LPDES PERMIT NO. LA0062600 and AGENCY INTEREST NO. 585

LPDES FACT SHEET and RATIONALE
FOR THE DRAFT LOUISIANA POLLUTANT DISCHARGE ELIMINATION SYSTEM (LPDES) PERMIT TO DISCHARGE TO WATERS OF LOUISIANA

I. Company/Facility Name: Cleco Power, L.L.C.
Dolet Hills Power Station
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Mansfield, Louisiana 71052

II. Issuing Office: Louisiana Department of Environmental Quality (LDEQ)
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Date Prepared: February 13, 2006

IV. Permit Action/Status:

A. Reason For Permit Action:

Proposed reissuance of a Louisiana Pollutant Discharge Elimination System (LPDES) permit for a 5-year term following regulations promulgated at LAC 33:IX.2711/40 CFR 122.46*.

* In order to ease the transition from NPDES to LPDES permits, dual regulatory references are provided where applicable. The LAC references are the legal references while the 40 CFR references are presented for informational purposes only. In most cases, LAC language is based on and is identical to the 40 CFR language. 40 CFR Parts 401, and 405-471 have been adopted by reference at LAC 33:IX.4903 and will not have dual references. In addition, state standards (LAC 33:IX.Chapter 11) will not have dual references.

LAC 33:IX Citations: Unless otherwise stated, citations to LAC 33:IX refer to promulgated regulations listed at Louisiana Administrative Code, Title 33, Part IX.

40 CFR Citations: Unless otherwise stated, citations to 40 CFR refer to promulgated regulations listed at Title 40, Code of Federal Regulations in accordance with the dates specified at LAC 33:IX.4901, 4903, and 2301.F.

B. LPDES permit: Effective date - June 1, 2001
Expiration date - May 31, 2006
EPA has not retained enforcement authority.

C. Application received date: LPDES application received on November 28, 2005

V. Facility Information:

A. Location - 963 Power Plant Road, Mansfield, Desoto Parish

B. Applicant Activity - According to the application the CLECO Corporation Dolet Hills Power Station is a steam electric generating facility with a total generating capacity of 720 megawatts.

The facility utilizes a makeup pond that receives water from the Toledo Bend Reservoir. The facility plans to utilize water from the secondary ash basins as an alternative means of makeup water.

Stormwater from the site is covered under a Multisector-stormwater general permit (LAR05N188).

C. Technology Basis - (40 CFR Chapter 1, Subchapter N/Parts 401-402, and 404-471 have been adopted by reference at LAC 33:IX.4903)

Guideline	Reference
Steam Electric Power Generating	40 CFR 423

Other sources of technology based limits:
- LPDES Class II Sanitary General Permit (LAG540000).
- Best Professional Judgement

D. Fee Rate -
1. Fee Rating Facility Type: Major
2. Complexity Type: IV
3. Wastewater Type: III
4. SIC code: 4911

E. Facility effluent flow - (Max 30-Day) The facility's primary outfall (Outfall 001) discharges approximately 1.25 MGD

VI. Receiving Waters: Red River, Mundy Bayou, and Sawmill Creek

A. Red River: Receiving waters for Outfalls 001, 002, 003, 005, 006, 007, 008 and 012

1. TSS (15%), mg/L: 24 mg/l
2. Average Hardness, mg/L $CaCO_3$: 187 mg/l
3. Critical Flow, cfs: 1,344.25 cfs
4. Mixing Zone Fraction: 1/3
5. Harmonic Mean Flow, cfs: 7,760.88 cfs
6. River Basin: Red River, Segment No. 100101
7. Designated Uses:
   primary contact recreation, secondary contact recreation, fish and wildlife propagation, drinking water supply, agriculture

Information based on the following: Water Quality Management Plan, Volume 5A, 1994; LAC 33:IX Chapter 11;/Recommendations from the Engineering Section. Hardness and 15% TSS data come from a sampling site on the Red River at the bridge on I-220, 0.9 mile east of the junction of I-220 and U.S. Hwy. 71, approximately 3.0 miles north of Shreveport listed in Hardness and TSS Data for All LDEQ Ambient Stations for the Period of Record as of February 2000, LeBlanc. Flow values for the Red River were obtained from the USGS flow monitoring station No. 07348500, near Shreveport.

B. Mundy Bayou: Receiving waters for Outfalls 002, 003, 004, 005, 006, 010, 011 and 012

1. River Basin: Red River, Segment No. 100606
2. Designated Uses:
   primary contact recreation, secondary contact recreation, fish and wildlife propagation, agriculture

C. Sawmill Creek: Receiving waters for Outfalls 009 and 012:

1. River Basin: Red River, Segment No. 100606
2. Designated Uses:
   primary contact recreation, secondary contact recreation, fish and wildlife propagation, agriculture

VII. Outfall Information:

Outfall 001

A. Type of wastewater - Cooling tower blowdown and basin overflow, maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater, and previously monitored effluents from Outfalls 002, 003, 005, 006, 007, 008 and 012

B. Location - at the point of discharge from the plant discharge collection pond (Latitude 32°02'08", Longitude 93°34'17").

C. Treatment - cooling tower blowdown treated by sedimentation only

D. Flow - Intermittent, (Max 30-Day) 1.25 MGD (the plant discharge collection pond has a retention capability of 24 hours or greater).

E. Receiving waters - Red River

F. Basin and segment - Red River Basin, Segment 100101

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 002

(Wastewater from the secondary ash settling pond is routed to the wastewater treatment system when further treatment of the water is deemed necessary. When this is done, the wastewater is eventually discharged to the Red River via final Outfall 001. However, if the discharge water quality is acceptable, it is either discharged to Mundy Bayou or pumped to the plant discharge collection pond. The plant discharge pond discharges to final Outfall 001. The secondary ash settling pond will also discharge to Mundy Bayou during periods of overflow.)

A. Type of wastewater - Discharge from the secondary ash settling pond consisting of low volume waste (demineralizer and pretreatment area drains, demineralizer regeneration waste, and pretreatment clarifier blowdown), ash laden water, stormwater runoff from ash basins #1 and #2, previously monitored hydrostatic test water from Outfall 012, previously monitored sanitary wastewater from Outfall 006, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

B. Location - At the point of discharge from the secondary ash settling pond prior to discharge into the plant discharge collection pond or prior to discharge into Mundy Bayou. (Latitude 32°01'58", Longitude 93°33'46").

C. Treatment - When discharge water quality is unacceptable, it is routed through the wastewater treatment system where treatment consists of pH adjustment, flocculation and filtration. During periods of overflow of the secondary ash settling pond and also when discharge water quality is acceptable, the treatment consists of sedimentation only.

D. Flow - Intermittent, (Max 30-Day) 1.46 MGD

E. Receiving waters - Red River (via Final Outfall 001) or Mundy Bayou (via Outfall 002)

F. Basin and segment - Red River Basin, Segment 100101 (via final Outfall 001) or Segment 100606 (via Outfall 002)

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 003

(Wastewater from the lignite pile runoff basin is routed to the wastewater treatment system when further treatment of the wastewater is deemed necessary. When this is done, the wastewater is eventually discharged to the Red River via final Outfall 001. However, if the discharge water quality is acceptable, the wastewater from the lignite pile runoff basin is discharged to Mundy Bayou. The lignite pile runoff basin will also discharge to Mundy Bayou during periods of overflow.)

A. Type of wastewater - Discharge from the lignite pile runoff basin consisting of stormwater runoff from the lignite piles; filter backwash; demineralizer backwash; vehicle washwater; stormwater from the liquid fuel containment area, lignite handling and transfer area, and equipment storage area; previously monitored boiler blowdown from Outfall 005; previously monitored hydrostatic test water from Outfall 012; and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater.

B. Location - At the point of discharge from the lignite pile runoff basin prior to discharge into the plant discharge collection pond or prior to discharge into Mundy Bayou. (Latitude 32°02'05", Longitude 93°33'59").

C. Treatment - When discharge water quality is unacceptable, it is routed through the wastewater treatment system where treatment consists of pH adjustment, flocculation and filtration. During periods of overflow of the lignite pile runoff basin and also when discharge water quality is acceptable, the wastewater is discharged to Mundy Bayou; in these instances treatment consists of sedimentation only.

D. Flow - Intermittent, (Max 30-Day) 3.03 MGD

E. Receiving waters - Red River (via final Outfall 001) or Mundy Bayou (via Outfall 003)

F. Basin and segment - Red River Basin, Segment 100101 (via final Outfall 001) or Segment 100606 (via Outfall 003)

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 004

A. Type of wastewater - Discharge from the limestone area runoff basin consisting of stormwater runoff from the limestone storage area, previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

B. Location - At the point of discharge from the limestone area runoff basin prior to discharge into Mundy Bayou (Latitude 32°02'10", Longitude 93°34'34").

C. Treatment - Sedimentation

D. Flow - Intermittent, (Max 30-Day) 0.87 MGD

E. Receiving waters - Mundy Bayou

F. Basin and segment - Red River Basin, Segment 100606

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 005

A. Type of wastewater - Boiler blowdown and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

B. Location - At the point of discharge of boiler blowdown from the main and auxiliary boilers prior to discharge into the lignite pile runoff basin (Latitude 32°01'57", Longitude 93°34'08").

C. Treatment - treatment of boiler feed water consists of treatment of boiler feed water consists of clarification, filtration and demineralization

D. Flow - Continuous, (Max 30-Day) 0.028 MGD

E. Receiving waters - Red River (via final Outfall 001) or Mundy Bayou (via Outfall 003)

F. Basin and segment - Red River Basin, Segment 100101 (via final Outfall 001) or Segment 100606 (via Outfall 003)

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 006

A. Type of wastewater - Sanitary wastewater

B. Location - At the point of discharge from the treatment facility prior to discharge into the secondary ash settling pond (Latitude 32°01'52", Longitude 93°34'05").

C. Treatment - sewage treatment plant (activated sludge, and chlorination)

D. Flow - Intermittent, (Max 30-Day) 0.007 MGD

E. Receiving waters - Red River (via final Outfall 001) or Mundy Bayou (via Outfall 002)

F. Basin and segment - Red River Basin, Segment 100101 (via final Outfall 001) or Segment 100606 (via Outfall 002)

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 007

A. Type of wastewater - Metal cleaning wastewater sources (chemical and non-chemical), previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

B. Location - At the point of discharge from the wastewater treatment facility prior to discharge into the plant discharge collection pond (Latitude 32°01'54", Longitude 93°34'20").

C. Treatment - pH adjustment, precipitation, sedimentation

D. Flow - Intermittent, (Max 30-Day) 0.225 MGD

E. Receiving waters - Red River (via final Outfall 001)

F. Basin and segment - Red River Basin, Segment 100101

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 008

A. Type of wastewater - Low volume wastewater sources including but not limited to turbine room drains, turbine oil area drains, transformer drains, fuel oil area drains, demineralizer and pretreatment drains and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

B. Location - At the point of discharge from the drain collector pit prior to discharge into the plant discharge collection pond (Latitude 32°02'01", Longitude 93°34'10").

C. Treatment - Oil/water separator

D. Flow - Continuous, (Max 30-Day) 0.183 MGD

E. Receiving waters - Red River (via final Outfall 001)

F. Basin and segment - Red River Basin, Segment 100101

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 009

A. Type of wastewater - Makeup water holding pond discharge (water pumped from the Toledo Bend Reservoir), rainwater, and previously monitored hydrostatic test water from Outfall 012

B. Location - At the point of discharge from the makeup water holding pond prior to discharge into Sawmill Creek (Latitude 32°01'56", Longitude 93°35'04").

C. Treatment - none

D. Flow - Continuous, (Max 30-Day) 0.169 MGD

E. Receiving waters - Sawmill Creek

F. Basin and segment - Red River Basin, Segment 100606

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 010

A. Type of wastewater - Discharge from the fly ash/FGD landfill settling pond consisting of stormwater runoff from the fly ash/FGD landfill), previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

B. Location - At the point of discharge prior from the fly ash/FGD landfill settling pond prior to discharge into Mundy Bayou (Latitude 32°01'15", Longitude 93°33'59").

C. Treatment - sedimentation

D. Flow - Intermittent, (Max 30-Day) 0.839 MGD

E. Receiving waters - Mundy Bayou

F. Basin and segment - Red River Basin, Segment 100606

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 011

A. Type of wastewater - Discharge from the surge ponds consisting of FGD sludge treatment system process upset flows, runoff from FGD areas, wastewater treatment system overflows, drains and gravity sand filter backwash, stormwater runoff, previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

B. Location - At the point of discharge from the surge ponds prior to discharge into Mundy Bayou (Latitude 32°01'49", Longitude 93°34'24").

C. Treatment - sedimentation

D. Flow - Outfall 011 never actually discharges from the surge ponds. However, this Outfall will remain in the permit due to the potential for discharge.

E. Receiving waters - Mundy Bayou

F. Basin and segment - Red River Basin, Segment 100606

G. Effluent Data - See attached pages from the November 28, 2005 LPDES permit application (Appendix A).

Outfall 012

A. Type of wastewater - Hydrostatic test water

B. Location - At the point of discharge from the vessel being tested prior to combining with other waters.

C. Treatment - None

D. Flow - Intermittent and variable

E. Receiving waters - May be discharged to either Mundy Bayou, Sawmill Creek or Red River (via discharge to Outfalls 001, 002, 003, 004, 007, 008, 009, 010, or 011)

F. Basin and segment - Red River Basin, Segment 100606 or Segment 100101

G. Effluent Data - This discharge is proposed; therefore, no effluent data was provided.

VIII. Proposed Permit Limits and Rationale:

The specific effluent limitations and/or conditions will be found in the draft permit. Development and calculation of permit limits are detailed in the Permit Limit Rationale section below.

A. Summary of proposed changes from the current LPDES permit:

1. Maintenance wastewaters have been added to permit to be discharged via numerous outfalls.

2. Outfall 012 - This outfall for hydrostatic test waters has been added to the permit.

3. Outfall 001 - The flow effluent limitations have been removed in the permit to require reporting of flow only. Because flow is not a pollutant as defined by LAC 33:IX.2313, anti-backsliding does not apply.

4. Outfalls 007 and 011 - The monitoring frequency for all parameters at these outfalls has been changed to once/discharge because these outfalls rarely discharge.

5. Outfall 001 - The monitoring frequencies for free available chlorine and total zinc have been reduced to 1/2 months and 1/quarter, respectively. These reductions are based upon the April 1996, Interim Guidance for Performance-Based Reduction of NPDES Permit Monitoring Frequencies.

6. Outfall 002 - The monitoring frequencies for TSS and Oil & Grease have been reduced to 2/month and 1/2 months, respectively. These reductions are based upon the April 1996, Interim Guidance for Performance-Based Reduction of NPDES Permit Monitoring Frequencies.

7. Outfall 003 - The monitoring frequency for TSS has been reduced to 2/month. This reductions is based upon the April 1996, Interim Guidance for Performance-Based Reduction of NPDES Permit Monitoring Frequencies.

8. Outfall 005 - The monitoring frequencies for TSS and Oil & Grease have been reduced to 1/2 months. These reductions are based upon the April 1996, Interim Guidance for Performance-Based Reduction of NPDES Permit Monitoring Frequencies.

9. Outfall 008 - The monitoring frequencies for TSS and Oil & Grease have been reduced to 2/month. These reductions are based upon the April 1996, Interim Guidance for Performance-Based Reduction of NPDES Permit Monitoring Frequencies.

10. Outfall 010 - The monitoring frequencies for TSS and Oil & Grease have been reduced to 2/month and 1/2 months, respectively. These reductions are based upon the April 1996, Interim Guidance for Performance-Based Reduction of NPDES Permit Monitoring Frequencies.

The following section sets forth the principal facts and the significant factual, legal, methodological, and policy questions considered in preparing the draft permit. Also set forth are any calculations or other

explanations of the derivation of specific effluent limitations and conditions, including a citation to the applicable effluent limitation guideline or performance standard provisions as required under LAC 33:IX.2707/40 CFR Part 122.44 and reasons why they are applicable or an explanation of how the alternate effluent limitations were developed.

B. TECHNOLOGY-BASED VERSUS WATER QUALITY STANDARDS-BASED EFFLUENT LIMITATIONS AND CONDITIONS

Following regulations promulgated at LAC 33:IX.2707.L.2.b/40 CFR Part 122.44(l)(2)(ii), the draft permit limits are based on either technology-based effluent limits pursuant to LAC 33:IX.2707.A/40 CFR Part 122.44(a) or on State water quality standards and requirements pursuant to LAC 33:IX.2707.D/40 CFR Part 122.44(d), whichever are more stringent.

TECHNOLOGY-BASED EFFLUENT LIMITATIONS AND CONDITIONS

Regulations promulgated at LAC 33:IX.2707.A/40 CFR Part 122.44(a) require technology-based effluent limitations to be placed in LPDES permits based on effluent limitations guidelines where applicable, on BPJ (best professional judgement) in the absence of guidelines, or on a combination of the two. The following is a rationale for types of wastewaters. See outfall information descriptions for associated outfalls in Section VII.

Cleco Power, L.L.C./Dolet Hills Power Station is subject to Best Practicable Control Technology Currently Available (BPT) and Best Available Technology Economically Achievable (BAT) effluent limitation guidelines listed below:

Manufacturing Operation	Guideline
Steam Electric Power Generating	40 CFR 423

Proposed effluent limitations and basis of permit limitations are found below:

Outfall 001 - Cooling tower blowdown and basin overflow, maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater, and previously monitored effluents from Outfalls 002, 003, 005, 006, 007, 008 and 012

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	Continuous	LAC 33:IX.2707.I.1.b
Temperature	Report °F	115°F	Continuous	Previous permit
Free Available Chlorine	0.2 mg/l (*1)	0.50 mg/l (*1)	1/2 months (*2)	40 CFR 423.13(d)(1), and previous permit
Phosphorus	5.0 mg/l (*1)	5.0 mg/l (*1)	1/year	Previous permit

Total Chromium	0.2 mg/l (*1)	0.2 mg/l (*1)	1/year	40 CFR 423.13(d)(1)
Total Zinc	1.0 mg/l (*1)	1.0 mg/l (*1)	1/quarter (*2)	40 CFR 423.13(d)(1)
Biomonitoring	See Section E (Biomonitoring Requirements) below	See Section E (Biomonitoring Requirements) below	1/3 months	See Section E (Biomonitoring Requirements) below

(*1) In accordance with 423.13(g), limitations have been established in concentration only.

(*2) See Section VIII.F below.

Outfall 002 - Discharge from the secondary ash settling pond consisting of low volume waste (demineralizer and pretreatment area drains, demineralizer regeneration waste, and pretreatment clarifier blowdown), ash laden water, stormwater runoff from ash basins #1 and #2, previously monitored hydrostatic test water from Outfall 012, previously monitored sanitary wastewater from Outfall 006, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/day	LAC 33:IX.2707.I.1.b
TSS	30 mg/l (*1)	100 mg/l (*1)	2/month (*2)	40 CFR 423.12(b)(3), 40 CFR 423.12(b)(4), and previous permit
Oil & Grease	15 mg/l (*1)	20 mg/l (*1)	1/2 months (*2)	40 CFR 423.12(b)(3), 40 CFR 423.12(b)(4), and previous permit
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/week	40 CFR 423.12(b)(1), and previous permit

(*1) In accordance with 423.12(b)(11), limitations have been established in concentration only.

(*2) See Section VIII.F below.

Outfalls 003 - Discharge from the lignite pile runoff basin consisting of stormwater runoff from the lignite piles; filter backwash; demineralizer backwash; vehicle washwater; stormwater from the liquid fuel containment area, lignite handling and transfer area, and equipment storage area; previously monitored boiler blowdown from Outfall 005; previously monitored hydrostatic test water from Outfall 012; and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/day	LAC 33:IX.2707.I.1.b
TSS	---	50 mg/l	2/month (*1)	40 CFR 423.12(b)(9), and previous permit
COD	---	125 mg/l	1/week	BPJ, previous permit
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/week	40 CFR 423.12(b)(1), and previous permit

(*1) See Section VIII.F below.

