Appendix 3A-2: Summary of Water Year 2006 through Water Year 2010 Water Quality Monitoring Results at Individual Stations

Florida Department of Environmental Protection[1]

[1] Florida Department of Environmental Protection, Division of Environmental Assessment and Restoration, Environmental Assessment and Support Program, Tallahassee, FL

Table 1. Summary of Water Years 2006–2010 (April 1, 2005–May 30, 2010) water quality monitoring data and excursions from applicable criteria at individual monitoring stations in the Everglades Protection Area (EPA). Excursion categories of concern, potential concern, minimal concern, and no concern are denoted by "C," "PC," "MC," and "NC," respectively. For sulfate, the excursion category is given as "NA" because no numeric criterion applies.

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Dissolved Oxygen	mg/L	ENP	Inflow	S12A	4.55	1.63	3.46	4.20	5.37	1.67	13.80	175	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S12B	4.14	1.51	3.00	3.86	5.09	2.03	8.85	92	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S12C	3.97	1.67	2.63	3.84	5.12	0.94	9.32	153	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S12D	4.18	1.64	2.90	4.11	5.06	1.50	14.00	137	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S18C	5.82	2.50	3.73	5.86	7.84	0.20	12.20	245	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S333	4.21	1.64	3.08	4.07	5.03	1.50	15.30	231	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S355A	6.60	1.76	5.34	6.22	7.56	4.15	14.30	39	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S355B	5.95	2.10	4.53	5.48	7.40	2.16	12.10	38	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	US41-25	3.22	1.41	2.41	2.90	3.59	1.03	8.57	106	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S175	3.35	1.74	1.85	3.62	4.72	0.18	5.98	16	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S332	2.79	1.52	1.49	2.49	3.89	0.70	6.03	16	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S332D	3.42	2.20	1.27	3.21	5.31	0.26	9.31	112	NA	NA
Dissolved Oxygen	mg/L	ENP	Inflow	S176	4.20	2.10	2.46	4.22	6.00	0.42	8.68	90	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	EP	7.95	1.44	6.95	7.86	9.16	5.05	10.90	39	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	NE1	2.91	1.51	1.81	2.56	3.54	0.62	8.25	51	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	NP201	5.33	1.72	4.31	5.22	6.43	1.52	8.73	44	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	P33	4.05	1.45	3.15	4.21	4.80	0.77	7.83	51	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	P34	6.03	1.32	5.21	6.20	7.11	3.00	9.01	40	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	P35	3.83	1.18	2.97	3.41	4.89	2.02	6.11	35	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	P36	4.11	1.05	3.34	4.05	4.77	2.08	6.98	50	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	P37	7.21	1.80	6.59	7.45	8.45	2.54	10.40	32	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	S12C10	2.30	1.43	0.86	2.44	3.00	0.36	4.81	8	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	S12C2	5.05	1.19	4.10	4.78	6.14	3.48	6.71	5	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	S12C6	5.38	2.08	3.90	4.83	7.15	3.29	8.82	5	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	T24	5.49	1.58	3.98	5.48	7.01	3.86	7.65	5	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	T33	3.79	0.93	2.90	4.01	4.55	2.18	4.63	7	NA	NA
Dissolved Oxygen	mg/L	ENP	Interior	TSB	3.09	1.41	1.95	2.63	3.86	1.66	6.84	38	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Dissolved Oxygen	mg/L	Refuge	Inflow	ENR012	1.86	1.57	0.77	1.42	2.40	0.02	10.80	252	NA	NA
Dissolved Oxygen	mg/L	Refuge	Inflow	G300	4.95	2.28	3.19	4.89	6.41	0.84	14.30	226	NA	NA
Dissolved Oxygen	mg/L	Refuge	Inflow	G301	4.57	2.13	2.91	4.56	6.08	0.68	11.60	230	NA	NA
Dissolved Oxygen	mg/L	Refuge	Inflow	G310	4.20	1.95	2.89	4.13	5.63	0.25	11.50	253	NA	NA
Dissolved Oxygen	mg/L	Refuge	Inflow	S362	6.14	1.95	4.65	6.45	7.55	1.14	12.00	253	NA	NA
Dissolved Oxygen	mg/L	Refuge	Inflow	ACME1DS	5.60	1.58	4.56	5.61	6.88	2.30	8.40	40	NA	NA
Dissolved Oxygen	mg/L	Refuge	Inflow	G94D	4.24	1.61	3.10	4.05	5.16	1.02	9.00	42	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX10	4.58	1.84	3.19	4.33	5.56	1.33	10.60	42	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX11	4.23	2.08	2.55	3.87	5.53	0.89	9.14	53	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX12	4.81	1.67	3.63	4.79	5.95	1.77	9.22	55	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX13	4.68	1.84	3.22	4.52	5.79	1.07	8.75	50	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX14	4.29	1.70	2.89	4.48	5.31	0.59	8.59	53	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX15	4.87	1.78	3.66	4.84	6.12	1.49	9.80	53	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX16	3.17	1.61	1.90	2.97	4.31	0.23	7.78	53	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX3	4.62	2.06	3.03	3.81	6.06	1.77	9.18	29	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX4	4.46	2.02	2.85	4.42	5.87	1.02	9.12	43	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX5	4.98	1.58	3.69	4.76	6.10	2.44	8.84	33	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX6	4.05	1.74	2.83	3.88	5.03	1.12	8.43	51	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX7	5.08	1.96	3.46	5.29	6.20	1.74	10.70	49	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX8	5.10	2.08	3.21	5.17	6.67	1.33	10.60	51	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOX9	4.86	1.63	3.67	4.64	5.76	1.56	8.88	42	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA105	2.87	1.68	1.42	2.27	4.65	0.57	6.12	31	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA106	3.61	1.97	2.27	2.96	5.01	0.69	7.60	29	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA107	3.45	1.82	1.96	3.20	4.34	1.17	7.10	21	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA136	2.81	1.85	1.01	2.82	4.42	0.22	6.42	27	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA137	3.90	2.30	2.17	3.39	5.11	0.43	9.43	33	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA138	6.17	2.71	3.08	5.99	8.51	1.59	9.98	29	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA139	6.11	2.67	3.62	5.90	8.64	1.16	11.20	25	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	WCA1MESO	5.49	1.95	4.08	5.39	6.75	1.32	9.65	46	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	X1	0.81	0.84	0.26	0.49	1.02	0.09	4.06	32	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	X2	2.07	1.36	0.97	1.73	2.68	0.37	6.48	40	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	X3	2.18	1.33	1.19	1.70	2.93	0.21	6.59	42	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Dissolved Oxygen	mg/L	Refuge	Interior	X4	3.35	2.13	1.72	2.77	4.55	0.34	7.95	47	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	Y4	3.19	1.33	1.92	3.04	4.11	0.80	5.87	47	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	Z1	1.00	0.97	0.22	0.78	1.53	0.10	3.57	42	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	Z2	2.01	1.33	1.07	1.88	2.63	0.49	8.02	42	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	Z3	3.89	1.71	2.36	3.67	5.15	1.16	8.02	48	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	Z4	4.33	1.77	2.78	4.30	5.80	0.37	8.41	47	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA101	3.72	1.78	2.17	3.49	4.73	1.65	7.16	8	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA124	1.90	1.05	0.94	1.89	2.50	0.61	3.83	11	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA130	2.13	1.20	1.20	2.35	2.65	0.55	4.99	11	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA140	6.78	2.28	5.34	6.55	8.67	3.11	10.00	8	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA103	3.79	1.81	2.23	3.78	4.75	1.36	7.17	8	NA	NA
Dissolved Oxygen	mg/L	Refuge	Interior	LOXA108	4.98	2.21	3.34	4.95	6.56	1.25	9.11	25	NA	NA
Dissolved Oxygen	mg/L	Refuge	Outflow	G94B	4.39	1.67	3.09	4.51	5.52	1.18	7.53	62	NA	NA
Dissolved Oxygen	mg/L	Refuge	Outflow	S10A	5.55	2.02	3.56	5.75	7.27	2.10	8.84	38	NA	NA
Dissolved Oxygen	mg/L	Refuge	Outflow	S10C	5.73	1.75	4.34	5.94	7.24	2.18	8.72	41	NA	NA
Dissolved Oxygen	mg/L	Refuge	Outflow	S10D	5.12	2.02	3.37	5.41	6.47	1.64	9.05	72	NA	NA
Dissolved Oxygen	mg/L	Refuge	Outflow	S39	5.71	2.20	4.01	5.88	7.47	0.90	9.73	74	NA	NA
Dissolved Oxygen	mg/L	Refuge	Rim	LOXA104	5.01	2.00	3.38	5.42	6.51	0.52	8.80	38	NA	NA
Dissolved Oxygen	mg/L	Refuge	Rim	LOXA135	4.65	2.33	2.74	5.15	5.75	1.07	12.00	37	NA	NA
Dissolved Oxygen	mg/L	Refuge	Rim	X0	4.74	1.81	3.20	5.23	6.16	1.12	7.86	46	NA	NA
Dissolved Oxygen	mg/L	Refuge	Rim	Z0	4.55	1.99	3.31	4.89	6.27	0.80	7.84	46	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Inflow	E0	3.13	1.70	1.85	2.76	4.35	0.22	7.01	49	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Inflow	F0	2.62	1.87	1.06	2.28	3.73	0.12	7.32	49	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Inflow	G335	4.41	1.61	3.12	4.36	5.57	0.78	8.69	255	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Inflow	S10A	5.55	2.02	3.56	5.75	7.27	2.10	8.84	38	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Inflow	S10C	5.73	1.75	4.34	5.94	7.24	2.18	8.72	41	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Inflow	S10D	5.12	2.02	3.37	5.41	6.47	1.64	9.05	72	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Inflow	S7	4.55	2.03	2.98	4.26	5.99	0.42	9.62	256	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	404C2	4.02	1.86	2.71	3.56	5.64	0.77	8.04	24	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	404Z1	6.72	NA	0.00	6.72	0.00	6.72	6.72	1	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	CA27	3.82	1.86	2.46	3.83	5.08	0.55	8.36	82	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	CA28	2.95	1.85	1.66	2.54	4.10	0.32	9.78	72	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Dissolved Oxygen	mg/L	WCA-2	Interior	CA29	4.83	2.07	3.19	4.59	6.14	0.99	9.71	85	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	E1	1.30	1.05	0.45	1.08	1.69	0.15	4.17	38	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	E2	0.97	0.78	0.37	0.77	1.38	0.08	3.25	26	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	E3	1.40	1.15	0.33	1.17	2.28	0.15	3.88	33	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	E4	1.88	1.48	0.66	1.26	2.99	0.26	5.10	39	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	E5	3.42	1.53	2.22	3.32	4.47	0.67	6.97	41	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	F1	2.59	1.96	0.97	2.01	3.78	0.08	7.60	106	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	F2	2.08	1.74	0.88	1.55	2.57	0.06	8.96	105	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	F3	2.01	1.56	0.91	1.77	2.80	0.21	6.83	38	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	F4	2.67	1.74	1.22	2.49	3.75	0.18	7.72	115	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	F5	3.34	1.55	2.39	3.18	4.43	0.52	7.88	39	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	N1	2.64	2.00	0.98	2.62	3.46	0.21	8.20	24	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	S145	4.34	1.52	3.22	4.14	5.26	1.51	8.61	88	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	U1	3.11	1.65	1.73	2.82	4.35	0.75	6.60	43	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	U2	4.22	1.58	2.92	3.60	5.52	2.23	7.96	39	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	U3	4.15	1.55	3.11	3.89	4.82	1.06	8.80	49	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	CA215	5.59	2.08	4.05	5.50	6.73	1.76	11.70	80	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	CA217	3.85	NA	0.00	3.85	0.00	3.85	3.85	1	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	CA222	4.52	NA	0.00	4.52	0.00	4.52	4.52	1	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Interior	CA224	1.95	NA	0.00	1.95	0.00	1.95	1.95	1	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Outflow	S11A	5.70	1.67	4.81	5.67	6.90	1.50	9.43	92	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Outflow	S11B	4.89	1.63	3.60	4.67	6.29	1.39	9.19	65	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Outflow	S11C	4.00	1.79	2.45	3.88	5.41	0.61	7.46	79	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Outflow	S34	5.22	1.80	3.76	5.52	6.56	0.69	9.03	85	NA	NA
Dissolved Oxygen	mg/L	WCA-2	Outflow	S38	3.25	1.53	2.13	3.05	3.93	1.03	8.38	92	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	3AW0	5.88	2.13	4.27	5.89	7.99	0.94	9.09	47	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	C123SR84	4.29	2.20	2.34	4.14	5.92	0.64	9.72	73	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	G123	3.18	1.49	1.85	3.32	4.25	0.29	7.17	177	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S11A	5.70	1.67	4.81	5.67	6.90	1.50	9.43	92	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S11B	4.89	1.63	3.60	4.67	6.29	1.39	9.19	65	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S11C	4.00	1.79	2.45	3.88	5.41	0.61	7.46	79	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S140	4.88	2.40	2.64	4.76	6.92	0.77	11.60	257	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Dissolved Oxygen	mg/L	WCA-3	Inflow	S142	4.39	1.48	3.38	4.08	5.31	1.44	8.93	71	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S150	4.69	2.00	3.16	4.15	6.20	0.68	9.72	186	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S151	4.03	1.56	2.70	3.81	4.91	1.52	8.77	81	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S190	6.17	2.36	4.17	6.55	8.14	0.85	10.70	221	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S8	5.34	1.96	3.93	5.58	6.83	0.42	11.40	231	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	S9	2.21	1.19	1.24	2.09	3.02	0.22	5.42	255	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	3AE0	5.52	2.56	3.16	5.65	7.38	1.37	10.73	16	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	G204	2.94	2.09	1.56	2.33	3.97	0.28	7.59	20	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	G205	3.38	2.23	1.50	2.54	5.47	0.36	7.47	20	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	G206	4.15	1.69	3.28	3.94	5.39	1.44	8.12	20	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Inflow	L3BRS	5.45	2.10	4.22	5.97	7.01	0.56	9.37	140	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3ANMESO	2.65	1.46	1.43	2.19	3.50	0.27	7.55	47	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3ASMESO	3.33	1.80	1.94	3.05	4.61	0.33	7.90	48	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA311	4.60	1.72	3.28	4.35	5.84	0.81	10.30	91	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA314	8.37	NA	0.00	8.37	0.00	8.37	8.37	1	