Appendix 3A-2: Summary of Water Year 2003 through Water Year 2007 Water Quality Monitoring Results at Individual Monitoring Stations

Florida Department of Environmental Protection

Table 1. Summary of WY2003–WY2007 water quality monitoring data and excursions from applicable criteria at individual monitoring stations in the 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 "N/A" because no numeric criterion applies. An excursion category was not assigned to a monitoring station for any water quality variable with fewer than 28 samples during the period of record (noted as "--").

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Alkalinity	mg/L	ACME1DS	Refuge	Inflow	195	33	178	193	217	95	264	67	0	NC
Alkalinity	mg/L	ENR012	Refuge	Inflow	264	48	230	264	305	158	367	129	0	NC
Alkalinity	mg/L	G310	Refuge	Inflow	243	49	216	243	282	126	329	129	0	NC
Alkalinity	mg/L	G94D	Refuge	Inflow	187	27	176	189	202	89	260	72	0	NC
Alkalinity	mg/L	S362	Refuge	Inflow	204	39	172	194	242	144	277	39	0	NC
Alkalinity	mg/L	LOXA104	Refuge	Rim	232	41	195	232	263	161	315	23	0	--
Alkalinity	mg/L	LOXA135	Refuge	Rim	191	46	154	190	217	126	298	24	0	--
Alkalinity	mg/L	X0	Refuge	Rim	217	49	185	220	256	90	313	57	0	NC
Alkalinity	mg/L	Z0	Refuge	Rim	215	46	184	220	251	104	301	56	0	NC
Alkalinity	mg/L	LOX10	Refuge	Interior	64	38	37	48	75	25	158	21	0	--
Alkalinity	mg/L	LOX11	Refuge	Interior	11	3.9	8.0	11	14	4.5	22	44	95.5±5.2	C
Alkalinity	mg/L	LOX12	Refuge	Interior	73	39	51	62	75	27	206	58	0	NC
Alkalinity	mg/L	LOX13	Refuge	Interior	15	4.9	12	13	17	6.0	26	36	77.8±11.4	C
Alkalinity	mg/L	LOX14	Refuge	Interior	51	29	34	44	57	20	155	53	0	NC
Alkalinity	mg/L	LOX15	Refuge	Interior	121	47	82	124	155	31	208	54	0	NC
Alkalinity	mg/L	LOX16	Refuge	Interior	45	22	32	39	46	24	130	52	0	NC
Alkalinity	mg/L	LOX3	Refuge	Interior	8.9	1.2	8.0	9.0	10	7.0	11	8	100	--
Alkalinity	mg/L	LOX4	Refuge	Interior	106	42	74	99	127	43	203	31	0	NC
Alkalinity	mg/L	LOX5	Refuge	Interior	8.8	2.2	7.0	8.0	10	7.0	14	10	100	--
Alkalinity	mg/L	LOX6	Refuge	Interior	64	35	47	56	67	30	196	45	0	NC
Alkalinity	mg/L	LOX7	Refuge	Interior	13	4.1	11	13	14	7.0	29	44	93.2±6.3	C
Alkalinity	mg/L	LOX8	Refuge	Interior	10	3.3	8.0	9.0	11	6.0	22	50	96.0±4.6	C
Alkalinity	mg/L	LOX9	Refuge	Interior	20	7.1	14	20	24	8.0	31	19	47.4±18.8	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Alkalinity	mg/L	LOXA101	Refuge	Interior	164	33	149	170	191	94	206	9	0	--
Alkalinity	mg/L	LOXA103	Refuge	Interior	112	55	69	83	171	62	200	8	0	--
Alkalinity	mg/L	LOXA105	Refuge	Interior	181	46	128	201	223	122	238	9	0	--
Alkalinity	mg/L	LOXA106	Refuge	Interior	125	51	92	102	179	57	200	7	0	--
Alkalinity	mg/L	LOXA107	Refuge	Interior	124	65	50	151	172	50	172	3	0	--
Alkalinity	mg/L	LOXA108	Refuge	Interior	29	6.0	23	29	34	21	35	4	0	--
Alkalinity	mg/L	LOXA124	Refuge	Interior	33	10	26	33	38	21	55	16	0	--
Alkalinity	mg/L	LOXA130	Refuge	Interior	127	42	100	131	161	49	185	18	0	--
Alkalinity	mg/L	LOXA136	Refuge	Interior	158	52	105	176	204	102	219	5	0	--
Alkalinity	mg/L	LOXA137	Refuge	Interior	86	42	60	72	108	39	171	15	0	--
Alkalinity	mg/L	LOXA138	Refuge	Interior	65	44	38	43	115	37	137	8	0	--
Alkalinity	mg/L	LOXA139	Refuge	Interior	20	3.5	17	21	23	15	23	4	25.0±35.6	--
Alkalinity	mg/L	LOXA140	Refuge	Interior	89	44	52	67	132	37	144	7	0	--
Alkalinity	mg/L	X1	Refuge	Interior	199	52	163	206	243	46	288	45	0	NC
Alkalinity	mg/L	X2	Refuge	Interior	137	66	82	132	193	32	257	53	0	NC
Alkalinity	mg/L	X3	Refuge	Interior	100	64	52	73	168	32	228	55	0	NC
Alkalinity	mg/L	X4	Refuge	Interior	63	36	37	50	78	24	161	56	0	NC
Alkalinity	mg/L	Y4	Refuge	Interior	71	45	42	55	83	26	200	56	0	NC
Alkalinity	mg/L	Z1	Refuge	Interior	212	52	187	210	251	84	332	52	0	NC
Alkalinity	mg/L	Z2	Refuge	Interior	166	54	129	170	210	51	254	51	0	NC
Alkalinity	mg/L	Z3	Refuge	Interior	92	51	58	74	112	32	220	57	0	NC
Alkalinity	mg/L	Z4	Refuge	Interior	67	40	42	52	69	27	182	56	0	NC
Alkalinity	mg/L	G94B	Refuge	Outflow	162	46	134	163	189	55	267	61	0	NC
Alkalinity	mg/L	S10A	Refuge	Outflow	148	44	124	155	178	54	225	30	0	NC
Alkalinity	mg/L	S10C	Refuge	Outflow	170	64	123	167	224	44	284	29	0	NC
Alkalinity	mg/L	S10D	Refuge	Outflow	209	48	178	210	245	102	303	70	0	NC
Alkalinity	mg/L	S10E	Refuge	Outflow	213	48	176	211	248	130	301	33	0	NC
Alkalinity	mg/L	S39	Refuge	Outflow	153	48	119	156	183	50	291	77	0	NC
Alkalinity	mg/L	E0	WCA-2	Inflow	260	74	205	269	311	77	382	53	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Alkalinity	mg/L	F0	WCA-2	Inflow	270	70	220	282	315	86	391	52	0	NC
Alkalinity	mg/L	G335	WCA-2	Inflow	301	40	276	308	330	186	384	130	0	NC
Alkalinity	mg/L	G339	WCA-2	Inflow	295			295		295	295	1	0	--
Alkalinity	mg/L	S10A	WCA-2	Inflow	148	44	124	155	178	54	225	30	0	NC
Alkalinity	mg/L	S10C	WCA-2	Inflow	170	64	123	167	224	44	284	29	0	NC
Alkalinity	mg/L	S10D	WCA-2	Inflow	209	48	178	210	245	102	303	70	0	NC
Alkalinity	mg/L	S10E	WCA-2	Inflow	213	48	176	211	248	130	301	33	0	NC
Alkalinity	mg/L	S38B	WCA-2	Inflow	205	58	159	203	260	108	271	10	0	--
Alkalinity	mg/L	S7	WCA-2	Inflow	256	59	215	257	296	104	398	85	0	NC
Alkalinity	mg/L	404C2	WCA-2	Interior	270	40	229	285	304	187	327	26	0	--
Alkalinity	mg/L	404Z1	WCA-2	Interior	295	44	267	297	327	221	394	27	0	--
Alkalinity	mg/L	CA215	WCA-2	Interior	207	29	185	202	228	150	293	77	0	NC
Alkalinity	mg/L	CA27	WCA-2	Interior	272	40	238	274	300	199	360	73	0	NC
Alkalinity	mg/L	CA28	WCA-2	Interior	297	46	264	301	325	204	414	65	0	NC
Alkalinity	mg/L	CA29	WCA-2	Interior	233	37	207	228	261	160	323	72	0	NC
Alkalinity	mg/L	E1	WCA-2	Interior	241	50	217	237	282	118	337	39	0	NC
Alkalinity	mg/L	E2	WCA-2	Interior	215	39	190	220	242	136	282	28	0	NC
Alkalinity	mg/L	E3	WCA-2	Interior	213	42	184	220	244	125	292	36	0	NC
Alkalinity	mg/L	E4	WCA-2	Interior	200	39	176	203	219	124	288	34	0	NC
Alkalinity	mg/L	E5	WCA-2	Interior	195	26	175	192	219	151	242	43	0	NC
Alkalinity	mg/L	F1	WCA-2	Interior	279	67	235	263	317	166	470	86	0	NC
Alkalinity	mg/L	F2	WCA-2	Interior	257	56	217	247	279	145	413	109	0	NC
Alkalinity	mg/L	F3	WCA-2	Interior	265	66	217	245	306	164	449	50	0	NC
Alkalinity	mg/L	F4	WCA-2	Interior	224	43	194	214	245	146	355	106	0	NC
Alkalinity	mg/L	F5	WCA-2	Interior	231	38	201	227	259	158	313	42	0	NC
Alkalinity	mg/L	N1	WCA-2	Interior	292	48	257	300	327	170	367	46	0	NC
Alkalinity	mg/L	S145	WCA-2	Interior	188	34	162	188	210	111	274	82	0	NC
Alkalinity	mg/L	U1	WCA-2	Interior	176	26	157	180	193	105	225	42	0	NC
Alkalinity	mg/L	U2	WCA-2	Interior	206	28	184	207	229	144	260	40	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Alkalinity	mg/L	U3	WCA-2	Interior	211	31	186	211	229	150	271	40	0	NC
Alkalinity	mg/L	S11A	WCA-2	Outflow	214	43	179	212	247	109	305	87	0	NC
Alkalinity	mg/L	S11B	WCA-2	Outflow	214	41	181	210	239	127	304	54	0	NC
Alkalinity	mg/L	S11C	WCA-2	Outflow	241	44	218	245	269	107	344	78	0	NC
Alkalinity	mg/L	S34	WCA-2	Outflow	230	36	207	226	258	144	338	88	0	NC
Alkalinity	mg/L	S38	WCA-2	Outflow	177	40	146	174	199	112	286	89	0	NC
Alkalinity	mg/L	3AE0	WCA-3	Inflow	193	37	168	199	219	113	268	47	0	NC
Alkalinity	mg/L	3AW0	WCA-3	Inflow	194	35	173	196	220	121	270	51	0	NC
Alkalinity	mg/L	C123SR84	WCA-3	Inflow	210	42	178	206	234	147	352	77	0	NC
Alkalinity	mg/L	G123	WCA-3	Inflow	258	40	225	261	291	184	329	60	0	NC
Alkalinity	mg/L	S11A	WCA-3	Inflow	214	43	179	212	247	109	305	87	0	NC
Alkalinity	mg/L	S11B	WCA-3	Inflow	214	41	181	210	239	127	304	54	0	NC
Alkalinity	mg/L	S11C	WCA-3	Inflow	241	44	218	245	269	107	344	78	0	NC
Alkalinity	mg/L	S140	WCA-3	Inflow	190	38	156	195	222	118	249	91	0	NC
Alkalinity	mg/L	S142	WCA-3	Inflow	233	40	207	229	263	94	335	93	0	NC
Alkalinity	mg/L	S150	WCA-3	Inflow	227	53	188	230	264	106	375	66	0	NC
Alkalinity	mg/L	S151	WCA-3	Inflow	228	29	209	223	249	178	320	75	0	NC
Alkalinity	mg/L	S190	WCA-3	Inflow	200	41	176	203	229	107	268	78	0	NC
Alkalinity	mg/L	S8	WCA-3	Inflow	210	49	176	219	247	107	312	91	0	NC
Alkalinity	mg/L	S9	WCA-3	Inflow	254	21	241	257	268	203	288	71	0	NC
Alkalinity	mg/L	3AE05	WCA-3	Interior	195	35	180	197	221	108	254	26	0	--
Alkalinity	mg/L	3AE10	WCA-3	Interior	191	32	172	191	214	113	248	33	0	NC
Alkalinity	mg/L	3AE15	WCA-3	Interior	194	26	172	196	214	143	247	37	0	NC
Alkalinity	mg/L	3AE20	WCA-3	Interior	188	26	168	184	210	144	237	43	0	NC
Alkalinity	mg/L	3AE40	WCA-3	Interior	167	22	148	163	186	131	226	41	0	NC
Alkalinity	mg/L	3ANMESO	WCA-3	Interior	155	23	139	159	173	95	201	50	0	NC
Alkalinity	mg/L	3ASMESO	WCA-3	Interior	148	24	135	150	163	97	189	50	0	NC
Alkalinity	mg/L	3AW05	WCA-3	Interior	200	35	182	208	224	111	254	29	0	NC
Alkalinity	mg/L	3AW10	WCA-3	Interior	199	33	183	204	223	110	249	36	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Alkalinity	mg/L	3AW15	WCA-3	Interior	190	28	173	194	210	136	246	37	0	NC
Alkalinity	mg/L	3AW20	WCA-3	Interior	184	31	163	180	209	124	241	37	0	NC
Alkalinity	mg/L	3AW40	WCA-3	Interior	160	22	147	163	177	119	203	44	0	NC
Alkalinity	mg/L	CA311	WCA-3	Interior	143	24	126	142	161	99	216	80	0	NC
Alkalinity	mg/L	CA315	WCA-3	Interior	124	25	106	123	139	74	206	102	0	NC
Alkalinity	mg/L	CA316	WCA-3	Interior	224	39	200	226	251	140	306	102	0	NC
Alkalinity	mg/L	CA317	WCA-3	Interior	180	26	162	177	195	123	258	123	0	NC
Alkalinity	mg/L	CA318	WCA-3	Interior	194	24	180	196	212	120	251	116	0	NC
Alkalinity	mg/L	CA32	WCA-3	Interior	166	59	117	151	211	75	289	56	0	NC
Alkalinity	mg/L	CA33	WCA-3	Interior	201	41	171	199	226	76	313	58	0	NC
Alkalinity	mg/L	CA34	WCA-3	Interior	170	28	153	166	184	110	236	57	0	NC
Alkalinity	mg/L	CA35	WCA-3	Interior	166	36	135	169	182	104	258	43	0	NC
Alkalinity	mg/L	CA36	WCA-3	Interior	221	28	201	222	240	165	286	33	0	NC
Alkalinity	mg/L	CA38	WCA-3	Interior	140	20	129	140	153	86	184	58	0	NC
Alkalinity	mg/L	S12A	WCA-3	Outflow	122	31	99	114	137	89	214	77	0	NC
Alkalinity	mg/L	S12B	WCA-3	Outflow	124	28	103	118	134	79	213	83	0	NC
Alkalinity	mg/L	S12C	WCA-3	Outflow	140	25	121	140	158	80	200	86	0	NC
Alkalinity	mg/L	S12D	WCA-3	Outflow	170	36	140	182	196	88	243	114	0	NC
Alkalinity	mg/L	S197	WCA-3	Outflow	170	18	154	171	186	142	190	5	0	--
Alkalinity	mg/L	S31	WCA-3	Outflow	233	24	208	233	250	196	281	40	0	NC
Alkalinity	mg/L	S333	WCA-3	Outflow	178	31	158	182	201	101	246	105	0	NC
Alkalinity	mg/L	S334	WCA-3	Outflow	187	24	175	188	205	126	240	49	0	NC
Alkalinity	mg/L	S344	WCA-3	Outflow	109	26	87	98	134	83	156	14	0	--
Alkalinity	mg/L	S355A	WCA-3	Outflow	123	32	95	123	149	72	184	32	0	NC
Alkalinity	mg/L	S355B	WCA-3	Outflow	142	31	114	144	164	93	204	32	0	NC
Alkalinity	mg/L	US41-25	WCA-3	Outflow	156	43	111	157	200	96	241	97	0	NC
Alkalinity	mg/L	S12A	Park	Inflow	122	31	99	114	137	89	214	77	0	NC
Alkalinity	mg/L	S12B	Park	Inflow	124	28	103	118	134	79	213	83	0	NC
Alkalinity	mg/L	S12C	Park	Inflow	140	25	121	140	158	80	200	86	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Alkalinity	mg/L	S12D	Park	Inflow	170	36	140	182	196	88	243	114	0	NC
Alkalinity	mg/L	S175	Park	Inflow	196	17	185	195	202	163	239	45	0	NC
Alkalinity	mg/L	S176	Park	Inflow	210	17	198	207	222	175	258	27	0	--
Alkalinity	mg/L	S18C	Park	Inflow	198	8.3	193	198	204	174	213	93	0	NC
Alkalinity	mg/L	S332	Park	Inflow	197	19	185	195	202	150	245	41	0	NC
Alkalinity	mg/L	S332D	Park	Inflow	209	14	201	208	212	185	272	54	0	NC
Alkalinity	mg/L	S333	Park	Inflow	178	31	158	182	201	101	246	105	0	NC
Alkalinity	mg/L	S355A	Park	Inflow	123	32	95	123	149	72	184	32	0	NC
Alkalinity	mg/L	S355B	Park	Inflow	142	31	114	144	164	93	204	32	0	NC
Alkalinity	mg/L	EP	Park	Interior	161	18	152	162	172	116	208	31	0	NC
Alkalinity	mg/L	NE1	Park	Interior	187	31	162	184	215	134	248	54	0	NC
Alkalinity	mg/L	NP201	Park	Interior	165	26	146	165	178	108	246	35	0	NC
Alkalinity	mg/L	P33	Park	Interior	183	32	159	185	208	126	277	57	0	NC
Alkalinity	mg/L	P34	Park	Interior	114	21	98	112	122	79	160	38	0	NC
Alkalinity	mg/L	P35	Park	Interior	152	31	135	151	166	71	239	37	0	NC
Alkalinity	mg/L	P36	Park	Interior	167	26	150	158	185	127	236	57	0	NC
Alkalinity	mg/L	P37	Park	Interior	116	42	89	96	131	72	228	31	0	NC
Alkalinity	mg/L	TSB	Park	Interior	175	35	153	183	202	90	237	42	0	NC
Chromium (hexavalen)	µg/L	S334	WCA-3	Outflow	6.8			6.8		6.8	6.8	1	0	--
Dissolved Oxygen	mg/L	ACME1DS	Refuge	Inflow	5.79	1.63	4.52	5.55	7.10	2.30	8.90	66		N/A
Dissolved Oxygen	mg/L	ENR012	Refuge	Inflow	1.86	1.49	0.73	1.47	2.66	0.02	7.55	256		N/A
Dissolved Oxygen	mg/L	G300	Refuge	Inflow	3.44	2.90	1.50	1.94	4.57	0.71	10.10	9		N/A
Dissolved Oxygen	mg/L	G301	Refuge	Inflow	3.34	2.03	1.63	3.07	4.94	1.25	6.51	6		N/A