Outfall 004 - Discharge from the limestone area runoff basin consisting of stormwater runoff from the limestone storage area, previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/day	LAC 33:IX.2707.I.1.b
TSS	---	50 mg/l	1/week	40 CFR 423.12(b)(9), and previous permit
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/week	40 CFR 423.12(b)(1), and previous permit

Outfall 005 - Boiler blowdown and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/day	LAC 33:IX.2707.I.1.b
TSS	30 mg/l (*1)	100 mg/l (*1)	1/2 months (*2)	40 CFR 423.12(b)(3), and previous permit
Oil & Grease	15 mg/l (*1)	20 mg/l (*1)	1/2 months (*2)	40 CFR 423.12(b)(3), and previous permit

(*1) In accordance with 423.12(b)(11), limitations have been established in concentration only.

(*2) See Section VIII.F below.

Outfall 006 - Sanitary wastewater

Parameter	Effluent Limitations		Monitoring Freq.	Reference(*1)
	Monthly Avg	*Weekly Avg*		
Flow	Report	Report	1/3 months	LAC 33:IX.2707.I.1.b
TSS	30	45 mg/l	1/3 months	Previous permit and LPDES Permit LAG540000
BOD	30	45 mg/l	1/3 months	Previous permit and LPDES Permit LAG540000
Fecal Coliform	200	400 col./100ml	1/3 months	Previous permit and LPDES Permit LAG540000
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/3 months	Previous permit and LPDES Permit LAG540000

(*1) Sanitary wastewaters are regulated in accordance with LAC 33:IX.711 or 709.B, by BPJ utilizing the sanitary general permits issued by this Office, and the Louisiana Water Quality Management Plan, Volume 8, Appendices A (Areawide Sanitary Effluent Limits Policy) and B (Statewide Sanitary Effluent Limits Policy), as applicable. Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD_5 and TSS in terms of concentration.

Outfall 007 - Metal cleaning wastewater sources (chemical and non-chemical), previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/discharge	LAC 33:IX.2707.I.1.b
TSS	30 mg/l (*1)	100 mg/l (*1)	1/discharge	40 CFR 423.12(b)(5), and previous permit
Oil & Grease	15 mg/l (*1)	20 mg/l (*1)	1/discharge	40 CFR 423.12(b)(5), and previous permit
Total Iron	1.0 mg/l (*1)	1.0 mg/l (*1)	1/discharge	40 CFR 423.12(b)(5), 40 CFR 423.13(e), and previous permit
Total Copper	1.0 mg/l (*1)	1.0 mg/l (*1)	1/discharge	40 CFR 423.12(b)(5), 40 CFR 423.13(e), and previous permit
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/discharge	40 CFR 423.12(b)(1), and previous permit

(*1) In accordance with 423.12(b)(11), limitations have been established in concentration only.

Outfall 008 - Low volume wastewater sources including but not limited to turbine room drains, turbine oil area drains, transformer drains, fuel oil area drains, demineralizer and pretreatment drains, previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/day	LAC 33:IX.2707.I.1.b
TSS	30 mg/l (*1)	100 mg/l (*1)	2/month (*2)	40 CFR 423.12(b)(3), and previous permit
Oil & Grease	15 mg/l (*1)	20 mg/l (*1)	2/month (*2)	40 CFR 423.12(b)(3), and previous permit

pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/week	40 CFR 423.12(b)(1), and previous permit

(*1) In accordance with 423.12(b)(11), limitations have been established in concentration only.

(*2) See Section VIII.F below.

Outfall 009 - Makeup water holding pond discharge (water pumped from the Toledo Bend Reservoir), rainwater, and previously monitored hydrostatic test water from Outfall 012

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/week	LAC 33:IX.2707.I.1.b
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/week	Previous permit

Outfall 010 - Discharge from the fly ash/FGD landfill settling pond consisting of stormwater runoff from the fly ash/FGD landfill), previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/day	LAC 33:IX.2707.I.1.b
TSS	30 mg/l (*1)	100 mg/l (*1)	2/month (*2)	40 CFR 423.12(b)(4), and previous permit
Oil & Grease	15 mg/l (*1)	20 mg/l (*1)	1/2 months (*2)	40 CFR 423.12(b)(4), and previous permit
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/week	40 CFR 423.12(b)(1), and previous permit

(*1) In accordance with 423.12(b)(11), limitations have been established in concentration only.

(*2) See Section VIII.F below.

Outfall 011 - Discharge from the surge ponds consisting of FGD sludge treatment system process upset flows, runoff from FGD areas, wastewater treatment system overflows, drains and gravity sand filter backwash, stormwater runoff, previously monitored hydrostatic test water from Outfall 012, and maintenance waters including fire systems test water, eye wash station and safety shower water, steam condenser water and general facility washwater

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Daily Max*		
Flow	Report	Report	1/discharge	LAC 33:IX.2707.I.1.b
TSS	30 mg/l (*1)	100 mg/l (*1)	1/discharge	40 CFR 423.12(b)(4), and previous permit
Oil & Grease	15 mg/l (*1)	20 mg/l (*1)	1/discharge	40 CFR 423.12(b)(4), and previous permit
pH	6.0 s.u. (Min)	9.0 s.u. (Max)	1/discharge	40 CFR 423.12(b)(1), and previous permit

(*1) In accordance with 423.12(b)(11), limitations have been established in concentration only.

Outfall 012 - Hydrostatic test water

Parameter	Effluent Limitations		Monitoring Freq.	Reference
	Monthly Avg	*Weekly Avg*		
Flow	Report	Report	1/discharge	LAC 33:IX.2707.I.1.b
TSS(*1)	---	90 mg/l	1/discharge	LPDES Hydrostatic Test Water General Permit (LAG670000)
TOC(*2)	---	50 mg/l	1/discharge	LPDES Hydrostatic Test Water General Permit (LAG670000)
Benzene (*3)(*4)	---	50 μg/l	1/discharge	LPDES Hydrostatic Test Water General Permit (LAG670000)
Total BTEX(*3)(*5)	---	250 μg/l	1/discharge	LPDES Hydrostatic Test Water General Permit (LAG670000)
Total Lead	---	50 μg/l	1/discharge	LPDES Hydrostatic Test Water General Permit (LAG670000)

(*1) TSS Monitoring shall take place at Outfall 012 only when discharging via Outfall 009 or 001.

(*2) TOC Monitoring shall take place at Outfall 012 only when discharging from existing or previously used vessels and discharging to Outfalls 001, 002, 003, 004, 007, 008, 010 and 011.

(*3) Sampling for Total Lead, Total BTEX and Benzene is only required when discharging hydrostatic test waters from existing pipes, tanks, vessels or equipment that have been used for the storage or transportation of liquid or gaseous hydrocarbons, ie diesel tanks or natural gas lines, etc.

(*4) For Discharge Monitoring Report calculations and reporting requirements for benzene, analytical test results less than 10 μg/l may be reported as zero.

(*5) Total BTEX shall be measured as the sum of Benzene, Toluene, Ethylbenzene and Total Xylene (including ortho-, meta-, and para-xylene) as quantifed by EPA methods 601, 602, and 1624.

D. WATER QUALITY-BASED EFFLUENT LIMITATIONS

Technology-based effluent limitations were screened against state water quality numerical standard based limits by following guidance procedures established in the Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards, LDEQ, September 27, 2001. Calculations, results, and documentation are given in Appendix C.

In accordance with 40 CFR 122.44(d)(1)/LAC 33:IX.2707.D.1 the existing (or potential) discharge(s) was evaluated in accordance with the Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards, LDEQ, September 27, 2001, to determine whether pollutants would be discharged "at a level which will cause, have the reasonable potential to cause, or contribute to an excursion above any water quality standard." Calculations, results, and documentation are given in Appendix C.

The following pollutants received water quality based effluent limits:

None

Minimum quantification levels (MQL's) for state water quality numerical standards-based effluent limitations are set at the values listed in the Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards, LDEQ, September 27, 2001. They are also listed in Part II of the permit.

To further ensure compliance with 40 CFR 122.44(d)(1), whole effluent toxicity testing has been established for Outfalls 001 (See Section VIII.E below).

E. BIOMONITORING REQUIREMENTS

It has been determined that there may be pollutants present in the effluent which may have the potential to cause toxic conditions in the receiving stream. The State of Louisiana has established a narrative criteria which states, "toxic substances shall not be present in quantities that alone or in combination will be toxic

to plant or animal life." The Office of Environmental Services requires the use of the most recent EPA biomonitoring protocols.

Whole effluent biomonitoring is the most direct measure of potential toxicity which incorporates both the effects of synergism of effluent components and receiving stream water quality characteristics. Biomonitoring of the effluent is, therefore, required as a condition of this permit to assess potential toxicity. The biomonitoring procedures stipulated as a condition of this permit for Outfall 001 are as follows:

TOXICITY TESTS	FREQUENCY [1]
NOEC, Pass/Fail [0/1], Lethality, Static Renewal, 48-Hour Acute, Pimephales promelas	1/3 months [2]
NOEC, Value [%], Lethality, Static Renewal, 48-Hour Acute, Pimephales promelas	1/3 months [2]
NOEC, Value [%] Coefficient of Variation, Static Renewal 48-Hour Acute, Pimephales promelas	1/3 months [2]
NOEC, Pass/Fail [0/1], Lethality, Static Renewal 48-Hour Acute, Daphnia pulex	1/3 months [3]
NOEC, Value [%], Lethality, Static Renewal 48-Hour Acute Daphnia pulex	1/3 months [3]
NOEC, Value [%] Coefficient of Variation, Static Renewal 48-Hour Acute, Daphnia pulex	1/3 months [3]

(1) The permittee must collect the 24-hour composite samples such that the effluent samples are representative of any periodic episode of chlorination, biocide usage or other potentially toxic substance discharged on an intermittent basis. However, if no biofouling agent or chlorine is used during the monitoring period, the permittee must still conduct the required quarterly testing.

(2) If lethal effects are not exhibited at the critical dilution after the first year of biomonitoring, the monitoring frequency shall be reduced to once per year.

(3) If lethal effects are not exhibited at the critical dilution after the first year of biomonitoring, the monitoring frequency shall be reduced to once per six months.

Toxicity tests shall be performed in accordance with protocols described in the latest revision of the "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms." The stipulated test species are appropriate to measure the toxicity of the effluent consistent with the requirements of the State water quality standards. The biomonitoring frequency has been established to reflect the likelihood of ambient toxicity and to provide data representative of the toxic potential of the facility's discharge in accordance with regulations promulgated at LAC 33:IX.2715/40 CFR Part 122.48.

Results of all dilutions as well as the associated chemical monitoring of pH, temperature, hardness, dissolved oxygen, conductivity, and alkalinity shall be documented in a full report according to the test method publication mentioned in the previous paragraph. The permittee shall submit a copy of the first full report to this Office. The full report and subsequent reports are to be retained for three (3) years following the provisions of Part III.C.3 of this permit. The permit requires the submission of certain toxicity testing information as an attachment to the Discharge Monitoring Report.

This permit may be reopened to require effluent limits, additional testing, and/or other appropriate actions to address toxicity if biomonitoring data show actual or potential ambient toxicity to be the result of the permittee's discharge to the receiving stream or water body. Modification or revocation of the permit is subject to the provisions of LAC 33:IX.3105/40 CFR 124.5. Accelerated or intensified toxicity testing may be required in accordance with Section 308 of the Clean Water Act.

Dilution Series

The permit requires five (5) dilutions in addition to the control (0% effluent) to be used in the toxicity tests. The additional effluent concentrations shall be 1.8%, 2.4%, 3.2%, 4.3%, and 5.7% effluent. The low-flow effluent concentration (critical dilution) is defined as 4.3% effluent.

F. CONSIDERATION OF MONITORING FREQUENCY REDUCTIONS

Several monitoring frequencies noted above in Section VIII.B have been reduced based upon the April, 1996, Interim Guidance for Performance-Based Reduction of NPDES Permit Monitoring Frequencies. The guidance was prepared in response to the President's Regulatory Reinvention Initiative to reduce the reporting and monitoring burden on the regulated community. Consideration was given for TSS, Oil & Grease, Total Zinc and Free Available Chlorine at the outfalls noted above (in Section VIII.B). These monitoring frequency reductions have been established in the draft permit because the permittee has demonstrated an ability to consistently reduce pollutants in the discharge below the levels necessary to meet existing permit requirements.for the respective outfalls. Two years of data was reviewed and the composite average of this data was compared to the permit limit to determine the potential monitoring frequency reduction.

IX. Compliance History:

A. Compliance History: The facility was issued a Warning Letter (WE-L-04-0213) on March 29, 2004. In a memo dated February 14, 2005, the Compliance Division reviewed the areas of concern from the Warning Letter and determined that there will be no further action taken.

B. DMR Review: DMRs were reviewed for the period January 2003 - January 2006. The following excursions were reported.

Date	Parameter	Outfall	Reported Value	Permit Limits
Sept. 30, 2003	TSS	005	65.57 : 229 mg/l	30 : 100 mg/l

X. Endangered Species:

The receiving waterbodies, Subsegments 100101 and 100606 of the Red River Basin are not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated October 21, 2005 from Watson (FWS) to Gautreaux (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

XI. Historic Sites:

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

XII. Tentative Determination:

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to reissue a permit for the discharge described in the application.

XIII. Variances:

No requests for variances have been received by this Office.

XIV. Public Notices:

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the fact sheet. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

A public notice will be published in a local newspaper of general circulation and in the Office of Environmental Services Public Notice Mailing List

XV. 316(b) Requirements:

The Dolet Hills Power Station is an existing electric generating facility that operates a cooling water intake structure on Toledo Bend Reservoir. The intake structure has a total design capacity of approximately 15.98 MGD. In preparing the renewal LPDES permit for the Dolet Hills Power Station, this Office determined that in accordance with 40 CFR 125.91(a) and LAC 33:IX.4733, the facility is not regulated by the 316(b) Phase I or Phase II rule for cooling water intake structures because it is an existing facility that has a design intake capacity of less than 50 MGD.

XVI. 303(d) Listed Waterbodies:

The Dolet Hills Power Station discharges to both Segment 100101 and Segment 100606.

Segment 100101 is listed on LDEQ's Final 2004 303(d) List, as impaired for Color. To date no TMDL's have been completed for this waterbody. A reopener clause will be established in the permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDL's. Until completion of TMDLs for the Red River Basin, those suspected causes of impairment which are not directly attributed to the steam electric generating point source category have been eliminated in the formulation of effluent limitations and other requirements in this permit. Color is not a pollutant associated with discharges from the Dolet Hills Power Station; therefore, no effluent limitations have been established in the permit.

Segment 100606 is listed on LDEQ's Final 2004 303(d) List, as impaired for nutrients (Nitrate + Nitrite), organic enrichment/low DO, and phosphorus. To date no TMDL's have been completed for this waterbody. LDEQ has determined that these impairments are due to natural conditions; therefore, the development of water quality use attainability analyses (UAA) are needed. Until such time that UAAs are completed for the impairments, or until a TMDL is completed, a reopener clause will be established in the permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDL's. No additional effluent limitations have been established in the permit.

XVII. Storm Water Pollution Prevention Plan (SWP3) Requirements:

In accordance with LAC 33:IX.2707.I.3 and 4 [40 CFR 122.44(I)(3) and (4), a Part II condition is proposed for applicability to all stormwater discharges from the facility, either through permitted outfalls or through outfalls which are not listed in the permit or as sheet flow. The Part II condition requires a Storm Water Pollution Prevention Plan (SWP3) within six (6) months of the effective date of the final permit, along with other requirements. If the permittee maintains other plans that contain duplicative information, that plan could be incorporated by reference into the SWP3. Examples of these types plans include, but are not limited to: Spill Prevention Control and Countermeasure Plans (SPCC), Best Management Plans (BMP), Resource Plans, etc. The conditions will be found in the draft permit. Including Best Management Practice (BMP) controls in the form of a SWP3 is consistent with other LPDES and EPA permits regulating similar discharges of storm water associated with industrial activity, as defined at LAC 33:IX.2511.B.14 [40 CFR 122.26(b)(14)].

Appendix A

Effluent Data

Outfall 001

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

OUTFALL NUMBER 001

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG. VALUE (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	2	13	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	140	933	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	52	347	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	54.0	360.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 1.334	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	2.354	VALUE	1.249	VALUE	0.919	Cont. Record	MGD	NA	NA	NA	NA
g. Temperature (summer) See Footnote (1)	VALUE	101.32	VALUE	97.67	VALUE	91.95	Cont. Record	°F	NA	NA	NA	NA
h. Temperature (winter) See Footnote (1)	VALUE	92.15	VALUE	87.64	VALUE	76.76	Cont. Record	°F	NA	NA	NA	NA
	MINIMUM	MAXIMUM	[redacted]									
i. pH	6.30	8.60					52	S.U.	NA	NA	NA	NA

Part B

2. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG. VALUE (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.4	2.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		75.0	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)	X		1.64	10.93	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		4.32	28.80	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease		X	< 5.00	< 33.34	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)	X		< 1.00	< 6.67	< 1.00	< 6.67	< 0.76	< 4.09	2	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
j. Radioactivity beta, Total		X												
j. Radioactivity Radium, Total		X												
j. Radioactivity Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		862	5748	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
l. Sulfide (as S)		X	< 0.500	< 3.334	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
m. Sulfite (as SO_3) (14265-45-3)	X		25.0	166.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
n. Surfactants		X	< 0.2	< 1.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Aluminum, Total (7429-90-5)	X		0.532	3.547	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Barium, Total (7440-33-3)	X		0.544	3.627	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Boron, Total (7440-42-8)	X		1.300	8.668	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Cobalt, Total (7440-48-4)	X		0.00198	0.01320	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Iron, Total (7439-89-6)	X		1.08	7.20	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Magnesium, Total (7439-95-4)	X		51.6	344.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Molybdenum, Total (7439-98-7)	X		0.0681	0.4541	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Manganese, Total (7439-96-5)	X		0.954	6.361	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Tin, Total (7440-31-5)		X	< 0.100	< 0.667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Titanium, Total (7440-32-6)		X	< 0.0100	< 0.0667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted] OUTFALL NUMBER 001

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG VALUE (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	2	13	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	140	933	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	52	347	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	54.0	360.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 1.334	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	2.354	VALUE	1.249	VALUE	0.919	Cont. Record	MGD	NA	NA	NA	NA
g. Temperature (summer) See Footnote (1)	VALUE	101.32	VALUE	97.67	VALUE	91.95	Cont. Record	°F	NA	NA	NA	NA
h. Temperature (winter) See Footnote (1)	VALUE	92.15	VALUE	87.64	VALUE	76.76	Cont. Record	°F	NA	NA	NA	NA
i. pH	MINIMUM	MAXIMUM	[redacted]									
	6.30	8.60					52	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG VALUE (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.4	2.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		75.0	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)	X		1.64	10.93	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		4.32	28.80	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease		X	< 5.00	< 33.34	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)	X		< 1.00	< 6.67	< 1.00	< 6.67	< 0.76	< 4.69	2	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
j. Radioactivity beta, Total		X												
j. Radioactivity Radium, Total		X												
j. Radioactivity Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		862	5748	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
l. Sulfide (as S)		X	< 0.500	< 3.334	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
m. Sulfite (as SO_3) (14265-45-3)	X		25.0	166.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
n. Surfactants		X	< 0.2	< 1.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Aluminum, Total (7429-90-5)	X		0.532	3.547	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Barium, Total (7440-33-3)	X		0.544	3.627	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Boron, Total (7440-42-8)	X		1.300	8.668	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Cobalt, Total (7440-48-4)	X		0.00198	0.01320	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Iron, Total (7439-89-6)	X		1.08	7.20	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Magnesium, Total (7439-95-4)	X		51.6	344.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Molybdenum, Total (7439-98-7)	X		0.0681	0.4541	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Manganese, Total (7439-96-5)	X		0.954	6.361	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Tin, Total (7440-31-5)		X	< 0.100	< 0.667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Titanium, Total (7440-32-6)		X	< 0.0100	< 0.0667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 001