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA315	3.60	1.88	2.11	3.37	4.79	0.58	11.30	102	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA316	2.96	1.64	1.66	2.61	3.72	0.26	8.16	93	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA317	5.35	2.23	3.85	5.20	6.61	0.52	13.10	107	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA318	2.91	1.81	1.46	2.68	4.21	0.22	10.20	102	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA319	7.04	NA	0.00	7.04	0.00	7.04	7.04	1	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA32	4.68	2.10	3.22	4.63	6.32	0.42	9.90	62	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA325	5.60	NA	0.00	5.60	0.00	5.60	5.60	1	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA33	3.57	1.62	2.29	3.60	4.73	1.09	7.91	57	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA34	3.92	1.75	2.74	3.72	4.84	0.91	9.44	66	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA35	3.84	1.63	2.76	3.71	4.98	1.24	7.50	43	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA36	3.09	2.30	1.32	2.66	3.88	0.33	10.00	48	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA38	3.20	1.51	2.09	2.87	4.02	0.79	7.70	67	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA3B1	8.52	NA	0.00	8.52	0.00	8.52	8.52	1	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	CA3B2	5.42	NA	0.00	5.42	0.00	5.42	5.42	1	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	S345B6	4.29	2.34	2.78	3.52	7.13	0.73	8.24	11	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AE05	1.47	1.10	0.55	1.17	2.18	0.33	3.74	10	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AE10	1.09	0.86	0.63	0.94	1.03	0.19	3.42	11	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Dissolved Oxygen	mg/L	WCA-3	Interior	3AE15	1.71	1.30	0.95	1.33	1.61	0.45	4.67	11	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AE20	2.62	1.36	1.69	2.42	3.15	0.97	5.45	14	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AE40	5.51	1.39	4.20	5.24	6.58	3.82	8.29	14	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AW05	1.50	1.40	0.43	1.04	2.48	0.39	4.49	10	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AW10	1.04	0.57	0.77	0.90	1.40	0.24	2.10	11	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AW15	2.02	1.90	0.47	1.26	3.80	0.11	5.58	10	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AW20	1.28	0.81	0.71	1.20	1.80	0.03	3.09	12	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Interior	3AW40	5.54	1.75	3.84	5.45	7.03	3.24	8.41	14	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S12A	4.55	1.63	3.46	4.20	5.37	1.67	13.80	175	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S12B	4.14	1.51	3.00	3.86	5.09	2.03	8.85	92	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S12C	3.97	1.67	2.63	3.84	5.12	0.94	9.32	153	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S12D	4.18	1.64	2.90	4.11	5.06	1.50	14.00	137	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S197	6.68	2.19	4.84	6.39	8.30	2.84	10.90	18	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S31	3.54	1.78	2.21	3.66	4.60	0.51	8.99	67	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S333	4.21	1.64	3.08	4.07	5.03	1.50	15.30	231	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S344	4.08	1.79	2.43	3.84	5.38	1.84	8.44	19	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S355A	6.60	1.76	5.34	6.22	7.56	4.15	14.30	39	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S355B	5.95	2.10	4.53	5.48	7.40	2.16	12.10	38	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	US41-25	3.22	1.41	2.41	2.90	3.59	1.03	8.57	106	NA	NA
Dissolved Oxygen	mg/L	WCA-3	Outflow	S334	5.18	1.88	3.93	5.71	6.61	0.20	8.10	44	NA	NA
Un-ionized Ammonia	µg/L	ENP	Inflow	S12A	0.70	0.88	0.17	0.36	0.65	0.07	4.40	38	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S12B	0.79	1.13	0.17	0.35	0.69	0.05	4.45	39	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S12C	0.86	1.12	0.22	0.44	0.89	0.03	6.40	91	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S12D	1.06	1.00	0.44	0.73	1.16	0.16	4.51	42	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S175	0.97	0.58	0.53	0.88	1.30	0.38	2.09	7	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S176	2.47	1.94	1.00	1.73	4.39	0.07	8.26	84	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S18C	1.00	0.65	0.66	0.90	1.03	0.25	4.05	47	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S332	1.72	1.96	0.76	0.97	2.43	0.54	5.68	6	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S332D	2.35	1.68	1.21	1.76	3.06	0.09	7.90	53	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S333	1.09	1.07	0.39	0.77	1.28	0.07	5.58	96	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S355A	1.19	0.99	0.31	1.07	2.19	0.21	2.41	4	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Inflow	S355B	0.45	0.33	0.14	0.45	0.77	0.10	0.80	4	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Un-ionized Ammonia	µg/L	ENP	Inflow	US41-25	0.58	0.41	0.21	0.59	0.89	0.05	1.69	41	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	EP	1.25	1.04	0.54	0.99	1.46	0.32	5.23	27	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	NE1	1.01	2.31	0.26	0.38	0.73	0.08	13.34	43	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	NP201	1.01	0.86	0.43	0.79	1.29	0.21	5.00	41	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	P33	1.48	2.78	0.40	0.60	1.26	0.09	16.84	49	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	P34	0.86	0.59	0.42	0.67	1.12	0.15	2.47	32	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	P35	0.68	0.96	0.14	0.38	0.78	0.07	4.06	27	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	P36	3.06	7.37	0.48	0.76	2.11	0.12	45.09	43	2.3 ± 3.8	MC
Un-ionized Ammonia	µg/L	ENP	Interior	P37	1.71	1.67	0.67	1.37	2.17	0.13	7.89	21	0 ± 0	NC
Un-ionized Ammonia	µg/L	ENP	Interior	TSB	0.53	0.70	0.13	0.28	0.60	0.05	3.20	28	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Inflow	ACME1DS	1.82	2.01	0.41	1.20	3.09	0.03	9.67	38	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Inflow	ENR012	4.28	3.80	1.64	3.11	5.42	0.02	18.39	124	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Inflow	G310	5.15	3.64	2.49	4.25	6.32	0.76	19.00	124	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Inflow	G94D	1.26	1.20	0.42	0.85	1.65	0.02	4.42	41	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Inflow	S362	5.45	6.81	1.46	3.11	6.20	0.36	50.49	97	3.1 ± 2.9	MC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX10	0.05	0.05	0.01	0.03	0.08	0.01	0.21	25	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX11	0.03	0.05	0.01	0.01	0.03	0.00	0.21	40	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX12	0.06	0.12	0.02	0.03	0.06	0.01	0.80	50	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX13	0.03	0.06	0.01	0.01	0.03	0.00	0.38	38	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX14	0.03	0.03	0.01	0.02	0.04	0.00	0.14	49	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX15	0.23	0.23	0.06	0.13	0.36	0.01	1.21	50	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX16	0.03	0.04	0.01	0.02	0.04	0.00	0.24	47	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX3	0.08	0.10	0.01	0.04	0.12	0.01	0.28	6	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX4	0.06	0.05	0.02	0.04	0.07	0.00	0.20	32	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX5	0.02	0.01	0.01	0.01	0.03	0.01	0.04	6	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX6	0.15	0.38	0.03	0.07	0.17	0.01	2.51	42	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX7	0.03	0.07	0.01	0.01	0.02	0.00	0.33	46	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX8	0.02	0.05	0.01	0.01	0.02	0.00	0.35	46	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOX9	0.03	0.02	0.01	0.02	0.03	0.00	0.08	23	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA101	0.08	0.04	0.05	0.08	0.12	0.05	0.13	4	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA103	0.04	0.03	0.01	0.03	0.07	0.01	0.07	3	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA105	0.05	0.02	0.03	0.05	0.06	0.03	0.06	3	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA106	0.02	0.01	0.01	0.02	0.02	0.01	0.02	3	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA107	0.03	NA	0.00	0.03	0.00	0.03	0.03	1	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA108	0.05	NA	0.00	0.05	0.00	0.05	0.05	1	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA124	0.02	0.01	0.00	0.01	0.03	0.00	0.03	5	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA130	0.03	0.04	0.01	0.01	0.03	0.01	0.11	7	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA136	0.02	NA	0.00	0.02	0.00	0.02	0.02	1	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA137	0.02	0.01	0.01	0.01	0.03	0.01	0.04	6	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA138	0.03	0.02	0.01	0.02	0.05	0.01	0.05	3	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA139	0.01	NA	0.00	0.01	0.00	0.01	0.01	1	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	LOXA140	0.08	0.02	0.00	0.08	0.00	0.06	0.10	2	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	WCA1MESO	0.24	0.40	0.03	0.07	0.22	0.00	1.42	46	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	X1	0.45	0.86	0.09	0.20	0.39	0.03	3.88	31	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	X2	0.04	0.03	0.01	0.03	0.05	0.01	0.14	39	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	X3	0.03	0.04	0.01	0.02	0.04	0.00	0.25	42	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	X4	0.11	0.28	0.02	0.04	0.07	0.00	1.64	46	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	Y4	0.06	0.09	0.01	0.03	0.06	0.00	0.49	45	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	Z1	0.25	0.31	0.06	0.15	0.32	0.01	1.76	41	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	Z2	0.10	0.09	0.02	0.08	0.13	0.01	0.31	41	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	Z3	0.12	0.19	0.01	0.05	0.11	0.00	0.94	47	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Interior	Z4	0.10	0.18	0.01	0.04	0.08	0.01	0.82	45	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Outflow	G94B	0.49	1.02	0.07	0.18	0.40	0.01	6.04	37	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Outflow	S10A	0.61	0.47	0.26	0.54	0.77	0.03	2.03	35	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Outflow	S10C	1.10	1.72	0.34	0.64	1.15	0.03	9.83	37	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Outflow	S10D	1.08	1.78	0.40	0.69	1.14	0.03	13.24	69	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Outflow	S39	0.55	0.50	0.14	0.41	0.68	0.02	2.12	49	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Rim	LOXA104	2.34	2.72	0.82	1.27	2.82	0.30	8.24	7	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Rim	LOXA135	3.32	4.56	0.41	0.89	7.71	0.07	11.70	8	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Rim	X0	0.76	0.64	0.33	0.61	0.96	0.03	3.08	45	0 ± 0	NC
Un-ionized Ammonia	µg/L	Refuge	Rim	Z0	0.74	0.66	0.28	0.42	1.09	0.06	2.91	45	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Inflow	E0	13.62	16.23	1.71	8.48	19.97	0.21	66.57	46	23.9 ± 10.3	C
Un-ionized Ammonia	µg/L	WCA-2	Inflow	F0	15.71	16.65	1.40	8.02	29.26	0.30	57.75	47	34 ± 11.4	C
Un-ionized Ammonia	µg/L	WCA-2	Inflow	G335	3.12	2.65	1.31	2.44	4.04	0.32	18.12	120	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Un-ionized Ammonia	µg/L	WCA-2	Inflow	S10A	0.61	0.47	0.26	0.54	0.77	0.03	2.03	35	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Inflow	S10C	1.10	1.72	0.34	0.64	1.15	0.03	9.83	37	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Inflow	S10D	1.08	1.78	0.40	0.69	1.14	0.03	13.24	69	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Inflow	S7	2.02	2.47	0.67	1.33	2.52	0.03	16.80	111	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	404C2	0.58	0.32	0.31	0.52	0.75	0.13	1.28	24	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	CA215	0.85	0.79	0.38	0.70	0.94	0.13	5.06	60	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	CA27	0.45	0.38	0.20	0.38	0.60	0.03	2.12	57	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	CA28	0.57	0.55	0.28	0.41	0.68	0.09	3.12	56	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	CA29	0.82	0.46	0.46	0.78	1.09	0.11	2.01	61	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	E1	0.52	0.87	0.15	0.23	0.41	0.05	4.12	32	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	E2	0.51	1.45	0.11	0.18	0.30	0.04	7.15	23	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	E3	0.27	0.19	0.14	0.21	0.35	0.06	1.02	28	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	E4	0.26	0.35	0.11	0.18	0.28	0.04	2.03	33	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	E5	0.69	0.72	0.29	0.52	0.66	0.14	3.43	35	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	F1	1.90	7.86	0.18	0.25	0.59	0.05	67.09	84	2.4 ± 2.7	MC