Dissolved Oxygen	mg/L	G310	Refuge	Inflow	3.86	1.95	2.35	3.78	5.13	0.25	9.72	256		N/A
Dissolved Oxygen	mg/L	G94D	Refuge	Inflow	5.12	1.76	3.76	4.93	6.51	2.39	10.20	70		N/A
Dissolved Oxygen	mg/L	S362	Refuge	Inflow	6.42	1.86	4.86	6.66	7.65	2.16	10.10	100		N/A
Dissolved Oxygen	mg/L	LOXA104	Refuge	Rim	4.54	2.04	3.11	4.39	6.32	0.31	8.24	21		N/A
Dissolved Oxygen	mg/L	LOXA135	Refuge	Rim	4.63	2.76	2.62	4.53	6.39	0.13	12.00	21		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Dissolved Oxygen	mg/L	X0	Refuge	Rim	4.15	1.87	2.55	4.76	5.56	0.92	7.71	51		N/A
Dissolved Oxygen	mg/L	Z0	Refuge	Rim	4.11	2.03	2.32	4.01	5.66	0.80	8.51	53		N/A
Dissolved Oxygen	mg/L	LOX10	Refuge	Interior	4.02	1.48	3.00	3.51	4.91	1.48	8.28	39		N/A
Dissolved Oxygen	mg/L	LOX11	Refuge	Interior	3.74	2.23	1.78	3.35	5.33	0.27	8.73	53		N/A
Dissolved Oxygen	mg/L	LOX12	Refuge	Interior	4.52	1.81	2.99	4.28	6.12	1.17	8.37	58		N/A
Dissolved Oxygen	mg/L	LOX13	Refuge	Interior	4.35	2.22	2.43	4.30	6.11	0.26	8.89	47		N/A
Dissolved Oxygen	mg/L	LOX14	Refuge	Interior	3.72	1.83	1.96	4.07	5.23	0.57	7.27	55		N/A
Dissolved Oxygen	mg/L	LOX15	Refuge	Interior	4.40	1.67	2.92	4.62	5.39	0.70	8.38	56		N/A
Dissolved Oxygen	mg/L	LOX16	Refuge	Interior	2.66	1.67	1.38	2.36	3.72	0.23	7.78	54		N/A
Dissolved Oxygen	mg/L	LOX3	Refuge	Interior	4.89	1.95	3.40	4.68	6.54	1.85	9.06	24		N/A
Dissolved Oxygen	mg/L	LOX4	Refuge	Interior	3.84	1.84	2.45	3.35	4.60	1.62	9.00	42		N/A
Dissolved Oxygen	mg/L	LOX5	Refuge	Interior	4.54	1.69	3.05	4.45	5.70	1.69	8.04	29		N/A
Dissolved Oxygen	mg/L	LOX6	Refuge	Interior	3.88	1.90	2.23	3.88	4.91	1.12	8.52	53		N/A
Dissolved Oxygen	mg/L	LOX7	Refuge	Interior	4.64	2.15	3.25	4.30	6.06	0.45	9.33	50		N/A
Dissolved Oxygen	mg/L	LOX8	Refuge	Interior	5.04	1.95	3.47	5.15	6.31	1.09	10.03	52		N/A
Dissolved Oxygen	mg/L	LOX9	Refuge	Interior	4.34	1.82	2.84	4.08	5.45	1.13	10.05	37		N/A
Dissolved Oxygen	mg/L	LOXA101	Refuge	Interior	2.99	1.95	1.40	2.66	4.66	0.61	7.16	13		N/A
Dissolved Oxygen	mg/L	LOXA103	Refuge	Interior	3.16	2.00	1.49	2.90	4.68	0.48	7.17	13		N/A
Dissolved Oxygen	mg/L	LOXA105	Refuge	Interior	2.72	2.03	1.08	2.10	4.76	0.22	6.12	14		N/A
Dissolved Oxygen	mg/L	LOXA106	Refuge	Interior	2.79	1.97	1.06	2.72	3.81	0.31	6.70	12		N/A
Dissolved Oxygen	mg/L	LOXA107	Refuge	Interior	2.64	2.08	1.02	2.10	4.10	0.22	6.82	9		N/A
Dissolved Oxygen	mg/L	LOXA108	Refuge	Interior	3.98	2.42	2.11	3.09	6.58	1.43	8.17	10		N/A
Dissolved Oxygen	mg/L	LOXA124	Refuge	Interior	2.01	1.12	0.94	2.00	2.98	0.37	3.83	17		N/A
Dissolved Oxygen	mg/L	LOXA130	Refuge	Interior	2.06	1.30	1.09	1.72	2.57	0.55	4.99	17		N/A
Dissolved Oxygen	mg/L	LOXA136	Refuge	Interior	1.60	1.85	0.62	0.79	1.98	0.29	5.63	10		N/A
Dissolved Oxygen	mg/L	LOXA137	Refuge	Interior	3.08	1.91	1.69	2.95	3.77	0.16	7.01	17		N/A
Dissolved Oxygen	mg/L	LOXA138	Refuge	Interior	5.57	3.16	2.90	4.81	8.66	0.99	9.94	14		N/A
Dissolved Oxygen	mg/L	LOXA139	Refuge	Interior	5.11	3.35	2.27	4.18	8.27	0.83	11.20	12		N/A
Dissolved Oxygen	mg/L	LOXA140	Refuge	Interior	4.98	3.03	2.66	5.33	8.00	0.22	10.00	13		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Dissolved Oxygen	mg/L	X1	Refuge	Interior	0.93	1.18	0.44	0.63	1.00	0.16	7.07	42		N/A
Dissolved Oxygen	mg/L	X2	Refuge	Interior	1.95	1.39	0.96	1.58	2.52	0.39	7.64	48		N/A
Dissolved Oxygen	mg/L	X3	Refuge	Interior	2.02	1.44	1.16	1.49	2.44	0.47	6.59	52		N/A
Dissolved Oxygen	mg/L	X4	Refuge	Interior	2.46	1.58	1.30	2.15	3.15	0.34	7.76	53		N/A
Dissolved Oxygen	mg/L	Y4	Refuge	Interior	2.53	1.56	1.32	2.03	3.15	0.52	6.63	51		N/A
Dissolved Oxygen	mg/L	Z1	Refuge	Interior	1.09	0.95	0.33	0.75	1.57	0.10	3.41	49		N/A
Dissolved Oxygen	mg/L	Z2	Refuge	Interior	1.78	1.19	0.85	1.60	2.44	0.19	5.95	49		N/A
Dissolved Oxygen	mg/L	Z3	Refuge	Interior	3.62	1.64	2.31	3.38	4.92	0.76	7.33	52		N/A
Dissolved Oxygen	mg/L	Z4	Refuge	Interior	4.05	2.05	2.42	3.87	5.48	0.37	8.81	50		N/A
Dissolved Oxygen	mg/L	G94B	Refuge	Outflow	4.00	1.67	2.72	4.03	4.95	0.77	7.34	59		N/A
Dissolved Oxygen	mg/L	S10A	Refuge	Outflow	5.70	2.37	4.11	5.78	7.70	1.04	9.51	30		N/A
Dissolved Oxygen	mg/L	S10C	Refuge	Outflow	5.85	1.95	4.09	5.51	7.56	2.84	9.88	29		N/A
Dissolved Oxygen	mg/L	S10D	Refuge	Outflow	5.18	2.16	3.24	5.32	6.50	1.74	10.40	69		N/A
Dissolved Oxygen	mg/L	S10E	Refuge	Outflow	5.04	2.01	3.40	5.16	6.20	0.65	8.63	33		N/A
Dissolved Oxygen	mg/L	S39	Refuge	Outflow	5.98	1.97	4.49	5.97	7.70	1.24	9.70	76		N/A
Dissolved Oxygen	mg/L	E0	WCA-2	Inflow	3.51	1.62	2.40	3.44	4.54	0.22	7.81	50		N/A
Dissolved Oxygen	mg/L	F0	WCA-2	Inflow	2.78	1.91	1.49	2.54	3.55	0.20	7.80	51		N/A
Dissolved Oxygen	mg/L	G335	WCA-2	Inflow	4.62	1.40	3.52	4.62	5.64	1.57	9.39	259		N/A
Dissolved Oxygen	mg/L	G339	WCA-2	Inflow	1.91			1.91		1.91	1.91	1		N/A
Dissolved Oxygen	mg/L	S10A	WCA-2	Inflow	5.70	2.37	4.11	5.78	7.70	1.04	9.51	30		N/A
Dissolved Oxygen	mg/L	S10C	WCA-2	Inflow	5.85	1.95	4.09	5.51	7.56	2.84	9.88	29		N/A
Dissolved Oxygen	mg/L	S10D	WCA-2	Inflow	5.18	2.16	3.24	5.32	6.50	1.74	10.40	69		N/A
Dissolved Oxygen	mg/L	S10E	WCA-2	Inflow	5.04	2.01	3.40	5.16	6.20	0.65	8.63	33		N/A
Dissolved Oxygen	mg/L	S38B	WCA-2	Inflow	2.95	1.99	1.34	2.25	4.17	1.10	7.09	9		N/A
Dissolved Oxygen	mg/L	S7	WCA-2	Inflow	4.72	2.10	2.94	4.56	6.45	1.06	9.51	230		N/A
Dissolved Oxygen	mg/L	404C2	WCA-2	Interior	3.65	1.82	2.16	3.24	4.35	1.17	9.12	40		N/A
Dissolved Oxygen	mg/L	404Z1	WCA-2	Interior	2.09	1.24	1.03	1.52	3.15	0.59	4.30	24		N/A
Dissolved Oxygen	mg/L	CA215	WCA-2	Interior	4.96	2.32	3.33	4.87	6.09	1.04	11.70	99		N/A
Dissolved Oxygen	mg/L	CA27	WCA-2	Interior	3.55	2.09	1.81	3.38	4.77	0.55	10.10	95		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Dissolved Oxygen	mg/L	CA28	WCA-2	Interior	2.25	1.63	1.19	1.97	2.67	0.20	9.53	79		N/A
Dissolved Oxygen	mg/L	CA29	WCA-2	Interior	4.35	1.94	3.13	3.98	5.33	0.99	11.90	100		N/A
Dissolved Oxygen	mg/L	E1	WCA-2	Interior	1.52	1.22	0.70	1.10	1.80	0.22	4.72	39		N/A
Dissolved Oxygen	mg/L	E2	WCA-2	Interior	1.09	0.86	0.53	0.77	1.58	0.17	3.81	30		N/A
Dissolved Oxygen	mg/L	E3	WCA-2	Interior	1.44	1.21	0.60	1.06	1.85	0.19	4.96	36		N/A
Dissolved Oxygen	mg/L	E4	WCA-2	Interior	1.53	1.03	0.74	1.21	2.38	0.26	4.09	36		N/A
Dissolved Oxygen	mg/L	E5	WCA-2	Interior	4.27	1.51	3.05	3.85	5.36	1.21	7.21	43		N/A
Dissolved Oxygen	mg/L	F1	WCA-2	Interior	1.92	1.59	0.77	1.50	2.88	0.08	9.03	103		N/A
Dissolved Oxygen	mg/L	F2	WCA-2	Interior	1.92	1.60	0.92	1.43	2.42	0.10	9.15	123		N/A
Dissolved Oxygen	mg/L	F3	WCA-2	Interior	2.47	1.71	1.04	2.00	3.65	0.18	6.83	49		N/A
Dissolved Oxygen	mg/L	F4	WCA-2	Interior	2.45	1.81	1.08	2.03	3.65	0.18	11.40	121		N/A
Dissolved Oxygen	mg/L	F5	WCA-2	Interior	3.41	1.70	1.89	3.08	4.47	1.23	7.88	41		N/A
Dissolved Oxygen	mg/L	N1	WCA-2	Interior	2.23	1.38	1.20	1.90	2.90	0.42	5.84	45		N/A
Dissolved Oxygen	mg/L	S145	WCA-2	Interior	4.76	1.50	3.93	4.76	5.55	1.51	8.00	80		N/A
Dissolved Oxygen	mg/L	U1	WCA-2	Interior	2.89	1.81	1.33	2.83	3.92	0.65	6.70	41		N/A
Dissolved Oxygen	mg/L	U2	WCA-2	Interior	4.63	1.74	3.18	4.36	5.80	2.23	8.72	39		N/A
Dissolved Oxygen	mg/L	U3	WCA-2	Interior	3.65	1.59	2.37	3.39	4.79	1.06	7.10	39		N/A
Dissolved Oxygen	mg/L	S11A	WCA-2	Outflow	5.76	1.81	4.42	5.67	7.13	2.22	9.68	85		N/A
Dissolved Oxygen	mg/L	S11B	WCA-2	Outflow	4.31	1.71	3.20	3.97	5.82	1.39	8.02	52		N/A
Dissolved Oxygen	mg/L	S11C	WCA-2	Outflow	3.97	1.95	2.20	3.64	5.43	0.61	9.30	74		N/A
Dissolved Oxygen	mg/L	S34	WCA-2	Outflow	4.85	1.70	3.42	4.77	6.13	0.91	8.27	85		N/A
Dissolved Oxygen	mg/L	S38	WCA-2	Outflow	3.75	1.69	2.62	3.31	4.66	1.11	10.31	85		N/A
Dissolved Oxygen	mg/L	3AE0	WCA-3	Inflow	6.55	2.24	5.16	7.18	8.17	1.37	10.73	45		N/A
Dissolved Oxygen	mg/L	3AW0	WCA-3	Inflow	6.56	2.14	5.28	6.89	8.08	1.29	10.06	49		N/A
Dissolved Oxygen	mg/L	C123SR84	WCA-3	Inflow	4.50	2.24	2.54	4.21	6.56	0.76	9.12	78		N/A
Dissolved Oxygen	mg/L	G123	WCA-3	Inflow	4.13	1.85	2.92	3.94	5.23	0.29	10.69	229		N/A
Dissolved Oxygen	mg/L	G204	WCA-3	Inflow	3.97	2.59	2.12	3.37	6.45	0.28	9.08	12		N/A
Dissolved Oxygen	mg/L	G205	WCA-3	Inflow	4.07	2.07	1.96	4.67	5.80	0.36	6.75	14		N/A
Dissolved Oxygen	mg/L	G206	WCA-3	Inflow	4.44	1.84	3.02	4.25	5.98	1.86	8.25	14		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Dissolved Oxygen	mg/L	S11A	WCA-3	Inflow	5.76	1.81	4.42	5.67	7.13	2.22	9.68	85		N/A
Dissolved Oxygen	mg/L	S11B	WCA-3	Inflow	4.31	1.71	3.20	3.97	5.82	1.39	8.02	52		N/A
Dissolved Oxygen	mg/L	S11C	WCA-3	Inflow	3.97	1.95	2.20	3.64	5.43	0.61	9.30	74		N/A
Dissolved Oxygen	mg/L	S140	WCA-3	Inflow	4.92	2.48	2.53	5.17	7.02	0.77	11.60	234		N/A
Dissolved Oxygen	mg/L	S142	WCA-3	Inflow	4.22	1.56	3.11	3.94	5.41	0.70	7.92	95		N/A
Dissolved Oxygen	mg/L	S150	WCA-3	Inflow	4.87	2.04	3.14	4.80	6.63	1.23	9.66	227		N/A
Dissolved Oxygen	mg/L	S151	WCA-3	Inflow	3.72	1.74	2.39	3.59	4.83	0.90	11.61	74		N/A
Dissolved Oxygen	mg/L	S190	WCA-3	Inflow	6.02	2.44	3.81	6.31	8.08	1.56	10.90	127		N/A
Dissolved Oxygen	mg/L	S8	WCA-3	Inflow	5.31	2.28	3.63	5.28	7.00	0.18	13.53	233		N/A
Dissolved Oxygen	mg/L	S9	WCA-3	Inflow	2.63	1.52	1.31	2.51	3.70	0.22	7.21	247		N/A
Dissolved Oxygen	mg/L	3AE05	WCA-3	Interior	1.62	1.84	0.74	1.16	1.85	0.33	9.48	24		N/A
Dissolved Oxygen	mg/L	3AE10	WCA-3	Interior	1.10	0.73	0.66	0.93	1.41	0.19	3.42	32		N/A
Dissolved Oxygen	mg/L	3AE15	WCA-3	Interior	1.62	0.92	1.07	1.43	2.21	0.36	4.67	36		N/A
Dissolved Oxygen	mg/L	3AE20	WCA-3	Interior	2.80	1.22	1.82	2.61	3.50	0.97	6.27	43		N/A
Dissolved Oxygen	mg/L	3AE40	WCA-3	Interior	4.59	1.53	3.83	4.45	5.53	1.08	8.29	41		N/A
Dissolved Oxygen	mg/L	3ANMESO	WCA-3	Interior	2.46	1.48	1.45	2.11	3.14	0.28	7.55	50		N/A
Dissolved Oxygen	mg/L	3ASMESO	WCA-3	Interior	2.90	1.72	1.57	2.51	3.94	0.33	7.90	51		N/A
Dissolved Oxygen	mg/L	3AW05	WCA-3	Interior	1.19	0.95	0.51	0.88	1.42	0.27	4.49	27		N/A
Dissolved Oxygen	mg/L	3AW10	WCA-3	Interior	1.30	0.98	0.77	1.00	1.78	0.19	5.47	35		N/A
Dissolved Oxygen	mg/L	3AW15	WCA-3	Interior	1.69	1.21	0.93	1.50	2.27	0.11	5.58	35		N/A
Dissolved Oxygen	mg/L	3AW20	WCA-3	Interior	1.41	0.86	0.92	1.34	1.70	0.03	4.21	37		N/A
Dissolved Oxygen	mg/L	3AW40	WCA-3	Interior	4.99	1.99	3.56	4.66	6.58	0.77	8.78	45		N/A
Dissolved Oxygen	mg/L	CA311	WCA-3	Interior	3.79	1.61	2.62	3.47	4.61	0.81	8.28	101		N/A
Dissolved Oxygen	mg/L	CA315	WCA-3	Interior	3.51	1.95	2.08	3.22	4.57	0.58	10.10	113		N/A
Dissolved Oxygen	mg/L	CA316	WCA-3	Interior	2.46	1.51	1.29	2.27	3.28	0.25	7.11	107		N/A
Dissolved Oxygen	mg/L	CA317	WCA-3	Interior	4.55	2.29	2.77	4.47	5.68	0.75	13.10	120		N/A
Dissolved Oxygen	mg/L	CA318	WCA-3	Interior	2.85	1.98	1.26	2.40	4.00	0.24	7.42	115		N/A
Dissolved Oxygen	mg/L	CA32	WCA-3	Interior	3.73	2.08	2.15	3.20	5.24	0.42	9.77	70		N/A
Dissolved Oxygen	mg/L	CA33	WCA-3	Interior	3.13	1.82	1.66	2.64	4.39	0.45	8.30	79		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Dissolved Oxygen	mg/L	CA34	WCA-3	Interior	3.46	1.86	2.36	3.04	4.22	0.91	11.20	70		N/A
Dissolved Oxygen	mg/L	CA35	WCA-3	Interior	3.78	1.68	2.22	3.71	5.06	1.08	7.50	58		N/A
Dissolved Oxygen	mg/L	CA36	WCA-3	Interior	1.72	1.11	0.90	1.44	2.68	0.24	4.23	49		N/A
Dissolved Oxygen	mg/L	CA38	WCA-3	Interior	3.14	1.47	2.21	2.77	3.50	1.10	7.85	79		N/A
Dissolved Oxygen	mg/L	S12A	WCA-3	Outflow	4.01	1.68	2.87	3.66	5.16	0.10	9.31	106		N/A
Dissolved Oxygen	mg/L	S12B	WCA-3	Outflow	3.89	1.71	2.71	3.61	4.93	0.17	8.85	105		N/A
Dissolved Oxygen	mg/L	S12C	WCA-3	Outflow	3.59	1.72	2.10	3.51	4.78	0.29	9.32	151		N/A
Dissolved Oxygen	mg/L	S12D	WCA-3	Outflow	3.04	1.41	2.03	2.71	4.08	0.33	7.78	120		N/A
Dissolved Oxygen	mg/L	S197	WCA-3	Outflow	4.35	1.76	2.68	4.10	6.15	2.52	6.51	5		N/A
Dissolved Oxygen	mg/L	S31	WCA-3	Outflow	3.27	1.66	1.99	2.74	4.49	0.51	6.66	39		N/A
Dissolved Oxygen	mg/L	S333	WCA-3	Outflow	3.50	1.41	2.42	3.34	4.53	0.33	7.84	159		N/A
Dissolved Oxygen	mg/L	S334	WCA-3	Outflow	4.62	2.00	3.30	4.82	6.30	0.19	8.01	87		N/A
Dissolved Oxygen	mg/L	S344	WCA-3	Outflow	4.02	1.78	2.41	3.95	5.20	1.94	8.44	16		N/A
Dissolved Oxygen	mg/L	S355A	WCA-3	Outflow	5.59	1.10	4.76	5.50	6.36	3.38	8.32	41		N/A
Dissolved Oxygen	mg/L	S355B	WCA-3	Outflow	5.24	1.87	3.96	4.63	5.96	1.61	10.40	41		N/A
Dissolved Oxygen	mg/L	US41-25	WCA-3	Outflow	2.82	0.96	2.31	2.85	3.38	0.11	6.27	131		N/A
Dissolved Oxygen	mg/L	S12A	Park	Inflow	4.01	1.68	2.87	3.66	5.16	0.10	9.31	106		N/A
Dissolved Oxygen	mg/L	S12B	Park	Inflow	3.89	1.71	2.71	3.61	4.93	0.17	8.85	105		N/A
Dissolved Oxygen	mg/L	S12C	Park	Inflow	3.59	1.72	2.10	3.51	4.78	0.29	9.32	151		N/A
Dissolved Oxygen	mg/L	S12D	Park	Inflow	3.04	1.41	2.03	2.71	4.08	0.33	7.78	120		N/A