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG VALUE (1) CONC.	a. LONG TERM AVG VALUE (2) MASS	b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.00667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.0130	0.0867	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X		X	< 0.00100	< 0.00667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	< 0.00667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X	X		0.010	0.051	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.0217	0.1447	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.00667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.001334	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.0144	0.0960	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X	X		0.00340	0.02267	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.00667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X	X		0.052	0.246	0.052	0.246	< 0.026	< 0.153	12	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X	X		0.00628	0.04187	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X		X	< 0.0500	< 0.3334	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 0.667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 0.667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.067	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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OUTFALL NUMBER 001

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG VALUE (1) CONC	a. LONG TERM AVG VALUE (2) MASS	b. NO OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1-Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2-Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0333	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4-Dichlorophenol (120-83-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4-Dimethylphenol (105-67-9)	X		X	< 0.00570	< 0.03801	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6-Dinitro-o-Cresol (534-52-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro-m-Cresol (59-50-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4 Benzofluoranthene (205-99-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chlorisopropyl) Ether (102-60-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00422	< 0.02814	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG VALUE (1) CONC.	(2) MASS	b. NO. OF ANALYSES
20B 1,2-Dichlorobenzene (95-50-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21B 1,3-Dichlorobenzene (541-73-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22B 1,4-Dichlorobenzene (106-46-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
23B 3,3-Dichlorobenzidine (91-94-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24B Diethyl Phthalate (84-66-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25B Dimethyl Phthalate (131-11-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26B Di-n-Butyl Phthalate (84-74-2)	X		X (3)	0.00911	0.06074	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28B 2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29B Di-n-Octyl Phthalate (117-84-0)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30B 1,2-Diphenylhydrazine (122-66-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
31B Fluoranthene (206-44-0)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
32B Fluorene (86-73-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
33B Hexachlorobenzene (118-74-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
34B Hexachlorobutadiene (87-68-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
35B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
36B Hexachloroethane (67-72-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
37B Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
38B Isophorone (78-59-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
39B Naphthalene (91-20-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
40B Nitrobenzene (98-95-3)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
41B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
42B N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
43B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
44B Phenanthrene (85-01-8)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
45B Pyrene (129-00-0)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
46B 1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha BHC (319-84-6)			X												
3P beta-BHC (319-25-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha Endosulfan (115-29-7)			X												
12P beta Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

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4P Endrin (72-20-8)			X												
5P Endrin Aldehyde (7421-93-4)			X												
6P Heptachlor (76-44-8)			X												
7P Heptachlor Epoxide (1024-57-3)			X												
8P PCB 1242 (53469-21-9)			X												
9P PCB 1254 (11097-69-1)			X												
0P PCB 1221 (11104-28-2)			X												
1P PCB 1232 (11141-16-5)			X												
2P PCB 1248 (12672-29-6)			X												
3P PCB 1260 (11096-82-5)			X												
4P PCB 1016 (12674-11-2)			X												
5P Toxaphene (8001-35-2)			X												
ther Parameters															
ree Available Chlorine			X	< 0.02	< 0.35	< 0.02	< 0.19	< 0.02	< 0.15	52	mg/L	lbs/day	NA	NA	NA
hromium Hexavalent (VI) (18540-29-9)	(4)		X	< 0.0100	< 0.0667	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
otal Kjeldahl Nitrogen (TKN)	X	X		4.45	29.67	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
otal Dissolved Solids (E 10173)	(4)	X		2130	14202	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
hloride (16887-00-6)	(4)	X		559	3727	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(4)		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
-Chlorophenol	(4)		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3-Dichlorophenol	(4)		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5 Dichlorophenol	(4)		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6 Dichlorophenol	(4)		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4 Dichlorophenol	(4)		X	< 0.00114	< 0.00760	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

OTES:

ne-time grab samples were collected on September 21, 2005 for all parameters above with only one analytical result (with the exception of any routine parameters monitored under the LPDES permit-see below the exception to this is otal phosphorus which was analyzed on this date even though it is contained in the LPDES permit and routinely monitored at the outfall). One-time grab samples, not 24-hour composites, were collected as allowed at LAC 33 IX 2501 G 7 or holding ponds with a retention time greater than 24 hours.

he following flow rate was used to convert the 9/21/05 sampling event data from concentration to mass where applicable: 0.7990 MGD

istorical analytical data from the period October 2004 - September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) including flow ee available chlorine, total phosphorus, total chromium, total zinc, pH, and temperature

ll single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non etected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one nalytical result was non-detected

ll laboratory analyses for the 9/21/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for pecific alternative methods

1) For the purposes of the Form 2C, summer months were assumed to be April - September and winter October - March

2) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under pertinent regulations

3) Although this parameter was detected, the laboratory indicated that the analyte was detected in the associated method blank, and thus Cleco has no reason to believe it is actually present in Outfall 001 effluent

4) Additional analytes required in accordance with LAC 33 IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield although not pecifically required per LAC 33 IX 2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501.G 7 f

A = Testing not required, not applicable | lbs/day = pounds per day | °F = degrees Farenheit | col/100 mL = colonies per 100 milliliters

g/L = milligrams per liter | MGD = million gallons per day | S.U. = standard units

Outfall 002

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 002

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	2	7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	17.0	56.2	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	6.9	22.8	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	18.60	207.64	9.43	59.61	4.99	30.85	50	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 0.661	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	9.360	VALUE	1.463	VALUE	0.703	365	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	84	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
	MINIMUM	MAXIMUM	[redacted]									
i. pH	6.15	8.65					50	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.125	0.413	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		7.00	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate Nitrite (as N)		X	< 0.500	< 1.652	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		0.711	2.350	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease	X		5.80	125.30	3.05	30.70	2.21	15.06	50	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 3.30	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
j. Radioactivity beta, Total		X												
j. Radioactivity Radium, Total		X												
j. Radioactivity Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		204	674	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
l. Sulfice (as S)		X	< 0.500	< 1.652	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
m. Sulfite (as SO_3) (14265-45-3)	X		49.3	162.9	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
n. Surfactants		X	< 0.2	< 0.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Aluminum, Total (7429-90-5)	X		0.182	0.601	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Barium, Total (7440-33-3)	X		0.145	0.479	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Boron, Total (7440-42-8)	X		1.200	3.966	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Cobalt, Total (7440-48-4)		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Iron, Total (7439-89-6)	X		0.210	0.694	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Magnesium, Total (7439-95-4)	X		10.1	33.4	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Molybdenum, Total (7439-98-7)	X		0.0339	0.1120	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Manganese, Total (7439-96-5)	X		0.190	0.628	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Tin, Total (7440-31-5)		X	< 0.100	< 0.330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Titanium, Total (7440-32-6)		X	< 0.0100	< 0.0330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 002

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.0170	0.0562	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.01990	0.06576	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.000661	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.00589	0.01946	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X	X		0.00514	0.01699	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X	X		0.0129	0.0426	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X		X	< 0.00500	< 0.01652	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X		X	< 0.0500	< 0.1652	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 0.330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 0.330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.033	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 002

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	a. LONG TERM AVG (2) MASS	b. NO. OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2 Trans Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1-Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2-Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4 Dichlorophenol (120-83-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4 Dimethylphenol (105-67-9)	X		X	< 0.00570	< 0.01884	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6-Dinitro-o-Cresol (534-52-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro-m Cresol (59-50-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4-Benzofluoranthene (205-99-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chlorisopropyl) Ether (102-60-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00422	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 002

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
2B 1,2-Dichlorobenzene (95-50-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
B 1,3-Dichlorobenzene (541-73-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B 1,4-Dichlorobenzene (106-46-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B 3,3-Dichlorobenzidine (91-94-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Diethyl Phthalate (84-66-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Dimethyl Phthalate (131-11-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Di-n-Butyl Phthalate (84-74-2)	X		X (2)	0.00781	0.02581	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B 2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Di-n-Octyl Phthalate (117-84-0)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
0B 1,2-Diphenylhydrazine (122-66-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
1B Fluoranthene (206-44-0)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Fluorene (86-73-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Hexachlorobenzene (118-74-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Hexachlorobutadiene (87-68-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Hexachloroethane (67-72-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Isophorone (78-59-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Naphthalene (91-20-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
0B Nitrobenzene (98-95-3)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
1B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Phenanthrene (85-01-8)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Pyrene (129-00-0)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B 1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha-BHC (319-84-6)			X												
3P beta-BHC (319-25-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P. alpha-Endosulfan (115-29-7)			X												
12P beta-Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

				EPA I.D. NUMBER LAD000726406									OUTFALL NUMBER 002		
1. POLLUTANT	2a. TESTING	2b. BELIEVED	2c. BELIEVED	3. EFFLUENT							4. UNITS		5. INTAKE (OPTIONAL)		
				a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE		c. LONG TERM AVERAGE		d. NO. OF	a.	b.	a. LONG TERM AVG.		b. NO. OF
AND CAS NUMBER	REQUIRED	PRESENT	ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC.	MASS	(1) CONC.	(2) MASS	ANALYSES
P. Endrin (72-20-8)			X												
Endrin Aldehyde (7421-93-4)			X												
Heptachlor (76-44-8)			X												
Heptachlor Epoxide (1024-57-3)			X												
P. PCB 1242 (53469-21-9)			X												
P. PCB 1254 (11097-69-1)			X												
P. PCB 1221 (11104-28-2)			X												
P. PCB 1232 (11141-16-5)			X												
P. PCB 1248 (12672-29-6)			X												
P. PCB 1260 (11096-82-5)			X												
P. PCB 1016 (12674-11-2)			X												
P. Toxaphene (8001-35-2)			X												
Other Parameters															
Chromium, Hexavalent (VI) (18540-29-9)	(3)		X	< 0.0100	< 0.0330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Kjeldahl Nitrogen (TKN)	X	X		0.711	2.350	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E-10173)	(3)	X		572	1890	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(3)	X		56.7	187.4	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(3)		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(3)		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3 Dichlorophenol	(3)		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5 Dichlorophenol	(3)		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6 Dichlorophenol	(3)		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4 Dichlorophenol	(3)		X	< 0.00114	< 0.00377	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

OTES

One-time grab samples were collected on September 21, 2005 for all parameters above with only one analytical result. One-time grab samples, not 24-hour composites, were collected as allowed at LAC 33 IX 2501 G 7 for holding onds with a retention time greater than 24 hours.

he following flow rate was used to convert the 9/21/05 sampling event data from concentration to mass where applicable: 0.3960 MGD

Historical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) ncluding flow, pH, total suspended solids, and oil & grease.

All single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non etected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one nalytical result was non-detected.

All laboratory analyses for the 9/21/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for pecific alternative methods.

1) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations.

2) Although this parameter was detected, the laboratory indicated that the analyte was detected in the associated method blank, and thus Cleco has no reason to believe it is actually present in Outfall 002 effluent.

3) Additional analytes required in accordance with LAC 33.IX.2707.D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not pecifically required per LAC 33 IX.2501 G 7.c, LAC 33 IX 2501 G 7 e, or LAC 33 IX.2501.G.7.f.

NA = Testing not required, not applicable
mg/L = milligrams per liter
lbs/day = pounds per day
MGD = million gallons per day
°F = degrees Farenheit
S.U. = standard units
col/100 mL = colonies per 100 milliliters

Outfall 003

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 003

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC	(2) MASS	c. LONG TERM AVERAGE (1) CONC	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	< 2	< 25	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	74.00	3013.55	45.67	1454.73	30.65	760.95	23	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	8.0	100.6	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	22.80	1074.00	19.70	665.28	10.73	270.23	23	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 2.514	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	5.850	VALUE	3.033	VALUE	1.450	57	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	82	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
	MINIMUM	MAXIMUM	[redacted]									
i. pH	6.21	7.45					23	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X	< 0.1	< 1.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		58.0	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate Nitrite (as N)		X	< 0.500	< 6.285	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		2.47	31.05	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease	X		1.27	41.33	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 12.57	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
j. Radioactivity beta, Total		X												
j. Radioactivity Radium, Total		X												
j. Radioactivity Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		51.0	641.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
l. Sulfide (as S)		X	< 0.500	< 6.285	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
m. Sulfite (as SO_3) (14265-45-3)	X		121.4	1526.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
n. Surfactants		X	< 0.2	< 2.5	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Aluminum, Total (7429-90-5)	X		1.890	23.759	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Barium, Total (7440-33-3)	X		0.146	1.835	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Boron, Total (7440-42-8)	X		0.410	5.154	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Cobalt, Total (7440-48-4)	X		0.00266	0.03344	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Iron, Total (7439-89-6)	X		2.00	25.14	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Magnesium, Total (7439-95-4)	X		10.4	130.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Molybdenum, Total (7439-98-7)	X		0.0170	0.2137	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Manganese, Total (7439-96-5)	X		0.311	3.910	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Tin, Total (7440-31-5)		X	< 0.100	< 1.257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Titanium, Total (7440-32-6)	X		0.0405	0.5091	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT (EPA I.D. NUMBER LAD000726406) a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) (OUTFALL NUMBER 003) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
Part C Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.01257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.00455	0.05720	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X		X	< 0.00100	< 0.01257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	< 0.01257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X	X		0.00228	0.02866	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.00541	0.06801	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.01257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.002514	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.00580	0.07307	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X		X	< 0.00200	< 0.02514	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.01257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.01257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X	X		0.0346	0.4350	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X		X	< 0.00500	< 0.06285	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X	X		0.0720	0.9051	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 1.257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 1.257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.126	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 003

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2-Trans Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1-Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2-Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0629	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4-Dichlorophenol (120-83-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4 Dimethylphenol (105-67-9)	X		X	< 0.00555	< 0.06977	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6 Dinitro-o-Cresol (534-52-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro m-Cresol (59-50-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4 Benzofluoranthene (205-99-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2 Chlorisopropyl) Ether (102-60-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2 Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00411	< 0.05167	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

Continued

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 003

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
1,2 Dichlorobenzene (95-50-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
1,3-Dichlorobenzene (541-73-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
1,4 Dichlorobenzene (106-46-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3,3 Dichlorobenzidine (91-94-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Diethyl Phthalate (84-66-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dimethyl Phthalate (131-11-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Di-n Butyl Phthalate (84-74-2)	X		X	< 0.00555	< 0.06977	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,4 Dinitrotoluene (121-14-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Di-n Octyl Phthalate (117-84-0)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
1,2-Diphenylhydrazine (122-66-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Fluoranthene (206-44-0)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Fluorene (86-73-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Hexachlorobenzene (118-74-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Hexachlorobutadiene (87-68-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Hexachloroethane (67-72-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Isophorone (78-59-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Naphthalene (91-20-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Nitrobenzene (98-95-3)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Phenanthrene (85-01-8)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Pyrene (129-00-0)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
Aldrin (309-00-2)			X												
alpha-BHC (319-84-6)			X												
beta BHC (319-85-7)			X												
gamma BHC (58-89-9)			X												
delta BHC (319-86-8)			X												
Chlordane (57-74-9)			X												
4,4 DDT (50-29-3)			X												
4,4-DDE (72-55-9)			X												
4,4-DDD (72-54-8)			X												
Dieldrin (60-57-1)			X												
alpha-Endosulfan (115-29-7)			X												
beta-Endosulfan (115-29-7)			X												
Endosulfan Sulfate (1031-07-8)			X												

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	EPA I.D. NUMBER LAD000726406 — 3. EFFLUENT — a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	OUTFALL NUMBER 003 — 5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
Endrin (72-20-8)			X												
Endrin Aldehyde (7421-93-4)			X												
Heptachlor (76-44-8)			X												
Heptachlor Epoxide (1024-57-3)			X												
PCB 1242 (53469-21-9)			X												
PCB 1254 (11097-69-1)			X												
PCB 1221 (11104-28-2)			X												
PCB 1232 (11141-16-5)			X												
PCB 1248 (12672-29-6)			X												
PCB 1260 (11096-82-5)			X												
PCB 1016 (12674-11-2)			X												
Toxaphene (8001-35-2)			X												
Other Parameters															
Chromium Hexavalent (VI) (18540-29-9)	(2)		X	< 0.0100	< 0.1257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Kjeldahl Nitrogen (TKN)	X	X		2.47	31.05	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E 10173)	(2)	X		428	5380	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(2)	X		43.5	546.8	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(2)		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(2)		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3 Dichlorophenol	(2)		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5 Dichlorophenol	(2)		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6 Dichlorophenol	(2)		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4 Dichlorophenol	(2)		X	< 0.00111	< 0.01395	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

NOTES:

[illegible] grab samples were collected on September 22, 2005 for all parameters above with only one analytical result (except for oil and grease, see below). One time grab samples, not 24 hour composites, were collected as allowed [illegible] LAC 33 IX 2501 G 7 for holding ponds with a retention time greater than 24 hours.

The following flow rate was used to convert the 9/22/05 sampling event data from concentration to mass where applicable: 1.5064 MGD

It should be noted that the Outfall 003 basin was not actually flowing during the sampling event (this flow rate is an estimated long-term average).

One time grab sample was collected on 11/04/05 for oil and grease analysis.

The following flow rate was used to convert the 11/04/05 oil and grease value from concentration to mass: 3.9 MGD

Historical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) [illegible] flow, pH, total suspended solids, and chemical oxygen demand.

Single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non-detected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less than sign indicates that at least one analytical result was non-detected.

Laboratory analyses for the 9/21/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for specific alternative methods.

) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations.

) Additional analytes required in accordance with LAC 33 IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not specifically required per LAC 33 IX 2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501 G.7.l.