Un-ionized Ammonia	µg/L	WCA-2	Interior	F2	0.39	1.05	0.13	0.19	0.33	0.03	9.45	84	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	F3	0.59	1.27	0.18	0.26	0.48	0.08	7.53	35	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	F4	0.23	0.21	0.09	0.18	0.29	0.03	1.41	88	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	F5	0.91	0.97	0.24	0.47	1.29	0.06	3.70	35	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	N1	0.71	0.79	0.27	0.39	0.89	0.11	3.12	26	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	S145	1.17	1.50	0.34	0.67	1.33	0.03	7.42	51	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	U1	0.65	0.94	0.28	0.44	0.72	0.02	5.90	37	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	U2	0.93	0.91	0.42	0.63	1.13	0.18	4.39	34	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Interior	U3	1.52	2.28	0.50	0.77	1.11	0.22	10.43	45	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Outflow	S11A	1.47	1.25	0.73	1.00	1.74	0.13	5.59	55	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Outflow	S11B	0.99	1.10	0.42	0.77	1.24	0.04	6.67	63	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Outflow	S11C	0.97	1.29	0.34	0.67	1.12	0.02	9.29	76	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Outflow	S34	1.90	1.40	0.84	1.69	2.67	0.11	6.50	37	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-2	Outflow	S38	1.10	1.26	0.31	0.47	1.22	0.05	5.27	57	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	3AE0	0.74	0.38	0.46	0.64	1.07	0.11	1.44	16	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	3AW0	0.84	0.76	0.34	0.57	1.18	0.13	4.54	45	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	C123SR84	0.75	0.53	0.29	0.65	0.99	0.09	1.91	36	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Un-ionized Ammonia	µg/L	WCA-3	Inflow	G123	4.50	3.50	1.77	3.14	5.61	0.53	12.17	29	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	G204	0.75	NA	0.00	0.75	0.00	0.75	0.75	1	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	G205	0.32	NA	0.00	0.32	0.00	0.32	0.32	1	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	G206	0.26	NA	0.00	0.26	0.00	0.26	0.26	1	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	L3BRS	1.69	1.37	0.69	1.18	2.48	0.10	6.04	126	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S11A	1.47	1.25	0.73	1.00	1.74	0.13	5.59	55	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S11B	0.99	1.10	0.42	0.77	1.24	0.04	6.67	63	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S11C	0.97	1.29	0.34	0.67	1.12	0.02	9.29	76	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S140	1.45	1.28	0.68	1.17	1.91	0.01	6.51	47	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S142	2.45	2.69	0.70	1.34	3.26	0.42	11.38	28	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S150	2.32	3.08	0.89	1.28	2.39	0.03	18.84	87	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S151	2.04	1.37	0.70	1.84	2.98	0.23	5.46	35	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S190	0.53	0.45	0.24	0.39	0.64	0.04	2.17	41	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S8	1.94	1.58	0.79	1.72	2.56	0.13	8.46	83	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Inflow	S9	6.49	2.60	4.94	5.87	7.46	3.05	16.90	31	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AE05	0.18	0.14	0.10	0.14	0.27	0.04	0.51	10	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AE10	0.20	0.09	0.15	0.20	0.26	0.00	0.34	11	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AE15	0.21	0.08	0.16	0.19	0.29	0.10	0.35	10	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AE20	0.30	0.26	0.14	0.21	0.39	0.06	1.05	14	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AE40	0.63	0.43	0.37	0.46	0.79	0.07	1.63	14	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3ANMESO	0.27	0.38	0.10	0.17	0.28	0.02	2.43	44	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3ASMESO	0.48	1.12	0.10	0.19	0.38	0.02	7.34	45	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AW05	0.20	0.13	0.11	0.17	0.28	0.03	0.47	10	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AW10	0.11	0.08	0.04	0.09	0.18	0.02	0.28	10	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AW15	0.26	0.20	0.14	0.22	0.32	0.04	0.73	9	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AW20	0.34	0.38	0.11	0.24	0.38	0.03	1.42	12	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	3AW40	0.63	0.47	0.26	0.48	0.99	0.18	1.68	13	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA311	0.41	0.55	0.07	0.23	0.44	0.02	2.84	64	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA315	0.30	0.73	0.04	0.08	0.16	0.00	3.93	88	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA316	0.25	0.15	0.13	0.22	0.36	0.03	0.67	82	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA317	0.80	0.94	0.36	0.51	0.80	0.08	7.58	103	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA318	0.68	2.11	0.08	0.13	0.25	0.02	12.22	97	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA32	0.35	0.32	0.11	0.28	0.46	0.03	1.28	43	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA33	0.17	0.15	0.07	0.10	0.23	0.04	0.63	41	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA34	0.17	0.17	0.06	0.12	0.19	0.03	0.91	43	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA35	0.13	0.08	0.07	0.10	0.17	0.05	0.37	27	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA36	0.16	0.11	0.07	0.16	0.20	0.04	0.50	28	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Interior	CA38	0.17	0.21	0.06	0.11	0.18	0.02	1.20	43	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S12A	0.70	0.88	0.17	0.36	0.65	0.07	4.40	38	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S12B	0.79	1.13	0.17	0.35	0.69	0.05	4.45	39	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S12C	0.86	1.12	0.22	0.44	0.89	0.03	6.40	91	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S12D	1.06	1.00	0.44	0.73	1.16	0.16	4.51	42	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S197	1.54	1.70	0.44	0.68	3.50	0.44	3.50	3	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S31	2.31	1.62	0.95	1.92	3.50	0.17	6.42	31	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S333	1.09	1.07	0.39	0.77	1.28	0.07	5.58	96	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S334	2.50	1.71	1.54	2.08	2.91	0.31	7.63	15	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S344	0.30	0.20	0.18	0.21	0.50	0.18	0.59	4	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S355A	1.19	0.99	0.31	1.07	2.19	0.21	2.41	4	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	S355B	0.45	0.33	0.14	0.45	0.77	0.10	0.80	4	0 ± 0	NC
Un-ionized Ammonia	µg/L	WCA-3	Outflow	US41-25	0.58	0.41	0.21	0.59	0.89	0.05	1.69	41	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S12A	133.5	35.5	105.0	126.0	165.5	89.0	214.0	37	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S12B	129.0	30.8	100.0	129.0	159.3	79.0	184.0	38	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S12C	141.1	21.9	129.0	143.0	157.0	93.0	197.0	39	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S12D	169.3	35.5	141.5	171.0	187.8	88.0	243.0	42	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S175	179.8	10.0	170.3	179.0	189.0	168.0	195.0	6	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S176	211.5	16.2	200.0	211.5	220.0	175.0	258.0	32	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S18C	197.9	8.2	193.0	198.0	204.0	178.0	213.0	47	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S332	187.2	29.3	164.0	181.0	213.5	150.0	230.0	5	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S332D	211.4	9.0	208.3	212.5	218.0	190.0	222.0	12	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	S333	170.4	35.8	138.0	170.5	201.0	98.0	246.0	46	0 ± 0	NC
Alkalinity	mg/L	ENP	Inflow	US41-25	158.2	46.6	104.0	156.0	203.0	96.0	235.0	43	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	EP	153.1	17.8	140.5	151.0	168.3	116.0	187.0	28	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Alkalinity	mg/L	ENP	Interior	NE1	178.7	41.5	140.3	187.0	207.3	111.0	261.0	44	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	NP201	158.7	24.1	145.0	154.0	173.0	113.0	220.0	41	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	P33	181.6	34.6	152.0	185.5	207.3	106.0	277.0	50	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	P34	122.4	20.0	109.8	118.0	140.0	79.0	163.0	34	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	P35	143.1	27.3	121.5	149.0	162.3	71.0	191.0	28	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	P36	164.3	26.3	141.3	161.0	183.5	127.0	222.0	44	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	P37	97.7	14.9	88.8	95.5	107.5	72.0	128.0	22	0 ± 0	NC
Alkalinity	mg/L	ENP	Interior	TSB	167.4	43.3	144.5	183.0	199.8	1.0	211.0	36	2.8 ± 4.5	MC
Alkalinity	mg/L	Refuge	Inflow	ACME1DS	178.6	40.2	139.5	183.0	205.0	105.0	261.0	41	0 ± 0	NC
Alkalinity	mg/L	Refuge	Inflow	ENR012	252.9	45.7	221.8	242.0	289.5	153.0	367.0	130	0 ± 0	NC
Alkalinity	mg/L	Refuge	Inflow	G300	215.8	65.7	160.0	201.0	279.0	110.0	350.0	123	0 ± 0	NC
Alkalinity	mg/L	Refuge	Inflow	G301	228.9	69.4	169.0	226.0	290.8	102.0	369.0	124	0 ± 0	NC
Alkalinity	mg/L	Refuge	Inflow	G310	240.4	39.8	216.8	236.0	266.3	153.0	329.0	130	0 ± 0	NC
Alkalinity	mg/L	Refuge	Inflow	G94D	184.9	29.9	170.5	186.5	201.5	89.0	260.0	44	0 ± 0	NC
Alkalinity	mg/L	Refuge	Inflow	S362	186.9	44.0	149.5	183.0	218.3	108.0	290.0	118	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOX10	39.8	12.6	30.0	37.0	48.0	25.0	76.0	27	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOX11	11.6	4.1	9.0	11.0	14.0	5.0	24.0	45	93.3 ± 6.1	MC
Alkalinity	mg/L	Refuge	Interior	LOX12	42.3	16.2	30.0	38.0	52.0	22.0	106.0	56	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOX13	15.6	4.8	12.8	15.0	21.0	6.0	25.0	42	73.8 ± 11.2	MC
Alkalinity	mg/L	Refuge	Interior	LOX14	42.0	16.3	31.0	39.0	49.3	18.0	116.0	54	3.7 ± 4.2	MC
Alkalinity	mg/L	Refuge	Interior	LOX15	86.0	35.7	53.0	83.0	116.0	30.0	152.0	54	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOX16	43.8	22.4	30.0	40.0	52.0	13.0	130.0	51	7.8 ± 6.2	MC
Alkalinity	mg/L	Refuge	Interior	LOX3	9.1	1.2	8.0	10.0	10.0	7.0	10.0	7	100 ± 0	PC
Alkalinity	mg/L	Refuge	Interior	LOX4	75.7	33.3	52.5	69.5	94.5	10.0	165.0	32	3.1 ± 5.1	MC
Alkalinity	mg/L	Refuge	Interior	LOX5	8.3	1.3	8.0	8.0	9.0	6.0	11.0	9	100 ± 0	PC
Alkalinity	mg/L	Refuge	Interior	LOX6	52.5	22.1	34.0	46.0	65.5	14.0	110.0	45	2.2 ± 3.6	MC
Alkalinity	mg/L	Refuge	Interior	LOX7	14.3	9.3	10.0	12.0	15.0	7.0	69.0	49	87.8 ± 7.7	MC
Alkalinity	mg/L	Refuge	Interior	LOX8	10.3	4.2	8.0	9.0	11.8	6.0	22.0	52	92.3 ± 6.1	MC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Alkalinity	mg/L	Refuge	Interior	LOX9	16.0	3.9	13.0	14.0	18.5	12.0	25.0	25	76 ± 14	PC
Alkalinity	mg/L	Refuge	Interior	LOXA101	157.0	42.7	120.0	154.0	195.5	94.0	206.0	5	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA103	96.8	38.8	71.3	82.5	136.5	68.0	154.0	4	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA105	228.0	10.0	218.0	228.0	238.0	218.0	238.0	3	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA106	98.8	35.8	65.8	97.0	133.5	57.0	144.0	4	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA107	50.0	0.0	0.0	50.0	0.0	50.0	50.0	1	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA108	31.0	0.0	0.0	31.0	0.0	31.0	31.0	1	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA124	37.4	11.2	29.0	36.0	47.0	21.0	55.0	9	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA130	119.5	53.6	65.8	129.0	170.3	49.0	185.0	10	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA136	219.0	0.0	0.0	219.0	0.0	219.0	219.0	1	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA137	75.3	35.0	47.5	66.0	99.0	39.0	148.0	9	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA138	41.0	6.2	37.0	38.5	47.5	37.0	50.0	4	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA139	21.0	0.0	0.0	21.0	0.0	21.0	21.0	1	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	LOXA140	77.7	46.9	37.0	67.0	129.0	37.0	129.0	3	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	WCA1MESO	13.8	17.3	8.5	10.0	14.0	4.5	129.0	51	86.3 ± 7.9	MC
Alkalinity	mg/L	Refuge	Interior	X1	156.2	67.7	87.0	171.0	210.0	46.0	252.0	35	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	X2	76.7	49.9	42.3	57.3	102.8	26.0	228.0	44	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	X3	39.4	16.5	26.0	38.0	50.0	17.0	80.0	47	14.9 ± 8.5	MC
Alkalinity	mg/L	Refuge	Interior	X4	34.9	11.6	27.0	32.0	39.0	13.0	69.0	51	3.9 ± 4.5	MC
Alkalinity	mg/L	Refuge	Interior	Y4	35.7	10.8	27.0	34.3	41.3	14.0	61.0	50	4 ± 4.6	MC
Alkalinity	mg/L	Refuge	Interior	Z1	171.1	60.8	111.0	184.5	209.5	59.0	268.0	44	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	Z2	109.9	58.2	57.0	106.0	144.3	25.0	238.0	45	0 ± 0	NC
Alkalinity	mg/L	Refuge	Interior	Z3	47.2	19.2	32.0	45.0	63.0	14.0	95.0	51	3.9 ± 4.5	MC
Alkalinity	mg/L	Refuge	Interior	Z4	36.2	11.4	27.9	36.0	42.0	15.0	63.0	50	6 ± 5.5	MC
Alkalinity	mg/L	Refuge	Outflow	G94B	140.5	44.8	116.0	139.0	162.5	51.0	241.0	37	0 ± 0	NC
Alkalinity	mg/L	Refuge	Outflow	S10A	117.2	48.4	72.3	112.0	144.0	51.0	225.0	36	0 ± 0	NC
Alkalinity	mg/L	Refuge	Outflow	S10C	127.7	51.9	86.0	118.0	162.0	52.0	246.0	39	0 ± 0	NC
Alkalinity	mg/L	Refuge	Outflow	S10D	164.1	56.4	118.0	154.0	207.0	57.0	281.0	71	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Alkalinity	mg/L	Refuge	Outflow	S39	129.9	51.8	85.0	125.0	175.5	49.0	235.0	45	0 ± 0	NC
Alkalinity	mg/L	Refuge	Rim	LOXA104	261.8	26.5	238.5	262.0	282.5	221.0	315.0	13	0 ± 0	NC
Alkalinity	mg/L	Refuge	Rim	LOXA135	201.0	53.9	146.0	200.0	237.0	133.0	298.0	13	0 ± 0	NC
Alkalinity	mg/L	Refuge	Rim	X0	182.5	61.5	130.0	170.0	240.0	73.0	313.0	51	0 ± 0	NC
Alkalinity	mg/L	Refuge	Rim	Z0	180.0	59.4	133.0	166.0	237.0	73.0	301.0	51	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Inflow	E0	229.9	86.8	164.5	220.5	293.0	61.0	382.0	48	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Inflow	F0	247.6	92.6	179.0	244.0	332.0	72.0	391.0	47	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Inflow	G335	309.1	47.8	277.8	316.0	342.5	176.0	414.0	130	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Inflow	S10A	117.2	48.4	72.3	112.0	144.0	51.0	225.0	36	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Inflow	S10C	127.7	51.9	86.0	118.0	162.0	52.0	246.0	39	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Inflow	S10D	164.1	56.4	118.0	154.0	207.0	57.0	281.0	71	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Inflow	S7	236.7	40.5	211.0	243.0	262.0	128.0	390.0	118	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	404C2	257.7	44.4	225.5	265.0	301.0	129.0	323.0	25	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	CA215	201.0	28.8	181.0	198.0	220.0	144.0	293.0	63	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	CA27	264.6	44.8	232.0	259.5	293.0	152.0	360.0	60	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	CA28	279.2	43.6	248.0	280.0	304.0	201.0	376.0	59	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	CA29	229.4	33.8	203.0	225.5	251.8	159.0	323.0	64	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	E1	225.8	60.9	186.0	230.0	278.1	85.0	337.0	36	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	E2	200.5	53.5	148.0	193.0	241.0	91.0	284.0	25	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	E3	211.0	55.7	175.3	209.5	252.0	104.5	351.0	32	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	E4	192.6	51.5	155.0	184.0	231.0	86.0	288.0	37	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	E5	181.5	35.8	160.5	175.0	212.0	94.0	241.5	41	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	F1	263.5	86.3	207.1	242.5	309.0	109.0	538.0	90	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	F2	240.1	64.4	194.0	232.0	278.5	108.0	426.0	93	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	F3	253.3	69.4	205.4	238.5	294.5	143.0	422.0	38	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	F4	210.2	50.4	180.0	199.5	245.3	107.0	360.0	98	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	F5	226.1	41.5	199.4	220.5	252.0	154.0	312.5	40	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	N1	267.4	36.0	238.3	269.0	291.3	200.0	330.0	26	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Alkalinity	mg/L	WCA-2	Interior	S145	185.6	33.8	160.0	178.0	216.0	126.0	250.0	55	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	U1	169.8	28.7	154.0	173.0	193.0	98.0	225.0	43	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	U2	199.3	35.9	170.1	194.0	228.8	130.0	260.0	40	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Interior	U3	210.3	35.5	181.3	204.5	224.3	168.0	364.0	50	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Outflow	S11A	220.0	36.6	193.8	223.0	247.8	130.0	286.0	58	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Outflow	S11B	205.4	37.6	172.0	203.0	233.5	127.0	289.0	66	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Outflow	S11C	221.4	34.6	199.0	221.0	245.0	126.0	312.0	79	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Outflow	S34	229.2	39.0	194.0	234.0	262.0	144.0	295.0	39	0 ± 0	NC