Dissolved Oxygen	mg/L	S175	Park	Inflow	3.73	1.87	2.14	3.67	5.21	0.18	7.00	94		N/A
Dissolved Oxygen	mg/L	S176	Park	Inflow	4.08	2.08	2.41	4.21	5.71	0.42	8.68	73		N/A
Dissolved Oxygen	mg/L	S18C	Park	Inflow	5.33	2.57	2.86	5.50	7.61	0.20	12.20	232		N/A
Dissolved Oxygen	mg/L	S332	Park	Inflow	3.37	1.55	2.25	3.14	4.60	0.70	6.47	93		N/A
Dissolved Oxygen	mg/L	S332D	Park	Inflow	2.88	2.05	0.98	2.66	4.51	0.17	9.31	227		N/A
Dissolved Oxygen	mg/L	S333	Park	Inflow	3.50	1.41	2.42	3.34	4.53	0.33	7.84	159		N/A
Dissolved Oxygen	mg/L	S355A	Park	Inflow	5.59	1.10	4.76	5.50	6.36	3.38	8.32	41		N/A
Dissolved Oxygen	mg/L	S355B	Park	Inflow	5.24	1.87	3.96	4.63	5.96	1.61	10.40	41		N/A
Dissolved Oxygen	mg/L	EP	Park	Interior	8.83	0.99	8.11	8.84	9.57	6.86	10.83	34		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Dissolved Oxygen	mg/L	NE1	Park	Interior	2.72	1.45	1.67	2.45	3.42	0.49	6.61	57		N/A
Dissolved Oxygen	mg/L	NP201	Park	Interior	5.24	1.73	3.64	5.36	6.58	1.49	8.50	34		N/A
Dissolved Oxygen	mg/L	P33	Park	Interior	4.31	1.59	3.17	4.28	5.46	0.77	9.10	56		N/A
Dissolved Oxygen	mg/L	P34	Park	Interior	6.68	1.14	6.00	6.64	7.25	3.47	9.10	40		N/A
Dissolved Oxygen	mg/L	P35	Park	Interior	4.24	1.25	3.26	4.15	4.90	2.02	7.22	38		N/A
Dissolved Oxygen	mg/L	P36	Park	Interior	4.17	1.32	3.45	3.91	4.86	1.77	7.86	57		N/A
Dissolved Oxygen	mg/L	P37	Park	Interior	8.07	1.11	7.16	8.07	8.86	6.19	10.40	34		N/A
Dissolved Oxygen	mg/L	TSB	Park	Interior	2.97	1.12	1.92	2.99	3.67	1.36	5.79	43		N/A
Annual Average DO	mg/L	LOX10	Refuge	Interior	3.98	0.52	3.63	3.94	4.36	3.32	4.77	5	0	--
Annual Average DO	mg/L	LOX11	Refuge	Interior	3.78	0.87	3.07	3.41	4.68	2.80	4.94	5	0	--
Annual Average DO	mg/L	LOX12	Refuge	Interior	4.53	0.69	3.95	4.75	5.01	3.38	5.21	5	0	--
Annual Average DO	mg/L	LOX13	Refuge	Interior	4.39	0.64	3.72	4.62	4.95	3.72	5.14	5	0	--
Annual Average DO	mg/L	LOX14	Refuge	Interior	3.75	0.88	2.87	3.80	4.60	2.74	4.81	5	0	--
Annual Average DO	mg/L	LOX15	Refuge	Interior	4.43	0.64	3.78	4.53	5.04	3.69	5.14	5	0	--
Annual Average DO	mg/L	LOX16	Refuge	Interior	2.68	0.63	2.10	2.50	3.35	2.06	3.44	5	60.0±36.0	--
Annual Average DO	mg/L	LOX3	Refuge	Interior	4.85	0.53	4.36	5.01	5.26	4.03	5.43	5	0	--
Annual Average DO	mg/L	LOX4	Refuge	Interior	3.75	1.05	3.19	3.28	4.55	3.13	5.61	5	0	--
Annual Average DO	mg/L	LOX5	Refuge	Interior	4.61	0.60	4.09	4.54	5.21	3.95	5.41	4	0	--
Annual Average DO	mg/L	LOX6	Refuge	Interior	3.91	0.54	3.52	3.65	4.44	3.44	4.76	5	0	--
Annual Average DO	mg/L	LOX7	Refuge	Interior	4.58	1.04	3.70	4.59	5.45	2.90	5.45	5	0	--
Annual Average DO	mg/L	LOX8	Refuge	Interior	5.01	0.55	4.53	4.91	5.54	4.25	5.65	5	0	--
Annual Average DO	mg/L	LOX9	Refuge	Interior	4.24	0.65	3.56	4.45	4.81	3.37	4.93	5	0	--
Annual Average DO	mg/L	LOXA101	Refuge	Interior	2.78	1.34		2.78		1.83	3.72	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA103	Refuge	Interior	2.98	1.15		2.98		2.16	3.79	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA105	Refuge	Interior	2.35	1.86		2.35		1.03	3.66	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA106	Refuge	Interior	2.66	1.09		2.66		1.89	3.43	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA107	Refuge	Interior	2.50	1.82		2.50		1.21	3.79	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA108	Refuge	Interior	3.98	0.42		3.98		3.68	4.28	2	0	--
Annual Average DO	mg/L	LOXA124	Refuge	Interior	2.05	0.21		2.05		1.90	2.2	2	100	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Annual Average DO	mg/L	LOXA130	Refuge	Interior	2.04	0.13		2.04		1.95	2.13	2	100	--
Annual Average DO	mg/L	LOXA136	Refuge	Interior	1.60	1.24		1.60		0.72	2.48	2	100	--
Annual Average DO	mg/L	LOXA137	Refuge	Interior	2.77	1.52		2.77		1.69	3.84	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA138	Refuge	Interior	4.87	3.45		4.87		2.43	7.31	2	0	--
Annual Average DO	mg/L	LOXA139	Refuge	Interior	4.73	3.25		4.73		2.43	7.03	2	0	--
Annual Average DO	mg/L	LOXA140	Refuge	Interior	4.44	3.31		4.44		2.10	6.78	2	50.0±58.2	--
Annual Average DO	mg/L	X1	Refuge	Interior	0.96	0.37	0.67	0.80	1.33	0.60	1.53	5	100	--
Annual Average DO	mg/L	X2	Refuge	Interior	1.96	0.38	1.66	1.82	2.33	1.64	2.57	5	100	--
Annual Average DO	mg/L	X3	Refuge	Interior	2.04	0.44	1.68	1.96	2.46	1.48	2.65	5	100	--
Annual Average DO	mg/L	X4	Refuge	Interior	2.50	0.56	2.00	2.44	3.04	1.79	3.22	5	60.0±36.0	--
Annual Average DO	mg/L	Y4	Refuge	Interior	2.46	0.62	1.81	2.82	2.94	1.64	3.05	5	100	--
Annual Average DO	mg/L	Z1	Refuge	Interior	1.06	0.30	0.77	1.20	1.28	0.59	1.28	5	100	--
Annual Average DO	mg/L	Z2	Refuge	Interior	1.77	0.41	1.45	1.58	2.20	1.33	2.35	5	100	--
Annual Average DO	mg/L	Z3	Refuge	Interior	3.80	0.56	3.24	3.82	4.35	3.14	4.43	5	0	--
Annual Average DO	mg/L	Z4	Refuge	Interior	4.19	1.10	3.17	4.26	5.18	3.10	5.81	5	0	--
Annual Average DO	mg/L	404C2	WCA-2	Interior	3.69	0.85	3.06	3.53	4.41	2.92	5.12	5	0	--
Annual Average DO	mg/L	404Z1	WCA-2	Interior	2.16	0.28	1.85	2.22	2.41	1.85	2.41	3	100	--
Annual Average DO	mg/L	CA215	WCA-2	Interior	5.19	1.64	3.75	4.73	6.86	3.64	7.5	5	0	--
Annual Average DO	mg/L	CA27	WCA-2	Interior	3.68	0.78	3.01	3.53	4.42	2.77	4.81	5	0	--
Annual Average DO	mg/L	CA28	WCA-2	Interior	2.38	0.69	1.88	2.14	3.00	1.68	3.49	5	40.0±36.0	--
Annual Average DO	mg/L	CA29	WCA-2	Interior	4.47	0.81	3.75	4.30	5.28	3.64	5.6	5	0	--
Annual Average DO	mg/L	E1	WCA-2	Interior	1.47	0.64	0.96	1.14	2.16	0.84	2.28	5	100	--
Annual Average DO	mg/L	E2	WCA-2	Interior	1.05	0.38	0.67	1.13	1.36	0.58	1.37	4	100	--
Annual Average DO	mg/L	E3	WCA-2	Interior	1.50	0.36	1.13	1.62	1.81	0.97	1.84	5	100	--
Annual Average DO	mg/L	E4	WCA-2	Interior	1.48	0.41	1.10	1.51	1.84	0.89	1.97	5	100	--
Annual Average DO	mg/L	E5	WCA-2	Interior	4.26	0.86	3.50	4.52	4.90	2.90	5.19	5	0	--
Annual Average DO	mg/L	F1	WCA-2	Interior	1.95	0.39	1.65	1.73	2.36	1.60	2.48	5	100	--
Annual Average DO	mg/L	F2	WCA-2	Interior	2.01	0.55	1.68	1.75	2.48	1.67	2.96	5	100	--
Annual Average DO	mg/L	F3	WCA-2	Interior	2.43	0.73	1.73	2.56	3.06	1.35	3.18	5	100	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Annual Average DO	mg/L	F4	WCA-2	Interior	2.51	0.67	1.87	2.63	3.10	1.82	3.47	5	80.0±29.4	--
Annual Average DO	mg/L	F5	WCA-2	Interior	3.46	0.60	2.96	3.23	4.08	2.72	4.11	5	20.0±29.4	--
Annual Average DO	mg/L	N1	WCA-2	Interior	2.20	0.72	1.62	1.91	2.93	1.39	3.21	5	60.0±36.0	--
Annual Average DO	mg/L	S145	WCA-2	Interior	4.77	0.24	4.56	4.76	4.99	4.41	4.99	5	0	--
Annual Average DO	mg/L	U1	WCA-2	Interior	2.75	0.83	1.94	2.90	3.48	1.93	3.9	5	60.0±36.0	--
Annual Average DO	mg/L	U2	WCA-2	Interior	4.87	0.90	4.12	5.21	5.46	3.35	5.68	5	0	--
Annual Average DO	mg/L	U3	WCA-2	Interior	3.68	0.77	2.94	3.72	4.40	2.83	4.71	5	0	--
Annual Average DO	mg/L	3AE05	WCA-3	Interior	1.26	0.23	1.00	1.33	1.45	1.00	1.45	3	100	--
Annual Average DO	mg/L	3AE10	WCA-3	Interior	1.14	0.20	0.96	1.15	1.33	0.94	1.34	4	100	--
Annual Average DO	mg/L	3AE15	WCA-3	Interior	1.59	0.46	1.23	1.38	2.07	1.21	2.28	5	100	--
Annual Average DO	mg/L	3AE20	WCA-3	Interior	2.92	0.47	2.59	2.93	3.25	2.24	3.56	5	60.0±36.0	--
Annual Average DO	mg/L	3AE40	WCA-3	Interior	4.61	0.91	3.81	4.54	5.46	3.28	5.56	5	0	--
Annual Average DO	mg/L	3ANMESO	WCA-3	Interior	2.48	0.69	1.95	2.12	3.19	1.89	3.52	5	60.0±36.0	--
Annual Average DO	mg/L	3ASMESO	WCA-3	Interior	2.97	1.04	2.22	2.26	4.08	2.18	4.43	5	60.0±36.0	--
Annual Average DO	mg/L	3AW05	WCA-3	Interior	1.16	0.30	0.86	1.28	1.42	0.74	1.44	5	100	--
Annual Average DO	mg/L	3AW10	WCA-3	Interior	1.26	0.53	0.86	1.12	1.80	0.78	2.02	4	100	--
Annual Average DO	mg/L	3AW15	WCA-3	Interior	1.51	0.27	1.26	1.49	1.78	1.21	1.84	4	100	--
Annual Average DO	mg/L	3AW20	WCA-3	Interior	1.35	0.31	1.06	1.39	1.63	0.93	1.74	5	100	--
Annual Average DO	mg/L	3AW40	WCA-3	Interior	4.99	1.08	4.14	5.17	5.74	3.14	5.88	5	0	--
Annual Average DO	mg/L	CA311	WCA-3	Interior	3.86	0.67	3.46	3.54	4.44	3.38	5.03	5	0	--
Annual Average DO	mg/L	CA315	WCA-3	Interior	3.59	0.66	3.23	3.23	4.14	3.22	4.74	5	0	--
Annual Average DO	mg/L	CA316	WCA-3	Interior	2.50	0.63	1.85	2.78	3.02	1.71	3.24	5	40.0±36.0	--
Annual Average DO	mg/L	CA317	WCA-3	Interior	4.59	1.14	3.48	4.66	5.66	3.36	6.12	5	0	--
Annual Average DO	mg/L	CA318	WCA-3	Interior	2.91	0.58	2.37	2.95	3.43	2.36	3.76	5	40.0±36.0	--
Annual Average DO	mg/L	CA32	WCA-3	Interior	4.10	1.53	3.07	3.55	5.41	3.06	6.72	5	0	--
Annual Average DO	mg/L	CA33	WCA-3	Interior	3.43	1.09	2.57	3.00	4.52	2.45	5.1	5	20.0±29.4	--
Annual Average DO	mg/L	CA34	WCA-3	Interior	3.57	0.50	3.18	3.45	4.03	3.09	4.37	5	0	--
Annual Average DO	mg/L	CA35	WCA-3	Interior	3.84	0.29	3.63	3.76	4.09	3.50	4.28	5	0	--
Annual Average DO	mg/L	CA36	WCA-3	Interior	2.03	0.88	1.36	1.46	2.98	1.30	3.1	5	60.0±36.0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Annual Average DO	mg/L	CA38	WCA-3	Interior	3.27	0.51	2.76	3.30	3.76	2.66	3.83	5	0	--
Annual Average DO	mg/L	EP	Park	Interior	8.77	0.41	8.41	8.62	9.20	8.32	9.27	5	0	--
Annual Average DO	mg/L	NE1	Park	Interior	2.75	0.64	2.22	2.63	3.33	2.17	3.78	5	60.0±36.0	--
Annual Average DO	mg/L	NP201	Park	Interior	5.25	0.19	5.04	5.33	5.39	5.04	5.39	3	0	--
Annual Average DO	mg/L	P33	Park	Interior	4.30	0.64	3.74	4.19	4.93	3.47	5.09	5	0	--
Annual Average DO	mg/L	P34	Park	Interior	6.70	0.58	6.13	6.85	7.21	6.05	7.48	5	0	--
Annual Average DO	mg/L	P35	Park	Interior	4.21	0.48	3.75	4.23	4.67	3.69	4.85	5	0	--
Annual Average DO	mg/L	P36	Park	Interior	4.20	0.55	3.68	4.38	4.63	3.37	4.83	5	0	--
Annual Average DO	mg/L	P37	Park	Interior	8.08	0.34	7.84	7.98	8.38	7.80	8.65	5	0	--
Annual Average DO	mg/L	TSB	Park	Interior	2.97	0.41	2.60	3.01	3.33	2.33	3.38	5	0	--
pH	Units	ACME1DS	Refuge	Inflow	7.58	0.29	7.35	7.59	7.77	7.00	8.38	67	0	NC
pH	Units	ENR012	Refuge	Inflow	7.40	0.17	7.30	7.39	7.48	6.84	7.98	258	0	NC
pH	Units	G300	Refuge	Inflow	7.39	0.29	7.23	7.32	7.53	7.04	8.10	10	0	--
pH	Units	G301	Refuge	Inflow	7.39	0.15	7.25	7.38	7.54	7.21	7.61	6	0	--
pH	Units	G310	Refuge	Inflow	7.61	0.25	7.44	7.59	7.80	6.97	8.54	258	0.4±0.6	MC
pH	Units	G94D	Refuge	Inflow	7.46	0.32	7.20	7.45	7.73	6.60	8.02	72	0	NC
pH	Units	S362	Refuge	Inflow	7.87	0.27	7.70	7.84	8.09	7.20	8.71	103	1.0±1.6	MC
pH	Units	LOXA104	Refuge	Rim	7.65	0.24	7.50	7.64	7.81	7.16	8.03	23	0	--
pH	Units	LOXA135	Refuge	Rim	7.55	0.31	7.24	7.56	7.82	7.09	8.11	23	0	--
pH	Units	X0	Refuge	Rim	7.50	0.23	7.33	7.50	7.65	6.94	7.98	55	0	NC
pH	Units	Z0	Refuge	Rim	7.54	0.22	7.37	7.55	7.74	7.16	8.04	57	0	NC
pH	Units	LOX10	Refuge	Interior	6.77	0.36	6.59	6.76	6.95	5.50	7.90	41	2.4±4.0	MC
pH	Units	LOX11	Refuge	Interior	6.42	0.49	6.05	6.31	6.62	5.69	7.80	52	19.2±9.0	C
pH	Units	LOX12	Refuge	Interior	7.03	0.30	6.80	7.05	7.20	6.38	8.02	58	0	NC
pH	Units	LOX13	Refuge	Interior	6.36	0.39	6.14	6.36	6.55	5.58	7.90	46	17.4±9.2	C
pH	Units	LOX14	Refuge	Interior	6.65	0.25	6.56	6.67	6.81	5.90	7.40	55	1.8±3.0	MC
pH	Units	LOX15	Refuge	Interior	7.17	0.23	7.02	7.18	7.37	6.54	7.57	56	0	NC
pH	Units	LOX16	Refuge	Interior	6.59	0.25	6.43	6.56	6.70	5.97	7.29	54	1.9±3.0	MC
pH	Units	LOX3	Refuge	Interior	6.75	0.65	6.20	6.71	7.41	5.13	7.73	25	8.0±8.9	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
pH	Units	LOX4	Refuge	Interior	6.78	0.26	6.64	6.80	6.91	6.03	7.80	44	0	NC
pH	Units	LOX5	Refuge	Interior	6.46	0.46	6.20	6.32	6.85	5.02	7.22	29	3.4±5.6	MC
pH	Units	LOX6	Refuge	Interior	6.96	0.35	6.71	6.94	7.18	6.28	7.60	53	0	NC
pH	Units	LOX7	Refuge	Interior	6.41	0.39	6.15	6.37	6.59	5.30	7.80	52	7.7±6.1	MC
pH	Units	LOX8	Refuge	Interior	6.40	0.45	6.12	6.30	6.64	5.17	7.80	54	9.3±6.5	MC
pH	Units	LOX9	Refuge	Interior	6.60	0.49	6.31	6.42	6.92	5.16	7.80	39	2.6±4.2	MC
pH	Units	LOXA101	Refuge	Interior	7.05	0.19	6.96	7.07	7.21	6.63	7.34	14	0	--
pH	Units	LOXA103	Refuge	Interior	6.91	0.25	6.72	6.93	7.10	6.42	7.28	14	0	--
pH	Units	LOXA105	Refuge	Interior	6.85	0.26	6.72	6.86	7.02	6.13	7.16	15	0	--
pH	Units	LOXA106	Refuge	Interior	6.67	0.28	6.57	6.66	6.89	5.92	7.02	13	7.7±12.2	--
pH	Units	LOXA107	Refuge	Interior	6.63	0.28	6.52	6.59	6.90	6.07	7.01	10	0	--
pH	Units	LOXA108	Refuge	Interior	6.62	0.26	6.38	6.57	6.84	6.30	7.06	9	0	--
pH	Units	LOXA124	Refuge	Interior	6.49	0.37	6.21	6.36	6.74	5.93	7.30	19	5.3±8.4	--
pH	Units	LOXA130	Refuge	Interior	6.84	0.22	6.73	6.90	7.01	6.42	7.10	19	0	--
pH	Units	LOXA136	Refuge	Interior	6.78	0.26	6.58	6.77	7.02	6.35	7.21	12	0	--
pH	Units	LOXA137	Refuge	Interior	6.72	0.25	6.55	6.71	6.95	6.26	7.12	20	0	--
pH	Units	LOXA138	Refuge	Interior	6.90	0.41	6.57	6.81	7.18	6.39	7.90	17	0	--
pH	Units	LOXA139	Refuge	Interior	6.57	0.45	6.34	6.43	6.74	6.02	7.87	14	0	--