A = Testing not required, not applicable | lbs/day = pounds per day | °F = degrees Farenheit | col/100 mL = colonies per 100 milliliters

g/L = milligrams per liter | MGD = million gallons per day | S.U. = standard units

Outfall 004

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 001

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC	(2) MASS	c. LONG TERM AVERAGE (1) CONC	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	3	18	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	36.5	214.5	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	11	65	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	28.00	677.61	15.20	354.23	4.85	65.37	28	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 1.175	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	2.90	VALUE	0.87	VALUE	0.65	79	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	86	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
	MINIMUM	MAXIMUM	[redacted]									
i. pH	6.70	7.80					28	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.15	0.88	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		33.0	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate Nitrite (as N)		X	< 0.500	< 2.939	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		1.50	8.82	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease		X	< 5.00	< 29.39	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 5.88	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
k. Radioactivity beta, Total		X												
l. Radioactivity Radium, Total		X												
m. Radioactivity Radium 226, Total		X												
n. Sulfate (as SO_4) (14808-79-8)	X		110	647	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Sulfide (as S)		X	< 0.500	< 2.939	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Sulfite (as SO_3) (14265-45-3)	X		70.3	413.2	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Surfactants		X	< 0.2	< 1.2	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Aluminum, Total (7429-90-5)	X		0.102	0.599	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Barium, Total (7440-33-3)	X		0.0551	0.3238	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Boron, Total (7440-42-8)	X		0.686	4.032	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Cobalt, Total (7440-48-4)		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Iron, Total (7439-89-6)	X		0.240	1.411	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Magnesium, Total (7439-95-4)	X		10.6	62.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Molybdenum, Total (7439-98-7)	X		0.00531	0.03121	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
y. Manganese, Total (7439-96-5)	X		0.0632	0.3715	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
z. Tin, Total (7440-31-5)		X	< 0.100	< 0.588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Titanium, Total (7440-32-6)		X	< 0.0100	< 0.0588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 004

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. (2) MASS	b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.00336	0.01975	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.001175	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.00250	0.01469	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X	X		0.00661	0.03885	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X		X	< 0.00500	< 0.02939	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X		X	< 0.00500	< 0.02939	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X		X	< 0.0500	< 0.2939	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 0.588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 0.588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.059	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1-Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2-Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0294	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4-Dichlorophenol (120-83-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4-Dimethylphenol (105-67-9)	X		X	< 0.00520	< 0.03056	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6-Dinitro-o-Cresol (534-52-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro m-Cresol (59-50-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4-Benzofluoranthene (205-99-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Fluoranthene (207-08-9)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane (111-91-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chloroisopropyl) Ether (102-60-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00385	< 0.02263	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO. OF ANALYSES
2B 1,2-Dichlorobenzene (95-50-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B 1,3-Dichlorobenzene (541-73-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B 1,4-Dichlorobenzene (106-46-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B 3,3-Dichlorobenzidine (91-94-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Diethyl Phthalate (84-66-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B Dimethyl Phthalate (131-11-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Di-n-Butyl Phthalate (84-74-2)	X		X (2)	0.00552	0.03244	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B 2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Di-n-Octyl Phthalate (117-84-0)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B 1,2-Diphenylhydrazine (122-66-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Fluoranthene (206-44-0)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B Fluorene (86-73-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Hexachlorobenzene (118-74-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B Hexachlorobutadiene (87-68-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Hexachloroethane (67-72-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20B Isophorone (78-59-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21B Naphthalene (91-20-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22B Nitrobenzene (98-95-3)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
23B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24B N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26B Phenanthrene (85-01-8)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27B Pyrene (129-00-0)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28B 1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha-BHC (319-84-6)			X												
3P beta-BHC (319-25-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha-Endosulfan (115-29-7)			X												
12P beta-Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

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1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. (2) MASS	b. NO OF ANALYSES
P Endrin (72-20-8)			X												
P Endrin Aldehyde (7421 93-4)			X												
P Heptachlor (76 44 8)			X												
P Heptachlor Epoxide (1024-57-3)			X												
P PCB 1242 (53469-21-9)			X												
P PCB 1254 (11097-69-1)			X												
P PCB 1221 (11104 28-2)			X												
P PCB 1232 (11141-16-5)			X												
P PCB 1248 (12672-29-6)			X												
P PCB 1260 (11096 82 5)			X												
P PCB 1016 (12674 11-2)			X												
P Toxaphene (8001-35-2)			X												
ther Parameters															
romium, Hexavalent (VI) (18540 29 9)	(3)		X	< 0.0100	< 0.0588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
otal Kjeldahl Nitrogen (TKN)	X	X		1.50	8.82	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
otal Dissolved Solids (E-10173)	(3)	X		394	2316	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
hloride (16887-00-6)	(3)	X		74.5	437.9	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(3)		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(3)		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3-Dichlorophenol	(3)		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5-Dichlorophenol	(3)		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6-Dichlorophenol	(3)		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4-Dichlorophenol	(3)		X	< 0.00104	< 0.00611	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

OTES:

ne time grab samples were collected on September 21, 2005 for all parameters above with only one analytical result One-time grab samples, not 24-hour composites, were collected as allowed at LAC 33 IX 2501 G.7 for holding ands with a retention time greater than 24 hours

he following flow rate was used to convert the 9/21/05 sampling event data from concentration to mass where applicable 0.7043 MGD

It should be noted that the Outfall 004 basin was not actually flowing during the sampling event (this flow rate is an estimated long-term average)

istorical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) cluding flow, pH and total suspended solids

l single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non etected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one nalytical result was non-detected

ll laboratory analyses for the 9/21/05 sampling event were performed by Pace Analytical Services, Inc of St. Rose, LA (or its subcontractors) All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for pecific alternative methods

1) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations.

2) Although this parameter was detected, the laboratory indicated that the analyte was detected in the associated method blank, and thus Cleco has no reason to believe it is actually present in Outfall 004 effluent

3) Additional analytes required in accordance with LAC 33.IX 2707.D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not pecifically required per LAC 33 IX.2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501 G 7.f

IA = Testing not required, not applicable | lbs/day = pounds per day | °F = degrees Farenheit | col/100 mL = colonies per 100 milliliters

g/L = milligrams per liter | MGD = million gallons per day | S.U = standard units

Outfall 005

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER [redacted]

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	< 2	< 0.2	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	< 10.0	< 1.0	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	1.2	0.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	14.20	17.64	4.35	4.45	1.74	0.80	50	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 0.020	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	0.174	VALUE	0.028	VALUE	0.017	324	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	74.2	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
	MINIMUM	MAXIMUM	[redacted]									
i. pH	8.97	8.97					1	S.U.	NA	NA	NA	NA

Part B

1. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X	< 0.1	< 0.01	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X	< 0.500	< 0.050	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		0.228	0.023	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease	X		5.40	6.18	3.20	1.60	2.24	0.50	50	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 0.10	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
j. Radioactivity beta, Total		X												
j. Radioactivity Radium, Total		X												
j. Radioactivity Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		2.28	0.23	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
l. Sulfide (as S)		X												
m. Sulfite (as SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-33-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)		X												
t. Magnesium, Total (7439-95-4)		X												
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)		X												
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER LAD000726406 — OUTFALL NUMBER 005

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.00345	0.00035	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.0329	0.0033	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.000020	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X		X	< 0.00200	< 0.00020	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.00010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X		X	< 0.00500	< 0.00050	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X		X	< 0.00500	< 0.00050	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X	X		0.0709	0.0071	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)			X												
2V Acrylonitrile (107-13-1)			X												
3V Benzene (71-43-2)			X												
4V Bis (Chloromethyl) Ether (542-88-1)			X												
5V Bromoform (75-25-2)			X												
6V Carbon Tetrachloride (56-23-5)			X												
7V Chlorobenzene (108-90-7)			X												
8V Chlorodibromomethane (124-48-1)			X												
9V Chloroethane (75-00-3)			X												
10V 2-Chloroethylvinyl Ether (110-75-8)			X												
11V Chloroform (67-66-3)			X												
12V Dichlorobromomethane (75-27-4)			X												
13V Dichlorodifluoromethane (75-71-8)			X												
14V 1,1-Dichloroethane (75-34-3)			X												
15V 1,2-Dichloroethane (107-06-2)			X												
16V 1,1-Dichloroethylene (75-35-4)			X												
17V 1,2-Dichloropropane (78-87-5)			X												
18V 1,3-Dichloropropylene (542-75-6)			X												
19V Ethylbenzene (100-41-4)			X												
20V Methyl Bromide (74-83-9)			X												
21V Methyl Chloride (74-87-3)			X												
22V Methylene Chloride (75-09-2)			X												

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 005

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. (2) MASS	b. NO OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V Tetrachloroethylene (127-18-4)			X												
25V Toluene (108-88-3)			X												
26V 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V 1,1,1-Trichloroethane (71-55-6)			X												
28V 1,1,2-Trichloroethane (79-00-5)			X												
29V Trichloroethylene (79-01-6)			X												
30V Trichlorofluoromethane (75-69-4)			X												
31V Vinyl Chloride (75-01-4)			X												
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)			X												
2A 2,4-Dichlorophenol (120-83-2)			X												
3A 2,4-Dimethylphenol (105-67-9)			X												
4A 4,6-Dinitro-o-Cresol (534-52-1)			X												
5A 2,4-Dinitrophenol (51-28-5)			X												
6A 2-Nitrophenol (88-75-5)			X												
7A 4-Nitrophenol (100-02-7)			X												
8A p-Chloro-m-Cresol (59-50-7)			X												
9A Pentachlorophenol (87-86-5)			X												
10A Phenol (108-95-2)			X												
11A 2,4,6-Trichlorophenol (88-06-2)			X												
Part C - Base/Neutral Compounds															
1B Acenaphtlene (83-32-9)			X												
2B Acenaphthylene (208-96-8)			X												
3B Anthracene (120-12-7)			X												
4B Benzidine (92-87-5)			X												
5B Benzo (a) Anthracene (56-55-3)			X												
6B Benzo (a) Pyrene (50-32-8)			X												
7B 3,4 Benzofluoranthene (205-99-2)			X												
8B Benzo (g,h,i) Perylene (191-24-2)			X												
9B Benzo (k) Flouranthene (207-08-9)			X												
10B Bis(2-Chloroethoxy) Methane(111-91-1)			X												
11B Bis(2-Chloroethyl) Ether (111-44-4)			X												
12B Bis(2-Chlorisopropyl) Ether (102-60-1)			X												
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)			X												
14B 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B Butyl Benzyl Phthalate (85-68-7)			X												
16B 2-Chloronaphthalene (91-58-7)			X												
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)			X												
18B Chrysene (218-01-9)			X												
19B Dibenzo (a,h) Anthracene (53-70-3)			X												

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 005

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
2B 1,2-Dichlorobenzene (95-50-1)			X												
3B 1,3-Dichlorobenzene (541-73-1)			X												
2B 1,4-Dichlorobenzene (106-46-7)			X												
3B 3,3-Dichlorobenzidine (91-94-1)			X												
4B Diethyl Phthalate (84-66-2)			X												
5B Dimethyl Phthalate (131-11-3)			X												
6B Di-n-Butyl Phthalate (84-74-2)			X												
7B 2,4-Dinitrotoluene (121-14-2)			X												
8B 2,6-Dinitrotoluene (606-20-2)			X												
9B Di-n-Octyl Phthalate (117-84-0)			X												
0B 1,2-Diphenylhydrazine (122-66-7)			X												
1B Fluoranthene (206-44-0)			X												
2B Fluorene (86-73-7)			X												
3B Hexachlorobenzene (118-74-1)			X												
4B Hexachlorobutadiene (87-68-3)			X												
5B Hexachlorocyclopentadiene (77-47-4)			X												
6B Hexachloroethane (67-72-1)			X												
7B Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
8B Isophorone (78-59-1)			X												
9B Naphthalene (91-20-3)			X												
0B Nitrobenzene (98-95-3)			X												
1B N-Nitrosodimethylamine (62-75-9)			X												
2B N-Nitrosodi-n-Propylamine (621-64-7)			X												
3B N-Nitrosodiphenylamine (86-30-6)			X												
4B Phenanthrene (85-01-8)			X												
5B Pyrene (129-00-0)			X												
6B 1,2,4-Trichlorobenzene (120-82-1)			X												
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha BHC (319-84-6)			X												
3P beta-BHC (319-85-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha Endosulfan (115-29-7)			X												
12P beta Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT (EPA I.D. NUMBER LAD000726406) a. MAXIMUM DAILY VALUE (1) CONC	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) (OUTFALL NUMBER 005) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
14P Endrin (72-20-8)			X												
15P Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P Heptachlor Epoxide (1024-57-3)			X												
18P PCB 1242 (53469-21-9)			X												
19P PCB 1254 (11097-69-1)			X												
20P PCB 1221 (11104-28-2)			X												
21P PCB 1232 (11141-16-5)			X												
22P PCB 1248 (12672-29-6)			X												
23P PCB 1260 (11096-82-5)			X												
24P PCB 1016 (12674-11-2)			X												
25P Toxaphene (8001-35-2)			X												
Other Parameters															
Chromium, Hexavalent (VI) (18540-29-9)	(1)		X	< 0.0100	< 0.0010	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Kjeldahl Nitrogen (TKN)	X	X		0.228	0.023	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E-10173)	(1)	X		21.3	2.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(1)	X		1.24	0.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Cobalt (7440-48-4)			X	< 0.200	< 0.020	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Iron (7440-23-5)		X		2.71	0.27	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Potassium (7440-09-7)			X	< 0.500	< 0.050	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

NOTES:

During a 24 hour sampling event conducted during the period September 21-22, 2005, composite samples were collected for all parameters above with only one analytical result except that one-time grab samples were collected on September 22, 2005 for those pollutants for which composite sampling is inappropriate (total phenols, total cyanide, and total residual chlorine)

The following flow rate was used to convert the 9/21-22/05 sampling event data from concentration to mass where applicable 0.0120 MGD

Historical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) including flow, total suspended solids, and oil & grease

All single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non detected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one analytical result was non-detected

All laboratory analyses for the 9/21-22/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for specific alternative methods

(1) Additional analytes required in accordance with LAC 33.IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not specifically required per LAC 33 IX 2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501 G 7 f

NA = Testing not required, not applicable
mg/L = milligrams per liter
lbs/day = pounds per day
MGD = million gallons per day
°F = degrees Farenheit
S.U. = standard units
col/100 mL = colonies per 100 milliliters

Outfall 006

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

V. HAZARDOUS EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	28.20	1.65	28.20	1.65	22.31	1.30	4	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD) See Footnote (1)												
c. Total Organic Carbon (TOC)	13	1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	26.40	1.54	26.40	1.54	19.35	1.13	4	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 0.012	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	0.007	VALUE	0.007	VALUE	0.007	4	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	84	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
i. pH	MINIMUM 7.20	MAXIMUM 7.55	[redacted]				4	S.U	NA	NA	NA	NA

Part B

2. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		1.25	0.07	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)		X												
d. Fecal Coliform		X	< 1	NA	< 1	NA	< 1	NA	4	col/100mL	NA	NA	NA	NA
e. Fluoride (16984-48-8)		X												
f. Nitrate Nitrite (as N)	X		58.2	3.4	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		7.36	0.43	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease		X	< 5.00	< 0.29	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)	X		5.98	0.35	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
k. Radioactivity beta, Total		X												
l. Radioactivity Radium, Total		X												
m. Radioactivity Radium 226, Total		X												
n. Sulfate (as SO_4) (14808-79-8)	X		121	7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Sulfide (as S)		X												
p. Sulfite (as SO_3) (14265-45-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90-5)		X												
s. Barium, Total (7440-33-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)		X												
w. Magnesium, Total (7439-95-4)		X												
x. Molybdenum, Total (7439-98-7)		X												
y. Manganese, Total (7439-96-5)		X												
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 006

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)			X												
2M Arsenic, Total (7440-38-2)			X												
3M Beryllium, Total (7440-41-7)			X												
4M Cadmium, Total (7440-43-9)			X												
5M Chromium, Total (7440-47-3)			X												
6M Copper, Total (7440 50-8)			X												
7M Lead, Total (7439-92-1)			X												
8M Mercury, Total (7439-97-6)			X												
9M Nickel, Total (7440-02-0)			X												
10M Selenium, Total (7782-49-2)			X												
11M Silver, Total (7440-22-4)			X												
12M Thallium, Total (7440-28-0)			X												
13M Zinc, Total (7440-66-6)			X												
14M Cyanide, Total (57-12-5)			X												
15A Phenols, Total			X												
Dioxin															
2,3,7,8-Tetrachlorodibenzo P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)			X												
2V Acrylonitrile (107-13-1)			X												
3V Benzene (71-43-2)			X												
4V Bis (Chloromethyl) Ether (542-88-1)			X												
5V Bromoform (75-25-2)			X												
6V Carbon Tetrachloride (56-23-5)			X												
7V Chlorobenzene (108-90-7)			X												
8V Chlorodibromomethane (124-48-1)			X												
9V Chloroethane (75-00-3)			X												
10V 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichlorobromomethane (75-27-4)			X												
13V Dichlorodifluoromethane (75-71-8)			X												
14V 1,1-Dichloroethane (75-34-3)			X												
15V 1,2-Dichloroethane (107-06-2)			X												
16M 1,1-Dichloroethylene (75-35-4)			X												
17V 1,2 Dichloropropane (78-87-5)			X												
18V 1,3 Dichloropropylene (542-75-6)			X												
19V Ethylbenzene (100-41-4)			X												
20V Methy. Bromide (74-83-9)			X												
21V Methy. Chloride (74-87-3)			X												
22V Methylene Chloride (75-09-2)			X												

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 006

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO OF ANALYSES
23V 1,1,2,2 Tetrachloroethane (79-34-5)			X												
24V Tetrachloroethylene (127-18-4)			X												
25V Toluene (108-88-3)			X												
26V 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V 1,1,1-Trichloroethane (71-55-6)			X												
28V 1,1,2-Trichloroethane (79-00-5)			X												
29V Trichloroethylene (79-01-6)			X												
30V Trichlorofluoromethane (75-69-4)			X												
31V Vinyl Chloride (75-01-4)			X												
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)			X												
2A 2,4-Dichlorophenol (120-83-2)			X												
3A 2,4-Dimethylphenol (105-67-9)			X												
4A 4,6-Dinitro-o-Cresol (534-52-1)			X												
5A 2,4-Dinitrophenol (51-28-5)			X												
6A 2-Nitrophenol (88-75-5)			X												
7A 4-Nitrophenol (100-02-7)			X												
8A p-Chloro-m-Cresol (59-50-7)			X												
9A Pentachlorophenol (87-86-5)			X												
10A Phenol (108-95-2)			X												
11A 2,4,6 Trichlorophenol (88-06-2)			X												
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)			X												
2B Acenaphthylene (208-96-8)			X												
3B Anthracene (120-12-7)			X												
4B Benzidine (92-87-5)			X												
5B Benzo (a) Anthracene (56-55-3)			X												
6B Benzo (a) Pyrene (50-32-8)			X												
7B 3,4-Benzofluoranthene (205-99-2)			X												
8B Benzo (g,h,i) Perylene (191-24-2)			X												
9B Benzo (k) Flouranthene (207-08-9)			X												
10B Bis(2-Chloroethoxy) Methane(111-91-1)			X												
11B Bis(2-Chloroethyl) Ether (111-44-4)			X												
12B Bis(2-Chlorisopropyl) Ether (102-60-1)			X												
13B. Bis(2-Ethylhexyl) Phthalate (117-81-7)			X												
14B 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B Butyl Benzyl Phthalate (85-68-7)			X												
16B 2-Chloronaphthalene (91-58-7)			X												
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)			X												
18B Chrysene (218-01-9)			X												
19B Dibenzo (a,h) Anthracene (53-70-3)			X												

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 006

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
20B 1,2-Dichlorobenzene (95-50-1)			X												
21B 1,3-Dichlorobenzene (541-73-1)			X												
22B 1,4-Dichlorobenzene (106-46-7)			X												
23B 3,3-Dichlorobenzidine (91-94-1)			X												
24B Diethyl Phthalate (84-66-2)			X												
25B Dimethyl Phthalate (131-11-3)			X												
26B Di-n-Butyl Phthalate (84-74-2)			X												
27B 2,4-Dinitrotoluene (121-14-2)			X												
28B 2,6-Dinitrotoluene (606-20-2)			X												
29B Di-n-Octyl Phthalate (117-84-0)			X												
30B 1,2-Diphenylhydrazine (122-66-7)			X												
31B Fluoranthene (206-44-0)			X												
32B Fluorene (86-73-7)			X												
33B Hexachlorobenzene (118-74-1)			X												
34B Hexachlorobutadiene (87-68-3)			X												
35B Hexachlorocyclopentadiene (77-47-4)			X												
36B Hexachloroethane (67-72-1)			X												
37B Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
38B Isophorone (78-59-1)			X												
39B Naphthalene (91-20-3)			X												
40B Nitrobenzene (98-95-3)			X												
41B N-Nitrosodimethylamine (62-75-9)			X												
42B N-Nitrosodi-n-Propylamine (621-64-7)			X												
43B N-Nitrosodiphenylamine (86-30-6)			X												
44B Phenanthrene (85-01-8)			X												
45B Pyrene (129-00-0)			X												
46B 1,2,4-Trichlorobenzene (120-82-1)			X												
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha-BHC (319-84-6)			X												
3P beta-BHC (319-25-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha-Endosulfan (115-29-7)			X												
12P beta-Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

				EPA I.D. NUMBER LAD000726406									OUTFALL NUMBER 006		
1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO. OF ANALYSES
4P Endrin (72-20-8)			X												
5P Endrin Aldehyde (7421-93-4)			X												
6P Heptachlor (76-44-8)			X												
7P Heptachlor Epoxide (1024-57-3)			X												
8P PCB 1242 (53469-21-9)			X												
9P PCB 1254 (11097-69-1)			X												
0P PCB 1221 (11104-28-2)			X												
1P PCB 1232 (11141-16-5)			X												
2P PCB 1248 (12672-29-6)			X												
3P PCB 1260 (11096-82-5)			X												
4P PCB 1016 (12674-11-2)			X												
5P Toxaphene (8001-35-2)			X												
Other Parameters															
Total Kjeldahl Nitrogen (TKN)	X	X		7.43	0.43	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E-10173)	(2)	X		926	54.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(2)	X		163	10	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

NOTES:

One-time grab samples were collected on September 22, 2005 for all parameters above with only one analytical result. One-time grab samples, and not 24-hour composites, were collected because the discharge is low volume and intermittent.

The following flow rate was used to convert the 9/22/05 sampling event data from concentration to mass where applicable: 0.0070 MGD

Historical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) including flow, pH, total suspended solids, biochemical oxygen demand, and fecal coliform.

