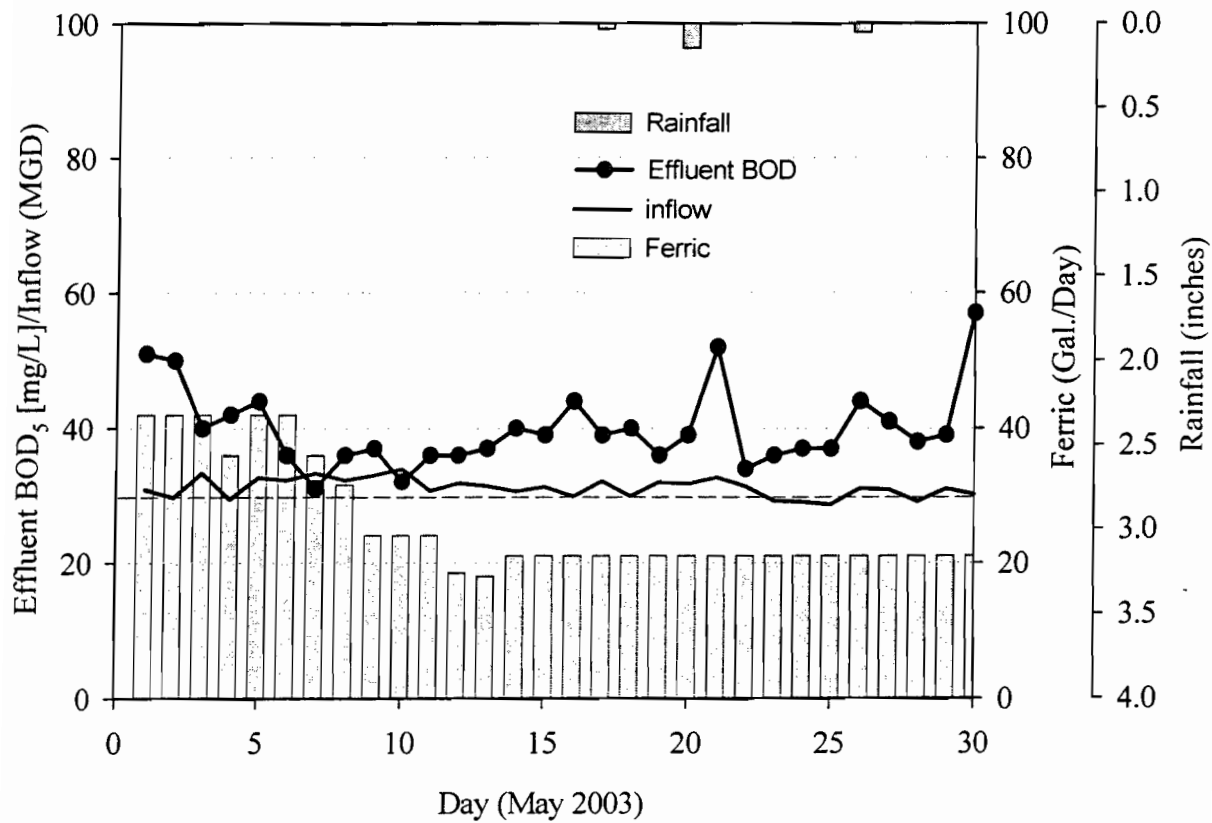
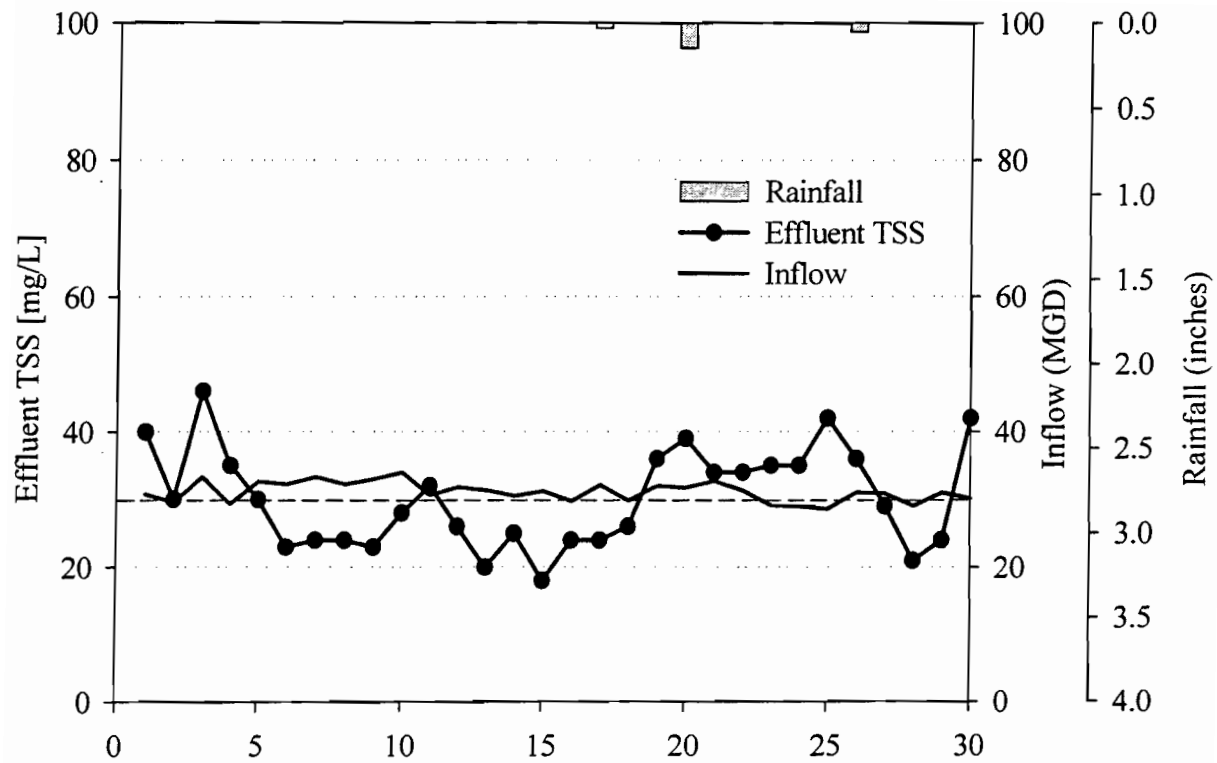


Month

Effluent Trends at STP in Baton Rouge, LA



Rainfall effect on the plant performance - CTP (May 2003)



Rainfall effect on the plant performance - STP (May 2003)

UPCOMING GOALS FOR APRIL 2003:

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