Appendix 2A-3: Summary of Water Year 2005 Attainment of the Dissolved Criteria at Individual Everglades 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 WY2005. The SSAC assessment is based on a comparison between the mean annual measured DO (mg/L) and the annual SSAC limit. Sites are classified as a structure (pump, culvert, gate, etc.), interior marsh station, or canal station. Excursion categories are expressed in terms of "Pass" or "Fail."

Area	Class	Station	Annual SSAC Limit	Mean Annual DO	Std. Dev. Annual DO	Min. Annual DO	Max. Annual DO	N	SSAC Exceedance Category
Refuge	Inflow	ACME1DS	3.45	6.52	1.70	3.85	8.79	11	Pass
Refuge	Inflow	G251	2.59	1.97	1.52	0.26	7.55	50	Fail
Refuge	Inflow	G300	3.37	4.99	3.87	0.71	10.10	4	Pass
Refuge	Inflow	G310	2.39	4.10	1.60	1.35	9.50	50	Pass
Refuge	Inflow	G94D	3.18	5.69	1.85	2.72	9.40	12	Pass
Refuge	Rim	X0	2.86	4.94	1.90	1.76	7.71	9	Pass
Refuge	Rim	Z0	2.93	4.86	2.26	1.78	8.51	10	Pass
Refuge	Interior	LOX10	3.02	3.32	0.90	2.42	5.15	7	Pass
Refuge	Interior	LOX11	2.61	3.33	1.65	0.88	6.24	10	Pass
Refuge	Interior	LOX12	2.50	4.75	2.07	2.01	7.49	12	Pass
Refuge	Interior	LOX13	2.62	3.72	2.41	0.87	7.13	10	Pass
Refuge	Interior	LOX14	2.68	3.80	1.88	1.65	6.49	10	Pass
Refuge	Interior	LOX15	2.54	4.53	2.06	1.37	7.76	11	Pass
Refuge	Interior	LOX16	2.74	2.50	2.00	0.33	6.72	10	Fail
Refuge	Interior	LOX3	2.24	4.03	1.09	3.06	5.53	4	Pass
Refuge	Interior	LOX4	3.09	3.24	0.70	2.19	4.35	7	Pass
Refuge	Interior	LOX5	2.29	3.64	1.18	2.82	5.00	3	Pass
Refuge	Interior	LOX6	2.75	4.11	1.43	1.29	5.95	9	Pass
Refuge	Interior	LOX7	2.80	2.90	1.90	0.53	5.58	8	Pass
Refuge	Interior	LOX8	2.79	4.25	1.67	1.09	6.05	8	Pass
Refuge	Interior	LOX9	2.58	3.37	0.92	2.64	4.67	4	Pass
Refuge	Interior	X1	3.48	1.53	2.29	0.16	7.07	8	Fail
Refuge	Interior	X2	3.26	2.59	1.48	0.39	5.37	8	Fail
Refuge	Interior	X3	3.03	2.74	1.43	1.47	6.43	10	Fail
Refuge	Interior	X4	2.93	3.47	1.81	0.79	7.26	10	Pass
Refuge	Interior	Y4	3.69	3.05	2.01	0.71	5.99	9	Fail
Refuge	Interior	Z1	3.31	1.45	1.26	0.10	3.41	10	Fail
Refuge	Interior	Z2	3.61	2.04	1.94	0.40	5.95	9	Fail
Refuge	Interior	Z3	3.50	4.42	1.95	0.76	7.33	9	Pass
Refuge	Interior	Z4	3.60	5.76	2.21	2.68	8.81	9	Pass
Refuge	Outflow	G94B	3.09	3.99	1.07	1.98	5.47	11	Pass
Refuge	Outflow	S10A	2.84	4.50	3.42	1.04	8.65	6	Pass
Refuge	Outflow	S10C	2.59	5.20	1.81	3.07	7.61	8	Pass
Refuge	Outflow	S10D	2.48	5.08	1.87	2.10	8.68	13	Pass
Refuge	Outflow	S10E	2.44	5.45	1.61	3.24	7.96	9	Pass
Refuge	Outflow	S39	2.82	5.34	2.16	1.33	8.04	11	Pass
WCA-2	Inflow	E0	3.32	4.01	2.08	1.34	7.81	9	Pass
WCA-2	Inflow	F0	3.31	3.68	2.38	1.09	7.80	10	Pass

Area	Class	Station	Annual SSAC Limit	Mean Annual DO	Std. Dev. Annual DO	Min. Annual DO	Max. Annual DO	N	SSAC Exceedance Category