Alkalinity	mg/L	WCA-2	Outflow	S38	170.9	39.6	139.5	168.5	197.0	86.0	270.0	60	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	3AE0	181.8	39.1	142.0	197.5	207.0	113.0	236.0	17	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	3AW0	174.5	36.8	145.0	185.0	201.5	97.0	238.0	49	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	C123SR84	217.1	56.6	168.5	207.0	246.0	141.0	352.0	37	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	G123	274.1	46.2	240.5	300.5	311.3	184.0	317.0	30	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	L3BRS	203.2	40.6	172.0	202.0	235.0	117.0	279.0	131	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S11A	220.0	36.6	193.8	223.0	247.8	130.0	286.0	58	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S11B	205.4	37.6	172.0	203.0	233.5	127.0	289.0	66	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S11C	221.4	34.6	199.0	221.0	245.0	126.0	312.0	79	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S140	193.1	41.2	153.0	199.0	230.0	118.0	249.0	47	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S142	230.3	36.3	193.8	229.5	263.5	154.0	283.0	30	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S150	227.2	39.4	201.0	237.0	254.5	126.0	315.0	93	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S151	231.2	28.9	208.5	230.0	252.0	179.0	290.0	36	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S190	183.1	41.7	146.5	187.0	211.0	113.0	267.0	33	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S8	198.8	41.8	171.0	199.0	235.0	107.0	279.0	91	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Inflow	S9	261.9	20.0	247.0	265.0	278.0	215.0	288.0	31	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AE05	173.7	35.9	136.3	184.5	202.3	108.0	214.0	10	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AE10	172.7	34.7	139.0	180.0	205.0	113.0	213.0	11	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AE15	178.9	23.7	160.0	176.0	206.0	142.5	213.0	11	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AE20	174.5	25.2	151.0	171.0	205.4	144.0	210.0	14	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Alkalinity	mg/L	WCA-3	Interior	3AE40	156.9	17.2	143.0	158.5	166.8	131.0	186.0	14	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3ANMESO	147.7	25.0	126.8	148.0	165.0	95.0	209.0	48	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3ASMESO	145.4	24.4	123.1	144.5	159.8	102.0	188.0	48	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AW05	175.4	37.4	136.8	184.0	205.8	111.0	224.0	10	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AW10	175.9	37.4	139.0	184.0	216.0	110.0	217.0	11	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AW15	172.0	24.7	149.0	174.0	198.5	136.0	205.0	12	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AW20	165.5	27.4	139.3	167.0	183.4	127.0	210.0	12	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	3AW40	160.1	23.7	140.5	157.0	177.8	122.0	203.0	16	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA311	141.9	22.3	125.5	142.0	159.3	99.0	196.0	66	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA315	143.6	31.0	120.5	147.0	164.5	74.0	228.0	89	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA316	222.5	33.1	197.8	222.5	245.5	146.0	303.0	84	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA317	185.6	24.4	167.5	184.0	200.5	139.0	258.0	105	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA318	194.2	27.0	181.0	198.0	210.0	120.0	251.0	99	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA32	177.5	43.9	144.5	180.0	216.0	108.0	294.0	44	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA33	164.1	43.2	128.5	161.0	182.5	103.0	277.0	44	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA34	165.6	26.4	145.5	162.0	186.5	117.0	215.0	45	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA35	139.7	27.1	119.3	138.0	155.8	94.0	198.0	28	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA36	195.9	29.4	174.8	189.5	211.8	146.0	286.0	30	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Interior	CA38	128.4	17.1	116.0	127.5	137.5	86.0	171.0	44	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S12A	133.5	35.5	105.0	126.0	165.5	89.0	214.0	37	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S12B	129.0	30.8	100.0	129.0	159.3	79.0	184.0	38	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S12C	141.1	21.9	129.0	143.0	157.0	93.0	197.0	39	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S12D	169.3	35.5	141.5	171.0	187.8	88.0	243.0	42	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S197	165.0	20.7	142.0	171.0	182.0	142.0	182.0	3	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S31	233.8	24.3	208.0	239.0	250.0	196.0	281.0	31	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S333	170.4	35.8	138.0	170.5	201.0	98.0	246.0	46	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S334	208.0	32.0	176.0	208.0	240.0	176.0	240.0	3	0 ± 0	NC
Alkalinity	mg/L	WCA-3	Outflow	S344	105.8	33.8	85.5	91.0	140.8	85.0	156.0	4	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Alkalinity	mg/L	WCA-3	Outflow	US41-25	158.2	46.6	104.0	156.0	203.0	96.0	235.0	43	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S12A	110.3	50.2	77.5	98.0	151.0	46.0	196.0	9	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S12B	105.8	34.2	80.5	91.0	137.0	69.0	170.0	9	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S12C	136.0	55.6	94.0	112.0	206.0	70.0	212.0	7	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S12D	145.6	122.9	68.8	110.5	178.5	24.0	423.0	8	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S175	307.0	123.0	0.0	307.0	0.0	220.0	394.0	2	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S176	269.5	126.4	157.0	263.0	392.0	102.0	464.0	10	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S18C	147.9	121.5	24.0	199.0	274.0	11.0	283.0	9	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S332	277.0	48.1	0.0	277.0	0.0	243.0	311.0	2	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S332D	310.6	84.6	239.0	314.5	405.3	166.0	420.0	10	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	S333	105.1	87.9	61.0	71.0	126.8	20.0	334.0	10	0 ± 0	NC
Total Iron	µg/L	ENP	Inflow	US41-25	212.5	14.8	0.0	212.5	0.0	202.0	223.0	2	0 ± 0	NC
Total Iron	µg/L	Refuge	Inflow	ACME1DS	197.0	78.5	111.3	215.0	257.5	86.0	301.0	8	0 ± 0	NC
Total Iron	µg/L	Refuge	Inflow	ENR012	48.0	4.2	0.0	48.0	0.0	45.0	51.0	2	0 ± 0	NC
Total Iron	µg/L	Refuge	Inflow	G310	39.5	31.8	0.0	39.5	0.0	17.0	62.0	2	0 ± 0	NC
Total Iron	µg/L	Refuge	Inflow	G94D	419.3	273.8	119.0	463.0	697.0	67.0	749.0	10	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX10	25.1	7.8	17.0	24.0	33.5	16.0	35.0	8	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX11	62.4	36.2	39.0	54.0	69.0	21.0	160.0	15	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX12	13.8	7.1	7.8	13.0	19.3	5.0	31.0	18	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX13	75.9	36.9	41.0	77.5	101.5	26.0	150.0	14	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX14	42.9	29.5	28.8	34.5	40.5	18.0	132.0	18	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX15	4.4	3.3	1.5	3.5	6.3	1.5	13.0	18	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX16	87.4	43.3	57.0	88.0	109.0	37.0	165.0	15	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX3	74.0	27.7	58.0	58.0	106.0	58.0	106.0	3	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX4	42.0	20.1	27.0	37.5	57.0	17.0	86.0	12	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX5	76.3	33.3	39.0	87.0	103.0	39.0	103.0	3	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX6	83.3	78.8	38.0	62.0	101.0	16.0	334.0	15	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX7	75.4	32.3	48.5	72.0	92.8	36.0	150.0	16	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Total Iron	µg/L	Refuge	Interior	LOX8	32.9	15.3	22.3	28.0	43.8	17.0	73.0	16	0 ± 0	NC
Total Iron	µg/L	Refuge	Interior	LOX9	28.3	11.1	20.0	28.0	35.0	11.0	46.0	7	0 ± 0	NC
Total Iron	µg/L	Refuge	Outflow	G94B	177.3	208.7	47.0	67.0	418.0	47.0	418.0	3	0 ± 0	NC
Total Iron	µg/L	Refuge	Outflow	S10A	25.0	20.8	11.0	22.0	30.5	6.0	94.0	21	0 ± 0	NC
Total Iron	µg/L	Refuge	Outflow	S10C	24.4	37.8	7.0	17.0	24.0	4.0	184.0	21	0 ± 0	NC
Total Iron	µg/L	Refuge	Outflow	S10D	52.9	111.8	13.0	19.0	34.0	7.0	525.0	21	0 ± 0	NC
Total Iron	µg/L	Refuge	Outflow	S39	38.2	7.1	33.0	38.0	43.5	28.0	48.0	5	0 ± 0	NC
Total Iron	µg/L	WCA-2	Inflow	S10A	25.0	20.8	11.0	22.0	30.5	6.0	94.0	21	0 ± 0	NC
Total Iron	µg/L	WCA-2	Inflow	S10C	24.4	37.8	7.0	17.0	24.0	4.0	184.0	21	0 ± 0	NC
Total Iron	µg/L	WCA-2	Inflow	S10D	52.9	111.8	13.0	19.0	34.0	7.0	525.0	21	0 ± 0	NC
Total Iron	µg/L	WCA-2	Inflow	S7	33.0	14.6	22.0	31.0	37.0	18.0	82.0	21	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	CA215	9.2	4.2	5.5	9.0	11.3	4.0	18.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	CA27	8.2	2.9	5.0	9.0	10.3	4.0	13.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	CA28	19.9	7.8	14.8	16.5	27.5	11.0	33.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	CA29	12.0	6.3	8.0	10.0	14.0	6.0	28.0	11	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	F1	16.1	12.6	8.0	13.0	21.0	5.0	48.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	F2	17.1	10.7	6.8	15.5	26.0	5.0	36.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	F4	7.3	4.2	4.3	6.0	8.8	4.0	19.0	12	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	S145	7.0	2.6	4.0	8.0	9.0	4.0	9.0	3	0 ± 0	NC
Total Iron	µg/L	WCA-2	Interior	U3	14.3	4.7	9.0	16.0	18.0	9.0	18.0	3	0 ± 0	NC
Total Iron	µg/L	WCA-2	Outflow	S11A	21.0	13.9	12.0	14.0	37.0	12.0	37.0	3	0 ± 0	NC
Total Iron	µg/L	WCA-2	Outflow	S11B	23.6	19.9	10.0	17.5	31.0	7.0	91.0	20	0 ± 0	NC
Total Iron	µg/L	WCA-2	Outflow	S11C	23.0	13.5	13.3	20.5	28.3	8.0	63.0	20	0 ± 0	NC
Total Iron	µg/L	WCA-2	Outflow	S38	12.0	1.7	10.0	13.0	13.0	10.0	13.0	3	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	G123	167.8	115.9	66.5	133.0	298.0	29.0	346.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	G204	548.0	0.0	0.0	548.0	0.0	548.0	548.0	1	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	G205	93.0	0.0	0.0	93.0	0.0	93.0	93.0	1	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	G206	38.0	0.0	0.0	38.0	0.0	38.0	38.0	1	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Total Iron	µg/L	WCA-3	Inflow	L3BRS	199.5	117.5	116.5	169.0	242.5	69.0	469.0	21	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S11A	21.0	13.9	12.0	14.0	37.0	12.0	37.0	3	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S11B	23.6	19.9	10.0	17.5	31.0	7.0	91.0	20	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S11C	23.0	13.5	13.3	20.5	28.3	8.0	63.0	20	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S140	141.2	104.0	76.5	95.0	245.5	23.0	312.0	9	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S150	34.8	11.4	22.3	36.5	43.8	17.0	60.0	20	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S190	130.7	124.1	55.5	70.0	214.0	39.0	380.0	9	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S8	82.4	57.4	42.5	63.5	142.5	14.0	208.0	22	0 ± 0	NC
Total Iron	µg/L	WCA-3	Inflow	S9	384.7	184.6	248.0	397.0	540.0	78.0	657.0	9	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA311	144.1	83.1	84.3	138.5	176.0	46.0	345.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA315	207.3	154.2	73.8	145.5	367.8	42.0	494.0	16	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA316	5.5	2.9	4.0	5.0	8.0	1.5	10.0	15	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA317	6.2	3.3	4.0	5.5	9.0	1.5	12.0	18	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA318	23.3	24.4	6.0	13.0	29.0	6.0	89.0	17	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA32	39.6	24.3	19.8	37.0	55.8	11.0	86.0	8	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA33	92.1	60.3	47.0	81.0	135.0	37.0	207.0	7	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA34	64.3	45.9	24.0	57.5	92.3	14.0	152.0	8	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA35	132.6	32.6	109.5	119.0	162.5	108.0	187.0	5	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA36	128.7	78.6	72.0	121.0	181.0	29.0	269.0	7	0 ± 0	NC
Total Iron	µg/L	WCA-3	Interior	CA38	153.9	80.0	102.5	113.5	246.3	52.0	255.0	8	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	S12A	110.3	50.2	77.5	98.0	151.0	46.0	196.0	9	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	S12B	105.8	34.2	80.5	91.0	137.0	69.0	170.0	9	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	S12C	136.0	55.6	94.0	112.0	206.0	70.0	212.0	7	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	S12D	145.6	122.9	68.8	110.5	178.5	24.0	423.0	8	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	S333	105.1	87.9	61.0	71.0	126.8	20.0	334.0	10	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	S334	287.0	36.6	249.0	290.0	322.0	249.0	322.0	3	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	S344	147.3	93.3	78.3	117.5	246.0	78.0	276.0	4	0 ± 0	NC
Total Iron	µg/L	WCA-3	Outflow	US41-25	212.5	14.8	0.0	212.5	0.0	202.0	223.0	2	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
