

Title 33
ENVIRONMENTAL QUALITY
Part IX. Water Quality
Subpart 1. Water Pollution Control

Chapter 11. Surface Water Quality Standards

§1123. Numerical Criteria and Designated Uses

A. Designated-Water Quality Management Basins and Ecoregions

1. Basins

Basin Name	Basin Number
* * *	

2. Ecoregions

<u>Ecoregion Name</u>	<u>Abbreviation</u>
<u>Atchafalaya River Ecoregion</u>	<u>AR</u>
<u>Coastal Chenier Marshes Ecoregion</u>	<u>CCM</u>
<u>Coastal Deltaic Marshes Ecoregion</u>	<u>CDM</u>
<u>Gulf Coastal Prairie Ecoregion</u>	<u>GCP</u>
<u>Lower Mississippi River Alluvial Plains Ecoregion</u>	<u>LMRAP</u>
<u>Mississippi River Ecoregion</u>	<u>MR</u>
<u>Pearl River Ecoregion</u>	<u>PR</u>
<u>Red River Alluvium Ecoregion</u>	<u>RRA</u>
<u>Sabine River Ecoregion</u>	<u>SR</u>
<u>South Central Plains Flatwoods Ecoregion</u>	<u>SCPF</u>
<u>South Central Plains Southern Tertiary Uplands Ecoregion</u>	<u>SCPSTU</u>
<u>South Central Plains Tertiary Uplands Ecoregion</u>	<u>SCPTU</u>
<u>Southern Plains Terrace and Flatwoods Ecoregion</u>	<u>SPTF</u>
<u>Terrace Uplands Ecoregion</u>	<u>TU</u>
<u>Upper Mississippi River Alluvial Plains Ecoregion</u>	<u>UMRAP</u>

B. – E. ...

Table 3. Numerical Criteria and Designated Uses
--

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
Atchafalaya River Basin (01)									
* * *									
Lake Pontchartrain Basin (04)									
040101	Comite River– From Little Comite Creek and Comite Creek at Mississippi state line to Wilson- Clinton Highway-	A B C	25	10	5.0	6.0- 8.5	1	32	150
040102	Comite River– From Wilson- Clinton Highway: to White Bayou (Scenic)	A B C G	25	10	5.0	6.0- 8.5	1	32	150
* * *									
040201	Bayou Manchac– From headwaters to Amite River	A B C	25	10	<u>2.3</u> <u>Mar.-</u> <u>Nov.:</u> 5.0 <u>Dec.-</u> <u>Feb.</u>	6.0- 8.5	1	32	150
<u>040202</u>	<u>Ward Creek–From</u> <u>headwaters to</u> <u>confluence with</u> <u>Dawson Creek</u>	<u>A B C</u>	<u>25</u>	<u>10</u>	<u>5.0</u>	<u>6.0-</u> <u>8.5</u>	<u>1</u>	<u>32</u>	<u>150</u>
040301	Amite River–From Mississippi state line to La. Highway A-37 (Scenic)	A B C G	25	10	5.0	6.0- 8.5	1	32	150

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
 D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040302	Amite River–From La. Highway A-37 to LMRAP Ecoregion boundary Amite River Diversion Canal	A B C	25	10	5.0	6.0-8.5	1	32	150
040303	Amite River–From Amite River Diversion Canal to Lake Maurepas	A B C	25	10	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	6.0-8.5	1	32	150
* * *									
040305	Colyell Creek; includes tributaries and Colyell Bay; includes Colyell Creek and Middle Colyell Creek– From Hood Road to Colyell Bay	A B C	25	10	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	6.0-8.5	1	32	150
<u>040306</u>	<u>Amite River–From LMRAP Ecoregion boundary to Amite River Diversion Canal</u>	<u>A B C</u>	<u>25</u>	<u>10</u>	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	<u>6.0-8.5</u>	<u>1</u>	<u>32</u>	<u>150</u>
<u>040307</u>	<u>West Colyell Creek–From headwaters to Hood Road</u>	<u>A B C</u>	<u>25</u>	<u>10</u>	<u>5.0</u>	<u>6.0-8.5</u>	<u>1</u>	<u>32</u>	<u>150</u>
<u>040308</u>	<u>Middle Colyell Creek–From headwaters to Hood Road</u>	<u>A B C</u>	<u>25</u>	<u>10</u>	<u>5.0</u>	<u>6.0-8.5</u>	<u>1</u>	<u>32</u>	<u>150</u>