All single analytical results reported with a "less than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non-detected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one analytical result was non-detected.

All laboratory analyses for the 9/22/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for specific alternative methods.

(1) During the 9/22/05 sampling event, a sample was submitted to the laboratory (Pace) for chemical oxygen demand analysis. However, Pace failed to conduct the required analysis, and by the time this was realized, there was insufficient time to resample in order to meet the due date for this permit application.

(2) Additional analytes required in accordance with LAC 33:IX.2707.D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not specifically required per LAC 33:IX.2501.G.7.c, LAC 33:IX.2501.G.7.e, or LAC 33:IX.2501.G.7.f.

NA = Testing not required, not applicable
mg/L = milligrams per liter
lbs/day = pounds per day
MGD = million gallons per day
°F = degrees Farenheit
S.U. = standard units
col/100 mL = colonies per 100 milliliters

Outfall 007

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726405

OUTFALL NUMBER [illegible]

INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	< 2	< 3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	13.7	18.0	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC) See Footnote (1)												
d. Total Suspended Solids (TSS)	4.60	7.37	4.60	7.37	3.73	3.94	3	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	273	359	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	0.258	VALUE	0.225	VALUE	0.158	12	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	86	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
i. pH	MINIMUM 6.85	MAXIMUM 8.80	[redacted]				3	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X	< 0.1	< 0.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)		X	< 1.00	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X	< 0.500	< 0.658	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		14.0	18.4	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease			3.90	3.52	2.50	3.52	2.40	2.29	3	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 1.32	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
k. Radioactivity beta, Total		X												
l. Radioactivity Radium, Total		X												
m. Radioactivity Radium 226, Total		X												
n. Sulfate (as SO_4) (14808-79-8)	X		2330	3067	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Sulfide (as S)		X	< 0.500	< 0.658	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Sulfite (as SO_3) (14265-45-3)	X		103.5	136.2	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Surfactants		X	< 0.2	< 0.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Aluminum, Total (7429-90-5)	X		0.992	1.306	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Barium, Total (7440-33-3)	X		0.0314	0.0413	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Boron, Total (7440-42-8)	X		1.850	2.435	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Cobalt, Total (7440-48-4)	X		0.00171	0.00225	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Iron, Total (7439-89-6)	X		0.55	0.42	0.28	0.42	0.27	0.26	3	mg/L	lbs/day	NA	NA	NA
w. Magnesium, Total (7439-95-4)	X		8.00	10.53	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Molybdenum, Total (7439-98-7)	X		0.00447	0.00588	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
y. Manganese, Total (7439-96-5)	X		0.207	0.272	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
z. Tin, Total (7440-31-5)		X	< 0.100	< 0.132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
aa. Titanium, Total (7440-32-6)	X		0.0333	0.0438	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 007

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	5. INTAKE (OPTIONAL) a. LONG TERM AVG (2) MASS	5. INTAKE (OPTIONAL) b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.00132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.00525	0.00691	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X		X	< 0.00100	< 0.00132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	< 0.00132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X	X		0.00100	0.00132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.23	0.16	0.14	0.09	0.10	0.07	3	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X	X		0.00477	0.00628	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.000263	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.0163	0.0215	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X	X		0.00826	0.01087	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.00132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X	X		0.243	0.320	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X		X	< 0.00500	< 0.00658	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X	X		0.105	0.138	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 0.132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 0.132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.013	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

Continued

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 007

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	5. INTAKE (OPTIONAL) a. LONG TERM AVG (2) MASS	5. INTAKE (OPTIONAL) b. NO OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2-Trans Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1 Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2 Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0066	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4-Dichlorophenol (120-83-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4-Dimethylphenol (105-67-9)	X		X	< 0.00570	< 0.00750	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6-Dinitro-o-Cresol (534-52-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4 Dinitrophenol (51-28-5)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4 Nitrophenol (100-02-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro m Cresol (59-50-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6 Trichlorophenol (88-06-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4-Benzofluoranthene (205-99-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chlorisopropyl) Ether (102-60-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00422	< 0.00556	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4 Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 007

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO. OF ANALYSES
20B 1,2-Dichlorobenzene (95-50-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21B 1,3-Dichlorobenzene (541-73-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22B 1,4-Dichlorobenzene (106-46-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
23B 3,3-Dichlorobenzidine (91-94-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24B Diethyl Phthalate (84-66-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25B Dimethyl Phthalate (131-11-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26B Di-n-Butyl Phthalate (84-74-2)	X		X (3)	0.00888	0.01169	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28B 2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29B Di-n-Octyl Phthalate (117-84-0)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30B 1,2-Diphenylhydrazine (122-66-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
31B Fluoranthene (206-44-0)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
32B Fluorene (86-73-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
33B Hexachlorobenzene (118-74-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
34B Hexachlorobutadiene (87-68-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
35B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
36B Hexachloroethane (67-72-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
37B Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
38B Isophorone (78-59-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
39B Naphthalene (91-20-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
40B Nitrobenzene (98-95-3)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
41B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
42B N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
43B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
44B Phenanthrene (85-01-8)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
45B Pyrene (129-00-0)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
46B 1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha-BHC (319-84-6)			X												
3P beta-BHC (319-85-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta-BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha-Endosulfan (115-29-7)			X												
12P beta-Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

Continued

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 007

1. POLLUTANT AND CAS NUMBER	2a TESTING REQUIRED	2b BELIEVED PRESENT	2c BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
9P Endrin (72-20-8)			X												
10P Endrin Aldehyde (7421-93-4)			X												
11P Heptachlor (76-44-8)			X												
12P Heptachlor Epoxide (1024-57-3)			X												
13P PCB 1242 (53469-21-9)			X												
14P PCB 1254 (11097-69-1)			X												
15P PCB 1221 (11104-28-2)			X												
16P PCB 1232 (11141-16-5)			X												
17P PCB 1248 (12672-29-6)			X												
18P PCB 1260 (11096-82-5)			X												
19P PCB 1016 (12674-11-2)			X												
20P Toxaphene (8001-35-2)			X												
Other Parameters															
Chromium Hexavalent (VI) (18540-29-9)	(4)		X	< 0.0100	< 0.0132	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Kjeldahl Nitrogen (TKN)	X	X		287	378	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E-10173)	(4)	X		3510	4621	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(4)	X		753	991	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3-Chlorophenol	(4)		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4-Chlorophenol	(4)		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,3-Dichlorophenol	(4)		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,5-Dichlorophenol	(4)		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,6-Dichlorophenol	(4)		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3,4-Dichlorophenol	(4)		X	< 0.00114	< 0.00150	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

NOTES

(1) The grab samples were collected on September 21, 2005 for all parameters above with only one analytical result. One time grab samples, not 24 hour composites, were collected because of the intermittent, batch nature of the discharge.

The following flow rate was used to convert the 9/21/05 sampling event data from concentration to mass where applicable: 0.158 MGD

(2) Please note that Outfall 007 was not actually flowing during the sampling event (this flow rate is an estimated long term average).

Historical analytical data from the period April through May 2003 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) including: flow, pH, total suspended solids, oil & grease, total copper, and total iron. Outfall 007 did not discharge during the period October 2004 through September 2005, so this period could not be used for historical data as for the other outfalls.

(2) Single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non-detected and quantitable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one analytical result was non-detected.

All laboratory analyses for the 9/21/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for specific alternative methods.

(1) During the 9/21/05 sampling event, a sample was submitted to the laboratory (Pace) for total organic carbon analysis. However, Pace failed to conduct the required analysis, and by the time this was realized, there was insufficient time to resample in order to meet the due date for this permit application.

(2) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations.

(3) Although this parameter was detected, the laboratory indicated that the analyte was detected in the associated method blank, and thus Cleco has no reason to believe it is actually present in Outfall 007 effluent.

(4) Additional analytes required in accordance with LAC 33 IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not specifically required per LAC 33 IX 2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501 G 7 f.

NA = Testing not required, not applicable | lbs/day = pounds per day | °F = degrees Farenheit | col/100 ml = colonies per 100 milliliters

mg/L = milligrams per liter | MGD = million gallons per day | S.U. = standard units

Outfall 008

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER [illegible]

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	2	3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	21.2	35.0	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	11	18	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	27.00	25.12	15.48	10.72	8.09	5.37	52	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 0.330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	0.571	VALUE	0.183	VALUE	0.077	365	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	84	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
i. pH	MINIMUM 6.15	MAXIMUM 8.80	[redacted]				52	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X	< 0.1	< 0.2	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		17.5	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate Nitrite (as N)		X	< 0.500	< 0.826	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		1.09	1.80	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease			8.20	13.55	5.15	4.86	3.89	2.84	52	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 1.65	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
k. Radioactivity beta, Total		X												
l. Radioactivity Radium, Total		X												
m. Radioactivity Radium 226, Total		X												
n. Sulfate (as SO_4) (14808-79-8)	X		96.3	159.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Sulfide (as S)		X	< 0.500	< 0.826	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Sulfite (as SO_3) (14265-45-3)	X		79.3	131.0	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Surfactants		X	< 0.2	< 0.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Aluminum, Total (7429-90-5)	X		0.246	0.406	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Barium, Total (7440-33-3)	X		0.103	0.170	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Boron, Total (7440-42-8)	X		0.242	0.400	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Cobalt, Total (7440-48-4)		X	< 0.00100	< 0.00165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Iron, Total (7439-89-6)	X		0.209	0.345	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Magnesium, Total (7439-95-4)	X		8.90	14.71	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Molybdenum, Total (7439-98-7)	X		0.0268	0.0443	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
y. Manganese, Total (7439-96-5)	X		0.202	0.334	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
z. Tin, Total (7440-31-5)		X	< 0.100	< 0.165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
aa. Titanium, Total (7440-32-6)		X	< 0.0100	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 008

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.00165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic Total (7440-38-2)	X	X		0.00431	0.00712	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium Total (7440-41-7)	X		X	< 0.00100	< 0.00165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium Total (7440-43-9)	X		X	< 0.00100	< 0.00165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X	X		0.00133	0.00220	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.00795	0.01314	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.00165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.000330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.00340	0.00562	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X		X	< 0.00200	< 0.00330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.00165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X		X	< 0.00500	< 0.00826	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X	X		0.00780	0.01289	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X		X	< 0.0500	< 0.0826	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 0.165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 0.165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.017	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X	X		0.011	0.018	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X	X		0.0095	0.0157	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT (EPA I.D. NUMBER LAD000726-106) a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) (OUTFALL NUMBER 008) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1-Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2-Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X	X		0.013	0.021	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0083	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4-Dichlorophenol (120-83-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4-Dimethylphenol (105-67-9)	X		X	< 0.00770	< 0.01272	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6-Dinitro-o-Cresol (534-52-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro-m-Cresol (59-50-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4-Benzofluoranthene (205-99-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chloroisopropyl) Ether (102-60-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00570	< 0.00942	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 008

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	5. INTAKE (OPTIONAL) a. LONG TERM AVG (2) MASS	5. INTAKE (OPTIONAL) b. NO OF ANALYSES
20B 1,2-Dichlorobenzene (95-50-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21B 1,3-Dichlorobenzene (541-73-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22B 1,4-Dichlorobenzene (106-46-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
23B 3,3-Dichlorobenzidine (91-94-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24B Diethyl Phthalate (84-66-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25B Dimethyl Phthalate (131-11-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26B Di-n-Butyl Phthalate (84-74-2)	X		X (2)	0.0200	0.0330	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28B 2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29B Di-n-Octyl Phthalate (117-84-0)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30B 1,2-Diphenylhydrazine (122-66-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
31B Fluoranthene (206-44-0)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
32B Fluorene (86-73-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
33B Hexachlorobenzene (118-74-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
34B Hexachlorobutadiene (87-68-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
35B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
36B Hexachloroethane (67-72-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
37B Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
38B Isophorone (78-59-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
39B Naphthalene (91-20-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
40B Nitrobenzene (98-95-3)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
41B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
42B N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
43B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
44B Phenanthrene (85-01-8)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
45B Pyrene (129-00-0)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
46B 1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha-BHC (319-84-6)			X												
3P beta-BHC (319-25-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta-BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha-Endosulfan (115-29-7)			X												
12P beta-Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

1 POLLUTANT AND CAS NUMBER	2a TESTING REQUIRED	2b BELIEVED PRESENT	2c BELIEVED ABSENT	3 EFFLUENT (EPA I.D. NUMBER LAD000726406) a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4 UNITS a CONC.	4 UNITS b MASS	5 INTAKE (OPTIONAL) (OUTFALL NUMBER 009) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
14P Endrin (72-20-8)			X												
15P Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P Heptachlor Epoxide (1024-57-3)			X												
18P PCB-1242 (53469-21-9)			X												
19P PCB-1254 (11097-69-1)			X												
20P PCB-1221 (11104-28-2)			X												
21P PCB-1232 (11141-16-5)			X												
22P PCB-1248 (12672-29-6)			X												
23P PCB-1260 (11096-82-5)			X												
24P PCB-1016 (12674-11-2)			X												
25P Toxaphene (8001-35-2)			X												
Other Parameters															
Chromium, Hexavalent (VI) (18540-29-9)	(3)		X	< 0.0100	< 0.0165	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Kjeldahl Nitrogen (TKN)	X	X		1.09	1.80	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E-10173)	(3)	X		396	654	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(3)	X		75.7	125.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3-Chlorophenol	(3)		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4-Chlorophenol	(3)		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,3-Dichlorophenol	(3)		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,5-Dichlorophenol	(3)		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,6-Dichlorophenol	(3)		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3,4-Dichlorophenol	(3)		X	< 0.00154	< 0.00254	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

NOTES:

During a 24-hour sampling event conducted during the period September 21-22, 2005, composite samples were collected for all parameters above with only one analytical result except that one-time grab samples were collected on September 22, 2005 for those pollutants for which composite sampling is inappropriate (total phenols, total cyanide, and total residual chlorine).

The following flow rate was used to convert the 9/21-22/05 sampling event data from concentration to mass where applicable: 0.1980 MGD

Historical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) including: flow, pH, total suspended solids, and oil & grease.

All single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non-detected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one analytical result was non-detected.

All laboratory analyses for the 9/21-22/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for specific alternative methods.

(1) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations.

(2) Although this parameter was detected, the laboratory indicated that the analyte was detected in the associated method blank, and thus Cleco has no reason to believe it is actually present in Outfall 009 effluent.

(3) Additional analytes required in accordance with LAC 33 IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not specifically required per LAC 33 IX 2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501 G 7 f.

NA = Testing not required, not applicable
mg/L = milligrams per liter
lbs/day = pounds per day
MGD = million gallons per day
°F = degrees Farenheit
S.U. = standard units
col/100 mL = colonies per 100 milliliters

Outfall 009

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 006

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	2	3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	19.0	23.8	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	9.4	11.8	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	10.0	12.5	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	< 0.200	< 0.250	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	0.188	VALUE	0.169	VALUE	0.140	52	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	84	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
	MINIMUM	MAXIMUM	[redacted]									
i. pH	6.40	7.70					52	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.125	0.156	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		22.0	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X	< 0.500	< 0.626	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		0.682	0.854	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease		X	< 5.00	< 6.26	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 1.25	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
j. Radioactivity beta, Total		X												
j. Radioactivity Radium, Total		X												
j. Radioactivity Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		23.4	29.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
l. Sulfide (as S)		X	< 0.500	< 0.626	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
m. Sulfite (as SO_3) (14265-45-3)	X		58.1	72.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
n. Surfactants		X	< 0.2	< 0.3	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Aluminum, Total (7429-90-5)	X		57.600	72.101	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Barium, Total (7440-33-3)	X		0.0714	0.0894	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Boron, Total (7440-42-8)	X		6.720	8.412	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Cobalt, Total (7440-48-4)	X		0.138	0.173	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Iron, Total (7439-89-6)	X		0.307	0.384	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Magnesium, Total (7439-95-4)	X		47.8	59.8	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Molybdenum, Total (7439-98-7)		X	< 0.00200	< 0.00250	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Manganese, Total (7439-96-5)	X		6.380	7.986	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Tin, Total (7440-31-5)		X	< 0.100	< 0.125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Titanium, Total (7440-32-6)		X	< 0.0100	< 0.0125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406 — OUTFALL NUMBER 009

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO. OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X		X	< 0.00100	< 0.00125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.00242	0.00303	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X	X		0.0142	0.0178	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X	X		0.00384	0.00481	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X	X		0.00117	0.00146	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.368	0.461	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.00125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.000250	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.320	0.401	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X	X		0.0246	0.0308	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X	X		0.00319	0.00399	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X	X		0.463	0.580	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X	X		0.0205	0.0257	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15M Phenols, Total	X		X	< 0.0500	< 0.0626	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 0.125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 0.125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.013	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 009

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2-Trans Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1-Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2 Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0063	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2 Chlorophenol (95-57-8)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4 Dichlorophenol (120-83-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4 Dimethylphenol (105-67-9)	X		X	< 0.00590	< 0.00739	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6-Dinitro-o-Cresol (534-52-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro m Cresol (59-50-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4-Benzofluoranthene (205-99-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chlorisopropyl) Ether (102-60-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00437	< 0.00547	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4 Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2 Chloronaphthalene (91-58-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4 Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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OUTFALL NUMBER 009

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	5. INTAKE (OPTIONAL) a. LONG TERM AVG (2) MASS	5. INTAKE (OPTIONAL) b. NO OF ANALYSES
20B 1,2 Dichlorobenzene (95-50-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21B 1,3 Dichlorobenzene (541-73-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22B 1,4-Dichlorobenzene (106-46-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
23B 3,3-Dichlorobenzidine (91-94-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24B Diethyl Phthalate (84-66-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25B Dimethyl Phthalate (131-11-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26B Di-n Butyl Phthalate (84-74-2)	X		X (2)	0.0112	0.0140	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28B 2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29B Di-n Octyl Phthalate (117-84-0)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30B 1,2 Diphenylhydrazine (122-66-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
31B Fluoranthene (206-44-0)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
32B Fluorene (86-73-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
33B Hexachlorobenzene (118-74-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
34B Hexachlorobutadiene (87-68-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
35B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
36B Hexachloroethane (67-72-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
37B Indeno (1,2,3 cd) Pyrene (193-39-5)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
38B Isophorone (78-59-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
39B Naphthalene (91-20-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
40B Nitrobenzene (98-95-3)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
41B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
42B N-Nitrosodi-n Propylamine (621-64-7)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
43B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
44B Phenanthrene (85-01-8)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
45B Pyrene (129-00-0)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
46B 1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha-BHC (319-84-6)			X												
3P beta-BHC (319-25-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha-Endosulfan (115-29-7)			X												
12P beta Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

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1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. (2) MASS	b. NO OF ANALYSES
14P Endrin (72-20-8)			X												
15P Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P Heptachlor Epoxide (1024-57-3)			X												
18P PCB 1242 (53469-21-9)			X												
19P PCB 1254 (11097-69-1)			X												
20P PCB 1221 (11104-28-2)			X												
21P PCB 1232 (11141-16-5)			X												
22P PCB 1248 (12672-29-6)			X												
23P PCB 1260 (11096-82-5)			X												
24P PCB 1016 (12674-11-2)			X												
25P Toxaphene (8001-35-2)			X												
Other Parameters															
Chromium, Hexavalent (VI) (18540-29-9)	(3)		X	< 0.0100	< 0.0125	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Kjeldahl Nitrogen (TKN)	X	X		0.682	0.854	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E-10173)	(3)	X		308	386	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(3)	X		29.2	36.6	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3-Chlorophenol	(3)		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4-Chlorophenol	(3)		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,3-Dichlorophenol	(3)		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,5-Dichlorophenol	(3)		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2,6-Dichlorophenol	(3)		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3,4-Dichlorophenol	(3)		X	< 0.00118	< 0.00148	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

NOTES

One time grab samples were collected on September 22, 2005 for all parameters above with only one analytical result. One-time grab samples, not 24-hour composites, were collected as allowed at LAC 33 IX 2501 G 7 for holding ponds with a retention time greater than 24 hours.

The following flow rate was used to convert the 9/22/05 sampling event data from concentration to mass where applicable: 0.1500 MGD

Historical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) including flow and pH.