pH, Field	Units	ENP	Inflow	S12A	7.3	0.2	7.2	7.3	7.4	7.0	8.1	174	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S12B	7.3	0.2	7.1	7.2	7.4	6.9	8.1	94	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S12C	7.3	0.2	7.2	7.3	7.4	6.8	7.8	158	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S12D	7.4	0.1	7.3	7.3	7.4	7.0	7.8	137	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S175	7.3	0.2	7.2	7.3	7.6	7.1	7.8	16	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S176	7.5	0.2	7.3	7.5	7.6	6.9	8.1	94	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S18C	7.6	0.4	7.3	7.5	8.0	6.6	8.2	250	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S332	7.3	0.2	7.1	7.2	7.4	7.0	7.8	16	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S332D	7.4	0.3	7.2	7.3	7.6	6.6	8.1	118	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S333	7.4	0.2	7.3	7.4	7.5	6.9	7.9	235	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S355A	7.7	0.3	7.5	7.6	7.8	7.2	8.5	39	0 ± 0	NC
pH, Field	Units	ENP	Inflow	S355B	7.5	0.4	7.2	7.4	7.9	6.9	8.5	38	0 ± 0	NC
pH, Field	Units	ENP	Inflow	US41-25	7.2	0.2	7.1	7.2	7.3	6.7	7.8	105	0 ± 0	NC
pH, Field	Units	ENP	Interior	EP	7.9	0.2	7.8	7.9	8.0	7.5	8.4	40	0 ± 0	NC
pH, Field	Units	ENP	Interior	NE1	7.5	0.2	7.3	7.4	7.6	7.1	8.0	53	0 ± 0	NC
pH, Field	Units	ENP	Interior	NP201	7.8	0.2	7.6	7.7	7.9	7.3	8.2	46	0 ± 0	NC
pH, Field	Units	ENP	Interior	P33	7.5	0.2	7.4	7.5	7.6	7.0	8.1	53	0 ± 0	NC
pH, Field	Units	ENP	Interior	P34	7.8	0.2	7.7	7.8	8.0	7.3	8.3	42	0 ± 0	NC
pH, Field	Units	ENP	Interior	P35	7.5	0.2	7.3	7.5	7.7	7.1	7.9	36	0 ± 0	NC
pH, Field	Units	ENP	Interior	P36	7.5	0.2	7.4	7.5	7.6	7.2	8.0	52	0 ± 0	NC
pH, Field	Units	ENP	Interior	P37	7.9	0.3	7.7	8.0	8.1	7.1	8.5	33	0 ± 0	NC
pH, Field	Units	ENP	Interior	S12C10	7.1	0.2	6.9	7.1	7.3	6.8	7.3	8	0 ± 0	NC
pH, Field	Units	ENP	Interior	S12C2	7.5	0.2	7.4	7.6	7.6	7.1	7.6	5	0 ± 0	NC
pH, Field	Units	ENP	Interior	S12C6	7.5	0.3	7.2	7.7	7.8	7.1	7.9	5	0 ± 0	NC
pH, Field	Units	ENP	Interior	T24	7.6	0.2	7.5	7.5	7.7	7.4	7.8	5	0 ± 0	NC
pH, Field	Units	ENP	Interior	T33	7.2	0.2	7.2	7.2	7.3	6.8	7.4	7	0 ± 0	NC
pH, Field	Units	ENP	Interior	TSB	7.5	0.2	7.4	7.5	7.6	7.2	8.4	39	0 ± 0	NC
pH, Field	Units	Refuge	Inflow	ACME1DS	7.4	0.3	7.3	7.4	7.6	6.9	8.1	41	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
pH, Field	Units	Refuge	Inflow	ENR012	7.4	0.2	7.3	7.4	7.5	5.2	8.7	257	0.8 ± 0.9	MC
pH, Field	Units	Refuge	Inflow	G300	7.6	0.3	7.4	7.6	7.8	6.8	9.3	227	0.4 ± 0.7	MC
pH, Field	Units	Refuge	Inflow	G301	7.6	0.3	7.4	7.6	7.8	6.6	8.4	229	0 ± 0	NC
pH, Field	Units	Refuge	Inflow	G310	7.7	0.2	7.5	7.6	7.8	6.9	8.4	257	0 ± 0	NC
pH, Field	Units	Refuge	Inflow	G94D	7.3	0.3	7.1	7.2	7.4	6.6	7.9	44	0 ± 0	NC
pH, Field	Units	Refuge	Inflow	S362	7.8	0.3	7.6	7.8	8.0	7.1	8.7	258	0.4 ± 0.6	MC
pH, Field	Units	Refuge	Interior	LOX10	6.7	0.3	6.5	6.6	6.9	6.2	7.9	44	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOX11	6.4	0.5	6.1	6.3	6.6	5.6	8.1	53	13.2 ± 7.6	MC
pH, Field	Units	Refuge	Interior	LOX12	6.9	0.4	6.6	6.8	7.1	6.2	8.3	56	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOX13	6.4	0.4	6.2	6.4	6.6	5.9	7.9	50	8 ± 6.3	MC
pH, Field	Units	Refuge	Interior	LOX14	6.7	0.3	6.5	6.7	6.8	5.9	7.7	55	1.8 ± 3	MC
pH, Field	Units	Refuge	Interior	LOX15	7.1	0.3	7.0	7.1	7.4	6.2	7.6	54	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOX16	6.6	0.3	6.4	6.6	6.7	5.8	7.7	54	3.7 ± 4.2	MC
pH, Field	Units	Refuge	Interior	LOX3	6.4	0.4	6.1	6.3	6.7	5.8	7.6	31	6.5 ± 7.3	MC
pH, Field	Units	Refuge	Interior	LOX4	6.7	0.3	6.5	6.8	6.9	6.2	7.8	46	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOX5	6.3	0.4	6.1	6.2	6.4	5.9	7.8	35	8.6 ± 7.8	MC
pH, Field	Units	Refuge	Interior	LOX6	6.9	0.4	6.6	6.9	7.1	6.4	8.1	52	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOX7	6.4	0.4	6.1	6.3	6.5	5.8	7.8	51	3.9 ± 4.5	MC
pH, Field	Units	Refuge	Interior	LOX8	6.3	0.4	6.1	6.2	6.5	5.8	7.8	53	7.5 ± 6	MC
pH, Field	Units	Refuge	Interior	LOX9	6.4	0.3	6.2	6.4	6.6	6.0	7.8	44	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA101	7.0	0.2	6.9	7.0	7.2	6.8	7.3	8	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA103	6.8	0.3	6.6	6.8	7.1	6.4	7.2	8	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA105	6.9	0.2	6.8	7.0	7.1	6.5	7.3	33	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA106	6.8	0.3	6.7	6.9	7.0	6.2	7.3	31	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA107	6.6	0.2	6.4	6.6	6.8	6.2	7.0	23	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA108	6.4	0.3	6.3	6.4	6.7	5.8	7.1	27	7.4 ± 8.3	PC
pH, Field	Units	Refuge	Interior	LOXA124	6.4	0.3	6.2	6.3	6.7	5.9	7.0	12	8.3 ± 13.1	PC
pH, Field	Units	Refuge	Interior	LOXA130	6.8	0.2	6.5	6.9	6.9	6.4	7.0	12	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
pH, Field	Units	Refuge	Interior	LOXA136	6.7	0.3	6.6	6.7	6.9	6.1	7.2	29	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA137	6.6	0.3	6.4	6.7	6.8	5.8	7.1	36	2.8 ± 4.5	MC
pH, Field	Units	Refuge	Interior	LOXA138	6.7	0.4	6.4	6.7	6.9	6.0	7.9	32	0 ± 0	NC
pH, Field	Units	Refuge	Interior	LOXA139	6.5	0.4	6.3	6.5	6.7	5.9	7.9	28	3.6 ± 5.8	MC
pH, Field	Units	Refuge	Interior	LOXA140	7.0	0.2	6.8	7.0	7.2	6.7	7.4	9	0 ± 0	NC
pH, Field	Units	Refuge	Interior	WCA1MESO	6.6	0.5	6.2	6.5	6.7	5.4	7.8	49	8.2 ± 6.4	MC
pH, Field	Units	Refuge	Interior	X1	6.8	0.3	6.7	6.8	7.0	6.0	7.3	34	0 ± 0	NC
pH, Field	Units	Refuge	Interior	X2	6.5	0.3	6.3	6.5	6.8	5.7	7.2	42	4.8 ± 5.4	MC
pH, Field	Units	Refuge	Interior	X3	6.4	0.4	6.1	6.4	6.6	5.4	7.3	45	11.1 ± 7.7	MC
pH, Field	Units	Refuge	Interior	X4	6.5	0.4	6.3	6.5	6.7	5.8	7.8	50	4 ± 4.6	MC
pH, Field	Units	Refuge	Interior	Y4	6.5	0.4	6.2	6.4	6.7	5.5	7.6	49	6.1 ± 5.6	MC
pH, Field	Units	Refuge	Interior	Z1	6.9	0.3	6.7	7.0	7.1	6.1	7.4	44	0 ± 0	NC
pH, Field	Units	Refuge	Interior	Z2	6.8	0.3	6.5	6.8	7.0	5.8	7.3	44	2.3 ± 3.7	MC
pH, Field	Units	Refuge	Interior	Z3	6.7	0.4	6.4	6.6	7.0	5.7	7.5	50	4 ± 4.6	MC
pH, Field	Units	Refuge	Interior	Z4	6.7	0.4	6.4	6.5	7.0	5.9	8.0	49	4.1 ± 4.6	MC
pH, Field	Units	Refuge	Outflow	G94B	7.2	0.3	7.1	7.2	7.3	6.4	8.0	64	0 ± 0	NC
pH, Field	Units	Refuge	Outflow	S10A	7.6	0.3	7.3	7.6	7.7	7.0	8.1	38	0 ± 0	NC
pH, Field	Units	Refuge	Outflow	S10C	7.7	0.3	7.5	7.6	7.9	6.7	8.2	41	0 ± 0	NC
pH, Field	Units	Refuge	Outflow	S10D	7.6	0.3	7.4	7.5	7.8	6.8	8.1	73	0 ± 0	NC
pH, Field	Units	Refuge	Outflow	S39	7.6	0.4	7.3	7.6	7.8	6.8	8.5	76	0 ± 0	NC
pH, Field	Units	Refuge	Rim	LOXA104	7.6	0.2	7.5	7.6	7.7	7.0	8.0	41	0 ± 0	NC
pH, Field	Units	Refuge	Rim	LOXA135	7.5	0.3	7.3	7.4	7.6	7.0	8.1	40	0 ± 0	NC
pH, Field	Units	Refuge	Rim	X0	7.5	0.3	7.2	7.5	7.6	6.9	7.9	48	0 ± 0	NC
pH, Field	Units	Refuge	Rim	Z0	7.4	0.3	7.3	7.5	7.6	6.8	7.9	48	0 ± 0	NC
pH, Field	Units	WCA-2	Inflow	E0	7.5	0.2	7.3	7.5	7.6	7.0	8.4	48	2.1 ± 3.4	MC
pH, Field	Units	WCA-2	Inflow	F0	7.4	0.3	7.3	7.4	7.6	7.0	8.2	49	2 ± 3.3	MC
pH, Field	Units	WCA-2	Inflow	G335	7.6	0.2	7.5	7.6	7.8	7.0	8.4	256	0 ± 0	NC
pH, Field	Units	WCA-2	Inflow	S10A	7.6	0.3	7.3	7.6	7.7	7.0	8.1	38	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
pH, Field	Units	WCA-2	Inflow	S10C	7.7	0.3	7.5	7.6	7.9	6.7	8.2	41	0 ± 0	NC
pH, Field	Units	WCA-2	Inflow	S10D	7.6	0.3	7.4	7.5	7.8	6.8	8.1	73	0 ± 0	NC
pH, Field	Units	WCA-2	Inflow	S7	7.6	0.2	7.5	7.6	7.8	6.7	8.2	259	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	404C2	7.4	0.2	7.3	7.4	7.6	7.0	7.7	26	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	404Z1	7.6	0.0	0.0	7.6	0.0	7.6	7.6	1	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	CA215	7.6	0.2	7.5	7.6	7.8	7.0	8.2	81	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	CA217	7.6	0.0	0.0	7.6	0.0	7.6	7.6	1	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	CA222	7.8	0.0	0.0	7.8	0.0	7.8	7.8	1	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	CA224	7.4	0.0	0.0	7.4	0.0	7.4	7.4	1	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	CA27	7.4	0.2	7.3	7.4	7.5	6.5	7.8	82	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	CA28	7.4	0.2	7.3	7.4	7.5	6.8	7.8	73	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	CA29	7.6	0.2	7.5	7.6	7.7	7.1	8.1	86	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	E1	7.2	0.2	7.0	7.2	7.3	6.8	7.5	37	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	E2	7.1	0.2	7.0	7.1	7.2	6.7	7.5	26	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	E3	7.2	0.2	7.0	7.2	7.3	6.8	7.6	33	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	E4	7.1	0.2	7.0	7.1	7.2	6.7	7.5	39	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	E5	7.3	0.2	7.2	7.3	7.5	6.8	7.7	41	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	F1	7.3	0.3	7.1	7.3	7.5	6.6	8.1	105	1 ± 1.6	MC
pH, Field	Units	WCA-2	Interior	F2	7.2	0.2	7.1	7.2	7.4	6.5	7.8	103	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	F3	7.2	0.2	7.1	7.2	7.3	6.8	7.7	38	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	F4	7.2	0.2	7.1	7.2	7.3	6.5	7.6	115	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	F5	7.4	0.3	7.3	7.4	7.5	6.3	7.8	39	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	N1	7.4	0.2	7.2	7.4	7.5	6.9	8.0	28	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	S145	7.6	0.2	7.4	7.6	7.7	7.0	8.1	88	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	U1	7.3	0.3	7.2	7.3	7.4	6.3	7.8	43	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	U2	7.4	0.2	7.3	7.4	7.6	7.0	7.9	39	0 ± 0	NC
pH, Field	Units	WCA-2	Interior	U3	7.5	0.2	7.4	7.5	7.6	6.6	7.8	49	0 ± 0	NC
pH, Field	Units	WCA-2	Outflow	S11A	7.8	0.3	7.6	7.7	7.9	6.8	8.4	92	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
pH, Field	Units	WCA-2	Outflow	S11B	7.6	0.3	7.5	7.6	7.8	6.5	8.2	67	0 ± 0	NC
pH, Field	Units	WCA-2	Outflow	S11C	7.6	0.2	7.5	7.6	7.7	6.8	8.1	81	0 ± 0	NC
pH, Field	Units	WCA-2	Outflow	S34	7.6	0.3	7.4	7.6	7.9	6.2	8.2	85	0 ± 0	NC
pH, Field	Units	WCA-2	Outflow	S38	7.4	0.2	7.3	7.4	7.6	7.0	8.1	94	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	3AE0	7.6	0.6	7.2	7.6	8.1	6.1	8.5	17	47.1 ± 19.9	PC
pH, Field	Units	WCA-3	Inflow	3AW0	7.7	0.4	7.3	7.9	8.1	6.8	8.4	48	35.4 ± 11.4	MC
pH, Field	Units	WCA-3	Inflow	C123SR84	7.5	0.3	7.3	7.4	7.6	6.8	8.1	72	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	G123	7.4	0.2	7.2	7.4	7.5	6.7	8.7	179	0.6 ± 0.9	MC
pH, Field	Units	WCA-3	Inflow	G204	7.3	0.3	7.0	7.2	7.5	6.8	7.8	20	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	G205	7.3	0.4	7.0	7.2	7.7	6.4	8.1	20	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	G206	7.3	0.5	7.1	7.3	7.6	6.1	8.0	20	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	L3BRS	7.6	0.3	7.4	7.6	7.7	6.7	8.3	141	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S11A	7.8	0.3	7.6	7.7	7.9	6.8	8.4	92	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S11B	7.6	0.3	7.5	7.6	7.8	6.5	8.2	67	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S11C	7.6	0.2	7.5	7.6	7.7	6.8	8.1	81	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S140	7.6	0.4	7.4	7.6	7.8	6.4	8.4	259	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S142	7.6	0.2	7.5	7.6	7.8	6.9	8.1	71	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S150	7.7	0.2	7.5	7.6	7.9	6.9	8.2	189	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S151	7.5	0.2	7.4	7.5	7.6	6.8	8.3	83	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S190	7.6	0.4	7.3	7.6	7.9	6.8	8.7	223	0.4 ± 0.7	MC
pH, Field	Units	WCA-3	Inflow	S8	7.5	0.3	7.2	7.5	7.7	6.6	8.5	234	0 ± 0	NC
pH, Field	Units	WCA-3	Inflow	S9	7.3	0.2	7.2	7.3	7.4	6.4	8.1	259	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AE05	7.1	0.1	7.0	7.1	7.2	6.9	7.2	10	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AE10	6.9	0.7	7.0	7.1	7.1	4.7	7.2	11	9.1 ± 14.3	PC
pH, Field	Units	WCA-3	Interior	3AE15	7.2	0.1	7.1	7.1	7.3	7.0	7.5	11	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AE20	7.2	0.2	7.1	7.2	7.4	7.0	7.6	14	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AE40	7.5	0.2	7.4	7.5	7.6	7.2	7.8	14	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3ANMESO	7.2	0.2	7.0	7.1	7.3	6.7	7.8	48	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
pH, Field	Units	WCA-3	Interior	3ASMESO	7.2	0.3	7.0	7.2	7.3	6.6	7.9	49	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AW05	7.1	0.1	7.0	7.1	7.2	7.0	7.2	10	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AW10	7.1	0.1	7.0	7.1	7.1	6.9	7.2	10	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AW15	7.1	0.1	7.0	7.1	7.2	6.9	7.3	11	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AW20	7.2	0.1	7.0	7.2	7.3	7.0	7.4	12	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	3AW40	7.5	0.2	7.3	7.6	7.7	7.0	7.8	15	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA311	7.3	0.2	7.2	7.3	7.5	6.8	7.9	92	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA314	7.7	0.0	0.0	7.7	0.0	7.7	7.7	1	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA315	7.1	0.3	6.9	7.1	7.3	6.4	7.8	103	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA316	7.3	0.2	7.2	7.3	7.4	6.8	7.8	93	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA317	7.6	0.3	7.4	7.6	7.8	6.9	8.2	108	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA318	7.2	0.2	7.1	7.2	7.4	6.6	7.8	103	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA319	7.5	0.0	0.0	7.5	0.0	7.5	7.5	1	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA32	7.4	0.3	7.3	7.4	7.6	6.4	7.8	62	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA325	7.5	0.0	0.0	7.5	0.0	7.5	7.5	1	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA33	7.2	0.2	7.1	7.2	7.4	6.7	7.8	56	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA34	7.2	0.2	7.1	7.2	7.4	6.8	7.7	66	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA35	7.2	0.2	7.1	7.2	7.4	6.8	7.7	43	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA36	7.2	0.2	7.1	7.2	7.3	6.8	7.7	49	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA38	7.2	0.2	7.1	7.2	7.3	6.7	7.7	67	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA3B1	7.8	0.0	0.0	7.8	0.0	7.8	7.8	1	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	CA3B2	7.3	0.0	0.0	7.3	0.0	7.3	7.3	1	0 ± 0	NC
pH, Field	Units	WCA-3	Interior	S345B6	7.2	0.2	7.1	7.2	7.3	6.7	7.4	11	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S12A	7.3	0.2	7.2	7.3	7.4	7.0	8.1	174	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S12B	7.3	0.2	7.1	7.2	7.4	6.9	8.1	94	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S12C	7.3	0.2	7.2	7.3	7.4	6.8	7.8	158	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S12D	7.4	0.1	7.3	7.3	7.4	7.0	7.8	137	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S197	7.6	0.4	7.2	7.7	8.0	6.9	8.2	19	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