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-
Limited Aquatic Life and Wildlife Use;
D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource
Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040309	Colyell Creek– From headwaters to confluence with, and including, Little Colyell Creek	A B C	25	10	5.0	6.0- 8.5	1	32	150
040401	Blind River–From Amite River Diversion Canal to mouth at Lake Maurepas (Scenic)	A B C G	250	75	2.3 Mar.- Nov.; 4.0 Dec.- Feb. [9]	6.0- 8.5	1	30	500
040402	Amite River Diversion Canal– From Amite River to Blind River	A B C	25	10	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	32	150
040403	Blind River–From headwaters to Amite River Diversion Canal (Scenic)	A B C G	250	75	2.3 Mar.- Nov.; 3.0 Dec.- Feb. [9]	6.0- 8.5	1	30	500
040404	New River–From headwaters to New River Canal	A B C	250	75	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	500
040501	Tickfaw River– From Mississippi state line to La. A- Highway 42 (Scenic)	A B C G	10	5	5.0	6.0- 8.5	1	30	55

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
 D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040502	<u>Blood Tickfaw River</u> –From headwaters to <u>George White Road LA-42 to Lake Maurepas</u>	A B C	10	5	5.0	6.0-8.5	1	30	55
040503	<u>Natalbany River</u> –From headwaters to <u>La. Highway 22</u> <u>Tickfaw River</u>	A B C	30	20	5.0	6.0-8.5	1	30	150
* * *									
040505	<u>Ponchatoula Creek</u> –From headwaters to <u>La. Highway 22</u> <u>and Ponchatoula River</u>	A B C	30	20	5.0	6.0-8.5	1	30	150
<u>040506</u>	<u>Tickfaw River</u> –From <u>La. Highway 42</u> to <u>Lake Maurepas</u>	<u>A B C</u>	<u>10</u>	<u>5</u>	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	<u>6.0-8.5</u>	<u>1</u>	<u>30</u>	<u>55</u>
<u>040507</u>	<u>Natalbany River</u> –From <u>La. Highway 22</u> to <u>Tickfaw River</u>	<u>A B C</u>	<u>30</u>	<u>20</u>	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	<u>6.0-8.5</u>	<u>1</u>	<u>30</u>	<u>150</u>
<u>040508</u>	<u>Ponchatoula Creek</u> –From <u>La. Highway 22</u> to <u>Natalbany River</u>	<u>A B C</u>	<u>30</u>	<u>20</u>	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	<u>6.0-8.5</u>	<u>1</u>	<u>30</u>	<u>150</u>

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040601	Pass Manchac– From Lake Maurepas to Lake Pontchartrain; <u>includes</u> <u>interlacustrine</u> <u>waters from North</u> <u>Pass to Mississippi</u> <u>River levee</u>	A B C	1,600	200	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	6.5- 9.0	1	32	3,000
* * *									
040603	Selsers Creek– From headwaters to <u>Sisters Road</u> <u>South</u> <u>Slough</u>	A B C	30	20	5.0	6.0- 8.5	1	30	150
040604	South Slough; includes Anderson Canal to <u>Interstate</u> <u>Highway -55</u> borrow pit <u>canal</u>	A B C	30	20	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	6.0- 8.5	1	30	150
040604- 001	South Slough Wetland–Forested freshwater and brackish marsh located 1.4 miles south of Ponchatoula, directly east of <u>Interstate Highway</u> <u>-55</u> , extending to North Pass to the south and Tangipahoa River to the east	B C	[23]	[23]	[23]	[23]	2	[23]	[23]

