

Appendix 3A-3: Summary of Water Year 2007 Attainment of the Everglades Dissolved Oxygen Site-Specific Alternative Criteria at Individual Monitoring Stations

Florida Department of Environmental Protection

Table 1. Summary of the attainment of the Everglades dissolved oxygen (DO) site-specific alternative criterion (SSAC) at individual monitoring stations during WY2007. The SSAC assessment is based on a comparison between the mean annual measured DO (mg/L) and the annual SSAC limit. Excursion categories are expressed in terms of "Pass" or "Fail."

Station	Area	Class	Annual SSAC Limit	Mean Annual DO	Std. Dev. Annual DO	Min. Annual DO	Max. Annual DO	N	SSAC Exceedance Category
ENR012	Refuge	Inflow	2.18	1.44	1.37	0.02	4.90	51	Fail
G310	Refuge	Inflow	2.07	3.64	1.98	0.38	7.51	51	Pass
G94B	Refuge	Outflow	3.03	4.51	1.65	1.75	7.34	12	Pass
G94D	Refuge	Inflow	3.22	4.33	1.16	2.46	6.52	15	Pass
LOX10	Refuge	Interior	2.51	3.93	1.69	1.48	6.20	8	Pass
LOX11	Refuge	Interior	2.90	4.94	1.42	2.92	7.48	10	Pass
LOX12	Refuge	Interior	2.78	5.21	1.21	2.84	7.60	12	Pass
LOX13	Refuge	Interior	2.77	5.14	1.40	3.45	7.64	10	Pass
LOX14	Refuge	Interior	2.54	4.81	1.50	2.29	7.27	11	Pass
LOX15	Refuge	Interior	2.56	5.14	1.45	2.79	7.24	11	Pass
LOX16	Refuge	Interior	2.62	3.44	2.08	0.23	7.78	11	Pass
LOX3	Refuge	Interior	2.28	4.68	2.97	2.48	9.06	4	Pass
LOX4	Refuge	Interior	2.87	3.13	1.38	1.96	5.87	8	Pass
LOX5	Refuge	Interior	2.52	4.49	1.36	2.99	6.53	5	Pass
LOX6	Refuge	Interior	2.62	3.65	1.27	2.31	6.94	11	Pass
LOX7	Refuge	Interior	2.76	5.45	1.56	3.34	7.79	10	Pass
LOX8	Refuge	Interior	2.58	5.43	1.32	3.18	7.34	11	Pass
LOX9	Refuge	Interior	2.55	4.45	1.13	2.85	5.87	7	Pass
S10A	Refuge	Outflow	2.66	6.34	1.92	4.11	8.63	6	Pass
S10C	Refuge	Outflow	2.58	6.35	2.08	2.84	8.21	6	Pass
S10D	Refuge	Outflow	2.24	5.51	2.42	1.76	9.05	15	Pass
S362	Refuge	Inflow	2.93	5.95	2.00	2.16	10.10	51	Pass
S39	Refuge	Outflow	2.79	6.46	1.74	2.66	8.55	16	Pass
X0	Refuge	Rim	2.29	4.30	2.00	1.34	7.09	13	Pass
X1	Refuge	Interior	2.56	0.60	0.14	0.47	0.76	4	Fail
X2	Refuge	Interior	2.60	1.64	0.83	0.65	2.72	10	Fail
X3	Refuge	Interior	2.71	1.87	1.26	0.99	5.54	11	Fail
X4	Refuge	Interior	2.51	1.79	0.84	0.34	2.77	11	Fail
Y4	Refuge	Interior	3.03	2.82	1.51	1.11	5.17	12	Fail
Z0	Refuge	Rim	2.29	4.20	2.16	1.12	7.42	13	Pass
Z1	Refuge	Interior	2.71	1.28	1.26	0.15	3.22	10	Fail
Z2	Refuge	Interior	2.92	1.56	0.96	0.57	3.32	9	Fail
Z3	Refuge	Interior	2.80	4.27	1.60	2.21	6.87	12	Pass
Z4	Refuge	Interior	2.88	4.54	1.37	2.59	6.91	11	Pass
404C2	WCA-2	Interior	2.13	2.92	0.38	2.31	3.51	7	Pass
CA215	WCA-2	Interior	2.48	7.50	2.47	4.46	11.70	14	Pass
CA27	WCA-2	Interior	2.15	4.03	1.53	1.81	7.49	12	Pass
CA28	WCA-2	Interior	2.01	2.14	0.49	1.32	2.67	10	Pass
CA29	WCA-2	Interior	2.35	4.95	1.86	3.18	9.56	12	Pass
E0	WCA-2	Inflow	2.34	3.85	1.92	0.50	6.74	10	Pass

