

Appendix 2A-3: Comparison Between Class III DO Standard and Proposed SSAC

Florida Department of Environmental Protection
Bureau of Laboratories

Class	Site	Mean Annual DO (mg/L)	Annual SSAC Limit (mg/L)	Number Less than 5.0 mg/L	N	Class III Excursion Category	SSAC Excursion Category
Structure	ACME1DS	5.40	2.08	4	13	C	
Interior	C123SR84	5.51	2.53	7	17	C	
Interior	CA215	3.34	2.24	16	22	C	
Interior	CA27	3.36	2.02	11	13	C	
Interior	CA28	0.89	2.15	8	8	C	C
Interior	CA29	3.81	1.97	14	18	C	
Interior	CA311	3.89	2.18	14	18	C	
Interior	CA315	2.77	2.38	21	25	C	
Interior	CA32	3.80	2.13	7	9	C	
Interior	CA33	2.87	2.79	9	10	C	
Interior	CA34	2.86	2.01	9	9	C	
Interior	CA35	3.71	2.13	4	5	C	
Interior	CA36	1.15	1.65	2	2	C	C
Interior	CA38	3.63	2.24	8	10	C	
Interior	E0	3.66	2.35	9	11	C	
Interior	E1	3.60	2.77	6	7	C	
Interior	E2	1.66	2.38	4	4	C	C
Interior	E3	1.54	2.47	4	4	C	C
Interior	E4	2.18	2.48	7	7	C	C
Interior	E5	2.97	2.56	8	8	C	
Structure	ENR012	2.56	2.42	48	52	C	
Interior	EP	9.58	3.46	0	8		
Interior	F0	2.21	2.38	12	12	C	C
Interior	F1	1.62	2.53	6	6	C	C
Interior	F2	1.73	3.00	9	9	C	C
Interior	F3	1.58	2.70	7	7	C	C
Interior	F4	2.11	2.57	6	6	C	C
Interior	F5	3.50	2.63	8	9	C	
Structure	G123	2.71	2.63	15	17	C	
Structure	G204	4.56	3.11	2	5	C	

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Structure	G205	4.06	2.95	3	5	C	
Structure	G206	3.03	3.39	4	4	C	C
Structure	G94B	3.33	2.56	9	12	C	
Structure	G94D	4.99	2.22	7	13	C	
Structure	L3	4.79	1.42	1	5	C	
Interior	LOX10	4.60	1.83	2	6	C	
Interior	LOX11	3.06	2.23	12	13	C	
Interior	LOX12	2.30	2.08	15	15	C	
Interior	LOX13	3.05	2.38	9	11	C	
Interior	LOX14	2.12	2.29	13	14	C	C
Interior	LOX15	2.75	1.98	14	14	C	
Interior	LOX16	1.37	2.24	13	13	C	C
Interior	LOX3	5.95	1.93	1	4	C	
Interior	LOX4	2.83	1.99	7	7	C	
Interior	LOX5	5.53	1.89	3	6	C	
Interior	LOX6	3.08	2.04	10	12	C	
Interior	LOX7	2.50	2.02	12	12	C	
Interior	LOX8	3.42	2.06	9	11	C	
Interior	LOX9	3.78	1.82	5	8	C	
Interior	NE1	1.89	2.32	10	11	C	C
Interior	NP201	4.67	2.35	5	8	C	
Interior	P33	3.50	2.16	11	12	C	
Interior	P34	5.88	2.16	2	8	C	
Interior	P35	4.57	2.81	5	7	C	
Interior	P36	3.99	2.98	10	12	C	
Interior	P37	9.44	3.14	0	8		
Structure	S10A	5.36	2.65	5	9	C	
Structure	S10C	4.87	2.76	8	11	C	
Structure	S10D	3.52	2.51	12	16	C	
Structure	S10E	3.65	2.82	8	11	C	
Structure	S11A	4.73	2.35	6	14	C	
Structure	S11B	5.86	3.52	1	6	C	
Structure	S11C	5.07	3.01	6	12	C	
Structure	S12A	4.11	2.31	22	29	C	
Structure	S12B	3.82	2.37	24	29	C	
Structure	S12C	3.39	2.43	24	29	C	
Structure	S12D	3.19	2.47	25	29	C	
Structure	S140	4.42	2.66	9	14	C	
Structure	S142	3.47	3.05	15	20	C	
Interior	S144	4.39	2.65	14	17	C	
Interior	S145	4.30	2.91	11	17	C	
Interior	S146	4.15	3.09	13	17	C	

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Structure	S150	5.17	2.76	5	13	C	
Interior	S151	3.64	2.54	16	20	C	
Structure	S175	4.83	2.38	16	29	C	
Structure	S18C	5.19	2.44	12	29	C	
Structure	S190	6.16	2.71	2	13	C	
Structure	S31	2.69	3.11	10	12	C	C
Structure	S332	4.67	2.54	21	29	C	
Structure	S333	3.27	2.50	25	29	C	
Structure	S334	5.23	2.35	8	17	C	
Structure	S34	4.88	2.37	6	14	C	
Structure	S344	4.05	2.02	3	4	C	
Structure	S38	3.75	3.60	11	15	C	
Structure	S38B	3.48	4.49	4	5	C	C
Structure	S39	5.45	2.48	5	14	C	
Structure	S5A	4.30	1.94	40	64	C	
Rim	S5AD	5.12	2.27	6	12	C	
Structure	S5AS	3.61	2.11	9	12	C	
Structure	S6	3.65	2.21	72	89	C	
Rim	S6D	4.01	2.03	8	12	C	
Structure	S7	4.55	2.38	11	22	C	
Structure	S8	5.01	2.50	29	57	C	
Structure	S9	2.74	3.05	48	52	C	C
Interior	TSB	3.18	1.47	5	6	C	
Interior	U1	3.02	3.24	7	9	C	C
Interior	U2	5.66	2.23	2	8	C	
Interior	U3	4.33	2.41	5	8	C	
Structure	US41-25	2.79	2.45	25	26	C	
Rim	X0	3.69	2.57	10	12	C	
Interior	X1	0.69	3.04	9	9	C	C
Interior	X2	1.18	3.10	9	9	C	C
Interior	X3	2.02	3.10	9	9	C	C
Interior	X4	2.06	3.22	9	9	C	C
Interior	Y4	3.18	2.88	7	9	C	
Rim	Z0	3.67	2.59	10	12	C	
Interior	Z1	0.92	2.85	10	10	C	C
Interior	Z2	1.75	2.80	7	7	C	C
Interior	Z3	3.09	2.93	10	11	C	
Interior	Z4	3.72	2.84	10	11	C	

These tables provide a comparison between dissolved oxygen excursion rates using the state Class III standard (5.0 mg/L) and the proposed SSAC for WY2001 monitoring data. Sites are classified according to whether they are a structure (pump, culvert, etc.), interior marsh station or rim canal. Excursions are categorized as either Concern ("C") or No Concern (blank). For the SSAC excursion category, a site was assigned the category Concern if the mean annual DO concentration was less than the annual SSAC limit.