All single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non-detected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one analytical result was non-detected.

All laboratory analyses for the 9/22/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for specific alternative methods.

(1) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations.

(2) Although this parameter was detected, the laboratory indicated that the analyte was detected in the associated method blank, and thus Cleco has no reason to believe it is actually present in Outfall 009 effluent.

(3) Additional analytes required in accordance with LAC 33 IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not specifically required per LAC 33 IX 2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501 G 7 f.

NA = Testing not required, not applicable
mg/L = milligrams per liter
lbs/day = pounds per day
MGD = million gallons per day
°F = degrees Farenheit
S.U. = standard units
col/100 mL = colonies per 100 milliliters

Outfall 010

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 016

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

Part A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	3	17	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	22.1	122.7	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	< 1.0	< 5.6	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	16.20	600.24	10.00	309.47	5.69	63.95	23	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	6.82	37.85	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow	VALUE	4.440	VALUE	0.839	VALUE	0.495	68	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	88	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
	MINIMUM	MAXIMUM	[redacted]									
i. pH	7.35	8.40					23	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X	< 0.1	< 0.6	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		16.0	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X	< 0.500	< 2.775	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		37.7	209.2	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease			4.40	77.81	3.15	41.86	1.88	18.10	23	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	< 5.55	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
j. Radioactivity beta, Total		X												
j. Radioactivity Radium, Total		X												
j. Radioactivity Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		2270	12599	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
l. Sulfide (as S)		X	< 0.500	< 2.775	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
m. Sulfite (as SO_3) (14265-45-3)	X		457.0	2536.5	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
n. Surfactants		X	< 0.2	< 1.1	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Aluminum, Total (7429-90-5)	X		0.963	5.345	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Barium, Total (7440-33-3)	X		0.148	0.821	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Boron, Total (7440-42-8)	X		140	777	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Cobalt, Total (7440-48-4)		X	< 0.00100	< 0.006	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Iron, Total (7439-89-6)	X		0.631	3.502	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Magnesium, Total (7439-95-4)	X		27.0	149.9	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Molybdenum, Total (7439-98-7)	X		4.350	24.144	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Manganese, Total (7439-96-5)	X		0.0438	0.2431	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Tin, Total (7440-31-5)		X	< 0.00200	< 0.01110	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Titanium, Total (7440-32-6)	X		0.0251	0.1393	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406 — OUTFALL NUMBER 010

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG. (1) CONC.	(2) MASS	b. NO. OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X	X		0.00322	0.01787	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.112	0.622	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X		X	< 0.00100	< 0.00555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	< 0.00555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X	X		0.00123	0.00683	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.00252	0.01399	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X		X	< 0.00100	< 0.00555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X		X	< 0.000200	< 0.001110	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.0117	0.0649	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X	X		0.367	2.037	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	< 0.00555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X		X	< 0.00100	< 0.00555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X		X	< 0.00500	< 0.028	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X	X		0.0124	0.0688	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X		X	< 0.0500	< 0.2775	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	< 0.555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	< 0.555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	< 0.056	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 010

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	5. INTAKE (OPTIONAL) a. LONG TERM AVG (2) MASS	5. INTAKE (OPTIONAL) b. NO. OF ANALYSES
23V 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Toluene (108-88-3)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,1,1-Trichloroethane (71-55-6)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,2-Trichloroethane (79-00-5)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V Trichloroethylene (79-01-6)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichlorofluoromethane (75-69-4)	NA (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31V Vinyl Chloride (75-01-4)	X		X	< 0.0050	< 0.0278	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4-Dichlorophenol (120-83-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4-Dimethylphenol (105-67-9)	X		X	< 0.00660	< 0.03663	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6-Dinitro-o-Cresol (534-52-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro-m-Cresol (59-50-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4-Benzofluoranthene (205-99-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chlorisopropyl) Ether (102-60-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00488	< 0.02709	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

EPA I.D. NUMBER LAD000726405 | OUTFALL NUMBER 010

1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	4. UNITS b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
[illegible] robenzene (95-50-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
[illegible] (541-73-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
[illegible] (106-46-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
[illegible] benzidine (91-94-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24B Diethyl Phthalate (84-66-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25B Dimethyl Phthalate (131-11-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26B Di-n Butyl Phthalate (84-74-2)	X		X	< 0.00660	< 0.03663	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28B 2,6 Dinitrotoluene (606-20-2)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29B Di-n-Octyl Phthalate (117-84-0)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30B 1,2 Diphenylhydrazine (122-66-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
31B Fluoranthene (206-44-0)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
32B Fluorene (86-73-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
33B Hexachlorobenzene (118-74-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
34B Hexachlorobutadiene (87-68-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
35B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
36B Hexachloroethane (67-72-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
37B Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
38B Isophorone (78-59-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
39B Naphthalene (91-20-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
40B Nitrobenzene (98-95-3)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
41B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
42B N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
43B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
44B Phenanthrene (85-01-8)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
45B Pyrene (129-00-0)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
46B 1,2,4 Trichlorobenzene (120-82-1)	X		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha BHC (319-84-6)			X												
3P beta-BHC (319-85-7)			X												
4P gamma BHC (58-89-9)			X												
5P delta BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha-Endosulfan (115-29-7)			X												
12P beta-Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

EPA I.D. NUMBER LAD000726406 | OUTFALL NUMBER 010

1 POLLUTANT AND CAS NUMBER	2a TESTING REQUIRED	2b BELIEVED PRESENT	2c BELIEVED ABSENT	3 EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVERAGE (1) CONC.	c. LONG TERM AVERAGE (2) MASS	d. NO OF ANALYSES	4 UNITS a CONC.	4 UNITS b MASS	5 INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	a. LONG TERM AVG (2) MASS	b. NO OF ANALYSES
4P Endrin (72-20-8)			X												
5P Endrin Aldehyde (7421-93-4)			X												
6P Heptachlor (76-44-8)			X												
7P Heptachlor Epoxide (1024-57-3)			X												
8P PCB 1242 (53469-21-9)			X												
9P PCB 1254 (11097-69-1)			X												
0P PCB 1221 (11104-28-2)			X												
1P PCB 1232 (11141-16-5)			X												
2P PCB 1248 (12672-29-6)			X												
3P PCB 1260 (11096-82-5)			X												
4P PCB 1016 (12674-11-2)			X												
5P Toxaphene (8001-35-2)			X												
Other Parameters															
Chromium, Hexavalent (VI) (18540-29-9)	(2)		X	< 0.0100	< 0.0555	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Kjeldahl Nitrogen (TKN)	X	X		44.5	247.0	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Total Dissolved Solids (E-10173)	(2)	X		4720	26197	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chloride (16887-00-6)	(2)	X		341	1893	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(2)		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(2)		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3 Dichlorophenol	(2)		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5 Dichlorophenol	(2)		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6 Dichlorophenol	(2)		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4 Dichlorophenol	(2)		X	< 0.00132	< 0.00733	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

NOTES

One-time grab samples were collected on September 21, 2005 for all parameters above with only one analytical result. One-time grab samples, not 24-hour composites, were collected as allowed at LAC 33 IX 2501 G 7 for holding times with a retention time greater than 24 hours.

The following flow rate was used to convert the 9/21/05 sampling event data from concentration to mass where applicable: 0.0651 MGD

It should be noted that the Outfall 010 basin was not actually flowing during the sampling event (this flow rate is an estimated long-term average).

Historical analytical data from the period October 2004 through September 2005 were used for those parameters routinely monitored at the outfall under the LPDES permit and reported in Discharge Monitoring Reports (DMRs) including flow, pH, total suspended solids, and oil & grease.

All single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) not detected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method. For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one analytical result was non-detected.

All laboratory analyses for the 9/21/05 sampling event were performed by Pace Analytical Services, Inc. of St. Rose, LA (or its subcontractors). All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for specific alternative methods.

(1) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations.

(2) Additional analytes required in accordance with LAC 33 IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not specifically required per LAC 33 IX 2501 G 7 c, LAC 33 IX 2501 G 7 e, or LAC 33 IX 2501 G 7 f.

NA = Testing not required, not applicable
mg/L = milligrams per liter
lbs/day = pounds per day
MGD = million gallons per day
°F = degrees Farenheit
S.U. = standard units
col/100 mL = colonies per 100 milliliters

Outfall 011

Effluent Data from the November 28, 2005 permit application

EPA I.D. NUMBER LAD000726406

OUTFALL NUMBER 011

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C) [redacted]

PART A

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	3. UNITS a. CONC.	b. MASS	4. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	12	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	48.6	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Total Organic Carbon (TOC)	22	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
d. Total Suspended Solids (TSS)	444	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
e. Ammonia (as N)	1.84	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
f. Flow SEE FOOTNOTE (1)	VALUE	0	VALUE	0	VALUE	0	No discharge	MGD	NA	NA	NA	NA
g. Temperature (summer)	VALUE	90	VALUE	NA	VALUE	NA	1	°F	NA	NA	NA	NA
h. Temperature (winter)	VALUE		VALUE		VALUE							
	MINIMUM	MAXIMUM	[redacted]									
i. pH	6.85	6.85					1	S.U.	NA	NA	NA	NA

Part B

3. POLLUTANT AND CAS NO.	2a. BELIEVED PRESENT	2b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X	< 0.1	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
c. Color (True, Apparent)	X		27.0	NA	NA	NA	NA	NA	1	Pt-Co	NA	NA	NA	NA
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate Nitrite (as N)		X	< 0.500	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
g. Nitrogen, Total Organic (as N)	X		9.86	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
h. Oil & Grease		X	< 5.00	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
i. Phosphorus (as P), Total (7723-14-0)		X	< 1.00	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
j. Radioactivity alpha, Total		X												
k. Radioactivity beta, Total		X												
l. Radioactivity Radium, Total		X												
m. Radioactivity Radium 226, Total		X												
n. Sulfate (as SO_4) (14808-79-8)	X		1900	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
o. Sulfide (as S)	X		55.8	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
p. Sulfite (as SO_3) (14265-45-3)	X		115.1	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
q. Surfactants	X		0.28	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
r. Aluminum, Total (7429-90-5)	X		18.8	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
s. Barium, Total (7440-33-3)	X		0.522	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
t. Boron, Total (7440-42-8)	X		69.7	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
u. Cobalt, Total (7440-48-4)	X		0.0178	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
v. Iron, Total (7439-89-6)	X		10.8	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
w. Magnesium, Total (7439-95-4)	X		179	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
x. Molybdenum, Total (7439-98-7)	X		0.155	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
y. Manganese, Total (7439-96-5)	X		0.743	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
z. Tin, Total (7440-31-5)		X	< 0.00200	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
aa. Titanium, Total (7440-32-6)	X		1.100	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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1. POLLUTANT AND CAS NUMBER	2a. TESTING REQUIRED	2b. BELIEVED PRESENT	2c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC.	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONC.	b. MASS	5. INTAKE (OPTIONAL) a. LONG TERM AVG (1) CONC.	(2) MASS	b. NO OF ANALYSES
Part C-Metals, Cyanide, and Total Phenols															
1M Antimony, Total (7440-36-0)	X	X		0.00497	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2M Arsenic, Total (7440-38-2)	X	X		0.0687	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3M Beryllium, Total (7440-41-7)	X	X		0.00597	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4M Cadmium, Total (7440-43-9)	X		X	< 0.00100	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5M Chromium, Total (7440-47-3)	X	X		0.0189	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6M Copper, Total (7440-50-8)	X	X		0.0259	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7M Lead, Total (7439-92-1)	X	X		0.00863	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8M Mercury, Total (7439-97-6)	X	X		0.00103	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9M Nickel, Total (7440-02-0)	X	X		0.0548	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10M Selenium, Total (7782-49-2)	X	X		0.393	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11M Silver, Total (7440-22-4)	X		X	< 0.00100	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12M Thallium, Total (7440-28-0)	X	X		0.00141	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13M Zinc, Total (7440-66-6)	X	X		0.144	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14M Cyanide, Total (57-12-5)	X		X	< 0.00500	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15A Phenols, Total	X		X	< 0.0500	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Dioxin															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X												
Part C-Volatile Compounds															
1V Acrolein (107-02-8)	X		X	< 0.100	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2V Acrylonitrile (107-13-1)	X		X	< 0.100	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3V Benzene (71-43-2)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4V Bis (Chloromethyl) Ether (542-88-1)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5V Bromoform (75-25-2)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6V Carbon Tetrachloride (56-23-5)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7V Chlorobenzene (108-90-7)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8V Chlorodibromomethane (124-48-1)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9V Chloroethane (75-00-3)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10V 2-Chloroethylvinyl Ether (110-75-8)	X		X	< 0.010	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11V Chloroform (67-66-3)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12V Dichlorobromomethane (75-27-4)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13V Dichlorodifluoromethane (75-71-8)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14V 1,1-Dichloroethane (75-34-3)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15V 1,2-Dichloroethane (107-06-2)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16M 1,1-Dichloroethylene (75-35-4)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17V 1,2-Dichloropropane (78-87-5)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18V 1,3-Dichloropropylene (542-75-6)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19V Ethylbenzene (100-41-4)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
20V Methyl Bromide (74-83-9)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
21V Methyl Chloride (74-87-3)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
22V Methylene Chloride (75-09-2)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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1 POLLUTANT AND CAS NUMBER	2a TESTING REQUIRED	2b BELIEVED PRESENT	2c BELIEVED ABSENT	3 EFFLUENT a MAXIMUM DAILY VALUE (1) CONC.	(2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONC.	(2) MASS	c. LONG TERM AVERAGE (1) CONC	(2) MASS	d NO OF ANALYSES	4 UNITS a CONC.	b MASS	5 INTAKE (OPTIONAL) a LONG TERM AVG (1) CONC	(2) MASS	b NO OF ANALYSES
24V 1,1,2,2 Tetrachloroethane (79-34-5)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25V Tetrachloroethylene (127-18-4)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26V Toluene (108-88-3)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27V 1,2 Trans Dichloroethylene (156-60-5)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28V 1,1,1 Trichloroethane (71-55-6)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29V 1,1,2 Trichloroethane (79-00-5)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30V Trichloroethylene (79-01-6)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
31V Trichlorofluoromethane (75-69-4)	NA (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
32V Vinyl Chloride (75-01-4)	X		X	< 0.0050	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Acid Compounds															
1A 2-Chlorophenol (95-57-8)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2A 2,4-Dichlorophenol (120-83-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3A 2,4-Dimethylphenol (105-67-9)	X		X	< 0.00615	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4A 4,6 Dinitro-o-Cresol (534-52-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5A 2,4-Dinitrophenol (51-28-5)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6A 2-Nitrophenol (88-75-5)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7A 4-Nitrophenol (100-02-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8A p-Chloro-m-Cresol (59-50-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9A Pentachlorophenol (87-86-5)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10A Phenol (108-95-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11A 2,4,6-Trichlorophenol (88-06-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Base/Neutral Compounds															
1B Acenaphthene (83-32-9)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
2B Acenaphthylene (208-96-8)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
3B Anthracene (120-12-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
4B Benzidine (92-87-5)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5B Benzo (a) Anthracene (56-55-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6B Benzo (a) Pyrene (50-32-8)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
7B 3,4 Benzofluoranthene (205-99-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
8B Benzo (g,h,i) Perylene (191-24-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
9B Benzo (k) Flouranthene (207-08-9)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
10B Bis(2-Chloroethoxy) Methane(111-91-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
11B Bis(2-Chloroethyl) Ether (111-44-4)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
12B Bis(2-Chlorisopropyl) Ether (102-60-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
13B Bis(2-Ethylhexyl) Phthalate (117-81-7)	X		X	< 0.00455	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
14B 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
15B Butyl Benzyl Phthalate (85-68-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
16B 2-Chloronaphthalene (91-58-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
18B Chrysene (218-01-9)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
19B Dibenzo (a,h) Anthracene (53-70-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

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22B 1,2-Dichlorobenzene (95-50-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
23B 1,3-Dichlorobenzene (541-73-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
24B 1,4-Dichlorobenzene (106-46-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
25B 3,3-Dichlorobenzidine (91-94-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
26B Diethyl Phthalate (84-66-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
27B Dimethyl Phthalate (131-11-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
28B Di-n-Butyl Phthalate (84-74-2)	X		X	< 0.00615	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
29B 2,4-Dinitrotoluene (121-14-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
30B 2,6-Dinitrotoluene (606-20-2)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
31B Di-n-Octyl Phthalate (117-84-0)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
32B 1,2-Diphenylhydrazine (122-66-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
33B Fluoranthene (206-44-0)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
34B Fluorene (86-73-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
35B Hexachlorobenzene (118-74-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
36B Hexachlorobutadiene (87-68-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
37B Hexachlorocyclopentadiene (77-47-4)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
38B Hexachloroethane (67-72-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
39B Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
40B Isophorone (78-59-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
41B Naphthalene (91-20-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
42B Nitrobenzene (98-95-3)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
43B N-Nitrosodimethylamine (62-75-9)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
44B N-Nitrosodi-n-Propylamine (621-64-7)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
45B N-Nitrosodiphenylamine (86-30-6)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
46B Phenanthrene (85-01-8)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
47B Pyrene (129-00-0)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
48B 1,2,4-Trichlorobenzene (120-82-1)	X		X	< 0.00123	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Part C - Pesticides															
1P Aldrin (309-00-2)			X												
2P alpha-BHC (319-84-6)			X												
3P beta-BHC (319-25-7)			X												
4P gamma-BHC (58-89-9)			X												
5P delta-BHC (319-86-8)			X												
6P Chlordane (57-74-9)			X												
7P 4,4-DDT (50-29-3)			X												
8P 4,4-DDE (72-55-9)			X												
9P 4,4-DDD (72-54-8)			X												
10P Dieldrin (60-57-1)			X												
11P alpha-Endosulfan (115-29-7)			X												
12P beta-Endosulfan (115-29-7)			X												
13P Endosulfan Sulfate (1031-07-8)			X												

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4P Endrin (72 20 8)			X												
5P Endrin Aldehyde (7421-93-4)			X												
6P Heptachlor (76-44-8)			X												
7P Heptachlor Epoxide (1024 57-3)			X												
8P PCB 1242 (53469-21-9)			X												
9P PCB 1254 (11097 69-1)			X												
1P PCB 1221 (11104-28 2)			X												
2P PCB 1232 (11141-16 5)			X												
2P PCB 1248 (12672-29 6)			X												
3P PCB 1260 (11096-82-5)			X												
4P PCB 1016 (12674-11-2)			X												
5P Toxaphene (8001-35-2)			X												
ther Parameters															
hromium, Hexavalent (VI) (18540-29-9)	(3)		X	< 0.0100	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
otal Kjeldahl Nitrogen (TKN)	X	X		11.7	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
otal Dissolved Solids (E-10173)	(3)	X		3440	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
hloride (16887-00-6)	(3)	X		122	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
-Chlorophenol	(3)		X	< 0.00132	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
Chlorophenol	(3)		X	< 0.00132	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
,3-Dichlorophenol	(3)		X	< 0.00132	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
5-Dichlorophenol	(3)		X	< 0.00132	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
6-Dichlorophenol	(3)		X	< 0.00132	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA
,4-Dichlorophenol	(3)		X	< 0.00132	NA	NA	NA	NA	NA	1	mg/L	lbs/day	NA	NA	NA

OTES:

e time grab samples were collected on September 21, 2005 from the surge ponds associated with Outfall 011 (although it was not actually discharging) for all parameters above with only one analytical result, except that pH was easured on 11/18/05 One-time grab samples, not 24-hour composites, were collected as allowed at LAC 33.IX.2501.G 7 for holding ponds with a retention time greater than 24 hours

single analytical results reported with a "less-than" sign (<) were either (1) non-detected in the effluent sample at or below the analytical method detection limit (MDL) achieved by the applicable laboratory analytical method, or (2) non etected and quantifiable at the practical quantitation limit (PQL) achieved by the applicable laboratory analytical method For pollutants with multiple analyses, when an average was calculated, a less-than sign indicates that at least one nalytical result was non-detected

laboratory analyses for the 9/21/05 sampling event were performed by Pace Analytical Services, Inc of St. Rose, LA (or its subcontractors) All methods were in accordance with 40 CFR 136 and USEPA Region 6 approvals for pecific alternative methods

) Outfall 011 never actually discharges from its surges ponds, so the long term average flow rate for the outfall is considered zero; no masses were calculated for the 9/21/05 sampling event; and no historical data are available for eporting on this Form 2C

2) Although this parameter is still shown on USEPA Form 2C, it is not longer required to be analyzed under the pertinent regulations

3) Additional analytes required in accordance with LAC 33 IX 2707 D, and which may be included in the LDEQ Water Quality Standards screen. These parameters were analyzed for the purpose of the permit shield, although not pecifically required per LAC 33 IX 2501.G 7.c, LAC 33 IX 2501 G.7.e, or LAC 33.IX.2501.G.7.f.