pH	Units	LOXA140	Refuge	Interior	6.91	0.21	6.73	6.84	7.03	6.69	7.37	16	0	--
pH	Units	X1	Refuge	Interior	7.08	0.17	7.00	7.07	7.22	6.69	7.36	44	0	NC
pH	Units	X2	Refuge	Interior	6.85	0.28	6.53	6.91	7.10	6.30	7.27	51	0	NC
pH	Units	X3	Refuge	Interior	6.80	0.34	6.57	6.84	7.10	6.00	7.41	56	1.8±2.9	MC
pH	Units	X4	Refuge	Interior	6.83	0.43	6.49	6.76	7.21	6.04	7.73	57	0	NC
pH	Units	Y4	Refuge	Interior	6.78	0.34	6.54	6.80	6.99	6.11	7.72	55	0	NC
pH	Units	Z1	Refuge	Interior	7.16	0.16	7.03	7.15	7.28	6.85	7.58	53	0	NC
pH	Units	Z2	Refuge	Interior	7.07	0.21	6.90	7.08	7.22	6.68	7.81	51	0	NC
pH	Units	Z3	Refuge	Interior	7.05	0.30	6.85	7.07	7.31	6.35	7.53	56	0	NC
pH	Units	Z4	Refuge	Interior	6.89	0.32	6.64	6.95	7.11	6.02	7.81	54	0	NC
pH	Units	G94B	Refuge	Outflow	7.34	0.27	7.19	7.34	7.56	6.60	7.98	61	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
pH	Units	S10A	Refuge	Outflow	7.70	0.40	7.41	7.76	7.99	6.67	8.62	30	3.3±5.4	MC
pH	Units	S10C	Refuge	Outflow	7.74	0.37	7.48	7.77	7.98	6.77	8.56	29	3.4±5.6	MC
pH	Units	S10D	Refuge	Outflow	7.62	0.30	7.40	7.63	7.81	6.58	8.29	70	0	NC
pH	Units	S10E	Refuge	Outflow	7.61	0.26	7.45	7.63	7.80	7.01	8.11	33	0	NC
pH	Units	S39	Refuge	Outflow	7.68	0.35	7.40	7.72	7.92	6.75	8.38	78	0	NC
pH	Units	E0	WCA-2	Inflow	7.60	0.22	7.49	7.60	7.69	7.06	8.21	53	0	NC
pH	Units	F0	WCA-2	Inflow	7.56	0.24	7.44	7.55	7.69	7.01	8.15	55	0	NC
pH	Units	G335	WCA-2	Inflow	7.60	0.20	7.49	7.58	7.70	6.97	8.35	259	0	NC
pH	Units	G339	WCA-2	Inflow	7.29			7.29		7.29	7.29	1	0	--
pH	Units	S10A	WCA-2	Inflow	7.70	0.40	7.41	7.76	7.99	6.67	8.62	30	3.3±5.4	MC
pH	Units	S10C	WCA-2	Inflow	7.74	0.37	7.48	7.77	7.98	6.77	8.56	29	3.4±5.6	MC
pH	Units	S10D	WCA-2	Inflow	7.62	0.30	7.40	7.63	7.81	6.58	8.29	70	0	NC
pH	Units	S10E	WCA-2	Inflow	7.61	0.26	7.45	7.63	7.80	7.01	8.11	33	0	NC
pH	Units	S38B	WCA-2	Inflow	7.36	0.16	7.23	7.34	7.50	7.14	7.66	10	0	--
pH	Units	S7	WCA-2	Inflow	7.54	0.27	7.36	7.56	7.70	6.72	8.36	238	0	NC
pH	Units	404C2	WCA-2	Interior	7.44	0.22	7.37	7.47	7.55	6.68	7.84	40	0	NC
pH	Units	404Z1	WCA-2	Interior	7.41	0.19	7.32	7.41	7.53	6.89	7.77	24	0	--
pH	Units	CA215	WCA-2	Interior	7.63	0.21	7.50	7.61	7.78	6.87	8.27	98	0	NC
pH	Units	CA27	WCA-2	Interior	7.36	0.33	7.30	7.38	7.50	4.82	8.13	93	1.1±1.8	MC
pH	Units	CA28	WCA-2	Interior	7.44	0.13	7.36	7.44	7.53	7.03	7.72	78	0	NC
pH	Units	CA29	WCA-2	Interior	7.59	0.17	7.47	7.59	7.66	7.10	8.35	99	0	NC
pH	Units	E1	WCA-2	Interior	7.26	0.16	7.15	7.27	7.39	6.88	7.55	41	0	NC
pH	Units	E2	WCA-2	Interior	7.26	0.16	7.15	7.24	7.38	6.94	7.63	31	0	NC
pH	Units	E3	WCA-2	Interior	7.27	0.16	7.14	7.31	7.38	6.87	7.61	38	0	NC
pH	Units	E4	WCA-2	Interior	7.23	0.17	7.14	7.21	7.35	6.83	7.69	37	0	NC
pH	Units	E5	WCA-2	Interior	7.48	0.17	7.36	7.52	7.58	7.08	7.90	44	0	NC
pH	Units	F1	WCA-2	Interior	7.34	0.26	7.22	7.35	7.48	6.56	8.70	103	1.0±1.6	MC
pH	Units	F2	WCA-2	Interior	7.31	0.25	7.20	7.32	7.47	6.50	8.18	124	0	NC
pH	Units	F3	WCA-2	Interior	7.33	0.21	7.19	7.35	7.49	6.80	7.79	54	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
pH	Units	F4	WCA-2	Interior	7.26	0.23	7.17	7.27	7.42	6.35	7.85	123	0	NC
pH	Units	F5	WCA-2	Interior	7.43	0.29	7.33	7.47	7.61	6.34	8.00	46	0	NC
pH	Units	N1	WCA-2	Interior	7.50	0.28	7.35	7.49	7.60	7.03	8.81	46	2.2±3.5	MC
pH	Units	S145	WCA-2	Interior	7.55	0.25	7.38	7.57	7.73	6.91	8.08	83	0	NC
pH	Units	U1	WCA-2	Interior	7.37	0.26	7.21	7.39	7.53	6.29	7.83	43	0	NC
pH	Units	U2	WCA-2	Interior	7.58	0.23	7.41	7.57	7.71	7.07	8.27	41	0	NC
pH	Units	U3	WCA-2	Interior	7.47	0.24	7.36	7.50	7.64	6.73	7.91	44	0	NC
pH	Units	S11A	WCA-2	Outflow	7.67	0.31	7.46	7.66	7.88	6.82	8.62	87	1.1±1.9	MC
pH	Units	S11B	WCA-2	Outflow	7.48	0.34	7.30	7.53	7.70	6.50	8.20	54	0	NC
pH	Units	S11C	WCA-2	Outflow	7.49	0.27	7.34	7.50	7.64	6.75	8.24	78	0	NC
pH	Units	S34	WCA-2	Outflow	7.55	0.30	7.35	7.55	7.76	6.23	8.20	87	0	NC
pH	Units	S38	WCA-2	Outflow	7.48	0.23	7.37	7.50	7.60	6.87	8.03	88	0	NC
pH	Units	3AE0	WCA-3	Inflow	7.79	0.49	7.42	7.99	8.14	6.08	8.50	45	0	NC
pH	Units	3AW0	WCA-3	Inflow	7.84	0.40	7.54	8.03	8.16	6.98	8.45	48	0	NC
pH	Units	C123SR84	WCA-3	Inflow	7.40	0.29	7.23	7.39	7.61	6.72	8.00	80	0	NC
pH	Units	G123	WCA-3	Inflow	7.45	0.23	7.29	7.46	7.61	6.69	8.70	237	0.4±0.7	MC
pH	Units	G204	WCA-3	Inflow	7.46	0.37	7.13	7.47	7.80	6.89	8.01	12	0	--
pH	Units	G205	WCA-3	Inflow	7.53	0.32	7.23	7.54	7.81	7.03	8.10	14	0	--
pH	Units	G206	WCA-3	Inflow	7.49	0.30	7.20	7.51	7.73	6.94	8.00	14	0	--
pH	Units	S11A	WCA-3	Inflow	7.67	0.31	7.46	7.66	7.88	6.82	8.62	87	1.1±1.9	MC
pH	Units	S11B	WCA-3	Inflow	7.48	0.34	7.30	7.53	7.70	6.50	8.20	54	0	NC
pH	Units	S11C	WCA-3	Inflow	7.49	0.27	7.34	7.50	7.64	6.75	8.24	78	0	NC
pH	Units	S140	WCA-3	Inflow	7.49	0.37	7.21	7.50	7.76	6.41	8.40	242	0	NC
pH	Units	S142	WCA-3	Inflow	7.53	0.23	7.37	7.54	7.67	6.88	8.10	97	0	NC
pH	Units	S150	WCA-3	Inflow	7.58	0.24	7.44	7.59	7.73	6.93	8.15	235	0	NC
pH	Units	S151	WCA-3	Inflow	7.40	0.22	7.24	7.44	7.53	6.80	7.90	76	0	NC
pH	Units	S190	WCA-3	Inflow	7.59	0.39	7.29	7.63	7.96	6.76	8.33	128	0	NC
pH	Units	S8	WCA-3	Inflow	7.55	0.36	7.30	7.51	7.78	6.58	8.85	240	1.7±1.4	MC
pH	Units	S9	WCA-3	Inflow	7.28	0.18	7.19	7.30	7.40	6.43	7.80	257	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
pH	Units	3AE05	WCA-3	Interior	7.15	0.28	6.98	7.12	7.20	6.81	8.26	23	0	--
pH	Units	3AE10	WCA-3	Interior	7.05	0.45	7.03	7.13	7.21	4.73	7.48	31	3.2±5.2	MC
pH	Units	3AE15	WCA-3	Interior	7.24	0.14	7.13	7.25	7.30	6.98	7.52	35	0	NC
pH	Units	3AE20	WCA-3	Interior	7.29	0.17	7.20	7.31	7.39	6.92	7.67	42	0	NC
pH	Units	3AE40	WCA-3	Interior	7.44	0.19	7.33	7.47	7.59	6.76	7.80	41	0	NC
pH	Units	3ANMESO	WCA-3	Interior	7.22	0.21	7.08	7.22	7.38	6.75	7.84	51	0	NC
pH	Units	3ASMESO	WCA-3	Interior	7.29	0.26	7.15	7.27	7.42	6.82	7.92	50	0	NC
pH	Units	3AW05	WCA-3	Interior	7.15	0.12	7.08	7.13	7.22	6.94	7.46	26	0	--
pH	Units	3AW10	WCA-3	Interior	7.12	0.15	7.04	7.10	7.21	6.72	7.60	33	0	NC
pH	Units	3AW15	WCA-3	Interior	7.16	0.12	7.08	7.17	7.27	6.92	7.41	34	0	NC
pH	Units	3AW20	WCA-3	Interior	7.19	0.14	7.11	7.19	7.30	6.75	7.46	36	0	NC
pH	Units	3AW40	WCA-3	Interior	7.48	0.27	7.27	7.55	7.70	6.87	7.93	44	0	NC
pH	Units	CA311	WCA-3	Interior	7.28	0.18	7.17	7.29	7.40	6.77	7.72	102	0	NC
pH	Units	CA315	WCA-3	Interior	7.19	0.28	7.06	7.21	7.32	6.40	8.17	114	0	NC
pH	Units	CA316	WCA-3	Interior	7.29	0.18	7.20	7.28	7.38	6.75	7.78	108	0	NC
pH	Units	CA317	WCA-3	Interior	7.54	0.34	7.45	7.57	7.68	4.48	8.00	121	0.8±1.4	MC
pH	Units	CA318	WCA-3	Interior	7.30	0.22	7.18	7.30	7.46	6.76	7.84	116	0	NC
pH	Units	CA32	WCA-3	Interior	7.34	0.23	7.14	7.34	7.50	6.92	7.77	68	0	NC
pH	Units	CA33	WCA-3	Interior	7.32	0.18	7.21	7.32	7.43	6.99	8.01	76	0	NC
pH	Units	CA34	WCA-3	Interior	7.25	0.19	7.14	7.23	7.38	6.58	7.77	70	0	NC
pH	Units	CA35	WCA-3	Interior	7.32	0.20	7.20	7.37	7.46	6.91	7.68	58	0	NC
pH	Units	CA36	WCA-3	Interior	7.26	0.11	7.19	7.24	7.35	7.00	7.52	51	0	NC
pH	Units	CA38	WCA-3	Interior	7.24	0.16	7.12	7.23	7.33	6.91	7.70	79	0	NC
pH	Units	S12A	WCA-3	Outflow	7.26	0.22	7.12	7.22	7.37	6.84	8.10	106	0	NC
pH	Units	S12B	WCA-3	Outflow	7.25	0.22	7.10	7.22	7.37	6.89	8.10	107	0	NC
pH	Units	S12C	WCA-3	Outflow	7.25	0.17	7.16	7.25	7.35	6.83	7.80	155	0	NC
pH	Units	S12D	WCA-3	Outflow	7.28	0.14	7.21	7.30	7.39	6.77	7.62	121	0	NC
pH	Units	S197	WCA-3	Outflow	7.35	0.28	7.12	7.29	7.59	7.07	7.82	6	0	--
pH	Units	S31	WCA-3	Outflow	7.46	0.20	7.32	7.46	7.59	7.01	8.00	40	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
pH	Units	S333	WCA-3	Outflow	7.34	0.16	7.26	7.35	7.44	6.82	7.98	162	0	NC
pH	Units	S334	WCA-3	Outflow	7.48	0.24	7.31	7.49	7.63	6.95	8.12	88	0	NC
pH	Units	S344	WCA-3	Outflow	7.26	0.18	7.13	7.30	7.37	7.00	7.67	17	0	--
pH	Units	S355A	WCA-3	Outflow	7.47	0.23	7.33	7.45	7.67	7.01	7.92	40	0	NC
pH	Units	S355B	WCA-3	Outflow	7.42	0.35	7.19	7.36	7.55	6.89	8.37	40	0	NC
pH	Units	US41-25	WCA-3	Outflow	7.17	0.18	7.07	7.18	7.29	6.65	7.77	129	0	NC
pH	Units	S12A	Park	Inflow	7.26	0.22	7.12	7.22	7.37	6.84	8.10	106	0	NC
pH	Units	S12B	Park	Inflow	7.25	0.22	7.10	7.22	7.37	6.89	8.10	107	0	NC
pH	Units	S12C	Park	Inflow	7.25	0.17	7.16	7.25	7.35	6.83	7.80	155	0	NC
pH	Units	S12D	Park	Inflow	7.28	0.14	7.21	7.30	7.39	6.77	7.62	121	0	NC
pH	Units	S175	Park	Inflow	7.43	0.25	7.24	7.40	7.67	6.88	8.00	94	0	NC
pH	Units	S176	Park	Inflow	7.47	0.24	7.27	7.50	7.60	6.90	8.11	74	0	NC
pH	Units	S18C	Park	Inflow	7.58	0.38	7.27	7.60	7.90	6.57	8.24	234	0	NC
pH	Units	S332	Park	Inflow	7.40	0.22	7.22	7.36	7.59	6.97	7.90	93	0	NC
pH	Units	S332D	Park	Inflow	7.32	0.25	7.14	7.30	7.50	6.44	8.02	230	0	NC
pH	Units	S333	Park	Inflow	7.34	0.16	7.26	7.35	7.44	6.82	7.98	162	0	NC
pH	Units	S355A	Park	Inflow	7.47	0.23	7.33	7.45	7.67	7.01	7.92	40	0	NC
pH	Units	S355B	Park	Inflow	7.42	0.35	7.19	7.36	7.55	6.89	8.37	40	0	NC
pH	Units	EP	Park	Interior	7.96	0.13	7.87	7.93	8.03	7.72	8.31	36	0	NC
pH	Units	NE1	Park	Interior	7.32	0.14	7.22	7.33	7.41	7.08	7.63	58	0	NC
pH	Units	NP201	Park	Interior	7.62	0.22	7.50	7.67	7.76	6.74	7.88	35	0	NC
pH	Units	P33	Park	Interior	7.42	0.12	7.35	7.42	7.49	7.20	7.70	57	0	NC
pH	Units	P34	Park	Interior	7.88	0.15	7.76	7.87	7.98	7.60	8.23	41	0	NC
pH	Units	P35	Park	Interior	7.42	0.18	7.29	7.40	7.54	7.13	7.90	39	0	NC
pH	Units	P36	Park	Interior	7.45	0.15	7.36	7.42	7.50	7.15	7.99	58	0	NC
pH	Units	P37	Park	Interior	7.92	0.32	7.77	7.97	8.15	7.22	8.53	35	2.9±4.6	MC
pH	Units	TSB	Park	Interior	7.36	0.16	7.26	7.38	7.47	7.00	7.80	44	0	NC
Specific Conductance	µmho/cm	ACME1DS	Refuge	Inflow	741	164	631	762	833	310	1121	66	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	ENR012	Refuge	Inflow	1077	188	944	1107	1216	579	1511	257	12.8±3.4	C
Specific Conductance	µmho/cm	G300	Refuge	Inflow	990	221	769	1025	1167	593	1259	10	0	--
Specific Conductance	µmho/cm	G301	Refuge	Inflow	999	177	839	1011	1156	741	1231	6	0	--
Specific Conductance	µmho/cm	G310	Refuge	Inflow	1050	204	896	1058	1209	553	1467	257	14.0±3.6	C
Specific Conductance	µmho/cm	G94D	Refuge	Inflow	628	156	524	585	739	297	1116	71	0	NC
Specific Conductance	µmho/cm	S362	Refuge	Inflow	972	220	821	932	1098	620	1471	103	12.6±5.4	PC
Specific Conductance	µmho/cm	LOXA104	Refuge	Rim	974	166	845	953	1101	713	1354	23	4.3±7.0	--
Specific Conductance	µmho/cm	LOXA135	Refuge	Rim	797	198	615	798	936	455	1161	23	0	--
Specific Conductance	µmho/cm	X0	Refuge	Rim	916	231	762	919	1056	334	1432	55	5.5±5.0	MC
Specific Conductance	µmho/cm	Z0	Refuge	Rim	1038	1022	755	920	1043	337	8360	56	7.1±5.7	MC
Specific Conductance	µmho/cm	LOX10	Refuge	Interior	289	194	134	219	369	95	778	38	0	NC
Specific Conductance	µmho/cm	LOX11	Refuge	Interior	114	38	93	104	130	47	225	49	0	NC
Specific Conductance	µmho/cm	LOX12	Refuge	Interior	311	184	205	242	313	118	898	56	0	NC
Specific Conductance	µmho/cm	LOX13	Refuge	Interior	110	26	90	106	119	57	186	43	0	NC
Specific Conductance	µmho/cm	LOX14	Refuge	Interior	222	145	142	200	241	77	757	53	0	NC
Specific Conductance	µmho/cm	LOX15	Refuge	Interior	517	218	333	506	709	171	1009	55	0	NC
Specific Conductance	µmho/cm	LOX16	Refuge	Interior	200	100	155	173	217	97	654	52	0	NC
Specific Conductance	µmho/cm	LOX3	Refuge	Interior	115	31	90	109	137	70	185	25	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	LOX4	Refuge	Interior	432	186	292	433	544	194	970	41	0	NC
Specific Conductance	µmho/cm	LOX5	Refuge	Interior	111	22	95	114	125	74	160	28	0	NC
Specific Conductance	µmho/cm	LOX6	Refuge	Interior	273	144	188	251	295	102	792	52	0	NC
Specific Conductance	µmho/cm	LOX7	Refuge	Interior	123	40	95	113	139	68	267	48	0	NC
Specific Conductance	µmho/cm	LOX8	Refuge	Interior	117	42	88	109	137	52	260	49	0	NC
Specific Conductance	µmho/cm	LOX9	Refuge	Interior	131	42	99	127	154	49	209	36	0	NC
Specific Conductance	µmho/cm	LOXA101	Refuge	Interior	615	139	525	624	724	318	802	15	0	--
Specific Conductance	µmho/cm	LOXA103	Refuge	Interior	385	202	276	309	417	166	873	15	0	--
Specific Conductance	µmho/cm	LOXA105	Refuge	Interior	605	210	475	485	763	333	942	15	0	--
Specific Conductance	µmho/cm	LOXA106	Refuge	Interior	410	184	252	372	525	197	819	13	0	--
Specific Conductance	µmho/cm	LOXA107	Refuge	Interior	316	211	202	218	385	153	762	10	0	--
Specific Conductance	µmho/cm	LOXA108	Refuge	Interior	188	50	146	183	241	121	274	11	0	--
Specific Conductance	µmho/cm	LOXA124	Refuge	Interior	168	49	115	165	191	99	268	19	0	--
Specific Conductance	µmho/cm	LOXA130	Refuge	Interior	514	203	348	500	670	171	852	19	0	--
Specific Conductance	µmho/cm	LOXA136	Refuge	Interior	501	209	367	410	669	183	934	12	0	--
Specific Conductance	µmho/cm	LOXA137	Refuge	Interior	354	160	260	312	457	120	682	19	0	--