Station	Area	Class	Annual SSAC Limit	Mean Annual DO	Std. Dev. Annual DO	Min. Annual DO	Max. Annual DO	N	SSAC Exceedance Category
E1	WCA-2	Interior	2.91	2.28	1.56	0.31	4.17	8	Fail
E3	WCA-2	Interior	3.20	1.62	1.22	0.45	3.16	6	Fail
E4	WCA-2	Interior	3.01	1.70	0.81	0.59	2.99	9	Fail
E5	WCA-2	Interior	3.04	4.52	1.41	2.58	6.97	11	Pass
F0	WCA-2	Inflow	2.20	3.24	2.69	0.20	7.03	10	Pass
F1	WCA-2	Interior	3.28	2.24	1.24	0.88	4.86	14	Fail
F2	WCA-2	Interior	3.27	2.00	1.23	0.30	5.03	20	Fail
F3	WCA-2	Interior	3.73	3.18	2.11	0.40	6.83	10	Fail
F4	WCA-2	Interior	2.86	2.63	1.31	0.47	4.64	18	Fail
F5	WCA-2	Interior	3.37	4.11	1.67	1.91	7.88	10	Pass
G335	WCA-2	Inflow	2.12	4.41	1.26	1.82	7.44	52	Pass
N1	WCA-2	Interior	1.72	1.39	1.21	0.44	3.32	5	Fail
S10A	WCA-2	Inflow	2.66	6.34	1.92	4.11	8.63	6	Pass
S10C	WCA-2	Inflow	2.58	6.35	2.08	2.84	8.21	6	Pass
S10D	WCA-2	Inflow	2.24	5.51	2.42	1.76	9.05	15	Pass
S11A	WCA-2	Outflow	2.04	6.46	1.74	4.09	9.43	15	Pass
S11B	WCA-2	Outflow	1.80	5.13	1.57	3.19	7.60	13	Pass
S11C	WCA-2	Outflow	2.10	4.32	1.76	1.86	6.80	15	Pass
S145	WCA-2	Interior	2.28	4.41	1.47	1.84	6.50	17	Pass
S34	WCA-2	Outflow	2.00	6.35	1.65	2.05	8.27	13	Pass
S38	WCA-2	Outflow	2.87	3.62	0.84	2.08	4.91	19	Pass
S7	WCA-2	Inflow	2.47	4.13	1.87	1.06	8.63	50	Pass
U1	WCA-2	Interior	3.02	3.90	1.99	0.75	6.60	10	Pass
U2	WCA-2	Interior	3.09	5.21	1.42	3.16	7.53	9	Pass
U3	WCA-2	Interior	3.14	4.71	1.43	3.39	7.10	7	Pass
3AE0	WCA-3	Inflow	2.87	4.75	2.21	1.37	7.13	5	Pass
3AE15	WCA-3	Interior	2.71	1.21	0.15	0.99	1.33	4	Fail
3AE20	WCA-3	Interior	2.37	2.93	1.64	0.97	4.91	6	Pass
3AE40	WCA-3	Interior	2.26	5.35	1.08	3.73	6.59	8	Pass
3ANMESO	WCA-3	Interior	2.89	3.52	2.16	0.92	7.55	9	Pass
3ASMESO	WCA-3	Interior	2.87	4.43	2.43	1.40	7.90	8	Pass
3AW0	WCA-3	Inflow	3.36	6.16	2.49	1.29	8.94	8	Pass
3AW05	WCA-3	Interior	2.74	1.44	2.03	0.42	4.49	4	Fail
3AW20	WCA-3	Interior	2.23	1.19	0.48	0.60	1.78	4	Fail
3AW40	WCA-3	Interior	2.37	5.88	1.87	3.53	8.02	5	Pass
C123SR84	WCA-3	Inflow	2.49	4.94	2.23	1.44	8.03	15	Pass
CA311	WCA-3	Interior	2.35	5.03	1.43	2.62	7.89	16	Pass
CA315	WCA-3	Interior	2.47	3.53	1.41	0.81	6.14	23	Pass
CA316	WCA-3	Interior	2.43	2.78	1.46	0.54	7.02	17	Pass
CA317	WCA-3	Interior	2.32	6.12	2.94	1.60	13.10	24	Pass
CA318	WCA-3	Interior	2.53	3.10	1.61	0.38	6.20	22	Pass
CA32	WCA-3	Interior	1.92	6.72	1.90	3.32	9.77	8	Pass
CA33	WCA-3	Interior	2.14	5.10	1.15	2.50	6.50	8	Pass
CA34	WCA-3	Interior	2.00	3.45	0.97	2.23	5.12	7	Pass
CA35	WCA-3	Interior	1.85	3.75	0.12	3.63	3.94	5	Pass

