

Exhibit W, Rayville Sewer LA DEQ Permit



PERMIT NUMBER: LA0020559
AGENCY INTEREST NO.: 19306
ACTIVITY NO.: PER20090001

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

Town of Rayville
Rayville Wastewater Treatment Facility
P.O. Box 878
Rayville, LA 71269

Type Facility: publicly owned treatment works serving the Town of Rayville
Location: 0.53 miles south of intersection of U.S. 80 and Gin Road in Rayville, Richland Parish
Receiving Waters: unnamed drainage ditch, thence into the Boeuf River (Subsegment 080901)

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

This permit shall become effective on *01 September 2009*.

This permit and the authorization to discharge shall expire five (5) years from the effective date of the permit.

Issued on *10 August 2009*


Cheryl Sonnier Nolan
Assistant Secretary

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of the permit and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Outfall 001, treated sanitary wastewater (designed capacity is 1.496 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>	
		(lbs/day)		other units (specify)		<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Storet Code</u>	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>		
Flow-MGD	50050	Report	Report	---	---	Continuous	Recorder ¹
CBOD ₅	80082						
May-October		62		5 mg/l	8 mg/l	2/week	6 Hr. Composite
November-April		125	---	10 mg/l	15 mg/l	2/week	6 Hr. Composite
SS	00530	187	---	15 mg/l	23 mg/l	2/week	6 Hr. Composite
Ammonia-Nitrogen	00610	Report	---	5 mg/l	10 mg/l	2/week	6 Hr. Composite
Total Residual Chlorine (TRC) ²	50060	---	---	---	---	2/week	Grab
Fecal Coliform colonies/100ml ²	74055	---	---	200	400	2/week	Grab
pH (Standard Units) ³	00400	---	---	---	---	2/week	Grab
	<u>Storet Code</u>	<u>(lbs/day) Monthly Avg.</u>		<u>(lbs/day) Daily Max</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
Total Mercury ⁴	71900	0.0008		0.0012		1/quarter	24 Hr. Composite

Whole Effluent Toxicity Testing ⁵

		Quality (Percent % UNLESS STATED)		<u>Measurement Frequency</u>	<u>Sample Type</u>
		<u>Monthly Avg. Minimum</u>	<u>7-Day Minimum</u>		
Biomonitoring ⁵	<u>Storet Code</u>				
	(7 Day NOEC)	40%	40%	1/quarter	24-Hr Composite
	<u>Ceriodaphnia dubia</u>			1/quarter	24-Hr Composite
	TLP3B	Report ⁶	Report ⁶	1/quarter	24-Hr Composite
	TOP3B	Report	Report	1/quarter	24-Hr Composite
	TPP3B	Report	Report	1/quarter	24-Hr Composite
	TGP3B	Report ⁶	Report ⁶	1/quarter	24-Hr Composite
	TQP3B	Report	Report	1/quarter	24-Hr Composite
	<u>Pimephales promelas</u>	Report ⁶	Report ⁶	1/quarter	24-Hr Composite
	TLP6C	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 ⁶	Report ⁶	1/quarter	24-Hr Composite
	TQP6C	Report	Report	1/quarter	24-Hr Composite

- 1 Includes totalizing meter or totalizer.
- 2 See Part II, Section A, Paragraph 8

Prior to final disposal, the effluent shall contain NO MEASURABLE Total Residual Chlorine at any one time monitored by grab sample. Given the current constraints pertaining to chlorine analytical methods, NO MEASURABLE will be defined as less than 0.1 mg/l of chlorine. If any individual analytical test result is less than 0.1 mg/l, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) calculations and reporting requirements.

- 3 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.

- 4 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>
Mercury	0.2 µg/l

Please note that the mercury limitation is more stringent than the previous permit due to the conversion factor for mercury from the *Office of Water Policy and Technical Guidance on Interpretation and Implementation of Aquatic Life Metals Criteria* changing from 2.04 to 1.74.

- 5 See Part II, Whole Effluent Toxicity Testing Requirements.
- 6 Species Quality Reporting Units: Pass = 0, Fail = 1

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:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters.