

62-302.800 Site Specific Alternative Criteria.

Water Body and Class	Site Specific Alternative Criteria	County(s)
(a) Marine portions of the lower St. Johns River and its tributaries between Julington Creek and the mouth of the river. Class III.	<p>Dissolved Oxygen not less than a minimum concentration of 4.0 mg/L, and a Total Fractional Exposure not greater than 1.0 over an annual evaluation period as defined by the following equation:</p> $\left(\text{Total Fractional Exposure} \right) = \frac{\text{Days between } 4.0 - < 4.2 \text{ mg/L}}{16 \text{ day Max}} + \frac{\text{Days between } 4.2 - < 4.4 \text{ mg/L}}{21 \text{ day Max}} + \frac{\text{Days between } 4.4 - < 4.6 \text{ mg/L}}{30 \text{ day Max}} + \frac{\text{Days between } 4.6 - < 4.8 \text{ mg/L}}{47 \text{ day Max}} + \frac{\text{Days between } 4.8 - < 5.0 \text{ mg/L}}{55 \text{ day Max}}$ <p>where the number of days in an interval is based on the daily average Dissolved Oxygen concentration.</p>	Duval/Clay/ St. Johns
(b) Discharge wetlands at the Orange County Eastern Water Reclamation Facility. Class III.	pH of not greater than 8.5 standard units.	Orange
(c) Fenholloway River from river mile -0.1 to river mile 3.5. Class III.	The annual average compensation depth for photosynthetic activity for phytoplankton shall not be decreased greater than 44.3 percent from background conditions as determined by an annual average compensation depth of at least 0.66 meters at river mile 0.53 (station F06). This value must be based on a minimum of 12 measurements during times when the average flow at Coe Island Bridge at river mile 7.15 measures less than 200 cubic feet per second.	Taylor
(d) Fenholloway River coastal waters (Apalachee Bay) as spatially defined by the coordinates (83° 49' 29.95" W, 29° 59' 38.70" N), (83° 45' 3.61" W, 29° 57' 22.10" N), (83° 47' 23.50" W, 29° 54' 5.01" N), and (83° 51' 45.47" W, 29° 56' 25.71" N). Class III.	The annual average down-welling light at 1 m depth at stations F10 (83° 47' 6.60" W, 29° 57' 4.20" N) and F11 (83° 48' 27.00" W, 29° 57' 38.40" N) shall be 27 percent or more of surface values based on a minimum of 12 measurements using a 2 pi sensor during times when the average flow at Hampton Springs Bridge (USGS gage 02325000 near Perry) is less than or equal to 60 cubic feet per second (after subtracting flows from permitted point sources).	Taylor

Rulemaking Authority 403.061, 403.062, 403.087, 403.504, 403.704, 403.804, 403.805 FS. Law Implemented 403.021, 403.061, 403.087, 403.088, 403.141, 403.161, 403.502 FS. History—Formerly 17-3.05(4), Amended 3-1-79, 10-2-80, 2-1-83, Formerly 17-3.031, Amended 6-17-92, Formerly 17-302.800, Amended 5-15-02, 1-9-06, 6-28-06, 12-7-06, 8-5-07, 8-5-10.

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