Specific Conductance	µmho/cm	LOXA138	Refuge	Interior	249	144	153	207	284	96	597	16	0	--
Specific Conductance	µmho/cm	LOXA139	Refuge	Interior	127	34	97	135	149	86	184	13	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	LOXA140	Refuge	Interior	330	149	222	296	367	158	657	15	0	--
Specific Conductance	µmho/cm	X1	Refuge	Interior	827	241	657	878	1005	172	1263	44	0	NC
Specific Conductance	µmho/cm	X2	Refuge	Interior	545	295	284	527	816	45	1033	51	0	NC
Specific Conductance	µmho/cm	X3	Refuge	Interior	408	273	199	299	659	101	990	56	0	NC
Specific Conductance	µmho/cm	X4	Refuge	Interior	274	185	138	202	337	101	765	56	0	NC
Specific Conductance	µmho/cm	Y4	Refuge	Interior	297	211	157	209	344	96	846	55	0	NC
Specific Conductance	µmho/cm	Z1	Refuge	Interior	841	229	730	842	1017	266	1243	53	0	NC
Specific Conductance	µmho/cm	Z2	Refuge	Interior	632	226	465	634	852	169	948	51	0	NC
Specific Conductance	µmho/cm	Z3	Refuge	Interior	370	220	227	288	458	111	955	56	0	NC
Specific Conductance	µmho/cm	Z4	Refuge	Interior	293	197	169	216	326	115	842	54	0	NC
Specific Conductance	µmho/cm	G94B	Refuge	Outflow	635	200	482	644	761	211	1072	60	0	NC
Specific Conductance	µmho/cm	S10A	Refuge	Outflow	645	207	495	670	825	222	991	30	0	NC
Specific Conductance	µmho/cm	S10C	Refuge	Outflow	745	294	547	778	1011	142	1152	29	0	NC
Specific Conductance	µmho/cm	S10D	Refuge	Outflow	888	220	757	906	1048	294	1283	70	1.4±2.3	MC
Specific Conductance	µmho/cm	S10E	Refuge	Outflow	925	208	735	887	1115	652	1314	33	6.1±6.8	MC
Specific Conductance	µmho/cm	S39	Refuge	Outflow	659	227	455	698	827	160	1160	77	0	NC
Specific Conductance	µmho/cm	E0	WCA-2	Inflow	994	237	853	1052	1139	279	1486	53	5.7±5.2	MC
Specific Conductance	µmho/cm	F0	WCA-2	Inflow	991	214	876	1051	1125	315	1360	55	5.5±5.0	MC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	G335	WCA-2	Inflow	1213	149	1145	1238	1313	684	1515	258	33.7±4.8	C
Specific Conductance	µmho/cm	G339	WCA-2	Inflow	1176			1176		1176	1176	1	0	--
Specific Conductance	µmho/cm	S10A	WCA-2	Inflow	645	207	495	670	825	222	991	30	0	NC
Specific Conductance	µmho/cm	S10C	WCA-2	Inflow	745	294	547	778	1011	142	1152	29	0	NC
Specific Conductance	µmho/cm	S10D	WCA-2	Inflow	888	220	757	906	1048	294	1283	70	1.4±2.3	MC
Specific Conductance	µmho/cm	S10E	WCA-2	Inflow	925	208	735	887	1115	652	1314	33	6.1±6.8	MC
Specific Conductance	µmho/cm	S38B	WCA-2	Inflow	877	259	737	830	1119	397	1184	10	0	--
Specific Conductance	µmho/cm	S7	WCA-2	Inflow	916	204	761	929	1058	443	1446	238	4.6±2.2	MC
Specific Conductance	µmho/cm	404C2	WCA-2	Interior	1147	194	1020	1202	1264	672	1572	40	20.0±10.4	C
Specific Conductance	µmho/cm	404Z1	WCA-2	Interior	1215	210	1059	1207	1307	779	1781	24	29.2±15.3	--
Specific Conductance	µmho/cm	CA215	WCA-2	Interior	949	193	813	939	1081	527	1497	102	5.9±3.8	MC
Specific Conductance	µmho/cm	CA27	WCA-2	Interior	1141	149	1036	1151	1230	757	1507	97	20.6±6.8	C
Specific Conductance	µmho/cm	CA28	WCA-2	Interior	1207	262	1040	1220	1333	514	1966	82	37.8±8.8	C
Specific Conductance	µmho/cm	CA29	WCA-2	Interior	1068	190	980	1064	1153	611	1599	102	14.7±5.8	C
Specific Conductance	µmho/cm	E1	WCA-2	Interior	1035	253	849	1053	1214	562	1516	41	17.1±9.7	PC
Specific Conductance	µmho/cm	E2	WCA-2	Interior	888	178	727	901	993	517	1228	31	0	NC
Specific Conductance	µmho/cm	E3	WCA-2	Interior	877	179	777	864	997	502	1281	38	2.6±4.3	MC
Specific Conductance	µmho/cm	E4	WCA-2	Interior	816	165	709	829	896	448	1210	37	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	E5	WCA-2	Interior	811	124	729	819	905	564	1025	44	0	NC
Specific Conductance	µmho/cm	F1	WCA-2	Interior	1340	546	925	1185	1589	652	2857	104	43.3±8.0	C
Specific Conductance	µmho/cm	F2	WCA-2	Interior	1113	355	862	1017	1273	584	2376	126	24.6±6.3	C
Specific Conductance	µmho/cm	F3	WCA-2	Interior	1103	332	870	1044	1331	621	2108	52	30.8±10.5	C
Specific Conductance	µmho/cm	F4	WCA-2	Interior	914	228	775	884	1037	132	1557	124	6.5±3.6	MC
Specific Conductance	µmho/cm	F5	WCA-2	Interior	955	201	789	936	1081	596	1492	43	9.3±7.3	MC
Specific Conductance	µmho/cm	N1	WCA-2	Interior	1173	185	1049	1205	1316	642	1572	46	30.4±11.2	C
Specific Conductance	µmho/cm	S145	WCA-2	Interior	789	159	676	790	910	481	1170	84	0	NC
Specific Conductance	µmho/cm	U1	WCA-2	Interior	748	135	664	775	837	383	1121	43	0	NC
Specific Conductance	µmho/cm	U2	WCA-2	Interior	850	138	764	858	969	479	1076	41	0	NC
Specific Conductance	µmho/cm	U3	WCA-2	Interior	883	180	762	893	981	403	1238	41	0	NC
Specific Conductance	µmho/cm	S11A	WCA-2	Outflow	876	180	747	886	1017	460	1317	88	1.1±1.9	MC
Specific Conductance	µmho/cm	S11B	WCA-2	Outflow	869	169	717	873	985	472	1275	54	0	NC
Specific Conductance	µmho/cm	S11C	WCA-2	Outflow	962	175	870	982	1080	465	1261	78	0	NC
Specific Conductance	µmho/cm	S34	WCA-2	Outflow	860	140	781	864	961	528	1188	88	0	NC
Specific Conductance	µmho/cm	S38	WCA-2	Outflow	728	187	602	732	864	7.2	1123	89	0	NC
Specific Conductance	µmho/cm	3AE0	WCA-3	Inflow	464	75	420	473	516	284	619	45	0	NC
Specific Conductance	µmho/cm	3AW0	WCA-3	Inflow	467	74	421	473	517	286	628	48	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	C123SR84	WCA-3	Inflow	647	124	571	647	720	106	933	80	0	NC
Specific Conductance	µmho/cm	G123	WCA-3	Inflow	885	110	826	899	944	542	1159	238	0	NC
Specific Conductance	µmho/cm	G204	WCA-3	Inflow	654	244	561	673	823	133	1041	12	0	--
Specific Conductance	µmho/cm	G205	WCA-3	Inflow	671	254	529	699	862	170	1014	14	0	--
Specific Conductance	µmho/cm	G206	WCA-3	Inflow	657	274	485	766	827	125	1006	14	0	--
Specific Conductance	µmho/cm	S11A	WCA-3	Inflow	876	180	747	886	1017	460	1317	88	1.1±1.9	MC
Specific Conductance	µmho/cm	S11B	WCA-3	Inflow	869	169	717	873	985	472	1275	54	0	NC
Specific Conductance	µmho/cm	S11C	WCA-3	Inflow	962	175	870	982	1080	465	1261	78	0	NC
Specific Conductance	µmho/cm	S140	WCA-3	Inflow	638	174	477	669	768	293	1007	243	0	NC
Specific Conductance	µmho/cm	S142	WCA-3	Inflow	877	135	784	882	955	517	1159	98	0	NC
Specific Conductance	µmho/cm	S150	WCA-3	Inflow	815	230	629	825	1002	344	1315	235	1.7±1.4	MC
Specific Conductance	µmho/cm	S151	WCA-3	Inflow	772	103	700	785	824	525	1008	76	0	NC
Specific Conductance	µmho/cm	S190	WCA-3	Inflow	504	92	458	505	559	252	845	127	0	NC
Specific Conductance	µmho/cm	S8	WCA-3	Inflow	720	159	641	729	841	362	1108	236	0	NC
Specific Conductance	µmho/cm	S9	WCA-3	Inflow	753	52	715	763	794	592	863	256	0	NC
Specific Conductance	µmho/cm	3AE05	WCA-3	Interior	453	82	403	447	516	291	602	24	0	--
Specific Conductance	µmho/cm	3AE10	WCA-3	Interior	448	65	409	459	492	298	564	32	0	NC
Specific Conductance	µmho/cm	3AE15	WCA-3	Interior	450	67	405	453	505	313	571	35	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	3AE20	WCA-3	Interior	455	80	388	459	520	315	618	43	0	NC
Specific Conductance	µmho/cm	3AE40	WCA-3	Interior	413	72	362	411	448	246	594	41	0	NC
Specific Conductance	µmho/cm	3ANMESO	WCA-3	Interior	395	75	339	389	449	190	598	51	0	NC
Specific Conductance	µmho/cm	3ASMESO	WCA-3	Interior	361	73	313	358	409	179	529	51	0	NC
Specific Conductance	µmho/cm	3AW05	WCA-3	Interior	462	81	408	474	523	285	600	27	0	--
Specific Conductance	µmho/cm	3AW10	WCA-3	Interior	462	70	421	452	509	307	590	35	0	NC
Specific Conductance	µmho/cm	3AW15	WCA-3	Interior	443	67	396	457	490	304	555	35	0	NC
Specific Conductance	µmho/cm	3AW20	WCA-3	Interior	424	77	370	416	496	277	586	37	0	NC
Specific Conductance	µmho/cm	3AW40	WCA-3	Interior	398	83	347	388	461	204	604	45	0	NC
Specific Conductance	µmho/cm	CA311	WCA-3	Interior	416	93	348	406	460	267	663	102	0	NC
Specific Conductance	µmho/cm	CA315	WCA-3	Interior	350	101	285	334	401	0.7	666	114	0	NC
Specific Conductance	µmho/cm	CA316	WCA-3	Interior	764	177	633	778	893	411	1141	110	0	NC
Specific Conductance	µmho/cm	CA317	WCA-3	Interior	660	126	546	658	751	427	930	121	0	NC
Specific Conductance	µmho/cm	CA318	WCA-3	Interior	619	108	559	631	699	2.0	901	117	0	NC
Specific Conductance	µmho/cm	CA32	WCA-3	Interior	554	246	362	480	708	210	1202	71	0	NC
Specific Conductance	µmho/cm	CA33	WCA-3	Interior	643	160	524	623	719	325	1190	78	0	NC
Specific Conductance	µmho/cm	CA34	WCA-3	Interior	529	112	452	527	613	297	772	71	0	NC
Specific Conductance	µmho/cm	CA35	WCA-3	Interior	517	147	382	502	621	311	876	59	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	CA36	WCA-3	Interior	709	122	626	708	802	457	990	52	0	NC
Specific Conductance	µmho/cm	CA38	WCA-3	Interior	431	98	365	412	499	235	743	79	0	NC
Specific Conductance	µmho/cm	S12A	WCA-3	Outflow	298	99	235	264	341	2.6	660	105	0	NC
Specific Conductance	µmho/cm	S12B	WCA-3	Outflow	321	98	253	304	359	199	743	103	0	NC
Specific Conductance	µmho/cm	S12C	WCA-3	Outflow	390	106	319	370	459	202	781	148	0	NC
Specific Conductance	µmho/cm	S12D	WCA-3	Outflow	509	159	353	557	630	214	833	119	0	NC
Specific Conductance	µmho/cm	S197	WCA-3	Outflow	581	292	416	482	795	389	1098	5	0	--
Specific Conductance	µmho/cm	S31	WCA-3	Outflow	757	96	669	742	815	633	979	40	0	NC
Specific Conductance	µmho/cm	S333	WCA-3	Outflow	535	151	397	571	645	213	858	158	0	NC
Specific Conductance	µmho/cm	S334	WCA-3	Outflow	551	95	500	543	618	354	772	86	0	NC
Specific Conductance	µmho/cm	S344	WCA-3	Outflow	269	67	203	271	332	174	373	17	0	--
Specific Conductance	µmho/cm	S355A	WCA-3	Outflow	400	125	285	427	514	194	600	40	0	NC
Specific Conductance	µmho/cm	S355B	WCA-3	Outflow	403	117	289	421	493	218	649	40	0	NC
Specific Conductance	µmho/cm	US41-25	WCA-3	Outflow	363	106	256	380	450	0.5	551	128	0	NC
Specific Conductance	µmho/cm	S12A	Park	Inflow	298	99	235	264	341	2.6	660	105	0	NC
Specific Conductance	µmho/cm	S12B	Park	Inflow	321	98	253	304	359	199	743	103	0	NC
Specific Conductance	µmho/cm	S12C	Park	Inflow	390	106	319	370	459	202	781	148	0	NC
Specific Conductance	µmho/cm	S12D	Park	Inflow	509	159	353	557	630	214	833	119	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Specific Conductance	µmho/cm	S175	Park	Inflow	555	434	461	482	532	353	4425	84	1.2±1.9	MC
Specific Conductance	µmho/cm	S176	Park	Inflow	554	48	523	543	593	467	701	72	0	NC
Specific Conductance	µmho/cm	S18C	Park	Inflow	524	49	500	514	534	434	952	220	0	NC
Specific Conductance	µmho/cm	S332	Park	Inflow	506	80	459	479	526	358	750	83	0	NC
Specific Conductance	µmho/cm	S332D	Park	Inflow	552	56	513	538	586	396	774	219	0	NC
Specific Conductance	µmho/cm	S333	Park	Inflow	535	151	397	571	645	213	858	158	0	NC
Specific Conductance	µmho/cm	S355A	Park	Inflow	400	125	285	427	514	194	600	40	0	NC
Specific Conductance	µmho/cm	S355B	Park	Inflow	403	117	289	421	493	218	649	40	0	NC
Specific Conductance	µmho/cm	EP	Park	Interior	537	180	453	499	586	249	1405	36	2.8±4.5	MC
Specific Conductance	µmho/cm	NE1	Park	Interior	554	165	479	547	693	0.5	784	58	0	NC
Specific Conductance	µmho/cm	NP201	Park	Interior	534	121	457	509	594	295	925	35	0	NC
Specific Conductance	µmho/cm	P33	Park	Interior	526	170	436	530	624	0.6	876	57	0	NC
Specific Conductance	µmho/cm	P34	Park	Interior	279	84	233	264	304	0.3	483	41	0	NC
Specific Conductance	µmho/cm	P35	Park	Interior	485	157	356	457	566	269	899	39	0	NC
Specific Conductance	µmho/cm	P36	Park	Interior	486	158	387	488	576	0.6	792	58	0	NC
Specific Conductance	µmho/cm	P37	Park	Interior	316	107	230	293	398	167	565	35	0	NC
Specific Conductance	µmho/cm	TSB	Park	Interior	432	105	393	482	497	143	609	44	0	NC
Sulfate	mg/L	ACME1DS	Refuge	Inflow	28.8	17.3	15.6	19.5	41.4	4.80	68.3	19		N/A
Sulfate	mg/L	ENR012	Refuge	Inflow	62.3	18.9	46.4	60.4	74.6	14.1	104	129		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Sulfate	mg/L	G310	Refuge	Inflow	68.3	20.1	52.2	64.9	80.1	35.9	123	129		N/A
Sulfate	mg/L	G94D	Refuge	Inflow	27.5	15.1	17.4	24.2	37.5	2.40	64.6	20		N/A
Sulfate	mg/L	S362	Refuge	Inflow	41.7	15.7	26.7	42.7	55.8	15.6	71.8	39		N/A
Sulfate	mg/L	LOXA104	Refuge	Rim	62.4	17.3	49.9	61.6	68.8	34.5	100	22		N/A
Sulfate	mg/L	LOXA135	Refuge	Rim	36.8	22.3	15.7	38.9	46.1	7.90	99.0	24		N/A
Sulfate	mg/L	X0	Refuge	Rim	60.0	25.3	41.0	56.3	73.3	10.0	120	58		N/A
Sulfate	mg/L	Z0	Refuge	Rim	58.9	24.8	42.3	56.5	71.4	9.70	120	56		N/A
Sulfate	mg/L	LOX10	Refuge	Interior	4.94	6.88	1.33	1.80	4.96	0.80	26.9	36		N/A
Sulfate	mg/L	LOX11	Refuge	Interior	<0.10	0.09	<0.10	<0.10	0.10	<0.10	0.50	48		N/A
Sulfate	mg/L	LOX12	Refuge	Interior	5.49	10.6	0.90	1.40	3.38	<0.10	49.0	58		N/A
Sulfate	mg/L	LOX13	Refuge	Interior	<0.10	0.08	<0.10	<0.10	<0.10	<0.10	0.40	40		N/A
Sulfate	mg/L	LOX14	Refuge	Interior	4.24	9.39	0.85	1.50	2.65	0.13	44.0	53		N/A
