

Appendix 4-3

Comparison Between Class III DO Standard and Proposed SSAC

A comparison between Class III DO standard and proposed SSAC is provided in **Table A4-3-1**.

Table A4-3-1. Comparison between dissolved oxygen excursion rates using the state Class III standard (5.0 mg/L) and the proposed SSAC. 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.

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	5.36	2.71	5	14	C	
Interior	C123SR84	3.26	3.07	13	17	C	
Interior	CA215	4.67	2.34	16	26	C	
Interior	CA27	3.63	2.51	21	23	C	
Interior	CA28	1.09	2.51	21	21	C	C
Interior	CA29	3.43	2.36	24	26	C	
Interior	CA311	3.39	2.11	21	23	C	
Interior	CA315	2.73	2.09	24	25	C	
Interior	CA32	4.12	2.31	15	19	C	
Interior	CA33	3.10	2.45	20	20	C	
Interior	CA34	3.27	2.07	20	20	C	
Interior	CA35	4.05	2.16	13	15	C	
Interior	CA36	1.13	2.55	17	17	C	C
Interior	CA38	3.63	2.09	19	21	C	
Interior	E0	2.87	2.49	8	10	C	
Interior	E1	2.01	2.97	7	8	C	C
Interior	E2	2.10	2.98	9	10	C	C
Interior	E3	2.64	2.90	7	9	C	C
Interior	E4	2.96	2.93	8	10	C	
Interior	E5	4.48	2.74	6	10	C	
Structure	ENR012	3.45	2.37	79	92	C	
Interior	EP	9.48	3.52	0	11		
Interior	F0	2.73	2.47	10	10	C	
Interior	F1	3.44	2.91	8	9	C	
Interior	F2	2.88	2.93	8	10	C	C
Interior	F3	2.61	3.04	9	10	C	C
Interior	F4	3.42	2.81	9	10	C	
Interior	F5	4.53	2.74	7	10	C	
Structure	G123	2.25	3.35	10	10	C	C
Structure	G204	2.14	3.22	4	4	C	C

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	G205	2.39	3.08	4	4	C	C
Structure	G206	3.64	3.09	3	4	C	
Structure	G94B	2.27	2.47	10	12	C	C
Structure	G94D	4.13	2.66	8	14	C	
Structure	L3	3.92	2.45	21	27	C	
Interior	LOX10	4.58	2.89	5	9	C	
Interior	LOX11	3.09	2.31	11	12	C	
Interior	LOX12	3.90	2.17	10	13	C	
Interior	LOX13	4.40	2.48	6	10	C	
Interior	LOX14	3.14	2.33	10	12	C	
Interior	LOX15	3.75	2.06	10	13	C	
Interior	LOX16	2.06	2.25	12	12	C	C
Interior	LOX3	5.05	2.84	3	6	C	
Interior	LOX4	3.00	3.07	8	9	C	C
Interior	LOX5	4.70	2.40	7	10	C	
Interior	LOX6	3.53	2.34	9	11	C	
Interior	LOX7	3.69	2.23	7	11	C	
Interior	LOX8	3.23	2.22	9	11	C	
Interior	LOX9	4.86	2.49	6	10	C	
Interior	NE1	3.28	2.12	11	12	C	
Interior	NP201	5.06	2.08	6	12	C	
Interior	P33	3.77	1.91	9	12	C	
Interior	P34	5.36	2.23	4	11	C	
Interior	P35	5.12	2.97	5	10	C	
Interior	P36	4.97	2.30	7	13	C	
Interior	P37	9.12	3.22	0	9		
Structure	S10A	4.11	2.73	3	5	C	
Structure	S10C	4.40	2.78	3	6	C	
Structure	S10D	3.24	2.60	10	12	C	
Structure	S10E	3.41	2.65	8	11	C	
Structure	S11A	5.57	2.82	5	13	C	
Structure	S11B	3.90	2.86	7	8	C	
Structure	S11C	2.58	2.82	13	14	C	C
Structure	S12A	4.28	2.54	17	25	C	
Structure	S12B	4.56	2.36	14	25	C	
Structure	S12C	3.58	2.22	22	25	C	
Structure	S12D	3.11	2.06	24	25	C	
Structure	S140	2.84	2.50	15	20	C	
Structure	S142	2.80	2.78	14	16	C	
Interior	S144	4.72	3.48	11	19	C	
Interior	S145	4.37	3.74	9	16	C	
Interior	S146	4.53	3.88	11	17	C	

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	S150	3.44	2.37	8	11	C	C
Interior	S151	2.81	3.04	16	17	C	
Structure	S175	3.38	2.11	34	45	C	
Structure	S18C	3.47	2.07	16	25	C	
Structure	S190	5.20	2.43	9	17	C	C
Structure	S31	3.05	3.13	11	14	C	
Structure	S332	2.96	2.29	55	66	C	
Structure	S333	3.37	1.99	23	25	C	
Structure	S334	3.04	2.15	10	13	C	C
Structure	S34	2.48	3.07	14	16	C	
Structure	S344	2.80	2.59	4	4	C	
Structure	S38	3.67	3.93	16	21	C	
Structure	S38B	5.83	3.14	1	5	C	C
Structure	S39	4.07	2.59	10	17	C	
Structure	S5A	4.25	2.06	32	59	C	
Rim	S5AD	4.87	2.37	5	11	C	
Structure	S5AS	5.06	2.29	4	8	C	C
Structure	S6	5.24	2.58	28	59	C	
Rim	S6D	4.46	1.89	5	12	C	
Structure	S7	3.33	2.07	14	18	C	
Structure	S8	4.25	2.84	36	58	C	C
Structure	S9	2.24	2.71	50	51	C	
Interior	TSB	8.10	2.51	0	10		
Interior	U1	4.22	2.68	7	10	C	
Interior	U2	5.91	2.57	3	10	C	C
Interior	U3	5.24	2.68	5	10	C	
Structure	US41-25	3.29	2.79	23	25	C	
Rim	X0	3.83	2.53	7	10	C	
Interior	X1	2.47	2.78	8	10	C	C
Interior	X2	2.52	2.85	9	10	C	
Interior	X3	3.43	2.79	8	10	C	
Interior	X4	3.52	2.74	8	10	C	
Interior	Y4	3.94	2.70	7	9	C	C
Rim	Z0	4.30	2.41	6	10	C	
Interior	Z1	2.25	2.63	9	10	C	
Interior	Z2	2.40	2.69	9	9	C	
Interior	Z3	4.40	2.46	6	9	C	C
Interior	Z4	4.74	2.43	5	9	C	