WCA-2	Inflow	G335	2.50	4.77	1.70	1.57	9.39	50	Pass
WCA-2	Inflow	S10A	2.84	4.50	3.42	1.04	8.65	6	Pass
WCA-2	Inflow	S10C	2.59	5.20	1.81	3.07	7.61	8	Pass
WCA-2	Inflow	S10D	2.48	5.08	1.87	2.10	8.68	13	Pass
WCA-2	Inflow	S10E	2.44	5.45	1.61	3.24	7.96	9	Pass
WCA-2	Inflow	S7	2.50	4.55	1.97	1.27	8.21	51	Pass
WCA-2	Interior	CA215	2.82	6.22	2.60	3.19	11.50	17	Pass
WCA-2	Interior	CA27	2.64	4.81	2.41	1.91	10.10	15	Pass
WCA-2	Interior	CA28	2.20	3.49	3.00	0.79	9.53	9	Pass
WCA-2	Interior	CA29	2.49	5.60	2.54	2.59	11.90	18	Pass
WCA-2	Interior	E1	4.00	2.03	1.63	0.27	4.72	8	Fail
WCA-2	Interior	E2	3.68	1.18	0.89	0.18	2.41	7	Fail
WCA-2	Interior	E3	3.62	1.90	1.73	0.19	4.75	7	Fail
WCA-2	Interior	E4	3.44	1.64	1.32	0.63	3.88	6	Fail
WCA-2	Interior	E5	3.30	5.13	1.50	2.79	7.21	8	Pass
WCA-2	Interior	F1	3.51	2.54	2.15	0.12	9.03	18	Fail
WCA-2	Interior	F2	3.61	2.89	2.53	0.15	9.15	21	Fail
WCA-2	Interior	F3	4.27	2.94	1.85	0.18	5.79	10	Fail
WCA-2	Interior	F4	3.01	3.47	2.92	0.24	11.40	20	Pass
WCA-2	Interior	F5	3.63	3.67	2.65	1.40	7.80	7	Pass
WCA-2	Interior	S145	2.89	4.67	1.70	2.03	7.92	17	Pass
WCA-2	Interior	U1	3.36	3.52	2.29	0.65	6.70	8	Pass
WCA-2	Interior	U2	3.09	4.84	2.06	2.63	8.72	7	Pass
WCA-2	Interior	U3	3.23	3.86	1.65	1.78	6.63	6	Pass
WCA-2	Outflow	S11A	2.31	6.01	1.74	3.34	8.58	14	Pass
WCA-2	Outflow	S11B	2.33	3.93	1.88	1.84	8.02	10	Pass
WCA-2	Outflow	S11C	2.69	3.96	2.73	1.24	9.30	14	Pass
WCA-2	Outflow	S34	2.55	4.49	1.64	1.53	7.48	17	Pass
WCA-2	Outflow	S38	3.27	4.43	1.89	1.97	9.01	19	Pass
WCA-3	Inflow	3AE0	3.03	7.43	0.92	5.72	8.64	7	Pass
WCA-3	Inflow	3AW0	3.00	6.81	2.54	1.82	10.06	9	Pass
WCA-3	Inflow	C123SR84	2.82	5.32	2.24	2.52	9.12	16	Pass
WCA-3	Inflow	G123	2.88	4.61	1.61	2.16	9.56	48	Pass
WCA-3	Inflow	G204	3.79	5.32	1.93	3.50	8.03	4	Pass
WCA-3	Inflow	G205	3.78	5.29	1.62	3.11	6.52	4	Pass
WCA-3	Inflow	G206	3.70	4.90	2.48	1.51	7.39	4	Pass
WCA-3	Inflow	S11A	2.31	6.01	1.74	3.34	8.58	14	Pass
WCA-3	Inflow	S11B	2.33	3.93	1.88	1.84	8.02	10	Pass
WCA-3	Inflow	S11C	2.69	3.96	2.73	1.24	9.30	14	Pass
WCA-3	Inflow	S140	2.64	4.82	2.53	0.86	9.25	49	Pass
WCA-3	Inflow	S142	2.46	4.36	1.48	2.61	7.92	22	Pass
WCA-3	Inflow	S150	2.74	4.51	1.87	1.23	8.35	50	Pass
WCA-3	Inflow	S151	3.00	3.83	1.28	2.19	6.53	13	Pass

Area	Class	Station	Annual SSAC Limit	Mean Annual DO	Std. Dev. Annual DO	Min. Annual DO	Max. Annual DO	N	SSAC Exceedance Category
WCA-3	Inflow	S190	2.66	5.49	2.90	1.56	9.31	22	Pass
WCA-3	Inflow	S8	2.47	5.57	2.14	2.41	9.52	50	Pass
WCA-3	Inflow	S9	2.86	2.56	1.54	0.45	7.05	50	Fail
WCA-3	Interior	3AE10	3.12	1.03	0.47	0.42	1.41	4	Fail
WCA-3	Interior	3AE15	2.92	2.28	0.42	1.52	2.76	6	Fail
WCA-3	Interior	3AE20	2.94	2.93	0.53	2.27	3.69	8	Fail