pH, Field	Units	WCA-3	Outflow	S31	7.5	0.2	7.3	7.5	7.6	7.0	8.0	69	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S333	7.4	0.2	7.3	7.4	7.5	6.9	7.9	235	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S334	7.5	0.3	7.3	7.6	7.7	7.0	8.0	46	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S344	7.3	0.3	7.1	7.3	7.4	6.9	7.9	19	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S355A	7.7	0.3	7.5	7.6	7.8	7.2	8.5	39	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	S355B	7.5	0.4	7.2	7.4	7.9	6.9	8.5	38	0 ± 0	NC
pH, Field	Units	WCA-3	Outflow	US41-25	7.2	0.2	7.1	7.2	7.3	6.7	7.8	105	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S12A	401.9	146.6	296.7	359.5	450.0	208.0	874.0	176	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S12B	388.3	116.6	309.3	362.0	450.5	199.0	701.0	94	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S12C	440.1	118.3	343.0	420.0	518.5	210.0	781.0	157	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S12D	579.0	139.9	507.5	599.0	674.5	214.0	835.0	138	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S175	513.8	85.2	448.0	497.0	557.2	410.0	721.0	15	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S176	549.3	43.8	524.0	537.0	586.0	467.0	701.0	91	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S18C	548.1	49.5	523.0	541.0	562.0	434.0	880.0	246	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S332	510.3	87.4	444.0	489.7	569.1	394.0	665.0	15	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S332D	548.1	46.9	522.0	537.0	574.0	466.0	703.0	115	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S333	558.1	159.2	414.0	592.5	685.5	213.0	847.0	234	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S355A	455.8	125.7	362.0	452.0	541.0	214.0	687.0	39	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	S355B	437.0	133.2	334.8	426.5	512.8	205.0	683.0	38	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Inflow	US41-25	393.0	98.2	321.0	409.0	462.5	218.0	676.0	105	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	EP	507.5	102.8	434.0	488.0	548.5	324.0	868.0	41	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	NE1	525.5	184.0	376.5	537.0	680.0	0.5	784.0	53	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	NP201	514.6	193.0	411.0	521.0	601.0	0.6	1166.0	47	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	P33	557.0	177.5	436.5	599.5	676.8	0.6	890.0	54	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	P34	330.3	112.9	260.0	309.0	400.0	0.3	604.0	43	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	P35	485.7	161.2	384.5	442.0	548.0	269.0	980.0	37	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	P36	481.2	152.3	392.3	476.0	591.5	0.6	766.0	52	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	P37	296.7	83.9	237.5	285.0	354.0	167.0	516.0	34	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
SP Conductivity Field	µmhos/cm	ENP	Interior	S12C10	592.4	80.0	506.3	610.5	648.5	496.4	717.9	8	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	S12C2	478.4	74.7	412.8	464.8	550.8	388.0	580.8	5	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	S12C6	501.7	112.5	410.1	502.9	592.8	381.6	681.2	5	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	T24	335.3	55.6	291.5	309.3	392.2	279.3	415.5	5	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	T33	379.9	72.5	326.5	375.9	444.2	276.2	482.2	7	0 ± 0	NC
SP Conductivity Field	µmhos/cm	ENP	Interior	TSB	445.3	81.5	408.3	475.5	494.0	218.0	556.0	40	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Inflow	ACME1DS	686.4	163.7	565.5	660.0	801.0	361.0	1121.0	41	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Inflow	ENR012	1004.9	185.4	865.6	987.0	1140.8	432.9	1438.0	258	8.1 ± 2.8	MC
SP Conductivity Field	µmhos/cm	Refuge	Inflow	G300	865.6	275.0	653.3	802.6	1101.0	378.7	1564.0	228	10.1 ± 3.3	MC
SP Conductivity Field	µmhos/cm	Refuge	Inflow	G301	916.5	298.8	683.5	854.1	1155.5	347.7	1683.0	230	13.5 ± 3.7	MC
SP Conductivity Field	µmhos/cm	Refuge	Inflow	G310	1041.5	156.4	926.3	1026.0	1131.3	553.0	1455.0	258	10.1 ± 3.1	MC
SP Conductivity Field	µmhos/cm	Refuge	Inflow	G94D	609.8	158.2	518.0	572.5	676.5	297.0	1116.0	44	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Inflow	S362	918.6	261.8	727.0	873.0	1068.0	338.8	1524.0	259	13.5 ± 3.5	MC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX10	149.3	51.4	115.9	133.4	163.2	94.1	351.7	42	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX11	111.6	35.1	85.7	102.6	126.0	57.3	203.0	48	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX12	172.2	60.8	125.1	164.4	210.0	79.7	398.0	51	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX13	112.3	26.1	98.3	110.0	128.5	63.5	172.4	45	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX14	192.8	74.0	142.3	182.3	216.3	110.1	502.0	49	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX15	359.4	158.5	217.6	334.4	477.2	136.4	674.8	50	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX16	188.4	91.5	126.5	170.7	231.0	87.0	559.0	50	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX3	107.1	22.9	89.6	107.0	129.2	63.5	157.9	31	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX4	311.1	131.3	206.7	261.2	409.5	140.1	685.0	43	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX5	105.9	20.9	87.7	109.9	117.7	61.2	155.0	34	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX6	243.0	105.5	152.0	231.2	291.2	100.3	502.9	47	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX7	119.9	35.7	91.8	113.4	137.9	65.9	210.1	48	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX8	112.4	36.6	87.3	103.3	132.0	57.8	216.0	50	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOX9	123.2	33.1	101.2	121.6	139.4	49.0	209.0	42	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA101	576.8	166.4	446.0	566.4	747.1	318.0	802.0	8	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA103	319.7	155.1	221.9	293.0	336.2	166.2	676.0	8	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA105	568.3	256.9	358.0	484.0	813.0	195.0	979.0	33	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA106	361.7	190.1	196.7	309.0	465.0	150.0	796.0	31	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA107	186.7	80.3	143.0	176.0	200.0	111.0	524.2	23	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA108	141.8	40.5	110.8	136.5	163.0	74.7	244.0	26	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA124	179.0	53.5	125.1	184.6	219.4	99.3	268.0	12	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA130	522.7	249.7	231.9	592.9	749.1	171.0	851.7	12	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA136	417.6	221.5	211.5	343.0	581.2	159.0	934.0	29	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA137	290.6	168.1	153.9	234.0	405.9	104.0	743.0	34	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA138	194.9	98.4	123.2	158.5	255.3	85.0	460.0	30	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA139	102.2	22.9	85.1	104.3	119.5	43.0	141.9	26	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	LOXA140	302.9	145.3	177.1	276.4	364.6	158.2	604.0	8	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	WCA1MESO	111.6	47.7	84.9	98.1	135.6	38.0	246.6	49	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	X1	618.8	312.0	298.4	699.2	867.7	88.0	1123.0	34	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	X2	300.1	207.0	144.1	206.5	431.7	82.9	821.2	42	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	X3	158.6	67.2	99.9	143.8	196.8	68.0	334.6	45	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	X4	145.4	63.1	104.9	126.9	161.3	63.5	363.9	50	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	Y4	141.8	48.1	107.0	137.4	162.2	65.1	286.3	49	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	Z1	668.6	278.2	436.6	737.7	877.0	137.1	1130.0	44	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	Z2	390.7	221.2	196.5	373.7	578.0	91.1	852.5	44	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	Z3	175.7	74.9	113.8	165.0	230.0	67.5	407.8	50	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Interior	Z4	146.4	48.3	108.5	148.6	169.2	67.4	275.2	49	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Outflow	G94B	517.7	197.0	355.8	544.0	645.0	191.6	1001.0	64	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Outflow	S10A	526.8	237.2	361.5	477.5	655.2	212.0	1044.0	38	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Outflow	S10C	577.1	253.3	357.5	533.0	739.5	202.6	1103.0	41	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Outflow	S10D	710.3	252.9	492.5	712.0	913.5	220.1	1217.0	73	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Outflow	S39	509.5	213.7	321.5	473.0	611.8	189.0	1034.0	76	0 ± 0	NC
SP Conductivity Field	µmhos/cm	Refuge	Rim	LOXA104	851.6	247.4	661.0	896.0	1075.5	303.0	1354.0	41	2.4 ± 4	MC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
SP Conductivity Field	µmhos/cm	Refuge	Rim	LOXA135	780.0	192.8	651.0	754.0	908.0	455.2	1315.0	39	2.6 ± 4.2	MC
SP Conductivity Field	µmhos/cm	Refuge	Rim	X0	750.9	287.4	486.3	756.8	1015.0	212.8	1331.0	48	2.1 ± 3.4	MC
SP Conductivity Field	µmhos/cm	Refuge	Rim	Z0	731.2	289.6	463.9	747.1	1012.6	107.9	1284.0	48	2.1 ± 3.4	MC
SP Conductivity Field	µmhos/cm	WCA-2	Inflow	E0	824.5	284.4	622.8	811.6	1048.3	213.4	1486.0	48	4.2 ± 4.7	MC
SP Conductivity Field	µmhos/cm	WCA-2	Inflow	F0	841.7	277.7	664.2	849.6	1074.5	247.5	1360.0	49	4.1 ± 4.6	MC
SP Conductivity Field	µmhos/cm	WCA-2	Inflow	G335	1202.5	161.8	1097.5	1221.5	1283.8	684.0	1612.0	260	28.1 ± 4.6	MC
SP Conductivity Field	µmhos/cm	WCA-2	Inflow	S10A	526.8	237.2	361.5	477.5	655.2	212.0	1044.0	38	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Inflow	S10C	577.1	253.3	357.5	533.0	739.5	202.6	1103.0	41	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Inflow	S10D	710.3	252.9	492.5	712.0	913.5	220.1	1217.0	73	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Inflow	S7	869.4	145.8	761.0	874.0	979.0	469.0	1290.0	259	0.4 ± 0.6	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	404C2	1063.4	172.8	939.9	1120.0	1198.5	538.0	1345.0	25	4 ± 6.4	PC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	404Z1	1048.0	0.0	0.0	1048.0	0.0	1048.0	1048.0	1	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	CA215	874.4	193.0	718.3	852.5	977.0	493.0	1497.0	82	3.7 ± 3.4	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	CA217	705.0	0.0	0.0	705.0	0.0	705.0	705.0	1	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	CA224	758.0	0.0	0.0	758.0	0.0	758.0	758.0	1	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	CA27	1080.7	202.2	974.8	1057.0	1214.3	448.0	1507.0	82	22 ± 7.5	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	CA28	1061.9	196.3	925.5	1105.0	1187.5	458.0	1423.0	73	9.6 ± 5.7	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	CA29	1051.0	200.3	917.8	1050.0	1150.3	578.0	1599.0	86	12.8 ± 5.9	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	E1	980.4	310.9	774.4	949.0	1133.0	289.9	1836.0	37	18.9 ± 10.6	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	E2	792.0	251.4	635.7	820.2	996.5	138.7	1269.0	26	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	E3	862.9	242.3	723.6	824.9	994.0	383.9	1381.0	33	6.1 ± 6.8	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	E4	783.2	249.4	625.4	789.0	957.4	222.4	1210.0	39	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	E5	761.8	201.7	644.5	774.8	895.2	297.8	1194.0	40	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	F1	1216.3	494.2	863.7	1092.5	1399.5	324.4	2753.0	106	34.9 ± 7.6	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	F2	1022.2	318.1	798.9	976.0	1197.5	347.9	1787.0	105	21 ± 6.5	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	F3	1015.3	289.2	824.2	913.3	1155.0	565.8	1681.0	38	21.1 ± 10.9	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	F4	842.1	225.3	702.8	836.0	999.3	131.7	1345.0	116	0.9 ± 1.4	MC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	F5	870.5	187.9	718.4	881.1	1006.5	529.6	1270.0	39	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
SP Conductivity Field	µmhos/cm	WCA-2	Interior	N1	1083.3	121.7	993.0	1101.0	1203.0	825.0	1232.0	27	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	S145	714.6	180.9	572.5	724.0	844.0	373.0	1098.0	89	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	U1	709.2	191.7	601.9	738.6	838.2	183.3	1186.0	42	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	U2	807.4	201.7	662.5	834.0	949.2	210.6	1192.0	39	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Interior	U3	836.1	214.1	702.7	863.0	947.0	214.7	1520.5	49	4.1 ± 4.6	MC