IA = Testing not required, not applicable
g/L = milligrams per liter
lbs/day = pounds per day
MGD = million gallons per day
°F = degrees Farenheit
S U = standard units
col/100 mL = colonies per 100 milliliters

Appendix B

Biomonitoring Recommendation

BIOMONITORING FREQUENCY RECOMMENDATION AND RATIONALE FOR ADDITIONAL REQUIREMENTS

Permit Number: LA0062600
Facility Name: Cleco Power, LLC – Dolet Hills Power Station
Previous Critical Dilution: 12.9% Proposed Critical Dilution: 4.3% (10:1 ACR)
Date of Review: 02/24/06 Name of Reviewer: Kim Gunderson

Recommended Frequency by Species:

Pimephales promelas (Fathead minnow): Once/Quarter[1]
Daphnia pulex (water flea): Once/Quarter[1]

Recommended Dilution Series: 1.8%, 2.4%, 3.2%, 4.3%, and 5.7%

Number of Tests Performed during previous 5 years by Species:

Pimephales promelas (Fathead minnow): 7
Daphnia pulex (water flea): 9
Daphnia magna (water flea): N/A – Testing of species was not required
Ceriodaphnia dubia (water flea): N/A – Testing of species was not required

Number of Failed Tests during previous 5 years by Species:

Pimephales promelas (Fathead minnow): No failures on file during the past five years
Daphnia pulex (water flea): No failures on file during the past five years
Daphnia magna (water flea): N/A – Testing of species was not required
Ceriodaphnia dubia (water flea): N/A – Testing of species was not required

Failed Test Dates during previous 5 years by Species:

Pimephales promelas (Fathead minnow): No failures on file during the past five years
Daphnia pulex (water flea): No failures on file during the past five years
Daphnia magna (water flea): N/A – Testing of species was not required
Ceriodaphnia dubia (water flea): N/A – Testing of species was not required

Previous TRE Activities: N/A – No previous TRE Activities

[1] If there are no lethal effects demonstrated after the first year of quarterly testing, the permittee may certify fulfillment of the WET testing requirements in writing to the permitting authority. If granted, the monitoring frequency for the test species may be reduced to not less than once per year for the less sensitive species (usually *Pimephales promelas*) and not less than twice per year for the more sensitive species (usually *Daphnia pulex*). Upon expiration of the permit, the monitoring frequency for both species shall revert to once per quarter until the permit is re-issued.

Additional Requirements (including WET Limits) Rationale / Comments Concerning Permitting:

Cleco Power, LLC – Dolet Hills Power Station owns and operates a steam electric generating station in Mansfield, Desoto Parish, Louisiana. LPDES Permit LA0062600, effective June 1, 2001, contained freshwater acute biomonitoring as an effluent characteristic of Outfall 001 for *Daphnia pulex* and *Pimephales promelas*. The effluent series consisted of 5.5%, 7.3%, 9.7%, 12.9%, and 17.3% concentrations, with the 12.9% effluent concentration being defined as the critical dilution. The testing was to be performed once per quarter for the *Daphnia pulex* and the *Pimephales promelas*. However, if there were no lethal effects exhibited during the first year of biomonitoring, the frequency would reduce to once per six months for the *Daphnia pulex* and once per year for the *Pimephales promelas*. Data on file indicate that the permittee has complied with the biomonitoring requirements contained in LA0062600 with no toxicity failures in the past five years.

Therefore, it is recommended that freshwater acute biomonitoring be an effluent characteristic of Outfall 001 (intermittent discharge of 1.25 MGD of the plant discharge collection pond which consists of cooling tower blowdown and basin overflow, and other previously monitored effluents including secondary ash settling pond discharges [002], lignite pile runoff [003], boiler blowdown [005], treated sanitary sewer [006], metal cleaning waste [007], and low volume waste sources [008], and miscellaneous wastewaters) in LA0062600. The effluent dilution series shall be 1.8%, 2.4%, 3.2%, 4.3%, and 5.7% concentrations, with the 4.3% effluent concentration being defined as the critical dilution (the 10:1 Acute-to-Chronic ratio has been implemented because the critical dilution is less than 5%). In accordance with the Environmental Protection Agency (Region 6) WET testing frequency acceleration(s), the biomonitoring frequency shall be once per quarter for *Daphnia pulex* and *Pimephales promelas*. If there are no significant lethal effects demonstrated at or below the critical dilution during the first four quarters of testing, the permittee may certify fulfillment of the WET testing requirements to the permitting authority and WET testing may be reduced to not less than once per six months for the more sensitive species (usually *Daphnia pulex*) and not less than once per year for the less sensitive species (usually *Pimephales promelas*) for the remainder of the term of the permit. Upon expiration of the permit, the monitoring frequency for both test species shall revert to once per quarter until the permit is re-issued.

Additional monitoring shall be conducted upon the usage of chlorine or any biofouling agent(s).

This recommendation is in accordance with the LDEQ/OES Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards, EPA Region 6 Post-Third Round Whole Effluent Toxicity Testing Frequencies (Revised June 30, 2000), and the Best Professional Judgement (BPJ) of the reviewer.

Appendix C

Water Quality Spreadsheet and Documentation

Developer: Bruce Fielding Time: 04:31 PM

Software: Lotus 4.0 LA0062600 / AI 585

Revision date: 12/13/02

Water Quality Screen for Cleco Power, LLC/Dolet Hills Power Station

Input variables:

Receiving Water Characteristics:

Receiving Water Name= Red River

Critical flow (Qr) cfs= 1344.25

Harm. mean/avg tidal cfs= 7760.88

Drinking Water=1 HHNPCR=2

Marine, 1=y, 0=n

Rec. Water Hardness= 187

Rec. Water TSS= 24

Fisch/Specific=1,Stream=0

Diffuser Ratio=

Effluent Characteristics:

Permittee= Cleco Power, LLC/Dolet Hills Power Station

Permit Number= LA0062600/AI585

Facility flow (Qef),MGD= 1.25

Outfall Number = 001

Eff. data, 2=lbs/day

MQL, 2=lbs/day

Effluent Hardness= N/A

Effluent TSS= N/A

WQBL ind. 0=y, 1=n

Acute/Chr. ratio 0=n, 1=y 1

Aquatic,acute only1=y,0=n

Page Numbering/Labeling

Appendix Appendix C-1

Page Numbers 1=y, 0=n 1

Input Page # 1=y, 0=n 1

Fischer/Site Specific inputs:

Pipe=1,Canal=2,Specific=3

Pipe width, feet

ZID plume dist., feet

MZ plume dist., feet

HHnc plume dist., feet

HHc plume dist., feet

Fischer/site specific dilutions:

F/specific ZID Dilution = ---

F/specific MZ Dilution = ---

F/specific HHnc Dilution= ---

F/specific HHc Dilution= ---

Dilution:

ZID Fs = 0.033333

MZ Fs = 0.333333

Critical Qr (MGD)=868.7888

Harm. Mean (MGD)= 5015.857

ZID Dilution = 0.041378

MZ Dilution = 0.004298

HHnc Dilution= 0.001437

HHc Dilution= 0.000249

ZID Upstream = 23.1677

MZ Upstream = 231.677

MZhhnc Upstream= 695.031

MZhhc Upstream= 4012.685

ZID Hardness= ---

MZ Hardness= ---

ZID TSS= ---

MZ TSS= ---

Multipliers:

WLAa --> LTAa 0.32

WLAc --> LTAc 0.53

LTA a,c-->WQBL avg 1.31

LTA a,c-->WQBL max 3.11

LTA h --> WQBL max 2.38

WQBL-limit/report 2.13

WLA Fraction 1

WQBL Fraction 1

Conversions:

ug/L-->lbs/day Qef0.010425

ug/L-->lbs/day Qeo 0

ug/L-->lbs/day Qr 11.21105

lbs/day-->ug/L Qeo95.92326

lbs/day-->ug/L Qef95.92326

diss-->tot 1=y0=n 1

Cu diss->tot1=y0=n 1

cfs-->MGD 0.6463

Receiving Stream:

Default Hardness= 25

Default TSS= 10

99 Crit., 1=y, 0=n 1

Toxicity Dilution Series:

Biomonitoring dilution: 0.042978

Dilution Series Factor 0.75

	Percent Effluent
Dilution No. 1	5.730%
Dilution No. 2	4.2978%
Dilution No 3	3.2234%
Dilution No. 4	2.4175%
Dilution No. 5	1.8131%

Partition Coefficients; Dissolved-->Total

METALS	FW
Total Arsenic	2.132135
Total Cadmium	3.64626
Chromium III	5.197146
Chromium VI	1
Total Copper	3.376229
Total Lead	6.28689
Total Mercury	2.858525
Total Nickel	2.921706
Total Zinc	4.243197

Aquatic Life, Dissolved

Metal Criteria, ug/L

METALS	ACUTE	CHRONIC
Arsenic	339.8	150
Cadmium	62.64781	1.636933
Chromium III	916.2277	297.2148
Chromium VI	15.712	10.582
Copper	33.23251	20.97141
Lead	126.7521	4.939346
Mercury	1.734	0.012
Nickel	2403.563	266.9372
Zinc	194.5079	177.6152

Site Specific Multiplier Values:

CV = ---

N = ---

WLAa --> LTAa ---

WLAc --> LTAc ---

LTA a,c-->WQBL avg ---

LTA a,c-->WQBL max ---

LTA h --> WQBL max ---

(*1) Toxic Parameters	(*2) Instream Conc. ug/L	(*3) CuEffluent /Tech (Avg) ug/L	(*4) Effluent /Tech (Max) ug/L	(*5) MQL ug/L	(*6) Effluent 1=No 95% 0=95 %	(*7) 95th % estimate Non-Tech ug/L	(*8) Numerical Criteria Acute FW ug/L	(*9) Chronic FW ug/L	(*10) HHNDW ug/L	(*11) HH Carcinogen Indicator "C"
NONCONVENTIONAL										
Total Phenols (4AAP)				5			700	350	50	
3-Chlorophenol				10						
4-Chlorophenol				10			383	192		
2,3-Dichlorophenol				10						
2,5-Dichlorophenol				10						
2,6-Dichlorophenol				10						
3,4-Dichlorophenol				10						
2,4-Dichlorophenocy-acetic acid (2,4-D)				---						
2-(2,4,5-Trichlorophen-oxy) propionic acid (2,4,5-TP, Silvex)				---						
METALS AND CYANIDE										
Total Arsenic		13	13	10	1		724.4995	319.8203		
Total Cadmium				1			228.4302	5.968684		
Chromium III		10	10	10	1		4761.769	1544.669		
Chromium VI				10			15.712	10.582		
Total Copper		22	22	10	1		112.2006	70.8043		
Total Lead				5			796.8763	31.05313		
Total Mercury				0.2			4.956682	0.034302		
Total Nickel		14	14	40	1		7022.563	779.9119		
Total Zinc		52	52	20	1		825.3354	753.6564		
Total Cyanide				20			45.9	5.2	12844	
DIOXIN										
2,3,7,8 TCDD; dioxin						1.0E-005			7.2E-007	C
VOLATILE COMPOUNDS										
Benzene				10			2249	1125	12.5	C
Bromoform				10			2930	1465	34.7	C
Bromodichloromethane				10					3.3	C
Carbon Tetrachloride				10			2730	1365	1.2	C
Chloroform				10			2890	1445	70	C
Dibromochloromethane				10					5.08	C
1,2-Dichloroethane				10			11800	5900	6.8	C
1,1-Dichloroethylene				10			1160	580	0.58	C
1,3-Dichloropropylene				10			606	303	162.79	
Ethylbenzene				10			3200	1600	8100	
Methyl Chloride				50			55000	27500		
Methylene Chloride				20			19300	9650	87	C
1,1,2,2-Tetrachloro-ethane				10			932	466	1.8	C

(*1) Toxic Parameters	(*12) WLAa Acute	(*13) WLAc Chronic	(*14) WLAh HHNDW	(*15) LTAa Acute	(*16) LTAc Chronic	(*17) LTAh HHNDW	(*18) Limiting A,C,HH	(*19) WQBL Avg 001	(*20) WQBL Max 001	(*21) WQBL Avg 001	(*22) WQBL Max 001	(*23) Need WQBL?
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	lbs/day	lbs/day	
NONCONVENTIONAL												
Total Phenols (4AAP)	16917.39	81436.95	34801.55	5413.565	43161.58	34801.55	5413.565	7091.77	16836.19	73.9317	175.5172	no
3-Chlorophenol	---	---	---	---	---	---	---	---	---	---	---	no
4-Chlorophenol	9256.229	44673.99	---	2961.993	23677.21	---	2961.993	3880.211	9211.799	40.4512	96.03301	no
2,3-Dichlorophenol	---	---	---	---	---	---	---	---	---	---	---	no
2,5-Dichlorophenol	---	---	---	---	---	---	---	---	---	---	---	no
2,6-Dichlorophenol	---	---	---	---	---	---	---	---	---	---	---	no
3,4-Dichlorophenol	---	---	---	---	---	---	---	---	---	---	---	no
2,4-Dichlorophenocy-acetic acid (2,4-D)	---	---	---	---	---	---	---	---	---	---	---	no
2-(2,4,5-Trichlorophen-oxy) propionic acid (2,4,5-TP, Silvex)	---	---	---	---	---	---	---	---	---	---	---	no
METALS AND CYANIDE												
Total Arsenic	17509.49	74414.82	---	5603.036	39439.86	---	5603.036	7339.977	17425.44	76.51926	181.6602	no
Total Cadmium	5520.633	1388.776	---	1766.603	736.051	---	736.051	964.2269	2289.119	10.05207	23.86406	no
Chromium III	115081	359408.9	---	36825.92	190486.7	---	36825.92	48241.96	114528.6	502.9224	1193.961	no
Chromium VI	379.7229	2462.188	---	121.5113	1304.96	---	121.5113	159.1798	377.9002	1.65945	3.93961	no
Total Copper	2711.629	16474.53	---	867.7214	8731.502	---	867.7214	1136.715	2698.614	11.85025	28.13305	no
Total Lead	19258.67	7225.349	---	6162.774	3829.435	---	3829.435	5016.56	11909.54	52.29763	124.157	no
Total Mercury	119.7916	7.981357	---	38.33332	4.230119	---	4.230119	5.541456	13.15567	0.05777	0.137148	no
Total Nickel	169719.2	181467.6	---	54310.14	96177.82	---	54310.14	71146.29	168904.5	741.7001	1760.83	no
Total Zinc	19946.46	175358.5	---	6382.867	92940.01	---	6382.867	8361.555	19850.72	87.16921	206.9437	no
Total Cyanide	1109.297	1209.92	8939822	354.9752	641.2578	8939822	354.9752	465.0175	1103.973	4.847807	11.50892	no
DIOXIN												
2,3,7,8 TCDD; dioxin	---	---	0.00289	---	---	0.00289	0.00289	0.00289	0.006878	0.00003	0.000072	no
VOLATILE COMPOUNDS												
Benzene	54353.16	261761.6	50171.07	17393.01	138733.7	50171.07	17393.01	22784.84	54092.26	237.532	563.9118	no
Bromoform	70831.36	340871.8	139274.9	22659.64	180662.1	139274.9	22659.64	29684.12	70471.47	309.457	734.6651	no
Bromodichloromethane	---	---	13245.16	---	---	13245.16	13245.16	13245.16	31523.49	138.0808	328.6323	no
Carbon Tetrachloride	65977.82	317604.1	4816.422	21112.9	168330.2	4816.422	4816.422	4816.422	11463.09	50.2112	119.5027	no
Chloroform	69844.65	336218.3	280958	22350.29	178195.7	280958	22350.29	29278.88	69509.4	305.2323	724.6355	no
Dibromochloromethane	---	---	20389.52	---	---	20389.52	20389.52	20389.52	48527.06	212.5608	505.8946	no
1,2-Dichloroethane	285178.9	1372794	27293.06	91257.24	727581	27293.06	27293.06	27293.06	64957.48	284.5302	677.1818	no
1,1-Dichloroethylene	28034.53	134952.7	2327.938	8971.05	71524.91	2327.938	2327.938	2327.938	5540.491	24.26875	57.75962	no
1,3-Dichloropropylene	14645.63	70501.33	113306.9	4686.601	37365.6	113306.9	4686.601	6139.447	14575.33	64.00373	151.9478	no
Ethylbenzene	77336.64	372283.2	5637851	24747.73	197310.1	5637851	24747.73	32419.52	76965.43	337.9735	802.3646	no
Methyl Chloride	1329224	6398618	---	425351.5	3391267	---	425351.5	557210.5	1322843	5808.92	13790.64	no
Methylene Chloride	466436.6	2245333	349190.6	149259.7	1190027	349190.6	149259.7	195530.2	464197.7	2038.403	4839.261	no
1,1,2,2-Tetrachloro-ethane	22524.3	108427.5	7224.534	7207.775	57466.57	7224.634	7207.775	9442.185	22416.18	98.43478	233.6887	no

(*1) Toxic Parameters	(*2) Instream Conc. ug/L	(*3) CuEffluent /Tech (Avg) ug/L	(*4) Effluent /Tech (Max) ug/L	(*5) MQL ug/L	(*6) Effluent 95th % 1=No 95% 0=95 %	(*7) estimate Non-Tech ug/L	(*8) Numerical Criteria Acute FW ug/L	(*9) Chronic FW ug/L	(*10) HHNDW ug/L	(*11) HH Carcinogen Indicator "C"
VOLATILE COMPOUNDS (cont'd)										
Tetrachloroethylene				10			1290	645	2.5	C
Toluene				10			1270	635	46200	
1,1,1-Trichloroethane				10			5280	2640		
1,1,2-Trichloroethane				10			1800	900	6.9	C
Trichloroethylene				10			3900	1950	21	C
Vinyl Chloride				10					35.8	C
ACID COMPOUNDS										
2-Chlorophenol				10			258	129	126.4	
2,4-Dichlorophenol				10			202	101	232.6	
BASE NEUTRAL COMPOUNDS										
Benzidine				50			250	125	0.00017	C
Hexachlorobenzene				10					0.00025	C
Hexachlorabutadiene				10			5.1	1.02	0.11	C
PESTICIDES										
Aldrin				0.05			3		0.0004	C
Hexachlorocyclohexane (gamma BHC, Lindane)				0.05			5.3	0.21	0.2	C
Chlordane				0.2			2.4	0.0043	0.00019	C
4,4'-DDT				0.1			1.1	0.001	0.00019	C
4,4'-DDE				0.1			52.5	10.5	0.00019	C
4,4'-DDD				0.1			0.03	0.006	0.00027	C
Dieldrin				0.1			0.2374	0.0557	0.00005	C
Endosulfan				0.1			0.22	0.056	0.64	
Endrin				0.1			0.0864	0.0375	0.26	
Heptachlor				0.05			0.52	0.0038	0.00007	C
Toxaphene				5			0.73	0.0002	0.00024	C
Other Parameters:										
Fecal Col.(col/100ml)										
Chlorine							19	11		
Ammonia								4000		
Chlorides										
Sulfates										
TDS										
Goldbook Values:										

