

**Title 33
Environmental Quality**

**Part IX. Water Quality
Subpart 1. Water Pollution Control**

Chapter 1. General Provisions

§107. Definitions

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Designated ~~Water~~ Use—a use of the waters of the state as established by the ~~W~~water Quality S~~t~~andards: provided in LAC 33:IX.1111. These uses include, but are not limited to, primary and secondary contact recreation, propagation of fish and other aquatic life and wildlife including shellfish propagation, public drinking water supply, oyster propagation, agricultural activities, and outstanding natural resource waters.

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Primary Contact Recreation—any recreational or other water contact use in which there is involving prolonged and intimate or regular full-body contact with the water and in which the probability of ingesting appreciable amounts of water is considerable. involving considerable risk of ingesting water in quantities sufficient to pose a significant health hazard, such as. Examples of this type of water use include swimming, water skiing, skin and diving, wading, and other similar activities.

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Secondary Contact Recreation—any recreational or other water contact use in which body contact with the water is either incidental or accidental and in which the probability of ingesting appreciable quantities amounts of water is minimal, such as. Examples of this type of water use include fishing, wading, commercial and recreational boating, and any limited contact incident to shoreline activity.

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AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074 (B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2538 (November 2000), LR 30: **

Chapter 11. Surface Water Quality Standards

§1105. Definitions

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Designated Use—a use of the waters of the state as established by the water quality standards provided in LAC 33:IX.1111. These uses include, but are not limited to, primary and secondary contact recreation, propagation of fish and other aquatic life and wildlife propagation, drinking water supply, oyster propagation, public water supply, agricultural activities, and outstanding natural resource waters.

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Primary Contact Recreation—any recreational or other water contact use involving prolonged or regular full-body contact with the water and in which the

probability of ingesting appreciable amounts of water is considerable. Examples of this type of water use include swimming, skiing, and diving.

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Secondary Contact Recreation—any recreational or other water contact use in which body contact with the water is either incidental or accidental and the probability of ingesting appreciable amounts of water is minimal. Examples of this type of water use include fishing, wading, and boating.

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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 10:745 (October 1984), amended LR 15:738 (September 1989), LR 17:264 (March 1991), LR 20:883 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2401 (December 1999), LR 26:2545 (November 2000), LR 29:557 (April 2003), LR 30:**

§1111. Water Use Designations

There are seven water uses designated for surface waters in Louisiana: primary contact recreation, secondary contact recreation, fish and wildlife propagation, drinking water supply, oyster propagation, agriculture, and outstanding natural resource waters. Designated uses assigned to each subsegment apply to all water bodies (listed water body and tributaries/distributaries of the listed water body) contained in that subsegment unless unique chemical, physical, and/or biological conditions preclude such uses. However, the designated uses of drinking water supply, oyster propagation, and/or outstanding natural resource waters apply only to the water bodies specifically named in Table 3, (LAC 33:IX.1123), and not to any tributaries and distributaries to such water body, which are typically contained in separate subsegments. A description of each designated use follows.

A. Primary Contact Recreation. Primary contact recreation is ~~defined as~~ any recreational or other water contact use in which there is involving prolonged and ~~intimate or regular full-body contact with the water and in which the probability of ingesting appreciable amounts of water is considerable involving considerable risk of absorbing waterborne constituents through the skin or of ingesting constituents from water in quantities sufficient to pose a significant health hazard.~~ Examples of this type of water use include swimming, ~~water-skiing, and skin~~diving.

B. Secondary Contact Recreation. Secondary contact recreation is ~~defined as~~ any recreational or other water contact use in which body contact with the water is either incidental or accidental; and ~~in which~~ the probability of ingesting appreciable ~~quantities~~amounts of water is minimal. ~~Such~~ Examples of this type of water uses include fishing, wading, ~~commercial or recreational and~~ boating, ~~and any limited contact incident to shoreline activity.~~

C. – G. ...

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 10:745 (October 1984), amended LR 15:738 (September 1989), LR 20:883 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2401 (December 1999), LR 26:2546 (November 2000), LR 30: **

§1113. Criteria

A. – C.4.c. ...

5. Bacteria

~~_____a. The applicability of bacterial criteria to a particular stream subsegment depends upon the use designation of that individual stream subsegment. Limitations are placed on either the most probable number (MPN) fecal or total coliform concentration, or on a combination of both in order to achieve the stream sanitary quality required for the most restrictive designated use classification. Criteria are established to protect water quality commensurate with the most stringent designated use assigned to the subsegment. Applicable bacterial criteria for the most stringent designated use of each individual Louisiana stream subsegment are listed in the “BAC” column of Table 3, LAC 33:IX.1123. For water quality monitoring and assessment purposes the following criteria shall be used to determine support for the designated uses.~~

~~b. The tables in this document listing applicable criteria for each individual Louisiana stream segment designate one of the following four criteria as applicable according to present and/or anticipated water usage of the segment.~~

~~a. i. Primary Contact Recreation. Based on a minimum of not less than five samples taken over not more than a 30-day period, the fecal coliform content shall not exceed a log mean of 200/100 mL, nor shall more than 10 percent of the total samples during any 30-day period or 25 percent of the total samples collected annually exceed 400/100 mL. No more than 25 percent of the total samples collected on a monthly or near-monthly basis shall exceed a fecal coliform density of 400/100 mL. These This primary contact recreation ~~criteria~~ criterion shall apply only during the defined recreational period of May 1 through October 31. During the nonrecreational period of November 1 through April 30, the criteria for secondary contact recreation shall apply.~~

~~b. ii. Secondary Contact Recreation. Based on a minimum of not less than five samples taken over not more than a 30-day period, the fecal coliform content shall not exceed a log mean of 1,000/100 mL, nor shall more than 10 percent of the total samples during any 30-day period or 25 percent of the total samples collected annually exceed 2,000/100 mL. No more than 25 percent of the total samples collected on a monthly or near-monthly basis shall exceed a fecal coliform density of 2,000/100 mL. This secondary contact recreation criterion shall apply year round.~~

~~c. iii. Drinking Water Supply. The monthly arithmetic mean of total coliform most probable number (MPN) shall not exceed 10,000/100 mL, nor shall the monthly arithmetic mean of fecal coliforms exceed 2,000/100 mL. No more than 30 percent of the total samples collected on a monthly or near-monthly basis shall exceed a fecal coliform density of 2,000/100 mL.~~

~~d. iv. Oyster Propagation. The fecal coliform median most probable number (MPN) shall not exceed 14 fecal coliforms per 100 mL, and not more than 10 percent of the samples shall exceed an MPN of 43 per 100 mL for a five-tube~~

decimal dilution test in those portions of the area most probably exposed to fecal contamination during the most unfavorable hydrographic and pollution conditions.

C.6. – Table 1A.Footnote d. ...

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 10:745 (October 1984), amended LR 15:738 (September 1989), LR 17:264 (March 1991), LR 17:967 (October 1991), repromulgated LR 17:1083 (November 1991), amended LR 20:883 (August 1994), LR 24:688 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2402 (December 1999), LR 26:2547 (November 2000), LR 27:289 (March 2001), LR 30: **

§1123. Numerical Criteria and Designated Uses

A. – C.2. ...

3. Designated Uses. The following are the category definitions of Designated Uses that are used in Table 3 under the subheading "Designated Uses."

- A—Primary Contact Recreation
- B—Secondary Contact Recreation
- C—~~Propagation of 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

Numbers in brackets, e.g. [1], refer to endnotes listed at the end of the table.

Table 3. Numerical Criteria and Designated Uses									
A-Primary Contact Recreation; B-Secondary Contact Recreation; C- Propagation of Fish And Wildlife <u>Propagation</u> ; 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
* * *									
[See Prior Text in 010101– 120806]									

ENDNOTES:

[1] – [23] ...

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:**