SP Conductivity Field	µmhos/cm	WCA-2	Outflow	S11A	819.4	155.0	707.0	814.0	935.5	487.0	1164.0	93	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Outflow	S11B	818.8	156.1	700.0	816.5	916.5	472.0	1147.0	66	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Outflow	S11C	853.1	152.6	739.3	861.0	926.3	466.0	1241.0	80	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Outflow	S34	749.6	161.6	610.5	734.5	840.0	470.0	1188.0	86	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-2	Outflow	S38	639.5	193.8	484.0	640.0	748.0	7.2	1123.0	95	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	3AE0	421.9	76.1	346.5	448.4	483.3	284.1	523.4	17	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	3AW0	426.0	72.2	369.6	443.1	483.0	285.9	554.2	48	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	C123SR84	614.8	120.0	517.5	614.0	690.0	384.0	933.0	73	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	G123	865.4	94.2	818.3	885.5	924.8	522.0	1159.0	180	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	G204	645.3	232.3	477.7	711.5	793.3	133.4	1041.0	20	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	G205	673.1	246.0	573.9	719.0	839.0	169.5	1014.0	19	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	G206	610.4	312.1	277.0	750.0	843.0	117.0	1006.0	19	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	L3BRS	634.3	147.1	538.0	636.5	727.5	330.7	1018.0	142	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S11A	819.4	155.0	707.0	814.0	935.5	487.0	1164.0	93	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S11B	818.8	156.1	700.0	816.5	916.5	472.0	1147.0	66	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S11C	853.1	152.6	739.3	861.0	926.3	466.0	1241.0	80	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S140	659.9	187.9	510.3	670.5	795.0	257.0	1172.0	260	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S142	840.8	147.7	740.5	838.0	937.5	517.0	1159.0	72	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S150	839.8	186.2	725.5	875.0	984.0	344.0	1295.0	189	0.5 ± 0.9	MC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S151	752.7	80.2	700.0	757.0	807.0	525.0	943.0	83	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S190	512.7	74.2	475.0	513.0	558.0	252.3	845.0	223	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S8	703.4	162.7	579.6	696.0	827.5	351.0	1020.0	234	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Inflow	S9	770.3	58.8	743.0	793.0	811.0	550.0	863.0	259	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AE05	390.3	62.5	324.8	397.9	445.2	291.3	478.2	10	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AE10	400.8	66.0	321.0	409.0	469.0	298.3	470.5	11	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AE15	392.9	54.3	356.0	375.5	448.2	312.6	482.6	11	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AE20	406.4	79.2	348.8	392.2	469.6	315.5	602.0	14	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AE40	373.1	56.6	344.5	364.6	420.6	246.4	442.1	14	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3ANMESO	392.2	86.0	326.4	389.1	439.7	190.2	629.2	48	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3ASMESO	364.7	78.6	306.5	356.6	424.1	179.0	583.2	49	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AW05	393.4	69.6	325.2	397.4	454.8	285.0	494.6	10	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AW10	399.9	65.7	327.0	419.2	452.0	306.7	500.7	11	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AW15	389.2	51.6	354.0	391.5	432.0	303.6	469.0	11	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AW20	373.4	64.8	317.3	362.7	417.7	293.7	492.2	12	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	3AW40	374.9	81.3	346.0	357.1	449.8	204.0	521.3	15	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA311	433.6	94.4	376.0	422.5	487.3	276.0	693.0	90	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA314	509.0	0.0	0.0	509.0	0.0	509.0	509.0	1	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA315	412.8	101.6	340.4	410.0	485.0	212.0	666.0	101	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA316	791.5	129.6	695.0	817.0	877.0	434.0	1030.0	93	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA317	720.9	99.3	649.5	725.0	781.3	517.0	1072.0	106	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA318	629.9	119.8	593.5	647.0	695.0	24.0	900.5	102	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA319	381.0	0.0	0.0	381.0	0.0	381.0	381.0	1	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA32	579.3	179.7	445.0	570.0	715.0	286.0	1074.0	63	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA325	540.0	0.0	0.0	540.0	0.0	540.0	540.0	1	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA33	532.4	175.9	398.6	515.0	617.5	258.8	1029.0	57	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA34	518.9	111.8	433.8	512.0	603.0	300.0	767.0	65	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA35	443.3	123.2	346.8	402.0	528.3	251.9	809.0	42	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA36	668.7	136.7	557.3	665.5	757.8	457.0	1012.0	48	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA38	392.4	83.7	331.8	374.5	465.8	235.0	584.0	66	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA3B1	523.0	0.0	0.0	523.0	0.0	523.0	523.0	1	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Interior	CA3B2	615.0	0.0	0.0	615.0	0.0	615.0	615.0	1	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
SP Conductivity Field	µmhos/cm	WCA-3	Interior	S345B6	598.6	89.2	529.5	624.8	647.0	433.3	761.3	11	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S12A	401.9	146.6	296.7	359.5	450.0	208.0	874.0	176	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S12B	388.3	116.6	309.3	362.0	450.5	199.0	701.0	94	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S12C	440.1	118.3	343.0	420.0	518.5	210.0	781.0	157	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S12D	579.0	139.9	507.5	599.0	674.5	214.0	835.0	138	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S197	643.5	268.9	499.5	549.5	659.0	389.0	1472.0	18	5.6 ± 8.9	PC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S31	734.4	61.7	696.5	732.0	756.0	633.0	975.0	69	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S333	558.1	159.2	414.0	592.5	685.5	213.0	847.0	234	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S334	548.1	92.2	486.3	557.5	608.0	356.0	729.0	44	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S344	312.1	80.5	242.0	312.0	383.0	178.0	445.0	18	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S355A	455.8	125.7	362.0	452.0	541.0	214.0	687.0	39	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	S355B	437.0	133.2	334.8	426.5	512.8	205.0	683.0	38	0 ± 0	NC
SP Conductivity Field	µmhos/cm	WCA-3	Outflow	US41-25	393.0	98.2	321.0	409.0	462.5	218.0	676.0	105	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S12A	1.8	1.9	0.7	1.1	2.2	0.5	9.3	48	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S12B	1.5	1.2	0.7	1.1	1.7	0.5	4.8	38	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S12C	1.4	0.9	0.9	1.1	1.5	0.6	5.1	39	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S12D	2.1	2.0	1.1	1.3	2.3	0.8	12.8	42	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S175	1.7	0.8	1.1	1.4	2.1	0.7	3.0	7	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S176	1.5	0.5	1.1	1.5	1.9	0.8	3.0	35	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S18C	1.8	2.3	0.9	1.1	1.8	0.5	15.7	59	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S332	1.4	0.5	1.1	1.2	1.8	1.0	2.4	6	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S332D	1.5	0.6	1.1	1.3	2.0	0.5	3.0	54	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S333	1.9	1.3	1.0	1.4	2.4	0.5	6.9	57	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S355A	2.3	2.5	1.1	1.3	2.3	0.4	10.2	15	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	S355B	3.3	3.7	1.0	1.2	5.5	0.5	11.3	15	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Inflow	US41-25	1.8	1.4	0.8	1.2	2.3	0.5	6.2	54	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	EP	0.9	0.8	0.4	0.8	1.0	0.3	4.4	28	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	NE1	1.2	0.8	0.6	0.9	1.6	0.4	3.8	44	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	NP201	1.4	1.5	0.6	1.0	1.6	0.4	7.5	41	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	P33	1.6	1.8	0.6	1.0	1.9	0.4	10.4	50	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	P34	1.0	0.5	0.6	0.8	1.2	0.4	2.6	34	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	P35	1.1	0.5	0.8	1.0	1.1	0.5	2.4	28	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	P36	2.8	4.0	1.0	1.7	2.8	0.5	24.6	44	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	P37	1.0	0.5	0.6	0.9	1.2	0.5	2.6	22	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	ENP	Interior	TSB	0.9	0.7	0.5	0.7	1.2	0.1	2.8	37	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Inflow	ACME1DS	4.4	2.8	2.6	3.5	5.8	1.2	12.5	41	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Inflow	ENR012	4.4	4.1	2.1	2.8	5.2	1.0	17.9	67	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Inflow	G300	10.5	4.5	7.4	7.9	15.0	7.1	17.5	5	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Inflow	G310	4.5	3.7	2.5	3.3	5.1	1.0	20.1	67	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Inflow	G94D	5.8	5.2	2.8	4.5	6.8	0.9	34.7	44	2.3 ± 3.7	MC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX10	0.7	0.1	0.6	0.7	0.8	0.5	1.0	27	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX11	0.7	0.3	0.6	0.7	0.8	0.4	2.2	44	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX12	0.7	0.2	0.5	0.6	0.7	0.3	1.6	55	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX13	0.8	0.3	0.6	0.7	0.8	0.4	2.5	42	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX14	0.6	0.2	0.5	0.6	0.6	0.3	1.2	53	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX15	0.7	0.3	0.5	0.6	0.8	0.3	2.6	53	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX16	0.6	0.2	0.5	0.6	0.7	0.3	1.2	49	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX3	1.0	0.3	0.7	1.0	1.0	0.6	1.6	7	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX4	0.7	0.2	0.5	0.6	0.9	0.4	1.1	33	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX5	1.1	0.4	0.8	1.1	1.3	0.7	2.0	9	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX6	0.6	0.2	0.5	0.6	0.8	0.4	1.1	45	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX7	0.8	0.3	0.7	0.8	0.9	0.6	2.4	49	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX8	0.9	0.4	0.7	0.8	1.1	0.5	2.8	52	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOX9	0.8	0.2	0.6	0.8	0.9	0.4	1.2	25	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA101	0.8	0.3	0.6	0.8	1.1	0.5	1.1	5	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA103	0.7	0.3	0.5	0.7	1.0	0.4	1.1	4	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA105	0.8	0.1	0.7	0.8	0.8	0.7	0.8	3	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA106	0.9	0.4	0.5	1.0	1.1	0.3	1.1	4	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA107	1.4	0.0	0.0	1.4	0.0	1.4	1.4	1	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA108	3.2	0.0	0.0	3.2	0.0	3.2	3.2	1	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA124	0.6	0.2	0.5	0.6	0.8	0.4	1.0	9	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA130	0.9	0.5	0.5	0.9	1.1	0.5	2.2	10	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA136	4.2	0.0	0.0	4.2	0.0	4.2	4.2	1	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA137	0.8	0.4	0.6	0.7	1.1	0.4	1.8	9	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA138	1.0	0.4	0.7	0.8	1.4	0.6	1.6	4	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA139	1.5	0.0	0.0	1.5	0.0	1.5	1.5	1	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Interior	LOXA140	0.8	0.5	0.4	0.8	1.3	0.4	1.3	3	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Outflow	G94B	3.3	3.2	1.7	2.5	3.8	1.0	20.6	64	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Outflow	S10A	2.3	3.4	1.0	1.5	2.3	0.7	18.1	25	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Outflow	S10C	2.0	1.7	0.9	1.2	2.7	0.6	8.2	28	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Outflow	S10D	4.7	7.4	1.2	2.4	5.7	0.7	51.0	59	1.7 ± 2.8	MC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Outflow	S39	1.9	1.4	1.0	1.4	2.6	0.6	9.4	76	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Rim	LOXA104	5.6	3.4	2.7	5.8	7.3	2.2	13.0	13	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	Refuge	Rim	LOXA135	7.7	4.3	3.5	7.2	12.3	2.3	13.8	13	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Inflow	G335	1.5	0.7	1.0	1.2	1.8	0.5	4.2	67	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Inflow	S10A	2.3	3.4	1.0	1.5	2.3	0.7	18.1	25	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Inflow	S10C	2.0	1.7	0.9	1.2	2.7	0.6	8.2	28	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Inflow	S10D	4.7	7.4	1.2	2.4	5.7	0.7	51.0	59	1.7 ± 2.8	MC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Inflow	S7	2.4	1.6	1.3	2.0	3.0	0.1	9.8	116	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	CA215	0.8	0.3	0.6	0.7	0.9	0.4	2.1	63	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	CA27	0.8	0.3	0.6	0.7	0.9	0.4	1.6	60	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	CA28	1.3	1.0	0.8	1.0	1.4	0.5	5.6	59	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	CA29	0.7	0.2	0.5	0.7	0.9	0.4	1.2	64	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	F1	1.7	1.4	0.8	1.2	2.0	0.4	8.9	52	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	F2	2.0	2.4	0.7	1.0	2.4	0.5	13.7	54	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	F4	0.7	0.3	0.5	0.6	0.8	0.3	1.6	59	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	S145	1.5	1.1	0.8	1.1	1.8	0.4	5.4	89	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Interior	U3	0.6	0.3	0.4	0.7	0.7	0.2	1.1	10	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Outflow	S11A	2.1	1.4	1.1	1.6	2.6	0.6	8.0	94	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Outflow	S11B	2.5	2.3	1.1	1.8	3.1	0.5	15.9	66	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Outflow	S11C	2.3	2.0	1.1	1.6	3.0	0.3	14.1	80	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Outflow	S34	1.9	1.0	1.1	1.6	2.6	0.7	5.6	86	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-2	Outflow	S38	1.4	0.9	0.8	1.1	1.5	0.5	4.7	95	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	C123SR84	3.3	2.6	1.6	2.7	3.8	0.9	14.6	72	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	G123	1.8	1.0	1.1	1.6	2.2	0.6	7.0	61	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	L3BRS	5.4	6.5	2.4	3.7	5.9	1.0	60.4	131	0.8 ± 1.3	MC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S11A	2.1	1.4	1.1	1.6	2.6	0.6	8.0	94	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S11B	2.5	2.3	1.1	1.8	3.1	0.5	15.9	66	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S11C	2.3	2.0	1.1	1.6	3.0	0.3	14.1	80	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S140	2.8	1.4	1.8	2.4	3.6	0.3	7.2	95	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S142	2.5	1.4	1.2	2.3	3.4	0.5	6.3	70	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S150	2.0	1.1	1.1	1.7	2.4	0.8	6.9	94	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S151	2.2	1.4	1.2	1.7	2.9	0.4	7.5	83	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S190	1.8	0.8	1.2	1.6	2.3	0.5	4.8	90	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S8	3.2	3.2	1.5	2.3	3.2	0.8	20.3	91	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Inflow	S9	3.3	1.3	2.3	3.0	3.9	1.1	7.8	64	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA311	0.8	0.5	0.6	0.7	0.9	0.3	3.3	65	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA315	1.0	1.1	0.5	0.7	0.9	0.2	7.7	89	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA316	0.7	0.3	0.6	0.6	0.8	0.4	1.9	84	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA317	0.7	0.3	0.5	0.6	0.8	0.3	1.9	105	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA318	0.9	0.8	0.6	0.7	0.9	0.4	6.4	99	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA32	0.7	0.2	0.6	0.6	0.8	0.4	1.2	44	0 ± 0	NC