WCA-3	Interior	3AE40	2.78	4.41	0.83	3.52	5.89	8	Pass
WCA-3	Interior	3ANMESO	2.80	3.10	1.67	0.89	5.41	8	Pass
WCA-3	Interior	3ASMESO	2.76	3.72	1.21	1.75	6.10	9	Pass
WCA-3	Interior	3AW05	3.48	0.81	0.58	0.29	1.59	4	Fail
WCA-3	Interior	3AW10	3.23	0.78	0.66	0.22	1.83	5	Fail
WCA-3	Interior	3AW15	3.03	1.39	0.70	0.38	2.30	5	Fail
WCA-3	Interior	3AW20	2.90	0.98	0.51	0.27	1.60	6	Fail
WCA-3	Interior	3AW40	2.86	5.46	2.20	0.85	7.54	9	Pass
WCA-3	Interior	CA311	2.80	3.84	1.59	1.56	8.28	16	Pass
WCA-3	Interior	CA315	2.88	4.74	2.52	1.80	10.10	17	Pass
WCA-3	Interior	CA316	2.78	3.24	1.55	0.94	7.11	18	Pass
WCA-3	Interior	CA317	2.60	5.19	1.96	1.70	8.18	20	Pass
WCA-3	Interior	CA318	2.80	3.76	2.10	1.26	7.42	19	Pass
WCA-3	Interior	CA32	2.29	4.10	2.44	1.42	7.98	8	Pass
WCA-3	Interior	CA33	2.44	3.93	1.43	2.02	6.83	11	Pass
WCA-3	Interior	CA34	2.64	4.37	2.59	1.33	10.10	8	Pass
WCA-3	Interior	CA35	1.97	4.28	1.15	2.69	6.04	6	Pass
WCA-3	Interior	CA36	2.24	2.86	1.30	1.63	4.23	4	Pass
WCA-3	Interior	CA38	2.32	3.83	1.63	2.52	7.50	10	Pass
WCA-3	Outflow	S12A	2.39	3.89	1.24	2.18	5.89	20	Pass
WCA-3	Outflow	S12B	2.68	4.14	1.25	1.80	6.23	20	Pass
WCA-3	Outflow	S12C	2.81	3.65	1.44	1.13	6.33	20	Pass
WCA-3	Outflow	S12D	3.08	3.61	1.39	1.75	6.12	22	Pass
WCA-3	Outflow	S31	3.53	3.70	1.72	1.96	6.66	9	Pass
WCA-3	Outflow	S333	3.34	3.68	1.29	1.69	5.84	24	Pass
WCA-3	Outflow	S334	3.85	5.11	1.82	2.39	8.01	18	Pass
WCA-3	Outflow	S355A	3.82	5.93	1.42	4.08	8.32	12	Pass
WCA-3	Outflow	S355B	3.92	6.80	2.31	3.32	10.40	12	Pass
WCA-3	Outflow	US41-25	2.56	3.20	0.71	1.30	4.36	25	Pass
Park	Inflow	S12A	2.39	3.89	1.24	2.18	5.89	20	Pass
Park	Inflow	S12B	2.68	4.14	1.25	1.80	6.23	20	Pass
Park	Inflow	S12C	2.81	3.65	1.44	1.13	6.33	20	Pass
Park	Inflow	S12D	3.08	3.61	1.39	1.75	6.12	22	Pass
Park	Inflow	S175	2.84	4.26	2.04	0.23	7.00	25	Pass
Park	Inflow	S18C	2.39	6.03	2.05	1.85	9.20	49	Pass
Park	Inflow	S332	2.90	4.04	1.54	1.29	6.47	25	Pass
Park	Inflow	S332D	3.47	3.58	1.67	0.23	5.93	36	Pass

Area	Class	Station	Annual SSAC Limit	Mean Annual DO	Std. Dev. Annual DO	Min. Annual DO	Max. Annual DO	N	SSAC Exceedance Category
Park	Inflow	S333	3.34	3.68	1.29	1.69	5.84	24	Pass
Park	Inflow	S355A	3.82	5.93	1.42	4.08	8.32	12	Pass
Park	Inflow	S355B	3.92	6.80	2.31	3.32	10.40	12	Pass
Park	Interior	EP	3.65	9.12	0.56	8.31	9.61	4	Pass
Park	Interior	NE1	3.02	2.72	1.68	1.32	5.70	11	Fail
Park	Interior	NP201	2.98	5.23	2.28	1.49	8.50	11	Pass
Park	Interior	P33	2.68	4.95	1.25	3.63	7.76	11	Pass
Park	Interior	P34	2.88	7.48	1.39	5.45	9.10	7	Pass
Park	Interior	P35	3.28	4.23	1.03	3.08	6.12	7	Pass
Park	Interior	P36	3.07	4.60	1.57	1.77	7.37	11	Pass
Park	Interior	P37	3.85	8.65	1.66	6.19	10.40	5	Pass
Park	Interior	TSB	2.39	3.08	1.48	1.36	5.32	7	Pass