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HAROLD LEGGETT, PH.D.  
SECRETARY

# State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY

ENVIRONMENTAL SERVICES

APR 07 2009

Certified Mail# 7008 3230 0001 2852 7626

RETURN RECEIPT REQUESTED

FILE NUMBER: LA0040941

AI NUMBER: 19216

ACTIVITY NUMBER: PER20080002

City of St. Martinville  
Cypress Island Coulee Wetland Wastewater Assimilation Project  
Post Office Box 379  
St. Martinville, Louisiana 70582

Attention: Honorable Thomas Nelson, Mayor

Subject: Major Modification Louisiana Pollutant Discharge Elimination System (LPDES) permit LA0040941 effective January 1, 2007, for the discharge of treated sanitary wastewater from a publicly owned treatment works serving the City of St. Martinville.

Dear Mr. Nelson:

This Office has not received comments from the City of St. Martinville in response to the public notice published in **THE TECHE NEWS** on February 4, 2009, and the Department of Environmental Quality Public Notice USPS Mailing List and the E-mail Mailing List on February 3, 2009. This Office did, however, receive a comment from the public. A copy of the response to comments is attached.

The final modifications are as follows:

- **The City of St. Martinville received the Army Corps of Engineering 404 permit authorizing the construction of the wetland distribution system in July 2008. The project is expected to be ready by December 30, 2010. Therefore, the effective dates for the INTERIM and FINAL effluent limitations and monitoring requirements have been changed.**

**The INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS will be effective from the effective date of the permit and lasting until no later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.**

**The FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS will be effective beginning no later than December 30, 2010 or, if prior to December 30, 2010, when construction of the distribution system is complete and lasting until the expiration date of the permit**

Pursuant to the Clean Water Act (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act (La. R.S. 30:2001, et seq.), the above referenced LPDES permit has been modified. Please replace the appropriate pages in the permit with this revision. Provisions of the modified portion(s) of this permit may be appealed in writing pursuant to La. R.S. 2024(A) within 30 days from receipt of the modified permit pages.

City of St. Martinville  
Cypress Island Coulee Wetland Assimilation Project  
LA0040941; AI 19216; PER20080002  
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Only those provisions specifically appealed will be suspended by a request for a hearing unless the Secretary or the Assistant Secretary elects to suspend other modified provision(s) as well. All other provisions of this permit will remain in effect. A request for a hearing must be sent to the following:

Louisiana Department of Environmental Quality  
Office of the Secretary  
Attention: Hearings Clerk, Legal Affairs Division  
Post Office Box 4301  
Baton Rouge, Louisiana 70821-4301

To ensure that all correspondence regarding this facility is properly filed into the Department's Electronic Data Management System, you must reference your Agency Interest number 19216 and LPDES permit number LA0040941 on all future correspondence to this Department, including Discharge Monitoring Reports.

Pursuant to LAC 33.IX.1309.I, LAC 33.IX.6509.A.1 and LAC 33.I.1701, you must pay any outstanding fees to the Department. Therefore, you are encouraged to verify your facility's fee status by contacting LDEQ's Office of Management and Finance, Financial Services Division at (225) 219-3863. **Any outstanding fees must be remitted via a check to the Louisiana Department of Environmental Quality within thirty (30) days after the effective date of your permit.** Failure to pay the full amount due in the manner and time prescribed could result in applicable enforcement actions as prescribed in the Environmental Quality Act, including, but not limited to revocation or suspension of the applicable permit, and/or a civil penalty against you.

Should you have any questions concerning any part of the permit modification, please contact Mr. Todd Franklin of the Office of Environmental Services, Water Permits Division, Municipal and General Water Permits Section, at the address on the preceding page or telephone (225) 219-3102.

Sincerely,



Cheryl Sonnier Nolan  
Assistant Secretary

jtf

Attachments (Title page and modified pages from permit-Page 2 and 4 of 4 of Part I and Page 2 of 20 of Part II)

cc: IO-W

ec: Ms. Evelyn Rosborough (6WQ-CA)  
U.S. EPA, Region VI

Public Health Chief Engineer  
Office of Public Health  
Department of Health and Hospitals

City of St. Martinville  
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Permit Compliance Unit  
Office of Environmental Compliance

Capital Regional Office  
Office of Environmental Compliance

Todd Franklin  
Water Permits Division

Ronnie Bean, ESS  
Water Permits Division



PERMIT NO: LA0040941  
AGENCY INTEREST NO: 19216  
ACTIVITY NO: PER20080002

OFFICE OF ENVIRONMENTAL SERVICES  
**Water Discharge Permit**

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing

City of St. Martinville  
Cypress Island Coulee Wetland Wastewater Assimilation Project  
Post Office Box 379  
St. Martinville, Louisiana 70582

**Type Facility:** publicly owned treatment works serving the City of St. Martinville

**Location:** Two miles west of the city limits and one mile north of Highway 96, St. Martin Parish

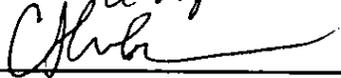
**Receiving Waters:** Cypress Island Coulee Wetland; thence into Cypress Island Coulee; thence into Cypress Island Coulee Canal; thence into Bayou Teche

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III.