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040605	Mississippi Bayou and associated canals; includes Dutch Bayou, Reserve Relief Canal and Hope Canal	A B C	1,600	200	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	32	3,000
040606	Selsers Creek— From Sisters Road to South Slough	A B C	30	20	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	150
040701	Tangipahoa River— From Mississippi state line to Interstate Highway -12 (Scenic)	A B C G	30	10	5.0	6.0- 8.5	1	30	140
040702	Tangipahoa River— From Interstate Highway -12 to Lake Pontchartrain	A B C	30	10	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	140
* * *									
040704	Chappepeela Creek—From La. Highway A-1062 to Tangipahoa River	A B C G	20	20	5.0	6.0- 8.5	1	30	140
040705	Bedico Creek— From headwaters to Tangipahoa River	A B C	30	10	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	140

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
 D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040801	Tchefuncte River– From headwaters to <u>US Highway 190</u> Bogue Falaya River ; includes tributaries (Scenic)	A B C G	20	10	5.0	6.0- 8.5	1	30	110
040802	<u>Ponchitolawa Creek</u> Tchefuncte River –From headwaters Bogue Falaya River to <u>US Highway 190</u> LA-22 (Scenic)	A B C G	850	135	5.0	6.0- 8.5	1	30	1,850
040803	Tchefuncte River– From <u>La. Highway A-22</u> to Lake Pontchartrain (Estuarine)	A B C	850	135	4.0	6.0- 8.5	1	30	1,850
* * *									
040806	East Tchefuncte Marsh Wetland– Freshwater and brackish marsh located just west of Mandeville, bounded on the south by Lake Pontchartrain, the west by Tchefuncte River, the north by <u>La. Highway A-22</u> , and the east by Sanctuary Ridge	B C	[23]	[23]	[23]	[23]	2	[23]	[23]

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040807	Tchefuncte River– From US Highway 190 to Bogue Falaya River; includes tributaries (Scenic)	A B C G	20	10	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	110
040808	Tchefuncte River– From Bogue Falaya River to La. Highway 22 (Scenic)	A B C G	850	135	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	1,850
040809	Black River–From headwaters to La. Highway 22	A B C	850	135	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	1,850
040901	Bayou LaCombe– From headwaters to Interstate Highway 12US-190 (Scenic)	A B C G	30	30	5.0	6.0- 8.5	1	30	150
040902	Bayou LaCombe– From CDM Ecoregion boundaryUS-190 to Lake Pontchartrain (Scenic) (Estuarine)	A B C G	835	135	4.0	6.0- 8.5	1	32	1,850
040903	Bayou Cane–From headwaters to US Highway -190 (Scenic)	A B C G	30	30	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	150

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
 D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040904	Bayou Cane–From CDM Ecoregion boundaryUS 190 to Lake Pontchartrain (Scenic) (Estuarine)	A B C G	N/A	N/A	4.0	6.0-8.5	1	32	N/A
040905	Bayou Liberty–From headwaters to LMRAP Ecoregion boundaryLA 433	A B C	250	100	5.0	6.0-8.5	1	32	500
040906	Bayou Liberty–From La. Highway A-433 to Bayou Bonfouca; includes Bayou de Chien (Estuarine)	A B C	N/A	N/A	4.0	6.0-8.5	1	32	N/A
040907	Bayou Bonfouca–From headwaters to La. Highway A-433	A B C	250	100	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	6.0-8.5	1	32	500
040908	Bayou Bonfouca–From CDM Ecoregion boundaryLA 433 to Lake Pontchartrain (Estuarine)	A B C	N/A	N/A	4.0	6.0-8.5	1	32	N/A
* * *									
040912	Bayou LaCombe–From Interstate Highway 12 to US Highway 190 (Scenic)	A B C G	<u>30</u>	<u>30</u>	<u>2.3</u> <u>Mar.-</u> <u>Nov.;</u> <u>5.0</u> <u>Dec.-</u> <u>Feb.</u>	<u>6.0-</u> <u>8.5</u>	<u>1</u>	<u>30</u>	<u>150</u>