Sulfate	mg/L	LOX15	Refuge	Interior	22.1	19.1	6.95	14.4	32.3	1.50	71.2	53		N/A
Sulfate	mg/L	LOX16	Refuge	Interior	2.61	6.28	0.60	0.88	1.75	0.20	42.3	53		N/A
Sulfate	mg/L	LOX3	Refuge	Interior	0.14	0.11	<0.10	0.10	0.21	<0.10	0.40	14		N/A
Sulfate	mg/L	LOX4	Refuge	Interior	5.62	8.24	1.20	2.00	6.75	0.50	41.1	41		N/A
Sulfate	mg/L	LOX5	Refuge	Interior	0.12	0.21	<0.10	<0.10	0.10	<0.10	1.00	21		N/A
Sulfate	mg/L	LOX6	Refuge	Interior	5.89	13.6	0.81	1.45	3.88	0.20	84.3	48		N/A
Sulfate	mg/L	LOX7	Refuge	Interior	0.21	0.15	<0.10	0.20	0.30	<0.10	0.70	47		N/A
Sulfate	mg/L	LOX8	Refuge	Interior	0.11	0.17	<0.10	<0.10	0.10	<0.10	1.24	52		N/A
Sulfate	mg/L	LOX9	Refuge	Interior	<0.10	0.07	<0.10	<0.10	0.10	<0.10	0.31	32		N/A
Sulfate	mg/L	LOXA101	Refuge	Interior	14.2	12.2	3.10	10.3	29.2	0.90	36.5	15		N/A
Sulfate	mg/L	LOXA103	Refuge	Interior	10.8	16.4	2.20	3.40	6.10	1.00	49.4	15		N/A
Sulfate	mg/L	LOXA105	Refuge	Interior	25.3	20.2	7.78	17.8	40.3	4.90	58.9	14		N/A
Sulfate	mg/L	LOXA106	Refuge	Interior	14.8	18.5	4.00	6.60	20.8	2.60	60.5	13		N/A
Sulfate	mg/L	LOXA107	Refuge	Interior	11.9	17.1	1.83	3.05	20.4	1.00	49.9	8		N/A
Sulfate	mg/L	LOXA108	Refuge	Interior	0.54	0.72	0.10	0.35	0.60	<0.10	2.50	10		N/A
Sulfate	mg/L	LOXA124	Refuge	Interior	1.10	1.44	0.43	0.50	0.98	<0.10	6.20	20		N/A
Sulfate	mg/L	LOXA130	Refuge	Interior	8.58	11.4	1.65	3.20	11.1	1.20	42.0	20		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Sulfate	mg/L	LOXA136	Refuge	Interior	18.8	23.1	1.40	4.40	43.4	1.00	64.1	11		N/A
Sulfate	mg/L	LOXA137	Refuge	Interior	7.09	13.0	1.00	1.25	3.25	0.70	47.3	20		N/A
Sulfate	mg/L	LOXA138	Refuge	Interior	4.13	9.61	0.65	0.90	1.65	<0.10	38.0	17		N/A
Sulfate	mg/L	LOXA139	Refuge	Interior	0.77	1.44	0.15	0.30	0.65	<0.10	5.40	13		N/A
Sulfate	mg/L	LOXA140	Refuge	Interior	5.24	8.56	0.93	1.55	4.08	0.70	30.7	16		N/A
Sulfate	mg/L	X1	Refuge	Interior	50.0	25.2	29.5	45.0	73.5	5.90	110	46		N/A
Sulfate	mg/L	X2	Refuge	Interior	25.7	21.3	8.88	18.0	40.0	3.00	76.0	53		N/A
Sulfate	mg/L	X3	Refuge	Interior	14.9	18.3	3.86	5.75	22.5	1.70	65.0	56		N/A
Sulfate	mg/L	X4	Refuge	Interior	3.25	5.74	0.80	1.10	2.30	0.50	27.0	57		N/A
Sulfate	mg/L	Y4	Refuge	Interior	5.72	9.50	1.23	1.88	4.15	0.66	41.0	56		N/A
Sulfate	mg/L	Z1	Refuge	Interior	45.9	22.8	29.0	43.5	59.8	7.30	88.0	52		N/A
Sulfate	mg/L	Z2	Refuge	Interior	24.1	17.1	9.93	18.5	36.5	3.40	63.0	52		N/A
Sulfate	mg/L	Z3	Refuge	Interior	9.37	11.8	3.05	4.15	9.70	1.10	49.5	58		N/A
Sulfate	mg/L	Z4	Refuge	Interior	5.50	9.93	1.05	1.50	2.80	0.17	37.0	55		N/A
Sulfate	mg/L	G94B	Refuge	Outflow	29.0	22.5	12.7	23.9	39.4	2.50	85.9	20		N/A
Sulfate	mg/L	S10A	Refuge	Outflow	36.1	19.5	18.4	34.1	51.1	3.70	65.1	21		N/A
Sulfate	mg/L	S10C	Refuge	Outflow	50.4	25.0	34.6	56.1	68.1	4.00	89.0	22		N/A
Sulfate	mg/L	S10D	Refuge	Outflow	59.8	23.6	46.8	61.9	75.6	8.20	98.3	22		N/A
Sulfate	mg/L	S10E	Refuge	Outflow	58.4	23.7	39.6	45.9	86.6	36.8	97.5	11		N/A
Sulfate	mg/L	S39	Refuge	Outflow	34.6	19.5	21.1	36.0	45.9	3.30	83.3	21		N/A
Sulfate	mg/L	E0	WCA-2	Inflow	45.4	22.9	29.0	40.0	61.5	5.65	105	53		N/A
Sulfate	mg/L	F0	WCA-2	Inflow	45.6	22.5	30.0	38.0	62.0	6.90	100	53		N/A
Sulfate	mg/L	G335	WCA-2	Inflow	59.0	18.3	45.0	55.1	72.7	30.2	106	129		N/A
Sulfate	mg/L	G339	WCA-2	Inflow	89.9			89.9		89.9	89.9	1		N/A
Sulfate	mg/L	S10A	WCA-2	Inflow	36.1	19.5	18.4	34.1	51.1	3.70	65.1	21		N/A
Sulfate	mg/L	S10C	WCA-2	Inflow	50.4	25.0	34.6	56.1	68.1	4.00	89.0	22		N/A
Sulfate	mg/L	S10D	WCA-2	Inflow	59.8	23.6	46.8	61.9	75.6	8.20	98.3	22		N/A
Sulfate	mg/L	S10E	WCA-2	Inflow	58.4	23.7	39.6	45.9	86.6	36.8	97.5	11		N/A
Sulfate	mg/L	S38B	WCA-2	Inflow	43.2	20.3	25.9	44.4	61.4	11.9	73.7	10		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Sulfate	mg/L	S7	WCA-2	Inflow	46.7	16.1	34.9	43.6	54.3	24.1	85.8	22		N/A
Sulfate	mg/L	404C2	WCA-2	Interior	60.0	16.5	49.8	55.0	76.0	31.0	100	26		N/A
Sulfate	mg/L	404Z1	WCA-2	Interior	58.1	17.4	48.0	55.0	68.0	21.0	96.0	27		N/A
Sulfate	mg/L	CA215	WCA-2	Interior	37.7	17.5	21.3	42.5	50.9	10.3	80.0	77		N/A
Sulfate	mg/L	CA27	WCA-2	Interior	57.1	21.0	39.3	53.8	68.1	21.1	102	73		N/A
Sulfate	mg/L	CA28	WCA-2	Interior	64.0	19.2	49.0	63.5	78.0	26.7	121	65		N/A
Sulfate	mg/L	CA29	WCA-2	Interior	46.5	23.8	25.5	50.5	64.0	5.51	100	72		N/A
Sulfate	mg/L	E1	WCA-2	Interior	31.1	19.6	18.0	27.5	38.8	5.30	90.0	40		N/A
Sulfate	mg/L	E2	WCA-2	Interior	33.9	16.0	22.0	31.0	39.5	14.0	77.0	29		N/A
Sulfate	mg/L	E3	WCA-2	Interior	32.1	16.0	20.5	29.0	38.5	10.0	79.0	37		N/A
Sulfate	mg/L	E4	WCA-2	Interior	72.2	231	25.0	32.0	46.0	10.0	1400	35		N/A
Sulfate	mg/L	E5	WCA-2	Interior	34.1	20.4	24.0	31.0	40.0	11.0	140	43		N/A
Sulfate	mg/L	F1	WCA-2	Interior	29.8	20.1	15.0	26.5	38.7	2.74	100	90		N/A
Sulfate	mg/L	F2	WCA-2	Interior	34.0	20.7	16.4	31.7	45.2	4.70	120	113		N/A
Sulfate	mg/L	F3	WCA-2	Interior	32.6	20.0	16.0	33.0	48.8	3.01	100	53		N/A
Sulfate	mg/L	F4	WCA-2	Interior	32.7	16.7	17.8	33.0	44.9	5.18	75.3	109		N/A
Sulfate	mg/L	F5	WCA-2	Interior	32.8	15.9	17.3	33.5	47.3	7.25	63.0	44		N/A
Sulfate	mg/L	N1	WCA-2	Interior	64.9	19.4	52.0	60.0	79.0	23.0	110	45		N/A
Sulfate	mg/L	S145	WCA-2	Interior	33.2	10.3	25.5	33.2	42.9	8.90	45.7	21		N/A
Sulfate	mg/L	U1	WCA-2	Interior	31.6	13.4	21.5	31.5	39.3	11.0	79.0	42		N/A
Sulfate	mg/L	U2	WCA-2	Interior	35.9	16.0	23.3	35.5	46.3	8.10	87.0	40		N/A
Sulfate	mg/L	U3	WCA-2	Interior	35.3	19.1	18.0	37.0	51.0	4.53	70.0	43		N/A
Sulfate	mg/L	S11A	WCA-2	Outflow	40.5	13.3	29.5	37.9	50.2	15.5	74.7	23		N/A
Sulfate	mg/L	S11B	WCA-2	Outflow	42.9	16.7	32.2	37.0	53.0	10.4	86.1	23		N/A
Sulfate	mg/L	S11C	WCA-2	Outflow	48.2	14.8	35.9	48.0	57.6	23.7	84.2	22		N/A
Sulfate	mg/L	S34	WCA-2	Outflow	31.4	12.3	20.8	35.9	40.2	11.7	55.8	25		N/A
Sulfate	mg/L	S38	WCA-2	Outflow	25.9	10.2	17.0	26.4	35.3	9.70	44.9	23		N/A
Sulfate	mg/L	3AE0	WCA-3	Inflow	7.24	2.20	5.50	7.10	8.65	2.80	12.0	48		N/A
Sulfate	mg/L	3AW0	WCA-3	Inflow	7.06	1.93	5.75	6.80	8.40	2.80	12.0	52		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Sulfate	mg/L	C123SR84	WCA-3	Inflow	17.0	9.44	10.1	15.9	20.7	3.26	35.2	21		N/A
Sulfate	mg/L	G123	WCA-3	Inflow	20.8	17.0	3.40	20.7	35.3	1.50	52.1	20		N/A
Sulfate	mg/L	S11A	WCA-3	Inflow	40.5	13.3	29.5	37.9	50.2	15.5	74.7	23		N/A
Sulfate	mg/L	S11B	WCA-3	Inflow	42.9	16.7	32.2	37.0	53.0	10.4	86.1	23		N/A
Sulfate	mg/L	S11C	WCA-3	Inflow	48.2	14.8	35.9	48.0	57.6	23.7	84.2	22		N/A
Sulfate	mg/L	S140	WCA-3	Inflow	13.2	7.31	7.43	10.9	20.3	1.19	27.1	24		N/A
Sulfate	mg/L	S142	WCA-3	Inflow	34.9	12.7	25.7	37.9	41.8	8.00	58.2	27		N/A
Sulfate	mg/L	S150	WCA-3	Inflow	32.5	13.3	22.6	32.8	44.9	10.4	60.1	20		N/A
Sulfate	mg/L	S151	WCA-3	Inflow	21.4	11.0	12.6	22.4	31.2	5.10	41.1	22		N/A
Sulfate	mg/L	S190	WCA-3	Inflow	8.07	3.77	6.20	6.90	10.2	4.00	21.5	23		N/A
Sulfate	mg/L	S8	WCA-3	Inflow	29.8	11.7	21.9	31.4	40.4	3.00	41.6	20		N/A
Sulfate	mg/L	S9	WCA-3	Inflow	2.41	1.49	1.60	1.87	3.40	0.80	7.00	19		N/A
Sulfate	mg/L	3AE05	WCA-3	Interior	4.47	2.77	2.90	3.78	5.78	0.87	14.0	26		N/A
Sulfate	mg/L	3AE10	WCA-3	Interior	4.45	7.56	1.35	3.00	4.60	0.40	45.0	33		N/A
Sulfate	mg/L	3AE15	WCA-3	Interior	2.56	1.75	1.30	1.90	3.60	0.44	6.70	36		N/A
Sulfate	mg/L	3AE20	WCA-3	Interior	4.22	12.4	1.20	2.20	3.30	0.70	84.0	44		N/A
Sulfate	mg/L	3AE40	WCA-3	Interior	1.91	1.51	1.05	1.40	2.60	0.22	7.50	41		N/A
Sulfate	mg/L	3ANMESO	WCA-3	Interior	0.82	0.94	0.32	0.58	0.86	0.10	6.00	51		N/A
Sulfate	mg/L	3ASMESO	WCA-3	Interior	0.65	1.20	0.25	0.41	0.69	0.10	8.70	51		N/A
Sulfate	mg/L	3AW05	WCA-3	Interior	3.98	2.20	2.15	4.00	5.55	0.61	8.85	29		N/A
Sulfate	mg/L	3AW10	WCA-3	Interior	3.64	2.98	1.18	3.13	5.10	0.49	14.0	36		N/A
Sulfate	mg/L	3AW15	WCA-3	Interior	2.40	1.46	1.13	1.95	3.66	0.52	5.70	36		N/A
Sulfate	mg/L	3AW20	WCA-3	Interior	2.31	1.50	1.13	2.00	3.40	0.39	7.30	36		N/A
Sulfate	mg/L	3AW40	WCA-3	Interior	1.70	2.09	0.66	1.25	2.20	0.10	14.0	46		N/A
Sulfate	mg/L	CA311	WCA-3	Interior	1.34	1.18	0.70	1.10	1.50	<0.10	7.70	80		N/A
Sulfate	mg/L	CA315	WCA-3	Interior	0.10	0.12	<0.10	<0.10	0.10	<0.10	0.70	99		N/A
Sulfate	mg/L	CA316	WCA-3	Interior	25.6	17.3	8.98	25.6	42.7	1.20	57.6	102		N/A
Sulfate	mg/L	CA317	WCA-3	Interior	22.9	14.3	9.91	24.2	34.9	2.50	49.6	123		N/A
Sulfate	mg/L	CA318	WCA-3	Interior	11.8	9.51	3.30	9.20	18.2	<0.10	42.4	115		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Sulfate	mg/L	CA32	WCA-3	Interior	17.0	22.2	0.70	3.91	35.6	<0.10	83.2	56		N/A
Sulfate	mg/L	CA33	WCA-3	Interior	8.16	10.8	3.09	5.10	8.68	1.20	67.3	58		N/A
Sulfate	mg/L	CA34	WCA-3	Interior	8.20	5.70	3.45	7.29	11.7	1.29	28.0	57		N/A
Sulfate	mg/L	CA35	WCA-3	Interior	6.93	5.79	3.20	5.04	10.0	2.00	33.9	43		N/A
Sulfate	mg/L	CA36	WCA-3	Interior	25.0	11.2	17.6	25.6	33.8	5.90	42.2	33		N/A
Sulfate	mg/L	CA38	WCA-3	Interior	2.28	3.82	1.10	1.41	1.84	0.62	29.3	58		N/A
Sulfate	mg/L	S12A	WCA-3	Outflow	1.04	2.94	<0.10	<0.10	0.19	<0.10	11.0	24		N/A
Sulfate	mg/L	S12B	WCA-3	Outflow	1.32	2.69	<0.10	0.15	1.13	<0.10	11.4	22		N/A
Sulfate	mg/L	S12C	WCA-3	Outflow	4.15	4.78	<0.10	2.50	8.50	<0.10	16.4	23		N/A
Sulfate	mg/L	S12D	WCA-3	Outflow	9.7	9.00	0.20	9.20	16.3	<0.10	28.9	23		N/A
Sulfate	mg/L	S197	WCA-3	Outflow	28.7	35.2	6.60	10.1	69.3	6.60	69.3	3		N/A
Sulfate	mg/L	S31	WCA-3	Outflow	17.4	11.4	7.45	11.4	27.8	4.00	39.6	16		N/A
Sulfate	mg/L	S333	WCA-3	Outflow	12.3	10.4	1.00	12.0	18.3	<0.10	35.8	23		N/A
Sulfate	mg/L	S334	WCA-3	Outflow	7.72	7.96	1.10	5.00	12.1	<0.10	28.5	23		N/A
Sulfate	mg/L	S344	WCA-3	Outflow	0.11	0.10	<0.10	<0.10	0.14	<0.10	0.41	18		N/A
Sulfate	mg/L	S355A	WCA-3	Outflow	0.15	0.18	<0.10	<0.10	0.20	<0.10	0.60	12		N/A
Sulfate	mg/L	S355B	WCA-3	Outflow	2.07	4.55	<0.10	0.11	1.72	<0.10	16.0	12		N/A
Sulfate	mg/L	US41-25	WCA-3	Outflow	0.10	0.13	<0.10	<0.10	<0.10	<0.10	0.47	12		N/A
Sulfate	mg/L	S12A	Park	Inflow	1.04	2.94	<0.10	<0.10	0.19	<0.10	11.0	24		N/A
Sulfate	mg/L	S12B	Park	Inflow	1.32	2.69	<0.10	0.15	1.13	<0.10	11.4	22		N/A
Sulfate	mg/L	S12C	Park	Inflow	4.15	4.78	<0.10	2.50	8.50	<0.10	16.4	23		N/A
Sulfate	mg/L	S12D	Park	Inflow	9.7	9.00	0.20	9.20	16.3	<0.10	28.9	23		N/A
Sulfate	mg/L	S175	Park	Inflow	2.16	1.47	0.98	2.03	3.10	<0.10	5.00	11		N/A
Sulfate	mg/L	S18C	Park	Inflow	8.14	1.76	7.22	8.24	9.19	4.21	10.7	13		N/A
Sulfate	mg/L	S332	Park	Inflow	2.63	2.02	1.49	2.22	3.48	<0.10	7.50	10		N/A
Sulfate	mg/L	S332D	Park	Inflow	4.83	6.85	1.55	2.40	4.30	0.90	25.8	18		N/A
Sulfate	mg/L	S333	Park	Inflow	12.3	10.4	1.00	12.0	18.3	<0.10	35.8	23		N/A
Sulfate	mg/L	S355A	Park	Inflow	0.15	0.18	<0.10	<0.10	0.20	<0.10	0.60	12		N/A
Sulfate	mg/L	S355B	Park	Inflow	2.07	4.55	<0.10	0.11	1.72	<0.10	16.0	12		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Sulfate	mg/L	EP	Park	Interior	4.48	2.46	2.90	4.04	5.19	1.35	14.6	31		N/A
Sulfate	mg/L	NE1	Park	Interior	5.22	4.63	1.67	3.95	7.55	<0.10	18.2	54		N/A
Sulfate	mg/L	NP201	Park	Interior	15.3	44.8	2.37	4.52	7.93	<0.10	242	34		N/A
Sulfate	mg/L	P33	Park	Interior	4.57	3.32	2.01	3.39	6.25	<0.10	17.0	57		N/A
Sulfate	mg/L	P34	Park	Interior	0.21	0.57	<0.10	<0.10	<0.10	<0.10	3.00	37		N/A
Sulfate	mg/L	P35	Park	Interior	1.11	2.26	0.40	0.60	0.95	<0.10	13.2	36		N/A
Sulfate	mg/L	P36	Park	Interior	1.28	2.35	0.50	0.70	1.18	0.25	13.9	56		N/A
Sulfate	mg/L	P37	Park	Interior	0.43	1.59	<0.10	<0.10	<0.10	<0.10	8.80	31		N/A
Sulfate	mg/L	TSB	Park	Interior	3.45	7.24	0.37	1.10	2.55	<0.10	35.0	41		N/A
Total Antimony	µg/L	G205	WCA-3	Inflow	<2.2			<2.2		<2.2	<2.2	1	0	--
Total Antimony	µg/L	G206	WCA-3	Inflow	<2.2			<2.2		<2.2	<2.2	1	0	--
Total Antimony	µg/L	S8	WCA-3	Inflow	1.89	1.11		<2.2		<2.2	2.67	2	0	--
Total Antimony	µg/L	S334	WCA-3	Outflow	<2.8			<2.8		<2.8	<2.8	1	0	--
Total Arsenic	µg/L	G205	WCA-3	Inflow	6.36			6.36		6.36	6.36	1	0	--
Total Arsenic	µg/L	G206	WCA-3	Inflow	4.19			4.19		4.19	4.19	1	0	--
Total Arsenic	µg/L	S8	WCA-3	Inflow	2.31	0.29		2.31		2.1	2.51	2	0	--
Total Arsenic	µg/L	S334	WCA-3	Outflow	<2.0			<2.0		<2.0	<2.0	1	0	--
Total Cadmium	µg/L	ACME1DS	Refuge	Inflow	0.26	0.26	<0.30	<0.30	0.50	<0.30	0.90	11	0	--
Total Cadmium	µg/L	G94D	Refuge	Inflow	0.27	0.23	<0.30	<0.30	0.48	<0.30	0.70	10	0	--
Total Cadmium	µg/L	S38B	WCA-2	Inflow	0.23	0.17	<0.30	<0.30	0.40	<0.30	0.48	4	0	--
Total Cadmium	µg/L	S7	WCA-2	Inflow	<0.30			<0.30		<0.30	<0.30	1	0	--
Total Cadmium	µg/L	G123	WCA-3	Inflow	0.35	0.49	<0.30	<0.30	0.40	<0.30	1.70	10	0	--
Total Cadmium	µg/L	G204	WCA-3	Inflow	0.49	0.31	<0.30	0.58	0.75	<0.30	0.75	3	0	--
Total Cadmium	µg/L	G205	WCA-3	Inflow	0.23	0.14	<0.30	<0.30	0.39	<0.30	0.39	3	0	--
Total Cadmium	µg/L	G206	WCA-3	Inflow	0.27	0.16	<0.30	0.23	0.44	<0.30	0.49	4	0	--