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA33	0.8	0.2	0.6	0.7	0.9	0.4	1.4	44	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA34	0.8	0.5	0.5	0.7	1.0	0.4	2.3	44	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA35	1.0	1.0	0.5	0.8	1.0	0.4	4.3	27	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA36	1.3	0.8	0.8	1.1	1.6	0.5	4.6	30	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Interior	CA38	0.7	0.3	0.5	0.7	0.9	0.3	1.6	44	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S12A	1.8	1.9	0.7	1.1	2.2	0.5	9.3	48	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S12B	1.5	1.2	0.7	1.1	1.7	0.5	4.8	38	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S12C	1.4	0.9	0.9	1.1	1.5	0.6	5.1	39	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S12D	2.1	2.0	1.1	1.3	2.3	0.8	12.8	42	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S197	2.8	4.2	0.8	1.5	2.4	0.6	17.4	16	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S31	2.0	1.3	1.1	1.5	2.7	0.6	6.2	69	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S333	1.9	1.3	1.0	1.4	2.4	0.5	6.9	57	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S334	2.0	1.3	1.0	1.7	2.8	0.7	6.4	44	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S344	2.9	2.3	1.0	1.6	4.7	0.3	7.5	20	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S355A	2.3	2.5	1.1	1.3	2.3	0.4	10.2	15	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	S355B	3.3	3.7	1.0	1.2	5.5	0.5	11.3	15	0 ± 0	NC
TURBIDITY (NTU) (EPA)	NTU	WCA-3	Outflow	US41-25	1.8	1.4	0.8	1.2	2.3	0.5	6.2	54	0 ± 0	NC
Sulfate	mg/L	ENP	Inflow	S12A	3.9	8.4	0.1	0.2	3.2	0.1	34.2	22	NA	NA
Sulfate	mg/L	ENP	Inflow	S12B	1.6	3.5	0.1	0.5	1.1	0.1	11.4	10	NA	NA
Sulfate	mg/L	ENP	Inflow	S12C	5.2	6.0	0.1	1.0	9.8	0.1	16.4	11	NA	NA
Sulfate	mg/L	ENP	Inflow	S12D	10.5	8.3	1.6	12.6	16.9	0.1	22.4	9	NA	NA
Sulfate	mg/L	ENP	Inflow	S18C	7.3	3.1	4.8	6.4	10.9	3.1	12.4	11	NA	NA
Sulfate	mg/L	ENP	Inflow	S332D	2.4	1.4	1.1	2.3	3.8	0.9	4.8	14	NA	NA
Sulfate	mg/L	ENP	Inflow	S333	12.3	9.2	2.1	14.8	18.5	0.1	29.8	21	NA	NA
Sulfate	mg/L	ENP	Inflow	S355A	0.3	0.5	0.1	0.2	0.3	0.1	1.9	11	NA	NA
Sulfate	mg/L	ENP	Inflow	S355B	2.0	3.2	0.1	0.3	2.3	0.1	10.1	11	NA	NA
Sulfate	mg/L	ENP	Inflow	US41-25	0.4	0.6	0.1	0.2	0.7	0.1	1.9	11	NA	NA
Sulfate	mg/L	ENP	Interior	EP	4.0	1.6	2.7	4.0	4.9	1.8	8.8	28	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Sulfate	mg/L	ENP	Interior	NE1	6.9	12.9	1.9	4.0	8.1	0.7	86.2	44	NA	NA
Sulfate	mg/L	ENP	Interior	NP201	20.4	39.7	1.4	6.0	12.5	0.3	156.0	41	NA	NA
Sulfate	mg/L	ENP	Interior	P33	10.5	33.8	2.2	4.6	7.0	0.8	239.0	50	NA	NA
Sulfate	mg/L	ENP	Interior	P34	0.3	0.6	0.1	0.1	0.1	0.1	3.0	33	NA	NA
Sulfate	mg/L	ENP	Interior	P35	1.9	4.2	0.5	0.7	1.0	0.1	19.2	28	NA	NA
Sulfate	mg/L	ENP	Interior	P36	3.2	7.7	0.5	1.0	1.7	0.2	40.9	44	NA	NA
Sulfate	mg/L	ENP	Interior	P37	0.6	1.9	0.1	0.1	0.1	0.1	8.8	22	NA	NA
Sulfate	mg/L	ENP	Interior	TSB	1.6	3.5	0.2	0.6	1.6	0.1	20.8	37	NA	NA
Sulfate	mg/L	Refuge	Inflow	ACME1DS	17.7	9.4	12.9	16.6	21.7	4.8	40.7	12	NA	NA
Sulfate	mg/L	Refuge	Inflow	ENR012	48.4	23.9	30.8	42.9	61.3	14.1	172.0	130	NA	NA
Sulfate	mg/L	Refuge	Inflow	G300	50.9	43.5	20.9	32.9	100.0	18.9	126.0	7	NA	NA
Sulfate	mg/L	Refuge	Inflow	G301	127.0	12.7		127.0		118.0	136.0	2	NA	NA
Sulfate	mg/L	Refuge	Inflow	G310	60.8	18.5	46.3	58.0	71.0	30.2	116.0	130	NA	NA
Sulfate	mg/L	Refuge	Inflow	G94D	16.3	10.0	6.2	17.4	22.5	2.4	37.7	13	NA	NA
Sulfate	mg/L	Refuge	Inflow	S362	39.8	15.4	25.6	38.8	52.9	15.6	73.1	118	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX10	1.0	0.9	0.4	0.8	1.6	0.2	5.0	45	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX11	0.1	0.0	0.1	0.1	0.1	0.1	0.2	54	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX12	0.7	0.8	0.2	0.5	0.9	0.1	5.3	56	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX13	0.1	0.1	0.1	0.1	0.1	0.1	0.4	51	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX14	2.0	2.7	0.5	1.0	2.0	0.1	12.4	55	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX15	11.4	9.1	2.9	10.5	18.0	0.7	33.3	54	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX16	1.9	3.5	0.3	0.7	2.1	0.1	17.6	54	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX3	0.1	0.1	0.1	0.1	0.1	0.1	0.4	32	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX4	3.3	5.7	0.8	1.0	2.1	0.5	29.5	47	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX5	0.1	0.2	0.1	0.1	0.1	0.1	1.0	37	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX6	2.2	3.6	0.4	1.0	2.3	0.1	22.2	51	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX7	0.1	0.1	0.1	0.1	0.2	0.1	0.4	53	NA	NA
Sulfate	mg/L	Refuge	Interior	LOX8	0.1	0.0	0.1	0.1	0.1	0.1	0.3	54	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Sulfate	mg/L	Refuge	Interior	LOX9	0.1	0.0	0.1	0.1	0.1	0.1	0.2	46	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA101	10.8	13.9	2.1	4.4	23.6	0.9	36.5	8	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA103	6.0	10.6	1.7	2.3	3.8	1.0	32.2	8	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA105	20.8	19.0	5.5	15.0	32.5	4.9	58.9	8	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA106	8.1	10.8	2.6	4.2	6.6	2.6	32.3	7	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA107	3.9	4.0	1.4	2.2	7.3	1.0	10.9	5	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA108	0.7	0.9	0.2	0.4	1.1	0.1	2.5	6	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA124	1.2	1.7	0.3	0.7	1.5	0.3	6.2	12	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA130	8.1	10.3	1.5	2.4	14.4	1.2	30.2	12	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA136	20.0	27.3	1.2	4.4	46.6	1.0	64.1	5	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA137	3.9	7.7	0.8	1.0	1.3	0.7	26.6	12	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA138	0.7	0.4	0.4	0.8	1.0	0.1	1.6	10	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA139	0.4	0.2	0.2	0.4	0.6	0.1	0.7	8	NA	NA
Sulfate	mg/L	Refuge	Interior	LOXA140	3.3	5.9	0.9	1.0	3.0	0.7	18.6	9	NA	NA
Sulfate	mg/L	Refuge	Interior	WCA1MESO	0.2	0.2	0.1	0.1	0.2	0.1	0.7	51	NA	NA
Sulfate	mg/L	Refuge	Interior	X1	30.6	23.2	7.4	26.0	48.7	3.0	78.0	35	NA	NA
Sulfate	mg/L	Refuge	Interior	X2	10.2	11.8	2.7	5.5	14.6	0.9	52.0	43	NA	NA
Sulfate	mg/L	Refuge	Interior	X3	2.6	1.6	1.4	2.4	3.5	0.6	6.8	47	NA	NA
Sulfate	mg/L	Refuge	Interior	X4	0.7	0.5	0.3	0.6	0.9	0.1	2.1	51	NA	NA
Sulfate	mg/L	Refuge	Interior	Y4	0.8	0.5	0.3	0.8	1.1	0.1	1.8	49	NA	NA
Sulfate	mg/L	Refuge	Interior	Z1	30.0	21.5	9.6	26.8	45.0	2.0	77.0	43	NA	NA
Sulfate	mg/L	Refuge	Interior	Z2	10.0	8.7	3.6	7.4	12.3	1.6	38.0	45	NA	NA
Sulfate	mg/L	Refuge	Interior	Z3	1.8	1.1	0.8	1.6	2.7	0.3	3.7	51	NA	NA
Sulfate	mg/L	Refuge	Interior	Z4	0.7	0.6	0.2	0.5	1.1	0.1	2.6	49	NA	NA
Sulfate	mg/L	Refuge	Outflow	G94B	21.6	20.3	6.9	16.6	25.2	2.5	85.9	21	NA	NA
Sulfate	mg/L	Refuge	Outflow	S10A	22.4	17.4	9.4	18.6	30.6	2.5	71.3	30	NA	NA
Sulfate	mg/L	Refuge	Outflow	S10C	31.7	20.3	15.2	28.0	43.7	3.6	75.5	30	NA	NA
Sulfate	mg/L	Refuge	Outflow	S10D	42.2	24.7	18.4	46.8	63.0	3.7	85.4	31	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Sulfate	mg/L	Refuge	Outflow	S39	22.2	17.6	8.5	16.6	31.6	2.3	69.6	30	NA	NA
Sulfate	mg/L	Refuge	Rim	LOXA104	71.7	15.9	60.6	64.3	87.6	55.8	100.0	12	NA	NA
Sulfate	mg/L	Refuge	Rim	LOXA135	39.8	27.4	12.9	41.7	60.2	7.9	99.0	13	NA	NA
Sulfate	mg/L	Refuge	Rim	X0	44.9	26.6	20.1	41.6	67.0	3.2	110.0	51	NA	NA
Sulfate	mg/L	Refuge	Rim	Z0	42.6	25.8	18.2	40.0	64.5	3.2	100.0	50	NA	NA
Sulfate	mg/L	WCA-2	Inflow	E0	28.5	15.7	19.5	26.5	35.0	4.8	66.0	48	NA	NA
Sulfate	mg/L	WCA-2	Inflow	F0	29.4	14.9	18.9	27.9	34.9	6.9	67.0	48	NA	NA
Sulfate	mg/L	WCA-2	Inflow	G335	52.0	16.6	37.7	49.8	61.5	25.4	106.0	128	NA	NA
Sulfate	mg/L	WCA-2	Inflow	S10A	22.4	17.4	9.4	18.6	30.6	2.5	71.3	30	NA	NA
Sulfate	mg/L	WCA-2	Inflow	S10C	31.7	20.3	15.2	28.0	43.7	3.6	75.5	30	NA	NA
Sulfate	mg/L	WCA-2	Inflow	S10D	42.2	24.7	18.4	46.8	63.0	3.7	85.4	31	NA	NA
Sulfate	mg/L	WCA-2	Inflow	S7	47.4	12.4	41.1	46.8	52.6	20.6	85.8	47	NA	NA
Sulfate	mg/L	WCA-2	Interior	404C2	49.4	13.6	42.6	48.2	56.3	20.4	83.2	25	NA	NA
Sulfate	mg/L	WCA-2	Interior	CA215	27.1	17.0	9.5	26.0	43.5	4.3	58.2	63	NA	NA
Sulfate	mg/L	WCA-2	Interior	CA27	55.4	20.9	43.7	51.8	65.9	6.1	102.0	60	NA	NA
Sulfate	mg/L	WCA-2	Interior	CA28	55.0	15.4	43.4	53.6	62.9	22.4	94.9	59	NA	NA
Sulfate	mg/L	WCA-2	Interior	CA29	47.4	20.9	32.3	43.9	62.2	6.6	100.0	64	NA	NA
Sulfate	mg/L	WCA-2	Interior	E1	23.0	13.8	13.2	19.0	30.9	5.3	60.0	37	NA	NA
Sulfate	mg/L	WCA-2	Interior	E2	25.0	14.3	14.0	23.6	31.7	5.2	56.4	26	NA	NA
Sulfate	mg/L	WCA-2	Interior	E3	23.9	14.9	11.5	21.0	33.3	3.0	54.3	33	NA	NA
Sulfate	mg/L	WCA-2	Interior	E4	25.8	14.1	12.3	25.3	37.8	5.1	51.0	38	NA	NA
Sulfate	mg/L	WCA-2	Interior	E5	27.0	23.4	13.3	21.9	32.5	3.3	140.0	41	NA	NA
Sulfate	mg/L	WCA-2	Interior	F1	26.5	15.2	15.0	23.3	35.7	2.5	72.2	91	NA	NA
Sulfate	mg/L	WCA-2	Interior	F2	30.5	19.1	15.4	28.0	42.4	3.4	120.0	93	NA	NA
Sulfate	mg/L	WCA-2	Interior	F3	29.6	17.4	13.5	24.9	45.8	6.0	57.0	39	NA	NA
Sulfate	mg/L	WCA-2	Interior	F4	29.4	20.0	13.1	30.0	39.2	1.8	140.0	98	NA	NA
Sulfate	mg/L	WCA-2	Interior	F5	27.5	16.4	9.9	29.4	38.8	4.8	63.0	40	NA	NA
Sulfate	mg/L	WCA-2	Interior	N1	51.3	11.6	45.4	52.5	58.0	27.9	73.4	28	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Sulfate	mg/L	WCA-2	Interior	S145	23.3	13.7	11.3	18.5	38.7	7.5	48.1	32	NA	NA
Sulfate	mg/L	WCA-2	Interior	U1	27.0	18.6	16.2	23.0	35.0	5.2	102.0	43	NA	NA
Sulfate	mg/L	WCA-2	Interior	U2	32.4	27.3	16.0	28.2	41.1	4.2	149.0	40	NA	NA
Sulfate	mg/L	WCA-2	Interior	U3	34.5	34.4	14.3	26.0	43.1	4.1	200.0	50	NA	NA
Sulfate	mg/L	WCA-2	Outflow	S11A	39.5	14.4	34.4	38.5	51.0	10.1	74.7	34	NA	NA
Sulfate	mg/L	WCA-2	Outflow	S11B	39.0	16.9	28.0	38.0	49.3	10.0	86.1	25	NA	NA
Sulfate	mg/L	WCA-2	Outflow	S11C	42.6	15.9	32.2	41.4	51.6	11.6	84.2	21	NA	NA
Sulfate	mg/L	WCA-2	Outflow	S34	24.9	14.0	14.1	22.0	36.7	4.2	50.6	23	NA	NA
Sulfate	mg/L	WCA-2	Outflow	S38	19.1	11.9	9.7	16.1	26.8	4.3	51.6	33	NA	NA
Sulfate	mg/L	WCA-3	Inflow	3AE0	5.9	1.5	5.0	5.9	7.3	2.8	7.9	17	NA	NA
Sulfate	mg/L	WCA-3	Inflow	3AW0	6.4	1.6	5.5	6.5	7.4	2.2	10.0	49	NA	NA
Sulfate	mg/L	WCA-3	Inflow	C123SR84	15.4	10.4	5.7	14.1	20.1	3.2	36.5	22	NA	NA
Sulfate	mg/L	WCA-3	Inflow	G123	10.4	13.5	2.0	3.4	17.2	0.8	50.5	21	NA	NA
Sulfate	mg/L	WCA-3	Inflow	L3BRS	17.0	13.8	6.0	11.7	28.1	3.4	49.7	21	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S11A	39.5	14.4	34.4	38.5	51.0	10.1	74.7	34	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S11B	39.0	16.9	28.0	38.0	49.3	10.0	86.1	25	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S11C	42.6	15.9	32.2	41.4	51.6	11.6	84.2	21	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S140	14.5	7.5	7.4	15.9	21.4	2.8	27.1	22	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S142	34.0	12.5	21.5	37.9	42.1	14.2	58.2	23	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S150	41.8	11.2	36.3	43.0	48.2	15.3	67.2	43	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S151	19.8	10.9	10.2	19.0	29.1	5.1	41.1	20	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S190	8.7	7.1	5.0	6.3	10.7	0.1	33.3	21	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S8	27.8	13.6	18.5	25.9	39.2	3.0	55.7	21	NA	NA
Sulfate	mg/L	WCA-3	Inflow	S9	2.2	1.2	1.2	2.0	3.3	0.6	4.2	20	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AE05	4.2	3.7	2.3	3.3	4.8	0.9	14.0	10	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AE10	6.7	12.8	1.1	3.6	4.8	1.1	45.0	11	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AE15	2.6	1.1	1.6	2.2	3.6	1.5	4.7	11	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AE20	8.5	21.8	1.8	2.2	3.4	1.5	84.0	14	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Sulfate	mg/L	WCA-3	Interior	3AE40	2.7	1.9	1.5	2.0	3.3	1.1	7.5	14	NA	NA
Sulfate	mg/L	WCA-3	Interior	3ANMESO	0.9	1.1	0.2	0.5	1.2	0.1	5.3	48	NA	NA
Sulfate	mg/L	WCA-3	Interior	3ASMESO	0.6	1.3	0.1	0.4	0.7	0.1	8.7	48	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AW05	3.8	1.7	2.6	3.7	4.7	1.3	7.0	10	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AW10	3.7	3.7	1.0	3.3	4.1	0.6	14.0	11	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AW15	2.2	1.1	1.2	2.1	3.0	1.0	4.4	11	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AW20	2.4	1.0	1.3	2.2	3.4	1.0	4.1	12	NA	NA
Sulfate	mg/L	WCA-3	Interior	3AW40	2.8	3.2	1.3	1.8	3.3	0.2	14.0	16	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA311	1.4	3.0	0.4	0.9	1.4	0.1	24.6	66	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA315	0.4	2.3	0.1	0.1	0.2	0.1	21.6	86	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA316	29.7	14.4	15.7	31.9	42.5	3.4	57.6	84	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA317	28.8	11.1	18.8	30.6	36.2	6.4	57.7	105	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA318	13.7	10.0	3.8	13.9	20.5	0.1	42.4	99	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA32	19.3	19.0	1.5	10.6	35.8	0.3	70.4	44	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA33	7.1	12.0	2.0	3.4	6.5	0.8	67.3	44	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA34	4.1	4.0	1.2	2.7	6.7	0.1	13.8	45	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA35	4.8	4.8	2.0	2.8	5.9	1.0	17.7	28	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA36	24.5	20.3	11.6	18.8	31.3	4.9	110.0	30	NA	NA
Sulfate	mg/L	WCA-3	Interior	CA38	3.1	10.9	0.5	1.3	1.8	0.1	73.5	44	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S12A	3.9	8.4	0.1	0.2	3.2	0.1	34.2	22	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S12B	1.6	3.5	0.1	0.5	1.1	0.1	11.4	10	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S12C	5.2	6.0	0.1	1.0	9.8	0.1	16.4	11	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S12D	10.5	8.3	1.6	12.6	16.9	0.1	22.4	9	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S197	16.1	17.8	6.8	10.1	14.6	5.2	69.3	14	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S31	11.8	10.8	4.6	7.6	14.2	2.4	39.6	22	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S333	12.3	9.2	2.1	14.8	18.5	0.1	29.8	21	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S334	6.6	7.6	1.0	3.8	10.3	0.2	21.6	12	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S344	0.1	0.1	0.1	0.1	0.2	0.1	0.5	20	NA	NA

Parameter	Units	Area	Class	Station	Arithmetic Mean	Standard Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	Sample Size (n)	Percent Exceedance	Excursion Category
Sulfate	mg/L	WCA-3	Outflow	S355A	0.3	0.5	0.1	0.2	0.3	0.1	1.9	11	NA	NA
Sulfate	mg/L	WCA-3	Outflow	S355B	2.0	3.2	0.1	0.3	2.3	0.1	10.1	11	NA	NA
Sulfate	mg/L	WCA-3	Outflow	US41-25	0.4	0.6	0.1	0.2	0.7	0.1	1.9	11	NA	NA

Refuge – Arthur R. Marshall Loxahatchee National Wildlife Refuge
ENP – Everglades National Park
WCA-2 – Water Conservation Area 2
WCA-3 – Water Conservation Area 3
µg/L – micrograms per liter
mg/L – milligrams per liter
NTU – nephelometric turbidity unit
µmhos/cm – micromhos per centimeter