



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

JUN 30 2006

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail Number: 7004 1160 0003 2706 2029

LPDES FILE NUMBER: LA0038288
AGENCY INTEREST NUMBER: AI 19420
ACTIVITY NUMBER: PER20010001

City of Mandeville
Chinchuba Swamp & East Tchefoncté Marsh
Wastewater Assimilation Project
3101 East Causeway Approach
Mandeville, Louisiana 70448

Attention: Honorable Edward Price, Mayor

Subject: Minor Modification of Louisiana Pollutant Discharge Elimination System (LPDES) permit LA0038288, effective January 1, 2004.

Dear Mayor Price:

The following minor modification to the construction schedule of LPDES permit number LA0038288, has been approved:

ACTIVITY	DATE
Begin Construction	Upon receipt of funding
Achieve Final Effluent Limitations and Monitoring Requirements	Upon completion of the construction of the outfalls into the Chinchuba Swamp and the East Tchefoncté Marsh

Attached, please find the MODIFIED pages, Part I, page 2 of 5 and page 4 of 5 and Part II, page 2 of 24 reflecting the changes made to the construction schedule. Please replace the appropriate pages in LPDES Permit LA0038288.

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 attached LPDES permit modification has been issued. Provisions of this permit modification may be appealed in writing pursuant to La. R.S. 2024 (A) within 30 days of receipt of this modified permit. 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 permit conditions as well. All other provisions of the 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 4302
Baton Rouge, Louisiana 70821-4302

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

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OFFICIAL USE

Honorable Edward Price, Mayor
^R
(Endor) City of Mandeville
Resb
(Endor) 3101 East Causeway Approach
Mandeville, LA 70448

Tota

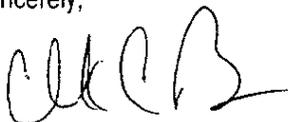
Sent To	_____
Street, Apt. No., or PO Box No.	_____
City, State, ZIP+4	_____

PS Form 3800, June 2002

See Reverse for Instructions

Should you have any further questions concerning LPDES Permit LA0038288, please contact Ms. Gwendolyn LeBlanc Berthelot, Environmental Scientist 3, Office of Environmental Services, Permits Division, at (225) 219-3077. Please reference you Agency Interest Number, AI 19420, and your Louisiana Pollutant Discharge Elimination System Number, LA0038288, on all future correspondence to the Department.

Sincerely,



Chuck Carr Brown, Ph.D.
Assistant Secretary

glb
Attachments

c: cover letter and modified pages

BY CERTIFIED MAIL
Ms. Evelyn Rosborough (6WQ-CA)
U. S. Environmental Protection Agency, R6
1445 Ross Avenue
Dallas, Texas 75202-2733

IO-W

Capital Regional Office
Office of Environmental Compliance
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312

Ms. Joette Kenaley
Office of Environmental Compliance
Permit Compliance Unit

Ms. Gwendolyn L. Berthelot
Office of Environmental Services
Permits Division
Minor Industrial & Municipal Permits

Mr. Ronnie Bean
Office of Environmental Services
Permits Division
Minor Industrial & Municipal Permits

LPDES PERMIT NUMBER: LA0038288
AGENCY INTEREST NUMBER: AI 19420
ACTIVITY NUMBER: PER20010001



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 Mandeville
Chinchuba Swamp & East Tchefuncte Marsh Wastewater Assimilation Project
3101 East Causeway Approach
Mandeville, Louisiana 70448

Type Facility: existing publicly owned treatment works serving the City of Mandeville
Location: 1050 Mandeville Highway Boulevard, in Mandeville, St. Tammany Parish
Receiving Waters: 30% into the Chinchuba Swamp; thence into Lake Pontchartrain and
70% into the East Tchefuncte Marsh; thence into Lake Pontchartrain

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

This permit and the authorization to discharge were originally effective on January 1, 2004.

This permit has been previously modified effective on March 1, 2004.

This modification shall become effective on 8/1/06

This permit and the authorization to discharge shall expire five (5) years from the original effective date of the permit (January 1, 2004).

Issued on 6/30/06

Chuck Carr Brown, Ph. D.
Assistant Secretary

INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of the permit and lasting until the completion of the new outfalls, the permittee is authorized to discharge from:

Outfall 001(Bayou Chinchuba), treated sanitary wastewater
 Design Capacity is 2.0 MGD

Such discharge 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>	
		(lbs/day) <u>Monthly Avg.</u>	other units (specify) <u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow-MGD	50050	---	Report	Report	Continuous	Recorder
CBOD ₅	80082	167	10 mg/l	15 mg/l	2/week	6-Hr. Composite
TSS	00530	250	15 mg/l	23 mg/l	2/week	6-Hr. Composite
Ammonia-Nitrogen	00610	67	4 mg/l	8 mg/l	2/week	6-Hr. Composite
Fecal Coliform colonies	74055	---	200	400	2/week	Grab
pH (Standard Units)**	00400	---	---	---	2/week	Grab
Total Zinc †	01092	Report	Report	Report	1/quarter	24-hr. Composite