Total Cadmium	µg/L	S140	WCA-3	Inflow	0.28	0.20	<0.30	<0.30	0.45	<0.30	0.60	10	0	--
Total Cadmium	µg/L	S190	WCA-3	Inflow	0.28	0.29	<0.30	<0.30	0.36	<0.30	1.00	10	0	--
Total Cadmium	µg/L	S8	WCA-3	Inflow	0.27	0.23	<0.30	<0.30	0.52	<0.30	0.64	8	0	--
Total Cadmium	µg/L	S9	WCA-3	Inflow	0.40	0.41	<0.30	0.23	0.59	<0.30	1.40	10	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Cadmium	µg/L	S14	WCA-3	Outflow	0.25	0.20	<0.30	<0.30	0.30	<0.30	0.67	7	0	--
Total Cadmium	µg/L	S333	WCA-3	Outflow	0.36	0.46	<0.30	<0.30	0.33	<0.30	1.50	10	0	--
Total Cadmium	µg/L	S355A	WCA-3	Outflow	0.27	0.13	<0.30	0.24	0.41	<0.30	0.43	6	0	--
Total Cadmium	µg/L	S355B	WCA-3	Outflow	0.23	0.19	<0.30	<0.30	0.26	<0.30	0.61	6	0	--
Total Cadmium	µg/L	S14	Park	Inflow	0.25	0.20	<0.30	<0.30	0.30	<0.30	0.67	7	0	--
Total Cadmium	µg/L	S175	Park	Inflow	0.31	0.31	<0.30	<0.30	0.30	<0.30	1.00	7	0	--
Total Cadmium	µg/L	S176	Park	Inflow	0.24	0.18	<0.30	<0.30	0.41	<0.30	0.50	4	0	--
Total Cadmium	µg/L	S18C	Park	Inflow	0.31	0.29	<0.30	<0.30	0.43	<0.30	0.90	10	0	--
Total Cadmium	µg/L	S332	Park	Inflow	0.30	0.32	<0.30	<0.30	0.30	<0.30	1.02	7	0	--
Total Cadmium	µg/L	S332D	Park	Inflow	0.53	0.57	<0.30	<0.30	1.11	<0.30	1.62	10	0	--
Total Cadmium	µg/L	S333	Park	Inflow	0.36	0.46	<0.30	<0.30	0.33	<0.30	1.50	10	0	--
Total Cadmium	µg/L	S355A	Park	Inflow	0.27	0.13	<0.30	0.24	0.41	<0.30	0.43	6	0	--
Total Cadmium	µg/L	S355B	Park	Inflow	0.23	0.19	<0.30	<0.30	0.26	<0.30	0.61	6	0	--
Total Copper	µg/L	ACME1DS	Refuge	Inflow	3.0	2.3	<1.2	2.4	4.1	<1.2	8.2	11	0	--
Total Copper	µg/L	G94D	Refuge	Inflow	3.7	2.3	1.7	3.2	5.0	<1.2	8.2	9	0	--
Total Copper	µg/L	E0	WCA-2	Inflow	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	F0	WCA-2	Inflow	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	S38B	WCA-2	Inflow	2.2	2.0	<1.2	1.6	4.3	<1.2	4.8	4	0	--
Total Copper	µg/L	S7	WCA-2	Inflow	1.6			1.6		1.6	1.6	1	0	--
Total Copper	µg/L	404C2	WCA-2	Interior	1.9	0.9	<1.2	1.5	2.0	<1.2	3.7	16	0	--
Total Copper	µg/L	404Z1	WCA-2	Interior	1.7	0.8	1.5	1.5	1.5	<1.2	3.5	18	0	--
Total Copper	µg/L	E1	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	E2	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	E3	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	E4	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	E5	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	F1	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	F2	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	F3	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Copper	µg/L	F4	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	F5	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	N1	WCA-2	Interior	1.8	0.8	1.5	1.5	1.7	<1.2	3.7	18	0	--
Total Copper	µg/L	U1	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	U2	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	U3	WCA-2	Interior	<3.0			<3.0		<3.0	<3.0	1	0	--
Total Copper	µg/L	G123	WCA-3	Inflow	2.3	2.3	<1.2	1.1	4.4	<1.2	6.7	10	0	--
Total Copper	µg/L	G204	WCA-3	Inflow	3.1	2.6	<1.2	3.0	5.8	<1.2	5.8	3	0	--
Total Copper	µg/L	G205	WCA-3	Inflow	1.4	0.8	<1.2	1.3	2.2	<1.2	2.2	3	0	--
Total Copper	µg/L	G206	WCA-3	Inflow	2.2	2.1	<1.2	1.5	4.4	<1.2	5.1	4	0	--
Total Copper	µg/L	S140	WCA-3	Inflow	1.5	1.0	<1.2	1.2	2.7	<1.2	3.0	10	0	--
Total Copper	µg/L	S190	WCA-3	Inflow	1.6	1.0	<1.2	1.5	2.7	<1.2	2.9	10	0	--
Total Copper	µg/L	S8	WCA-3	Inflow	2.6	2.3	<1.2	1.7	5.0	<1.2	6.1	8	0	--
Total Copper	µg/L	S9	WCA-3	Inflow	2.3	1.7	<1.2	1.9	4.1	<1.2	5.3	10	0	--
Total Copper	µg/L	S14	WCA-3	Outflow	0.8	0.5	<1.2	<1.2	<1.2	<1.2	1.8	7	0	--
Total Copper	µg/L	S333	WCA-3	Outflow	1.3	1.5	<1.2	<1.2	1.4	<1.2	5.6	10	0	--
Total Copper	µg/L	S355A	WCA-3	Outflow	0.8	0.5	<1.2	<1.2	<1.2	<1.2	1.9	6	0	--
Total Copper	µg/L	S355B	WCA-3	Outflow	1.2	1.1	<1.2	<1.2	2.1	<1.2	3.3	6	0	--
Total Copper	µg/L	S14	Park	Inflow	0.8	0.5	<1.2	<1.2	<1.2	<1.2	1.8	7	0	--
Total Copper	µg/L	S175	Park	Inflow	1.3	1.3	<1.2	<1.2	1.3	<1.2	4.1	7	0	--
Total Copper	µg/L	S176	Park	Inflow	1.6	1.0	0.7	1.4	2.6	<1.2	2.8	4	0	--
Total Copper	µg/L	S18C	Park	Inflow	1.3	0.9	<1.2	1.2	1.8	<1.2	3.6	10	0	--
Total Copper	µg/L	S332	Park	Inflow	0.9	0.5	<1.2	<1.2	1.5	<1.2	1.8	7	0	--
Total Copper	µg/L	S332D	Park	Inflow	1.1	0.7	<1.2	<1.2	1.6	<1.2	2.4	10	0	--
Total Copper	µg/L	S333	Park	Inflow	1.3	1.5	<1.2	<1.2	1.4	<1.2	5.6	10	0	--
Total Copper	µg/L	S355A	Park	Inflow	0.8	0.5	<1.2	<1.2	<1.2	<1.2	1.9	6	0	--
Total Copper	µg/L	S355B	Park	Inflow	1.2	1.1	<1.2	<1.2	2.1	<1.2	3.3	6	0	--
Total Iron	µg/L	ACME1DS	Refuge	Inflow	146	84	86	125	233	38	302	19	0	--
Total Iron	µg/L	ENR012	Refuge	Inflow	48	4.2		48		45	51	2	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Iron	µg/L	G310	Refuge	Inflow	40	32		40		17	62	2	0	--
Total Iron	µg/L	G94D	Refuge	Inflow	345	272	129	214	633	44	858	21	0	--
Total Iron	µg/L	X0	Refuge	Rim	14	8.5	5.4	12	18	4.1	44	57	0	NC
Total Iron	µg/L	Z0	Refuge	Rim	14	8.8	5.0	12	18	4.1	42	58	0	NC
Total Iron	µg/L	LOX10	Refuge	Interior	36	21	25	30	49	13	79	8	0	--
Total Iron	µg/L	LOX11	Refuge	Interior	101	47	55	111	137	35	191	17	0	--
Total Iron	µg/L	LOX12	Refuge	Interior	25	40	10	15	19	7.0	187	19	0	--
Total Iron	µg/L	LOX13	Refuge	Interior	110	37	92	113	130	47	184	13	0	--
Total Iron	µg/L	LOX14	Refuge	Interior	60	35	35	50	76	24	144	17	0	--
Total Iron	µg/L	LOX15	Refuge	Interior	3.0	1.8	1.5	2.3	4.7	1.5	7	18	0	--
Total Iron	µg/L	LOX16	Refuge	Interior	105	48	73	91	130	44	204	16	0	--
Total Iron	µg/L	LOX3	Refuge	Interior	87	24	65	82	112	61	118	5	0	--
Total Iron	µg/L	LOX4	Refuge	Interior	59	38	35	51	66	26	154	10	0	--
Total Iron	µg/L	LOX5	Refuge	Interior	96	74	36	82	139	35	233	6	0	--
Total Iron	µg/L	LOX6	Refuge	Interior	69	32	48	61	101	18	125	14	0	--
Total Iron	µg/L	LOX7	Refuge	Interior	102	34	81	92	136	36	152	15	0	--
Total Iron	µg/L	LOX8	Refuge	Interior	47	18	34	46	62	18	80	16	0	--
Total Iron	µg/L	LOX9	Refuge	Interior	39	12	22	44	48	20	50	7	0	--
Total Iron	µg/L	X1	Refuge	Interior	8.4	4.6	5.0	5.1	12	2.5	22	46	0	NC
Total Iron	µg/L	X2	Refuge	Interior	5.9	2.9	5.0	5.0	5.3	2.2	18	54	0	NC
Total Iron	µg/L	X3	Refuge	Interior	12	11	5.0	8.9	13	2.5	67	57	0	NC
Total Iron	µg/L	X4	Refuge	Interior	50	59	16	27	49	5.0	285	58	0	NC
Total Iron	µg/L	Y4	Refuge	Interior	15	9.5	5.0	12	24	4.1	37	56	0	NC
Total Iron	µg/L	Z1	Refuge	Interior	8.1	5.4	5.0	5.3	10	2.5	27	53	0	NC
Total Iron	µg/L	Z2	Refuge	Interior	10	18	5.0	5.0	8.3	2.5	131	53	0	NC
Total Iron	µg/L	Z3	Refuge	Interior	7.6	4.2	5.0	5.0	10	2.5	25	58	0	NC
Total Iron	µg/L	Z4	Refuge	Interior	12	8.1	5.0	10	18	4.1	44	56	0	NC
Total Iron	µg/L	G94B	Refuge	Outflow	109	120	42	61	110	18	418	13	0	--
Total Iron	µg/L	S10A	Refuge	Outflow	36	52	10	17	43	4.0	236	20	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Iron	µg/L	S10C	Refuge	Outflow	37	48	11	21	34	3.0	184	21	0	--
Total Iron	µg/L	S10D	Refuge	Outflow	98	127	26	45	110	8.0	525	21	0	--
Total Iron	µg/L	S10E	Refuge	Outflow	31	3.5	28	31	35	28	35	3	0	--
Total Iron	µg/L	S39	Refuge	Outflow	18	11	11	13	28	6.0	38	7	0	--
Total Iron	µg/L	E0	WCA-2	Inflow	18	10	12	18	24	3.5	50	54	0	NC
Total Iron	µg/L	F0	WCA-2	Inflow	19	13	12	18	24	2.5	79	54	0	NC
Total Iron	µg/L	S10A	WCA-2	Inflow	36	52	10	17	43	4.0	236	20	0	--
Total Iron	µg/L	S10C	WCA-2	Inflow	37	48	11	21	34	3.0	184	21	0	--
Total Iron	µg/L	S10D	WCA-2	Inflow	98	127	26	45	110	8.0	525	21	0	--
Total Iron	µg/L	S10E	WCA-2	Inflow	31	3.5	28	31	35	28	35	3	0	--
Total Iron	µg/L	S38B	WCA-2	Inflow	94	94	33	62	135	12	313	10	0	--
Total Iron	µg/L	S7	WCA-2	Inflow	55	48	29	38	62	20	240	19	0	--
Total Iron	µg/L	404C2	WCA-2	Interior	12	8.0	5.0	7.5	18	5.0	27	26	0	--
Total Iron	µg/L	404Z1	WCA-2	Interior	15	8.2	10	14	19	5.0	38	27	0	--
Total Iron	µg/L	CA215	WCA-2	Interior	8.0	4.9	3.6	8.1	12	1.5	18	13	0	--
Total Iron	µg/L	CA27	WCA-2	Interior	8.6	2.4	7.7	9.0	11	4.0	11	11	0	--
Total Iron	µg/L	CA28	WCA-2	Interior	24	10	16	21	32	11	45	10	0	--
Total Iron	µg/L	CA29	WCA-2	Interior	12	5.8	8.3	12	14	6.0	27	11	0	--
Total Iron	µg/L	E1	WCA-2	Interior	16	19	5.0	12	17	5.0	111	42	0	NC
Total Iron	µg/L	E2	WCA-2	Interior	9.2	4.7	5.0	8.3	12	5.0	26	30	0	NC
Total Iron	µg/L	E3	WCA-2	Interior	9.0	7.1	5.0	5.6	10	3.3	38	38	0	NC
Total Iron	µg/L	E4	WCA-2	Interior	18	33	5.0	9.1	15	5.0	174	36	0	NC
Total Iron	µg/L	E5	WCA-2	Interior	10	7.1	5.0	7.3	15	2.6	37	44	0	NC
Total Iron	µg/L	F1	WCA-2	Interior	11	7.8	5.0	8.8	14	5.0	48	52	0	NC
Total Iron	µg/L	F2	WCA-2	Interior	10	8.9	5.0	5.5	11	1.5	58	60	0	NC
Total Iron	µg/L	F3	WCA-2	Interior	8.2	8.3	5.0	5.0	8.0	1.3	42	55	0	NC
Total Iron	µg/L	F4	WCA-2	Interior	7.5	4.9	5.0	5.2	9.0	1.5	30	54	0	NC
Total Iron	µg/L	F5	WCA-2	Interior	7.1	4.2	5.0	5.0	9.5	1.3	18	46	0	NC
Total Iron	µg/L	N1	WCA-2	Interior	12	6.9	5.0	10	17	4.5	31	47	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Iron	µg/L	U1	WCA-2	Interior	7.0	4.2	5.0	5.0	10	1.3	24	43	0	NC
Total Iron	µg/L	U2	WCA-2	Interior	8.7	5.1	5.0	6.3	12	2.5	25	41	0	NC
Total Iron	µg/L	U3	WCA-2	Interior	9.4	5.2	5.0	8.4	13	2.5	23	44	0	NC
Total Iron	µg/L	S11B	WCA-2	Outflow	28	18	12	23	44	7.0	65	21	0	--
Total Iron	µg/L	S11C	WCA-2	Outflow	46	62	21	27	55	8.0	304	21	0	--
Total Iron	µg/L	3AE0	WCA-3	Inflow	68	69	18	35	121	5.0	271	48	0	NC
Total Iron	µg/L	3AW0	WCA-3	Inflow	61	69	15	29	106	5.0	290	52	0	NC
Total Iron	µg/L	G123	WCA-3	Inflow	117	101	46	67	178	29	346	20	0	--
Total Iron	µg/L	G204	WCA-3	Inflow	317	237	90	284	561	76	573	5	0	--
Total Iron	µg/L	G205	WCA-3	Inflow	191	139	91	139	350	78	424	7	0	--
Total Iron	µg/L	G206	WCA-3	Inflow	91	44	42	87	139	38	146	7	0	--
Total Iron	µg/L	S11B	WCA-3	Inflow	28	18	12	23	44	7.0	65	21	0	--
Total Iron	µg/L	S11C	WCA-3	Inflow	46	62	21	27	55	8.0	304	21	0	--
Total Iron	µg/L	S140	WCA-3	Inflow	171	90	93	161	263	23	312	22	0	--
Total Iron	µg/L	S150	WCA-3	Inflow	50	17	34	46	61	25	81	19	0	--
Total Iron	µg/L	S190	WCA-3	Inflow	163	119	69	117	260	39	383	22	0	--
Total Iron	µg/L	S8	WCA-3	Inflow	129	89	51	98	196	20	321	25	0	--
Total Iron	µg/L	S9	WCA-3	Inflow	419	171	285	404	560	78	659	19	0	--
Total Iron	µg/L	3AE05	WCA-3	Interior	142	79	85	142	188	30	316	26	0	--
Total Iron	µg/L	3AE10	WCA-3	Interior	151	80	90	143	197	34	361	33	0	NC
Total Iron	µg/L	3AE15	WCA-3	Interior	174	84	105	164	238	42	368	37	0	NC
Total Iron	µg/L	3AE20	WCA-3	Interior	152	83	72	146	214	18	371	44	0	NC
Total Iron	µg/L	3AE40	WCA-3	Interior	63	68	27	45	72	5.0	402	41	0	NC
Total Iron	µg/L	3ANMESO	WCA-3	Interior	120	78	65	103	159	14	416	49	0	NC
Total Iron	µg/L	3ASMESO	WCA-3	Interior	109	72	69	85	131	15	316	51	0	NC
Total Iron	µg/L	3AW05	WCA-3	Interior	124	61	71	133	156	34	266	29	0	NC
Total Iron	µg/L	3AW10	WCA-3	Interior	164	76	111	154	192	55	327	36	0	NC
Total Iron	µg/L	3AW15	WCA-3	Interior	175	95	90	167	237	51	496	36	0	NC
Total Iron	µg/L	3AW20	WCA-3	Interior	188	82	124	190	243	50	399	37	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Iron	µg/L	3AW40	WCA-3	Interior	97	114	35	55	114	5.0	631	46	0	NC
Total Iron	µg/L	CA311	WCA-3	Interior	115	51	83	100	167	46	207	12	0	--
Total Iron	µg/L	CA315	WCA-3	Interior	237	166	87	194	377	22	586	16	0	--
Total Iron	µg/L	CA316	WCA-3	Interior	7.6	5.1	4.0	7.0	10	1.5	22	15	0	--
Total Iron	µg/L	CA317	WCA-3	Interior	8.3	7.4	4.0	6.5	10	1.5	35	18	0	--
Total Iron	µg/L	CA318	WCA-3	Interior	26	26	6.0	15	51	5.0	89	16	0	--
Total Iron	µg/L	CA32	WCA-3	Interior	71	36	49	70	96	11	127	8	0	--
Total Iron	µg/L	CA33	WCA-3	Interior	96	51	57	79	121	47	202	8	0	--
Total Iron	µg/L	CA34	WCA-3	Interior	75	50	38	50	122	14	152	9	0	--
Total Iron	µg/L	CA35	WCA-3	Interior	125	43	91	129	158	53	187	8	0	--
Total Iron	µg/L	CA36	WCA-3	Interior	111	53	72	94	141	40	200	7	0	--
Total Iron	µg/L	CA38	WCA-3	Interior	161	79	105	149	239	30	262	9	0	--
Total Iron	µg/L	S12A	WCA-3	Outflow	102	47	69	93	132	21	196	22	0	--
Total Iron	µg/L	S12B	WCA-3	Outflow	95	38	76	90	114	21	177	20	0	--
Total Iron	µg/L	S12C	WCA-3	Outflow	116	52	75	109	153	23	212	16	0	--
Total Iron	µg/L	S12D	WCA-3	Outflow	128	109	57	104	147	24	423	11	0	--
Total Iron	µg/L	S14	WCA-3	Outflow	173			173		173	173	1	0	--
Total Iron	µg/L	S333	WCA-3	Outflow	90	63	60	75	113	20	334	22	0	--
Total Iron	µg/L	S334	WCA-3	Outflow	196	104	106	186	298	74	322	6	0	--
Total Iron	µg/L	S344	WCA-3	Outflow	101	59	70	82	117	26	276	14	0	--
Total Iron	µg/L	S355A	WCA-3	Outflow	35	18	21	29	42	17	69	12	0	--
Total Iron	µg/L	S355B	WCA-3	Outflow	86	28	58	95	101	49	132	12	0	--
Total Iron	µg/L	US41-25	WCA-3	Outflow	223			223		223	223	1	0	--
Total Iron	µg/L	S12A	Park	Inflow	102	47	69	93	132	21	196	22	0	--
Total Iron	µg/L	S12B	Park	Inflow	95	38	76	90	114	21	177	20	0	--
Total Iron	µg/L	S12C	Park	Inflow	116	52	75	109	153	23	212	16	0	--