This permit and authorization to discharge were effective on January 1, 2007, and shall expire five (5) years from the effective date of the permit.

This permit was previously modified on October 6, 2008 and effective on November 1, 2008.

This permit modification shall become effective on *6 April 2009*

Issued on *6 April 2009*  


Cheryl Sonnier Nolan  
Assistant Secretary

**INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning the effective date of the permit and lasting through no later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.<sup>1</sup> the permittee is authorized to discharge from:

Outfall 001, treated sanitary wastewater into Cypress Island Coulee; thence into Bayou Tortue; thence into Bayou Teche (Design Capacity is 1.5 MGD).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	Storet <u>Code</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
		<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow-MGD	50050	Report (MGD)	Report (MGD)	---	---	Continuous	Recorder <sup>1</sup>
BOD <sub>5</sub>	00310	125 lbs/day	---	10 mg/l	15 mg/l	2/week	6 Hr Comp
TSS	00530	188 lbs/day	---	15 mg/l	23 mg/l	2/week	6 Hr Comp
Fecal Coliform colonies/100ml <sup>2</sup>	74055	---	---	200	400	2/week	Grab
pH (Standard Units) <sup>3</sup>	00400	---	---	---	---	2/week	Grab

**Whole Effluent Toxicity Testing**

Quality (Percent % UNLESS STATED)

Biomonitoring	Storet <u>Code</u>	<u>Monthly Avg.</u>	<u>7-Day</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
		<u>Minimum</u>	<u>Minimum</u>		
<u>Ceriodaphnia dubia</u>	TLP3B	Report <sup>4</sup>	Report <sup>4</sup>	1/quarter	24-Hr Composite
	TOP3B	Report	Report	1/quarter	24-Hr Composite
	TPP3B	Report	Report	1/quarter	24-Hr Composite
	TGP3B	Report <sup>4</sup>	Report <sup>4</sup>	1/quarter	24-Hr Composite
	TQP3B	Report	Report	1/quarter	24-Hr Composite
<u>Pimephales promelas</u>	TLP6C	Report <sup>4</sup>	Report <sup>4</sup>	1/quarter	24-Hr Composite
	TOP6C	Report	Report	1/quarter	24-Hr Composite
	TPP6C	Report	Report	1/quarter	24-Hr Composite
	TGP6C	Report <sup>4</sup>	Report <sup>4</sup>	1/quarter	24-Hr Composite
	TQP6C	Report	Report	1/quarter	24-Hr Composite

**FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning no later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.<sup>1</sup> and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Outfall 001 - 006, treated sanitary wastewater, directly into the Cypress Island Coulee Wetland; thence into Cypress Island Coulee; thence into Cypress Island Coulee Canal; thence into Bayou Teche (Design Capacity is 1.5 MGD).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>					<u>Monitoring Requirements</u>	
	Storet Code	Monthly Avg.	Weekly Avg.	Monthly Avg.	Weekly Avg.	Measurement Frequency	Sample Type
Flow-MGD	50050	Report (MGD)	Report (MGD)	---	---	Continuous	Recorder <sup>2</sup>
BOD <sub>5</sub>	00310	375 lbs/day	---	30 mg/l	45 mg/l	2/week	6 Hr Comp
TSS	00530	1,126 lbs/day	---	90 mg/l	135 mg/l	2/week	6 Hr Comp
Fecal Coliform colonies/100ml <sup>3</sup>	74055	---	---	1,000	2,000	2/week	Grab
pH (Standard Units) <sup>4</sup>	00400	---	---	---	---	2/week	Grab
Wetland Monitoring <sup>5</sup>	---	---	---	---	---	N/A	N/A

<sup>1</sup> Final Effluent Limitations and Monitoring Requirements are set in the permit in the event that the City of St. Martinville constructs the proposed change in discharge route to the wetland. The City is required to meet the schedule in the permit for a wetland assimilation discharge. See Part II, Section A, Paragraph 9.

<sup>2</sup> Includes totalizing meter or totalizer.

<sup>3</sup> See Part II, Section A, Paragraph 8

<sup>4</sup> The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

<sup>5</sup> See Part II, Section D, Wetland System Monitoring Requirements

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfalls 001, 002, 003, 004, 005, and 006 (Cypress Island Coulee Wetland), at the point of discharge from the last treatment unit prior to mixing with other waters.

Discharge locations into the Cypress Island Coulee Wetland must be staggered every three months in order to achieve even dispersal throughout the wetland system, in the following order: Outfall 001, 003, 005, 002, 004, 006, then repeat the order.

**OTHER REQUIREMENTS (continued)**

being duly certified. Therefore, the City of St. Martinville should take whatever action is necessary to comply with La.R.S. 40:1149.

8. Please be aware, concentrations of Total Residual Chlorine above 0.01 mg/l can cause or contribute to significant toxicity in receiving streams and biomonitoring testing. It is the permittee's responsibility to assure that no Total Residual Chlorine remains in the effluent after dechlorination in order to prevent toxicity in the receiving stream and in whole effluent toxicity testing.
9. CONSTRUCTION COMPLIANCE SCHEDULE

The City of St. Martinville plans to change their current discharge route from the Cypress Island Coulee to a direct discharge into the Cypress Island Coulee Wetland

The permittee shall achieve **FINAL EFFLUENT LIMITATIONS and MONITORING REQUIREMENTS (construction of the outfalls to Cypress Island Coulee Wetland)** specified in accordance with the following schedule:

ACTIVITY	DATE
Achieve Interim Effluent Limitations and Monitoring Requirements	On the effective date of the permit
Achieve Final Effluent Limitations and Monitoring Requirements	No later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.

The permittee shall achieve Final Effluent Limitations and Monitoring Requirements upon the completion date of activities for the construction of the proposed outfalls into the wetland.

Additionally, the permittee shall submit progress reports outlining the status of ongoing activities to change the discharge route to the wetland on a quarterly basis until the construction is achieved. These reports should be submitted prior to and during the construction phase in the months of January, April, July, and October.

Within 14 days of completion of the outfalls, the Permittee shall notify the Department of Environmental Quality – Office of Environmental Compliance, Permit Compliance Unit (PCU); and USEPA Region VI in writing that construction has been completed.

Louisiana Department of Environmental Quality  
Office of Environmental Compliance  
Permits Compliance Unit  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

United States Environmental Protection Agency, Region VI  
1445 Ross Avenue  
Dallas, Texas 75202

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State of Louisiana  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
ENVIRONMENTAL SERVICES  
APR 07 2009

File No.: LA0040941  
AI No.: 19216  
Activity No.: PER20080002

Mr. Fred Fournet  
219 Aurore Ave.  
Lafayette, LA 70506-4218

Subject: Response to Public Comments for the  
City of St. Martinville / Cypress Island Coulee Wetland Assimilation Project  
Louisiana Pollutant Discharge Elimination System (LPDES) Water Discharge Permit  
LA0040941, AI 19216

Dear Mr. Fournet:

On March 2, 2009, the Water Permits Division received your comment regarding the above-referenced matter. In your comment, you state that you would like to stay abreast of the project because your family owns property north of the project. You also request a map showing area drainage to Bayou Vermilion.

The Water Permits Division appreciates your comments and invites you to review the Department's web site at [www.ldeq.org](http://www.ldeq.org). The LDEQ web site contains a number of tools that you may find useful. One is the Electronic Data Management System (EDMS). By searching the EDMS, under Agency Interest Number 19216, you can stay current with on-going activities at the above-reference facility. The EDMS should contain all public files, which the Department receives or develops for this facility. Examples include the LPDES water discharge permit, water discharge permit applications, discharge monitoring reports, and many other documents related to the St. Martinville / Cypress Island Coulee Wetland Assimilation Project. Another tool is the Geographic Information Systems (GIS) Make-a-Map program. This tool will allow you to target particular areas and review several different types of maps. Using this application will give you information regarding the drainage within the area.

Again, the Department appreciates your comments to this matter. If you have any questions regarding this matter, please contact Mr. Todd Franklin of the Office of Environmental Services, Water Permits Division, at (225) 219-3102.

Sincerely,

A handwritten signature in black ink, appearing to read "Cheryl Sonnier Nolan".

Cheryl Sonnier Nolan  
Assistant Secretary

jtf

cc: Todd Franklin  
Water Permits Division

cc: IO-W