Table ??. Surface Water Salinity Data for Wildflower Preserve

Station	Description	Salinity (ppt)																	
		10/14/24	10/18/24	11/3/24	11/17/24	12/22/24	1/26/25	2/26/25	3/22/25	4/27/25	5/23/25	6/22/25	7/20/25	8/23/25	9/27/25	10/26/25	11/28/25	12/20/25
1	Lemon Creek inflow from Amberjack (Marker 29)	13	17	17	26	20	17	15	23	34	34	10	6	13	3	15	33	30
2	Lemon Creek west side of trail (Marker 32)	26	17	18	29	24	22	22	26	37	33	23	21	31	20	28	34	32
3	Lemon Creek east side of trail (Marker 32)	14	17	17	26	22	18	13	25	33	33	10	6	18	4	15	34	32
4	Isolated pond in front of bench (Marker 34)	22	15	25.5	27	30	24	18	26	40	25	7.5	7.5	6	5	7	12	12
5	Lemon Creek north end in front of bench (Marker 35)	12	14	9	26	20	15	14	18	26	29	11	5	7	7	25	30	30
6	Isolated ponded water (Marker 37)	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7	Isolated ponded water (Marker 38)	17	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	Creek discharge to Lemon Creek (Marker 39)	10	12	--	--	--	--	--	--	--	--	8	4	2	0	--	--	--
9	Creek west side of culvert	10	12	12	11	3	--	3	--	--	--	6	4	3	0	3	--	--
10	Creek discharge from Sandalhaven Pond	15	10	13	13	--	--	5	--	--	--	8	5	3	1	--	--	4
11	Creek from Sandalhaven Pond north side of culvert (Marker 45)	16	17	17	17	16	12	6	8	--	11	8	5	3	1	3.5	5	--
12	Verna's Pond in front of bench (Marker 1)	11	11	10	10	10	7	6	7	7	5	3	2	1	0	1	2	2
13	Creek discharge from Verna's Pond west and east side of road	12	12	13	10	10	7	6	--	--	--	3	2	1	0	1	2	2
14	Creek discharge to Long Pond west side of culvert	5	5	5	4	5	6	4	5	--	--	3	2	1	0	1	1	3
15	Turtle Pond north shore	4	6	5	4	4	4	3	4	4	3	3	2	1	0	1	1	2
16	Creek discharge into Turtle Pond	2	2	1	2	2	2	1	--	--	--	2	2	1	1	1	--	--
17	Hidden Pond near bench	10	11	11	11	9	4	2	3	5	1	2	1	1	1	0	0	0
18	Creek east of oyster shell pads (Marker 8)	2	2	1	2	--	--	1	--	--	--	1	1	1	1	--	--	--
19	Creek west/east side of culvert (Marker 9)	2	2	2	2	2	1	1	2	2	1	2	2	1	0	0	1	1
19a	Isolated ponded water in Old Castle Area A (Marker 10)	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	Isolated pond in southeast corner of Preserve	15	13	17	18	18	16	12	16	27	19	9	5	4	1	2	3	3
21	Duckweed Pond in front of bench (Marker 18)	16	16	14.5	15	14	12	9	10	10	8	6	5	4	2	3	4	5
22	Long Pond (Marker 19)	11	10	10	11	11	9	8	8	10	9	7	3	2	0	1	2	3
23	Long Pond west of island	8	11	10	11	11	10	8	9	10	9	7	4	2	1	1	2	2
24	Creek discharge to Moorhen Pond west side of culvert (Marker 21)	11	13	11	12	13	12	10	12	13	12	7	4	2	0.5	1	2	2
25	Moorhen Pond west shore near bench	11	13	13	13	13	13	10	12	13	12	7	5	2	0	1	2	2
26	Hosman Pond north shore near bench	23	25	25	24	20	15	12	13	13	12	9	10	9	8	9	9	9
27	Brackish lagoon south shore (Marker 25)	15	18	14	21	22	16	10	12	14	12	11	8	9	5	16	27	25
27a	Brackish lagoon east of Rookery Island (Marker 24)	14	16	18	23	21	19	12	20	30	30	13	8	13	7	25	31	30
28	Creek connecting brackish lagoons SE corner of bridge	14	17	18	28	23	20	12	14	34	33	11	7	13	7	25	34	31

Station	Description	Salinity (ppt)						
		1/30/26	3/1/26	3/22/26	4/29/26	5/27/26	6/24/26	07/26/26
1	Lemon Creek inflow from Amberjack (Marker 29)							
2	Lemon Creek west side of trail (Marker 32)							
3	Lemon Creek east side of trail (Marker 32)							
4	Isolated pond in front of bench (Marker 34)							
5	Lemon Creek north end in front of bench (Marker 35)							
6	Isolated ponded water (Marker 37)	--	--	--	--	--	--	--
7	Isolated ponded water (Marker 38)	--	--	--	--	--	--	--
8	Creek discharge to Lemon Creek (Marker 39)	--	--	--	--	--	--	--
9	Creek west side of culvert	--	--	--	--	--	--	1
10	Creek discharge from Sandalhaven Pond	--	2	--	--	--	--	0
11	Creek from Sandalhaven Pond north side of culvert (Marker 45)	--	--	2	2	--	--	0
12	Verna's Pond in front of bench (Marker 1)	1	0	1	0	0	0	0
13	Creek discharge from Verna's Pond west and east side of road	1	0	2	0	0	0	0
14	Creek discharge to Long Pond west side of culvert	--	2	4	0	--	--	1
15	Turtle Pond north shore	1	1	2	0	0	2	1
16	Creek discharge into Turtle Pond	--	--	--	--	--	--	1
17	Hidden Pond near bench	0	0	1	1	0	--	0
18	Creek east of oyster shell pads (Marker 8)	--	--	--	--	--	--	0
19	Creek west/east side of culvert (Marker 9)	1	1	2	0	0	--	0
19a	Isolated ponded water in Old Castle Area A (Marker 10)	--	--	--	--	--	--	--
20	Isolated pond in southeast corner of Preserve	5	3	7	4	6	--	4
21	Duckweed Pond in front of bench (Marker 18)	4	3	5	3	3	6	3
22	Long Pond (Marker 19)	2	1	3	0	0	2	1
23	Long Pond west of island	2	1	3	0.5	0	2.5	1
24	Creek discharge to Moorhen Pond west side of culvert (Marker 21)	2	2	3	0	1	2	1
25	Moorhen Pond west shore near bench	2	2	2	1	0	2	1
26	Hosman Pond north shore near bench	10	8	8	8	6	10	8
27	Brackish lagoon south shore (Marker 25)							
27a	Brackish lagoon east of Rookery Island (Marker 24)							
28	Creek connecting brackish lagoons SE corner of bridge							

Notes:

1) Trail marker numbers are provided to indicate the approximate location of the sample.

2) -- Insufficient water to sample or station was dry.

3) No longer included in monitoring program.