(*1) Toxic Parameters	(*12) WLAa Acute	(*13) WLAc Chronic	(*14) WLAh HHNDW	(*15) LTAa Acute	(*16) LTAc Chronic	(*17) LTAh HHNDW	(*18) Limiting A,C,HH	(*19) WQBL Avg 001	(*20) WQBL Max 001	(*21) WQBL Avg 001	(*22) WQBL Max 001	(*23) Need WQBL?
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	lbs/day	lbs/day	
Tetrachloroethylene	31176.33	150076.7	10034.21	9976.427	79540.63	10034.21	9976.427	13069.12	31026.69	136.2456	323.4532	no
Toluene	30692.98	147749.9	3.2E+007	9821.754	78307.45	3.2E+007	9821.754	12866.5	30545.65	134.1332	318.4384	no
1,1,1-Trichloroethane	127605.5	614267.3	---	40833.75	325561.7	---	40833.75	53492.21	126993	557.6563	1323.902	no
1,1,2-Trichloroethane	43501.86	209409.3	27694.43	13920.6	110986.9	27694.43	13920.6	18235.98	43293.05	190.1101	451.3301	no
Trichloroethylene	94254.03	453720.2	84287.39	30161.29	240471.7	84287.39	30161.29	39511.29	93801.61	411.9052	977.8818	no
Vinyl Chloride	---	---	143689.9	---	---	143689.9	143689.9	143689.9	341982.1	1497.968	3565.163	no
ACID COMPOUNDS												
2-Chlorophenol	6235.267	30015.33	87978.32	1995.285	15908.13	87978.32	1995.285	2613.824	6205.337	27.24911	64.69064	no
2,4-Dichlorophenol	4881.876	23500.38	161896.8	1562.2	12455.2	161896.8	1562.2	2046.482	4858.443	21.33458	50.64926	no
BASE NEUTRAL COMPOUNDS												
Benzidine	6041.925	29084.63	0.682327	1933.416	15414.85	0.682327	0.682327	0.682327	1.623937	0.007113	0.01693	no
Hexachlorobenzene	---	---	1.003421	---	---	1.003421	1.003421	1.003421	2.388143	0.010461	0.024896	no
Hexachlorabutadiene	123.2553	237.3305	441.5054	39.44169	125.7852	441.5054	39.44169	51.66861	122.6636	0.538645	1.278769	no
PESTICIDES												
Aldrin	72.5031	---	1.605474	23.20099	---	1.605474	1.605474	1.605474	3.821028	0.016737	0.039834	no
Hexachlorocyclohexane (gamma BHC, Lindane)	126.0888	48.86217	802.7371	40.98842	25.89695	802.7371	25.89695	33.92501	80.53952	0.353668	0.839624	no
Chlordane	58.00248	1.000511	0.7626	18.56079	0.530271	0.7626	0.530271	0.694655	1.649142	0.007242	0.017192	no
4,4'-DDT	26.58447	0.232677	0.7626	8.507031	0.123319	0.7626	0.123319	0.161546	0.383522	0.001684	0.003998	no
4,4'-DDE	1268.804	2443.109	0.7626	406.0174	1294.848	0.7626	0.7626	0.7626	1.814989	0.00795	0.018921	no
4,4'-DDD	0.725031	1.396062	1.083695	0.23201	0.739913	1.083695	0.23201	0.303933	0.721551	0.003169	0.007522	no
Dieldrin	5.737412	12.96011	0.200684	1.835972	6.868858	0.200684	0.200684	0.200684	0.477629	0.002092	0.004979	no
Endosulfan	5.316894	13.02991	445.4599	1.701406	6.905854	445.4599	1.701406	2.228842	5.291373	0.023236	0.055163	no
Endrin	2.088089	8.725388	180.9681	0.668189	4.624456	180.9681	0.668189	0.875327	2.078067	0.009125	0.021664	no
Heptachlor	12.5672	0.884173	0.280958	4.021505	0.468611	0.280958	0.280958	0.280958	0.66868	0.002929	0.006971	no
Toxaphene	17.64242	0.046535	0.963284	5.645575	0.024664	0.963284	0.024664	0.03231	0.076704	0.000337	0.0008	no
Other Parameters:												
Fecal Col. (col/100ml)	---	---	---	---	---	---	---	---	---	---	---	no
Chlorine	459.1863	2559.447	---	146.9396	1356.507	---	146.9396	192.4909	456.9822	2.006718	4.76404	no
Ammonia	---	930708	---	---	493275.3	---	493275.3	646190.6	1534086	6736.537	15992.85	no
Chlorides	---	---	---	---	---	---	---	---	---	---	---	no
Sulfates	---	---	---	---	---	---	---	---	---	---	---	no
TDS	---	---	---	---	---	---	---	---	---	---	---	no
	---	---	---	---	---	---	---	---	---	---	---	no
	---	---	---	---	---	---	---	---	---	---	---	no

APPENDIX C-2
LA0062600 / AI 585

Documentation and Explanation of Water Quality Screen
and Associated Lotus Spreadsheet

Each reference column is marked by a set of parentheses enclosing a number and asterisk, for example (*1) or (*19). These columns represent inputs, existing data sets, calculation points, and results for determining Water Quality Based Limits for an effluent of concern. The following represents a summary of information used in calculating the water quality screen:

Receiving Water Characteristics:

Receiving Water: Red River
Critical Flow, Qrc (cfs): 1344.25
Harmonic Mean Flow, Qrh (cfs): 7760.88
Segment No.: 100101
Receiving Stream Hardness (mg/L): 187
Receiving Stream TSS (mg/L): 24
MZ Stream Factor, Fs: 1/3
Plume distance, Pf: N/

Effluent Characteristics:

Company: Cleco Power, L.L.C. / Dolet Hills Power Station
Facility flow, Qe (MGD): Outfall 001 - 1.25 MGD
Effluent Hardness (mg/L): N/A
Effluent TSS (mg/L): N/A
Pipe/canal width, Pw: N/A
Permit Number: LA0062600

Variable Definition:
Qrc, critical flow of receiving stream, cfs
Qrh, harmonic mean flow of the receiving stream, cfs
Pf = Allowable plume distance in feet, specified in LAC 33.IX.1115.D
Pw = Pipe width or canal width in feet
Qe, total facility flow , MGD
Fs, stream factor from LAC.IX.33.11 (1 for harmonic mean flow)
Cu, ambient concentration, ug/L
Cr, numerical criteria from LAC.IX.1113, Table 1
WLA, wasteload allocation
LTA, long term average calculations
WQBL, effluent water quality based limit
ZID, Zone of Initial Dilution in % effluent
MZ, Mixing Zone in % effluent

Formulas used in aquatic life water quality screen (dilution type WLA):

Streams:

$$\text{Dilution Factor} = \frac{Qe}{(Qrc \times 0.6463 \times Fs + Qe)}$$

$$WLA\ a,c,h = \frac{Cr}{\text{Dilution Factor}} - \frac{(Fs \times Qrc \times 0.6463 \times Cu)}{Qe}$$

Static water bodies (in the absence of a site specific dilution):

Discharge from a pipe:

$$\text{Critical Dilution} = \frac{(2.8)\ Pw\ \pi^{1/2}}{Pf}$$

$$WLA = \frac{(Cr-Cu)\ Pf}{(2.8)\ Pw\ \pi^{1/2}}$$

Discharge from a canal:

$$\text{Critical Dilution} = \frac{(2.38)(Pw^{1/2})}{(Pf)^{1/2}}$$

$$WLA = \frac{(Cr-Cu)\ Pf^{1/2}}{2.38\ Pw^{1/2}}$$

Formulas used in human health water quality screen, human health non-carcinogens (dilution type WLA):

Streams:

$$\text{Dilution Factor} = \frac{Qe}{(Qrc \times 0.6463 + Qe)}$$

$$WLA\ a,c,h = \frac{Cr}{\text{Dilution Factor}} - \frac{(Qrc \times 0.6463 \times Cu)}{Qe}$$

Formulas used in human health water quality screen, human health carcinogens (dilution type WLA):

$$\text{Dilution Factor} = \frac{Qe}{(Qrh \times 0.6463 + Qe)}$$

$$WLA\ a,c,h = \frac{Cr}{\text{Dilution Factor}} - \frac{(Qrh \times 0.6463 \times Cu)}{Qe}$$

Static water bodies in the absence of a site specific dilution (human health carcinogens and human health non-carcinogens):

Discharge from a pipe:

$$\text{Critical Dilution} = \frac{(2.8)\ Pw\ \pi^{1/2}}{Pf}$$

$$WLA = \frac{(Cr-Cu)\ Pf^{*}}{(2.8)\ Pw\ \pi^{1/2}}$$

Discharge from a canal:

$$\text{Critical Dilution} = \frac{(2.38)(Pw^{1/2})}{(Pf)^{1/2}}$$

$$WLA = \frac{(Cr-Cu)\ Pf^{1/2*}}{2.38\ Pw^{1/2}}$$

* Pf is set equal to the mixing zone distance specified in LAC 33:IX.1115 for the static water body type, i.e., lake, estuary, Gulf of Mexico, etc.

If a site specific dilution is used, WLA are calculated by subtracting Cu from Cr and dividing by the site specific dilution for human health and aquatic life criteria.

$$WLA = \frac{(Cr-Cu)}{\text{site specific dilution}}$$

Longterm Average Calculations:
LTAa = WLAa X 0.32
LTAc = WLAc X 0.53
LTAh = WLAh

WQBL Calculations:
Select most limiting LTA to calculate daily max and daily avg WQBL

If aquatic life LTA is more limiting:
Daily Maximum = Min(LTAa, LTAc) X 3.11
Daily Average = Min(LTAc, LTAc) X 1.31

If human health LTA is more limiting:
Daily Maximum = LTAh X 2.38
Daily Average = LTAh

Mass Balance Formulas:

mass (lbs/day): (ug/L) X 1/1000 X (flow, MGD) X 8.34 = lbs/day

$$\text{concentration(ug/L)}: \frac{\text{lbs/day}}{\text{(flow, MGD) X 8.34 X 1/1000}} = \text{ug/L}$$

The following is an explanation of the references in the spreadsheet.

(*1) Parameter being screened.
(*2) Instream concentration for the parameter being screened in ug/L. In the absence of accurate supporting data, the instream concentration is assumed to be zero (0).
(*3) Daily average effluent value in concentration units of ug/L or mass units of lbs/day. Units determined on a case-by-case basis as appropriate to the particular situation.
(*4) Daily maximum value in concentration units of ug/L or mass units of lbs/day. Units determined on a case-by-case basis as appropriate to the particular situation.
(*5) Minimum analytical Quantification Levels (MQL's). Established in a letter dated January 27, 1994 from Wren Stenger of EPA Region 6 to Kilren Vidrine of LDEQ and from the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards". The applicant must test for the parameter at a level at least as sensitive as the specified MQL. If this is not done, the MQL becomes the application value for screening purposes if the pollutant is suspected to be present on-site and/or in the waste stream. Units are in ug/l or lbs/day depending on the units of the effluent data.

(*6) States whether effluent data is based on 95th percentile estimation. A "1" indicates that a 95th percentile approximation is being used, a "0" indicates that no 95th percentile approximation is being used.

(*7) 95th percentile approximation multiplier (2.13). The constant, 2.13, was established in memorandum of understanding dated October 8, 1991 from Jack Ferguson of Region 6 to Jesse Chang of LDEQ and included in the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards". This value is screened against effluent Water Quality Based Limits established in columns (*18) - (*21). Units are in ug/l or lbs/day depending on the units of the measured effluent data.

(*8) LAC 33.IX.1113.C.6, Table 1, Numerical Criteria for Specific Toxic Substances, freshwater (FW) or marine water (MW) (whichever is applicable) aquatic life protection, acute criteria. Units are specified. Some metals are hardness dependent. The hardness of the receiving stream shall generally be used, however a flow weighted hardness may be determined in site-specific situations using the following formula: (Effluent Hardness X ZID Dilution + Receiving Stream Hardness X (1-ZID Dilution)). Dissolved metals are converted to Total metals using partition coefficients in accordance with the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards". Similar to hardness, the TSS of the receiving stream shall generally be used, however, a flow weighted TSS may be determined in site-specific situations using the following formula: (Effluent TSS X ZID Dilution + Receiving Stream TSS X (1-ZID Dilution)).

Hardness Dependent Criteria:

Metal	Formula
Cadmium	$e^{(1.1280[\ln(hardness)] - 1.6774)}$
Chromium III	$e^{(0.8190[\ln(hardness)] + 3.6880)}$
Copper	$e^{(0.9422[\ln(hardness)] - 1.3884)}$
Lead	$e^{(1.2730[\ln(hardness)] - 1.4600)}$
Nickel	$e^{(0.8460[\ln(hardness)] + 3.3612)}$
Zinc	$e^{(0.8473[\ln(hardness)] + 0.8604)}$

Dissolved to Total Metal Multipliers for Freshwater Streams (TSS dependent):

Metal	Multiplier
Arsenic	$1 + 0.48 \times TSS^{-0.73} \times TSS$
Cadmium	$1 + 4.00 \times TSS^{-1.13} \times TSS$
Chromium III	$1 + 3.36 \times TSS^{-0.93} \times TSS$
Copper	$1 + 1.04 \times TSS^{-0.74} \times TSS$
Lead	$1 + 2.80 \times TSS^{-0.80} \times TSS$
Mercury	$1 + 2.90 \times TSS^{-1.14} \times TSS$
Nickel	$1 + 0.49 \times TSS^{-0.57} \times TSS$
Zinc	$1 + 1.25 \times TSS^{-0.70} \times TSS$

Dissolved to Total Metal Multipliers for Marine Environments (TSS dependent):

Metal	Multiplier
Copper	$1 + (10^{4.86} \times TSS^{-0.72} \times TSS) \times 10^{-6}$
Lead	$1 + (10^{6.06} \times TSS^{-0.85} \times TSS) \times 10^{-6}$
Zinc	$1 + (10^{5.36} \times TSS^{-0.52} \times TSS) \times 10^{-6}$

If a metal does not have multiplier listed above, then the dissolved to total metal multiplier shall be 1.

(*9) LAC 33.IX.1113.C.6, Table 1, Numerical Criteria for Specific Toxic Substances, freshwater (FW) or marine water (MW) (whichever is applicable) aquatic life protection, chronic criteria. Units are specified. Some metals are hardness dependent. The hardness of the receiving stream shall generally be used, however a flow weighted hardness may be determined in site-specific situations using the following formula: (Effluent Hardness X MZ Dilution + Receiving Stream Hardness X (1-MZ Dilution)). Dissolved metals are converted to Total metals using partition coefficients in accordance with the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards". Similar to hardness, the TSS of the receiving stream shall generally be used, however, a flow weighted TSS may be determined in site-specific situations using the following formula: (Effluent TSS X MZ Dilution + Receiving Stream TSS X (1-MZ Dilution)).
Hardness dependent criteria:

Metal	Formula
Cadmium	$e^{(0.7852[\ln(hardness)] - 3.4900)}$
Chromium III	$e^{(0.8473[\ln(hardness)] + 0.7614)}$
Copper	$e^{(0.8545[\ln(hardness)] - 1.3860)}$
Lead	$e^{(1.2730[\ln(hardness)] - 4.7050)}$
Nickel	$e^{(0.8460[\ln(hardness)] + 1.1645)}$
Zinc	$e^{(0.8473[\ln(hardness)] + 0.7614)}$

Dissolved to total metal multiplier formulas are the same as (*8), acute numerical criteria for aquatic life protection.

(*10) LAC 33.IX.1113.C.6, Table 1, Numerical Criteria for Specific Toxic Substances, human health protection, drinking water supply (HHDW), non-drinking water supply criteria (HHNDW), or human health non-primarry contact recreation (HHNPCR) (whichever is applicable). A DEQ and EPA approved Use Attainability Analysis is required before HHNPCR is used, e.g., Monte Sano Bayou. Units are specified.

(*11) C if screened and carcinogenic. If a parameter is being screened and is carcinogenic a "C" will appear in this column.

(*12) Wasteload Allocation for acute aquatic criteria (WLAa). Dilution type WLAa is calculated in accordance with the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards". Negative values indicate that the receiving water is not meeting the acute aquatic numerical criteria for that parameter. Units are in ug/L.
Dilution WLAa formulas for streams:

$$WLAa = (Cr/Dilution\ Factor) - \frac{(Fs \times Qrc \times 0.6463 \times Cu)}{Qe}$$

Dilution WLAa formulas for static water bodies:
WLAa = (Cr-Cu)/Dilution Factor)
Cr represents aquatic acute numerical criteria from column (*8).
If Cu data is unavailable or inadequate, assume Cu=0

(*13) Wasteload Allocation for chronic aquatic criteria (WLAc). Dilution type WLAc is calculated in accordance with the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards". Negative values indicate that the receiving water is not meeting the chronic aquatic numerical criteria for that parameter. Units are in ug/L.
Dilution WLAc formula:

$$WLAc = (Cr/\text{Dilution Factor}) - \frac{(Fs \times Qrc \times 0.6463 \times Cu)}{Qe}$$

Dilution WLAc formulas for static water bodies:
WLAc = (Cr-Cu)/Dilution Factor)
Cr represents aquatic chronic numerical criteria from column (*9).
If Cu data is unavailable or inadequate, assume Cu=0

(*14) Wasteload Allocation for human health criteria (WLAh). Dilution type WLAh is calculated in accordance with the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards". Negative values indicate that the receiving water is not meeting the human health numerical criteria for that parameter. Units are in ug/L. Dilution WLAh formula:

$$WLAh = (Cr/\text{Dilution Factor}) - \frac{(Fs \times Qrc, Qrh \times 0.6463 \times Cu)}{Qe}$$

Dilution WLAh formulas for static water bodies:
WLAh = (Cr-Cu)/Dilution Factor)
Cr represents human health numerical criteria from column (*10).
If Cu data is unavailable or inadequate, assume Cu=0

(*15) Long Term Average for aquatic numerical criteria (LTAa). WLAa numbers are multiplied by a multiplier specified in the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards" which is 0.32. WLAa X 0.32 = LTAa

(*16) Long Term Average for chronic numerical criteria (LTAc). WLAc numbers are multiplied by a multiplier specified in the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards" which is 0.53. WLAc X 0.53 = LTAc

(*17) Long Term Average for human health numerical criteria (LTAh). WLAh numbers are multiplied by a multiplier specified in the "Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards" which is 1. WLAc X 1 = LTAh

(*18) Limiting Acute, Chronic or Human Health LTA's. The most limiting LTA is placed in this column. Units are consistent with the WLA calculation.

(*19) End of pipe Water Quality Based Limit (WQBL) maximum 30-day daily average in terms of concentration, ug/L. If aquatic life criteria was the most limiting LTA then the limiting LTA is multiplied by 1.31 to determine the average WQBL ($LTA_{\text{limiting aquatic}} \times 1.31 = WQBL_{\text{daily average}}$). If human health criteria was the most limiting criteria then $LTAh = WQBL_{\text{daily average}}$.

(*20) End of pipe Water Quality Based Limit (WQBL) 30-day daily maximum in terms of concentration, ug/L. If aquatic life criteria was the most limiting LTA then the limiting LTA is multiplied by 3.11 to determine

the daily maximum WQBL ($LTA_{limiting\ aquatic}$ X 3.11 = $WQBL_{daily\ max}$). If human health criteria was the most limiting criteria then LTAh is multiplied by 2.38 to determine the daily maximum WQBL ($LTA_{limiting\ aquatic}$ X 2.38 = $WQBL_{daily\ max}$).

(*21) End of pipe Water Quality Based Limit (WQBL) maximum 30-day daily average in terms of mass, lbs/day. The mass limit is determined by using the mass balance equations above. Daily average WQBL, ug/l/1000 X facility flow, MGD X 8.34 = daily average WQBL, lbs/day.

(*22) End of pipe Water Quality Based Limit (WQBL) 30 day daily maximum in terms of mass, lbs/day. Mass limit is determined by using the mass balance equations above. Daily maximum WQBL, ug/l/1000 X facility flow, MGD X 8.34 = daily maximum WQBL, lbs/day.

(*23) Indicates whether the screened effluent value(s) need water quality based limits for the parameter of concern. A "yes" indicates that a water quality based limit is needed in the permit; a "no" indicates the reverse.