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
040913	Bayou LaCombe-- From US Highway 190 to CDM Ecoregion boundary (Scenic) (Estuarine)	A B C G	835	135	2.3 Mar.- Nov.; 4.0 Dec.- Feb.	6.0- 8.5	1	32	1850
040914	Bayou Cane--From US Highway 190 to CDM Ecoregion boundary (Scenic) (Estuarine)	A B C G	N/A	N/A	2.3 Mar.- Nov.; 4.0 Dec.- Feb.	6.0- 8.5	1	32	N/A
040915	Bayou Liberty-- From LMRAP Ecoregion boundary to La. Highway 433	A B C	250	100	2.3 Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	32	500
040916	Bayou Paquet-- From headwaters to Bayou Liberty (Estuarine)	A B C	N/A	N/A	2.3 Mar.- Nov.; 4.0 Dec.- Feb.	6.0- 8.5	1	32	N/A
040917	Bayou Bonfouca-- From La. Highway 433 to CDM Ecoregion boundary (Estuarine)	A B C	N/A	N/A	2.3 Mar.- Nov.; 4.0 Dec.- Feb.	6.0- 8.5	1	32	N/A
* * *									
041002	Lake Pontchartrain--East of US Highway -11 bridge (Estuarine)	A B C E	N/A	N/A	4.0	6.5- 9.0	4	32	N/A

Table 3. Numerical Criteria and Designated Uses

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use;
 D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters

Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
041101	Bonnet Carre Spillway	A B C	250	75	<u>2.3</u> Mar.- Nov.; 5.0 Dec.- Feb.	6.0- 8.5	1	30	500
041201	Bayou Labranche– From headwaters to Lake Pontchartrain (Scenic) (Estuarine)	A B C G	N/A	N/A	<u>2.3</u> Mar.- Nov.; 4.0 Dec.- Feb.	6.0- 8.5	1	32	N/A
041202	Bayou Trepagnier– From Norco to Bayou Labranche (Scenic) (Estuarine)	A B C G	N/A	N/A	<u>2.3</u> Mar.- Nov.; 4.0 Dec.- Feb.	6.0- 8.5	1	32	N/A
* * *									
<u>041204</u>	<u>Bayou Traverse– From headwaters to LMRAP Ecoregion boundary (Estuarine)</u>	<u>A B C</u>	<u>N/A</u>	<u>N/A</u>	<u>4.0</u>	<u>6.0- 8.5</u>	<u>1</u>	<u>32</u>	<u>N/A</u>
* * *									

ENDNOTES:

[1] – [8] ...

[9] The sSite-Sspecific DO Ccriteriaon has been revised to incorporate ecoregionally-based critical period DO criteria.

[10] – [24] ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 15:738 (September 1989), amended LR 17:264 (March 1991), LR 20:431 (April 1994), LR 20:883 (August 1994), LR 21:683 (July 1995), LR 22:1130 (November 1996), LR 24:1926 (October 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2405 (December 1999), LR 27:289 (March 2001), LR 28:462 (March 2002), LR 28:1762 (August 2002), LR 29:1814, 1817 (September 2003), LR 30:1474 (July 2004), amended by the Office of Environmental Assessment, LR 30:2468 (November 2004), LR 31:918, 921 (April 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 32:815, 816, 817 (May 2006), LR 33:832 (May 2007), LR 34:1901 (September 2008), LR 35:446 (March 2009), repromulgated LR 35:655 (April 2009), amended LR 36:2276 (October 2010), amended by the Office of the Secretary, Legal Division, LR 41:**.