Whole Effluent Toxicity Testing†

Biomonitoring†	Storet <u>Code</u>	Quality (Percent % UNLESS STATED)		<u>Measurement Frequency</u>	<u>Sample Type</u>
		<u>Monthly Avg. Minimum</u>	<u>7-Day Minimum</u>		
<i>Ceriodapnia dubia</i>	TLP3B ^{1/}	Report	Report	1/quarter	24-hr. Composite
	TOP3B	Report	Report	1/quarter	24-hr. Composite
	TPP3B	Report	Report	1/quarter	24-hr. Composite
	TGP3B	Report	Report	1/quarter	24-hr. Composite
	TQP3B	Report	Report	1/quarter	24-hr. Composite
<i>Primephales promelas</i>	TLP6C ^{1/}	Report	Report	1/quarter	24-hr. Composite
	TOP6C	Report	Report	1/quarter	24-hr. Composite
	TPP6C	Report	Report	1/quarter	24-hr. Composite
	TGP6C	Report	Report	1/quarter	24-hr. Composite
	TQP6C	Report	Report	1/quarter	24-hr. Composite

If a test failure has occurred and the required retests have been performed, the test results are to be reported on the DMR as follows:

Biomonitoring†	Storet <u>Code</u>	<u>Monthly Avg. Minimum</u>	<u>7-Day Minimum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Retest #1	22415	Report ^{1/}	Report ^{1/}	As Required ^{2/}	24-hr. Composite
Retest #2	22416	Report ^{1/}	Report ^{1/}	As Required ^{2/}	24-hr. Composite

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period upon the completion of the new outfalls and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Outfalls 001-027, treated sanitary wastewater - Design Capacity is 4.0 MGD
 (Outfall 001-003 will consist of 30% discharged to the Chinchuba Swamp and Outfalls 004-027 will consist of 70% discharged to the East Tchefoncte Marsh)

Samples will be taken at the pumping collection box.

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

<u>Effluent Characteristic</u>	<u>Storet Code</u>	<u>Discharge Limitations</u>			<u>Monitoring Requirements</u>	
		(lbs/day)	other units (specify)		Measurement Frequency	Sample Type
Flow-MGD	50050	---	Report	Weekly Avg. Report	Continuous	Recorder
BOD ₅	00310	1001	30 mg/l	45 mg/l	2/week	6-Hr. Composite
TSS	00530	3002	90 mg/l	135 mg/l	2/week	6-Hr. Composite
Fecal Coliform colonies	74055	---	1000	2000	2/week	Grab
pH (Standard Units)**	00400	---	---	---	2/week	Grab
Priority Pollutants ***		---	---	Report	1/year	24-Hr. Composite
Wetland Monitoring ****		---	---	---	N/A	N/A

	<u>Storet Code</u>	(lbs/day)	(lbs/day)	Measurement Frequency	Sample Type
Total Zinc †	01092	0.54	1.28	1/quarter	24-hr. Composite

▫ See Part II, Section A, Paragraph # 3.

† If any individual analytical test result is less than the minimum quantification level listed below, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) mass calculations and reporting requirements for the pollutants listed below:

<u>Pollutant</u>	<u>MQL</u>
Total Zinc	20 µg/l

** 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 the maximum instantaneous pH values measured.

*** See Table 1, Priority Pollutants

**** See Part II, Section D, Wetland System Monitoring Requirements.

OTHER REQUIREMENTS (continued)

1. As an exception to Part III Section D.6.e.(1), the permittee shall report all overflows in the collection system with the Discharge Monitoring Report submittal. These reports shall be summarized and reported in tabular format. The summaries shall include: the date, time, duration, location, estimated volume, and cause of the overflow; observed environmental impacts from the overflow; actions taken to address the overflow; and the ultimate discharge location if not contained (e.g., storm sewer system, ditch, tributary). All other overflows and overflows which endanger human health or the environment must be reported in the manner described in Part III, Section D.6 of the permit.
2. In accordance with La.R.S.40:1149, it shall be unlawful for any person, firm, or corporation, both municipal and private, operating a water supply system or sewerage system to operate same unless the competency of the operator is duly certified to by the State Health Officer. Furthermore, it shall be unlawful for any person to perform the duties of an operator without being duly certified. Therefore, the City of Mandeville should take whatever action is necessary to comply with La.R.S. 40:1149.
3. CONSTRUCTION SCHEDULE

The permittee shall achieve compliance with the FINAL EFFLUENT LIMITATIONS and MONITORING REQUIREMENTS specified in accordance with the following schedule:

ACTIVITY	DATE
Begin Construction	Upon receipt of funding
Achieve Final Effluent Limitations and Monitoring Requirements	Upon completion of the construction of the outfalls into the Chinchuba Swamp and the East Tchefuncte Marsh

The permittee shall achieve compliance with the final effluent limitations upon completion of the construction of the outfalls into the Chinchuba Swamp and the East Tchefuncte Marsh.

Additionally, the Permittee shall submit progress reports outlining the status of ongoing activities to change the discharge route to the wetlands 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 outfalls, the Permittee shall notify the Department of Environmental Quality - Office of Environmental Compliance and EPA Region VI, in writing, that construction has been completed.

The Permittee shall achieve sustained compliance with Final Effluent Limitations.