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CA36	WCA-3	Interior	1.96	3.10	0.53	2.64	4.01	6	Pass
CA38	WCA-3	Interior	1.94	3.69	1.79	1.94	7.70	8	Pass
G123	WCA-3	Inflow	2.65	3.05	1.93	0.29	6.71	50	Pass
G204	WCA-3	Inflow	3.23	2.10	1.50	0.28	3.95	4	Fail
G205	WCA-3	Inflow	3.06	3.98	2.44	0.36	5.53	4	Pass
G206	WCA-3	Inflow	2.96	4.50	1.37	3.24	5.91	4	Pass
S11A	WCA-3	Inflow	2.04	6.46	1.74	4.09	9.43	15	Pass
S11B	WCA-3	Inflow	1.80	5.13	1.57	3.19	7.60	13	Pass
S11C	WCA-3	Inflow	2.10	4.32	1.76	1.86	6.80	15	Pass
S12A	WCA-3	Outflow	3.62	5.53	2.06	3.00	9.31	16	Pass
S12B	WCA-3	Outflow	3.57	4.53	2.43	2.09	8.85	15	Pass
S12C	WCA-3	Outflow	3.26	4.23	1.88	1.48	9.32	50	Pass
S12D	WCA-3	Outflow	3.28	3.22	1.52	1.86	7.78	15	Fail
S140	WCA-3	Inflow	2.26	5.59	2.31	1.30	9.55	50	Pass
S142	WCA-3	Inflow	2.09	4.28	1.59	2.46	6.85	12	Pass
S150	WCA-3	Inflow	2.77	4.42	1.89	1.35	7.42	50	Pass
S151	WCA-3	Inflow	2.42	3.81	1.49	1.55	6.83	14	Pass
S190	WCA-3	Inflow	3.49	6.54	2.37	1.62	10.70	49	Pass
S31	WCA-3	Outflow	2.88	3.84	1.42	1.99	5.80	11	Pass
S333	WCA-3	Outflow	3.01	3.80	1.54	1.53	7.84	50	Pass
S334	WCA-3	Outflow	3.03	5.62	1.76	0.20	7.61	16	Pass
S344	WCA-3	Outflow	2.26	5.21	2.60	2.69	8.44	4	Pass
S8	WCA-3	Inflow	2.03	6.02	1.98	1.09	11.40	51	Pass
S9	WCA-3	Inflow	2.31	1.93	1.28	0.22	5.04	49	Fail
US41-25	WCA-3	Outflow	2.33	3.18	1.21	1.30	6.27	26	Pass
EP	Park	Interior	2.87	8.62	1.10	7.40	9.81	7	Pass
NE1	Park	Interior	2.79	2.17	0.93	0.62	3.54	12	Fail
P33	Park	Interior	2.53	4.01	0.84	2.59	5.49	12	Pass
P34	Park	Interior	2.60	6.05	1.42	3.47	7.60	8	Pass
P35	Park	Interior	2.78	3.69	1.21	2.02	5.56	7	Pass
P36	Park	Interior	2.80	3.99	0.76	2.92	4.99	12	Pass
P37	Park	Interior	2.79	7.88	0.73	7.14	8.88	6	Pass
S12A	Park	Inflow	3.62	5.53	2.06	3.00	9.31	16	Pass
S12B	Park	Inflow	3.57	4.53	2.43	2.09	8.85	15	Pass
S12C	Park	Inflow	3.26	4.23	1.88	1.48	9.32	50	Pass
S12D	Park	Inflow	3.28	3.22	1.52	1.86	7.78	15	Fail
S176	Park	Inflow	2.10	4.53	2.16	0.42	8.68	51	Pass
S18C	Park	Inflow	2.94	6.18	2.89	1.45	12.20	45	Pass
S332D	Park	Inflow	2.47	4.29	2.28	0.26	9.31	45	Pass
S333	Park	Inflow	3.01	3.80	1.54	1.53	7.84	50	Pass
TSB	Park	Interior	1.98	2.33	1.11	1.69	4.98	8	Pass