Total Iron	µg/L	S12D	Park	Inflow	128	109	57	104	147	24	423	11	0	--
Total Iron	µg/L	S14	Park	Inflow	173			173		173	173	1	0	--
Total Iron	µg/L	S175	Park	Inflow	273	249	126	222	259	65	909	16	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Iron	µg/L	S176	Park	Inflow	256	127	157	204	366	102	464	9	0	--
Total Iron	µg/L	S18C	Park	Inflow	122	113	26	47	236	11	283	21	0	--
Total Iron	µg/L	S332	Park	Inflow	276	143	153	274	378	65	555	14	0	--
Total Iron	µg/L	S332D	Park	Inflow	279	108	173	294	375	98	420	20	0	--
Total Iron	µg/L	S333	Park	Inflow	90	63	60	75	113	20	334	22	0	--
Total Iron	µg/L	S355A	Park	Inflow	35	18	21	29	42	17	69	12	0	--
Total Iron	µg/L	S355B	Park	Inflow	86	28	58	95	101	49	132	12	0	--
Total Lead	µg/L	G205	WCA-3	Inflow	<0.8			<0.8		<0.8	<0.8	1	0	--
Total Lead	µg/L	G206	WCA-3	Inflow	<0.8			<0.8		<0.8	<0.8	1	0	--
Total Lead	µg/L	S8	WCA-3	Inflow	<0.8			<0.8		<0.8	<0.8	2	0	--
Total Nickel	µg/L	G205	WCA-3	Inflow	0.82			0.82		0.82	0.82	1	0	--
Total Nickel	µg/L	G206	WCA-3	Inflow	<0.5			<0.5		<0.5	<0.5	1	0	--
Total Nickel	µg/L	S8	WCA-3	Inflow	<0.5			<0.5		<0.5	<0.5	2	0	--
Total Selenium	µg/L	G205	WCA-3	Inflow	<1.0			<1.0		<1.0	<1.0	1	0	--
Total Selenium	µg/L	G206	WCA-3	Inflow	<1.0			<1.0		<1.0	<1.0	1	0	--
Total Selenium	µg/L	S8	WCA-3	Inflow	<1.0			<1.0		<1.0	<1.0	2	0	--
Total Selenium	µg/L	S334	WCA-3	Outflow	2.0			2.0		2.0	2.0	1	0	--
Total Silver	µg/L	G205	WCA-3	Inflow	<0.02			<0.02		<0.02	<0.02	1	0	--
Total Silver	µg/L	G206	WCA-3	Inflow	<0.02			<0.02		<0.02	<0.02	1	0	--
Total Silver	µg/L	S8	WCA-3	Inflow	<0.02			<0.02		<0.02	<0.02	2	0	--
Total Silver	µg/L	S334	WCA-3	Outflow	<0.02			<0.02		<0.02	<0.02	1	0	--
Total Thallium	µg/L	G205	WCA-3	Inflow	<0.5			<0.5		<0.5	<0.5	1	0	--
Total Thallium	µg/L	G206	WCA-3	Inflow	<0.5			<0.5		<0.5	<0.5	1	0	--
Total Thallium	µg/L	S8	WCA-3	Inflow	<0.5			<0.5		<0.5	<0.5	2	0	--
Total Thallium	µg/L	S334	WCA-3	Outflow	<0.52			<0.52		<0.52	<0.52	1	0	--
Total Zinc	µg/L	ACME1DS	Refuge	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	11	0	--
Total Zinc	µg/L	G94D	Refuge	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S38B	WCA-2	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	4	0	--
Total Zinc	µg/L	S7	WCA-2	Inflow	<4.0			<4.0		<4.0	<4.0	1	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Total Zinc	µg/L	404C2	WCA-2	Interior	4.8	7.7	1.5	3.5	4.4	1.0	33.2	16	0	--
Total Zinc	µg/L	404Z1	WCA-2	Interior	3.1	1.8	1.0	3.6	4.3	1.0	7.0	18	0	--
Total Zinc	µg/L	N1	WCA-2	Interior	2.8	1.6	1.0	2.7	4.1	1.0	6.0	18	0	--
Total Zinc	µg/L	G123	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	G204	WCA-3	Inflow	8.2	10.7	2.0	2.0	20.6	2.0	20.6	3	0	--
Total Zinc	µg/L	G205	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	3	0	--
Total Zinc	µg/L	G206	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	4	0	--
Total Zinc	µg/L	S140	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S190	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S8	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	8	0	--
Total Zinc	µg/L	S9	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S14	WCA-3	Outflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	7	0	--
Total Zinc	µg/L	S333	WCA-3	Outflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S355A	WCA-3	Outflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	6	0	--
Total Zinc	µg/L	S355B	WCA-3	Outflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	6	0	--
Total Zinc	µg/L	S14	Park	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	7	0	--
Total Zinc	µg/L	S175	Park	Inflow	2.5	1.2	<4.0	<4.0	<4.0	<4.0	5.2	7	0	--
Total Zinc	µg/L	S176	Park	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	4	0	--
Total Zinc	µg/L	S18C	Park	Inflow	2.4	1.2	<4.0	<4.0	<4.0	<4.0	5.8	10	0	--
Total Zinc	µg/L	S332	Park	Inflow	2.5	1.3	<4.0	<4.0	<4.0	<4.0	5.3	7	0	--
Total Zinc	µg/L	S332D	Park	Inflow	2.7	2.1	<4.0	<4.0	<4.0	<4.0	8.7	10	0	--
Total Zinc	µg/L	S333	Park	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S355A	Park	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	6	0	--
Total Zinc	µg/L	S355B	Park	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	6	0	--
Turbidity	NTU	ACME1DS	Refuge	Inflow	4.24	2.00	2.80	3.80	5.37	1.64	12.4	67	0	NC
Turbidity	NTU	ENR012	Refuge	Inflow	2.93	2.86	1.28	2.23	3.25	0.42	17.9	129	0	NC
Turbidity	NTU	G310	Refuge	Inflow	4.64	3.77	2.42	3.38	5.07	0.43	20.1	129	0	NC
Turbidity	NTU	G94D	Refuge	Inflow	5.37	4.50	3.05	4.30	6.33	0.90	34.7	72	1.4±2.3	MC
Turbidity	NTU	LOXA104	Refuge	Rim	5.22	3.71	2.20	4.30	7.10	1.50	14.7	23	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Turbidity	NTU	LOXA135	Refuge	Rim	8.33	4.74	4.05	7.45	12.58	1.80	19.0	24	0	--
Turbidity	NTU	LOX10	Refuge	Interior	1.15	1.58	0.52	0.70	0.93	0.34	7.40	22	0	--
Turbidity	NTU	LOX11	Refuge	Interior	0.81	0.47	0.59	0.70	0.90	0.40	3.40	43	0	NC
Turbidity	NTU	LOX12	Refuge	Interior	1.09	3.31	0.50	0.58	0.70	0.30	25.5	57	0	NC
Turbidity	NTU	LOX13	Refuge	Interior	1.05	0.87	0.70	0.80	1.00	0.40	4.98	36	0	NC
Turbidity	NTU	LOX14	Refuge	Interior	0.55	0.17	0.50	0.50	0.60	0.29	1.10	52	0	NC
Turbidity	NTU	LOX15	Refuge	Interior	0.54	0.14	0.42	0.50	0.60	0.30	1.00	53	0	NC
Turbidity	NTU	LOX16	Refuge	Interior	0.58	0.20	0.41	0.52	0.65	0.30	1.30	50	0	NC
Turbidity	NTU	LOX3	Refuge	Interior	1.12	0.37	0.93	1.04	1.10	0.80	2.00	8	0	--
Turbidity	NTU	LOX4	Refuge	Interior	1.31	2.21	0.52	0.79	1.00	0.05	12.3	30	0	NC
Turbidity	NTU	LOX5	Refuge	Interior	1.85	1.77	0.80	1.00	3.40	0.70	6.20	11	0	--
Turbidity	NTU	LOX6	Refuge	Interior	0.64	0.18	0.50	0.60	0.70	0.40	1.33	45	0	NC
Turbidity	NTU	LOX7	Refuge	Interior	0.98	0.54	0.62	0.85	1.10	0.50	3.20	44	0	NC
Turbidity	NTU	LOX8	Refuge	Interior	0.98	0.55	0.60	0.80	1.19	0.44	3.10	50	0	NC
Turbidity	NTU	LOX9	Refuge	Interior	1.01	0.87	0.59	0.70	1.20	0.37	4.20	19	0	--
Turbidity	NTU	LOXA101	Refuge	Interior	0.84	0.34	0.60	0.70	1.05	0.50	1.60	9	0	--
Turbidity	NTU	LOXA103	Refuge	Interior	0.90	0.35	0.65	0.80	1.18	0.40	1.50	8	0	--
Turbidity	NTU	LOXA105	Refuge	Interior	1.62	1.35	0.80	1.00	2.25	0.70	4.80	9	0	--
Turbidity	NTU	LOXA106	Refuge	Interior	1.04	0.51	0.80	1.00	1.10	0.30	2.00	7	0	--
Turbidity	NTU	LOXA107	Refuge	Interior	0.83	0.49	0.50	0.60	1.40	0.50	1.40	3	0	--
Turbidity	NTU	LOXA108	Refuge	Interior	2.10	1.18	0.95	2.20	3.15	0.80	3.20	4	0	--
Turbidity	NTU	LOXA124	Refuge	Interior	0.68	0.20	0.53	0.65	0.80	0.40	1.10	16	0	--
Turbidity	NTU	LOXA130	Refuge	Interior	0.92	0.45	0.60	0.80	1.10	0.50	2.20	18	0	--
Turbidity	NTU	LOXA136	Refuge	Interior	2.42	1.21	1.40	2.10	3.60	1.10	4.20	5	0	--
Turbidity	NTU	LOXA137	Refuge	Interior	0.93	0.48	0.60	0.80	1.10	0.40	2.10	15	0	--
Turbidity	NTU	LOXA138	Refuge	Interior	1.08	0.62	0.73	0.80	1.43	0.60	2.40	8	0	--
Turbidity	NTU	LOXA139	Refuge	Interior	1.55	1.30	0.63	1.10	2.93	0.60	3.40	4	0	--
Turbidity	NTU	LOXA140	Refuge	Interior	1.01	0.43	0.80	0.80	1.40	0.40	1.60	7	0	--
Turbidity	NTU	G94B	Refuge	Outflow	3.59	2.70	2.00	2.88	4.05	0.80	13.6	59	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Turbidity	NTU	S10A	Refuge	Outflow	2.43	2.53	1.18	1.65	2.58	0.70	13.8	30	0	NC
Turbidity	NTU	S10C	Refuge	Outflow	2.52	2.03	1.00	2.01	3.55	0.60	8.20	29	0	NC
Turbidity	NTU	S10D	Refuge	Outflow	6.38	7.50	2.62	4.83	6.63	1.00	55.8	70	1.4±2.3	MC
Turbidity	NTU	S10E	Refuge	Outflow	6.85	8.36	3.08	4.83	6.30	1.50	48.6	33	3.0±4.9	MC
Turbidity	NTU	S39	Refuge	Outflow	2.16	1.47	1.31	1.90	2.60	0.60	11.1	77	0	NC
Turbidity	NTU	G335	WCA-2	Inflow	1.88	2.41	0.93	1.20	1.99	0.50	23.6	130	0	NC
Turbidity	NTU	G339	WCA-2	Inflow	16.3			16.3		16.3	16.3	1	0	--
Turbidity	NTU	S10A	WCA-2	Inflow	2.43	2.53	1.18	1.65	2.58	0.70	13.8	30	0	NC
Turbidity	NTU	S10C	WCA-2	Inflow	2.52	2.03	1.00	2.01	3.55	0.60	8.20	29	0	NC
Turbidity	NTU	S10D	WCA-2	Inflow	6.38	7.50	2.62	4.83	6.63	1.00	55.8	70	1.4±2.3	MC
Turbidity	NTU	S10E	WCA-2	Inflow	6.85	8.36	3.08	4.83	6.30	1.50	48.6	33	3.0±4.9	MC
Turbidity	NTU	S38B	WCA-2	Inflow	1.66	1.69	0.74	0.89	2.20	0.44	5.92	10	0	--
Turbidity	NTU	S7	WCA-2	Inflow	3.72	2.81	1.80	2.90	4.20	1.00	15.5	83	0	NC
Turbidity	NTU	CA215	WCA-2	Interior	0.71	0.29	0.50	0.60	0.80	0.40	2.10	77	0	NC
Turbidity	NTU	CA27	WCA-2	Interior	0.67	0.23	0.50	0.60	0.80	0.40	1.60	73	0	NC
Turbidity	NTU	CA28	WCA-2	Interior	1.44	1.10	0.80	1.02	1.67	0.51	6.56	65	0	NC
Turbidity	NTU	CA29	WCA-2	Interior	0.66	0.19	0.50	0.60	0.77	0.24	1.20	72	0	NC
Turbidity	NTU	F1	WCA-2	Interior	2.40	2.29	1.10	1.70	3.09	0.54	13.6	47	0	NC
Turbidity	NTU	F2	WCA-2	Interior	2.52	3.28	0.70	1.10	2.71	0.45	16.4	64	0	NC
Turbidity	NTU	F4	WCA-2	Interior	0.72	0.36	0.50	0.60	0.80	0.30	2.50	68	0	NC
Turbidity	NTU	S145	WCA-2	Interior	1.82	2.67	0.73	1.11	2.13	0.35	23.2	82	0	NC
Turbidity	NTU	S11A	WCA-2	Outflow	2.33	1.78	1.00	1.72	3.09	0.21	8.80	86	0	NC
Turbidity	NTU	S11B	WCA-2	Outflow	2.30	1.66	1.02	1.60	3.45	0.54	7.30	53	0	NC
Turbidity	NTU	S11C	WCA-2	Outflow	2.69	2.43	1.20	1.86	3.43	0.50	17.3	78	0	NC
Turbidity	NTU	S34	WCA-2	Outflow	2.23	1.65	1.10	1.96	2.80	0.37	12.8	87	0	NC
Turbidity	NTU	S38	WCA-2	Outflow	1.42	1.02	0.70	1.10	1.75	0.40	5.90	89	0	NC
Turbidity	NTU	C123SR84	WCA-3	Inflow	3.52	3.74	1.46	2.70	4.43	0.60	29.1	76	1.3±2.1	MC
Turbidity	NTU	G123	WCA-3	Inflow	2.00	1.05	1.24	1.80	2.51	0.64	7.00	60	0	NC
Turbidity	NTU	S11A	WCA-3	Inflow	2.33	1.78	1.00	1.72	3.09	0.21	8.80	86	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Turbidity	NTU	S11B	WCA-3	Inflow	2.30	1.66	1.02	1.60	3.45	0.54	7.30	53	0	NC
Turbidity	NTU	S11C	WCA-3	Inflow	2.69	2.43	1.20	1.86	3.43	0.50	17.3	78	0	NC
Turbidity	NTU	S140	WCA-3	Inflow	2.21	0.90	1.52	2.10	2.83	0.80	5.40	89	0	NC
Turbidity	NTU	S142	WCA-3	Inflow	2.35	1.28	1.30	2.10	3.14	0.50	6.33	95	0	NC
Turbidity	NTU	S150	WCA-3	Inflow	3.26	2.85	1.60	2.50	3.90	0.90	20.2	67	0	NC
Turbidity	NTU	S151	WCA-3	Inflow	2.29	1.46	1.22	1.88	3.09	0.60	7.30	73	0	NC
Turbidity	NTU	S190	WCA-3	Inflow	2.23	0.99	1.60	2.00	2.61	0.98	6.51	79	0	NC
Turbidity	NTU	S8	WCA-3	Inflow	4.57	3.73	2.40	3.15	5.40	1.00	20.3	91	0	NC
Turbidity	NTU	S9	WCA-3	Inflow	3.76	1.81	2.63	3.65	4.58	1.00	13.4	68	0	NC
Turbidity	NTU	CA311	WCA-3	Interior	0.64	0.43	0.40	0.52	0.70	0.26	3.30	79	0	NC
Turbidity	NTU	CA315	WCA-3	Interior	0.86	0.84	0.49	0.60	1.00	0.26	7.20	102	0	NC
Turbidity	NTU	CA316	WCA-3	Interior	0.81	0.60	0.57	0.70	0.80	0.30	5.22	102	0	NC
Turbidity	NTU	CA317	WCA-3	Interior	0.63	0.27	0.43	0.57	0.71	0.30	1.90	123	0	NC
Turbidity	NTU	CA318	WCA-3	Interior	0.91	0.81	0.60	0.70	0.90	0.34	6.40	116	0	NC
Turbidity	NTU	CA32	WCA-3	Interior	0.60	0.15	0.49	0.60	0.68	0.37	1.10	56	0	NC
Turbidity	NTU	CA33	WCA-3	Interior	0.82	0.58	0.54	0.70	0.90	0.34	4.40	58	0	NC
Turbidity	NTU	CA34	WCA-3	Interior	0.71	0.43	0.50	0.57	0.73	0.35	2.60	56	0	NC
Turbidity	NTU	CA35	WCA-3	Interior	1.06	1.05	0.60	0.74	1.09	0.40	5.40	42	0	NC
Turbidity	NTU	CA36	WCA-3	Interior	1.61	1.13	0.85	1.30	2.10	0.50	5.40	33	0	NC
Turbidity	NTU	CA38	WCA-3	Interior	0.65	0.24	0.50	0.59	0.78	0.30	1.60	58	0	NC
Turbidity	NTU	S12A	WCA-3	Outflow	1.42	1.64	0.61	0.90	1.20	0.40	9.30	77	0	NC
Turbidity	NTU	S12B	WCA-3	Outflow	1.12	0.99	0.59	0.80	1.17	0.39	4.80	83	0	NC
Turbidity	NTU	S12C	WCA-3	Outflow	1.14	0.75	0.70	0.90	1.29	0.34	5.10	86	0	NC
Turbidity	NTU	S12D	WCA-3	Outflow	1.66	1.51	0.88	1.16	2.10	0.30	12.8	114	0	NC
Turbidity	NTU	S197	WCA-3	Outflow	4.62	7.18	0.95	1.20	10.00	0.80	17.4	5	0	--
Turbidity	NTU	S31	WCA-3	Outflow	1.87	1.13	1.10	1.50	2.40	0.70	6.20	39	0	NC
Turbidity	NTU	S333	WCA-3	Outflow	1.59	1.12	0.81	1.20	2.05	0.30	6.90	105	0	NC
Turbidity	NTU	S334	WCA-3	Outflow	1.93	1.77	1.08	1.40	2.00	0.70	13.0	89	0	NC
Turbidity	NTU	S344	WCA-3	Outflow	1.86	1.93	0.60	0.95	3.73	0.46	7.50	18	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Turbidity	NTU	S355A	WCA-3	Outflow	1.74	1.51	0.73	1.16	2.30	0.42	5.59	39	0	NC
Turbidity	NTU	S355B	WCA-3	Outflow	4.18	5.33	0.85	1.80	5.87	0.31	25.1	39	0	NC
Turbidity	NTU	US41-25	WCA-3	Outflow	1.44	1.21	0.61	1.00	1.75	0.40	6.20	97	0	NC
Turbidity	NTU	S12A	Park	Inflow	1.42	1.64	0.61	0.90	1.20	0.40	9.30	77	0	NC
Turbidity	NTU	S12B	Park	Inflow	1.12	0.99	0.59	0.80	1.17	0.39	4.80	83	0	NC
Turbidity	NTU	S12C	Park	Inflow	1.14	0.75	0.70	0.90	1.29	0.34	5.10	86	0	NC
Turbidity	NTU	S12D	Park	Inflow	1.66	1.51	0.88	1.16	2.10	0.30	12.8	114	0	NC
Turbidity	NTU	S175	Park	Inflow	2.30	2.34	1.31	1.59	2.10	0.70	10.9	46	0	NC
Turbidity	NTU	S176	Park	Inflow	1.49	0.52	1.10	1.40	1.83	0.80	3.00	30	0	NC
Turbidity	NTU	S18C	Park	Inflow	1.79	1.85	0.99	1.40	2.00	0.50	15.7	93	0	NC
Turbidity	NTU	S332	Park	Inflow	2.45	1.89	1.34	2.15	2.63	0.74	12.2	42	0	NC
Turbidity	NTU	S332D	Park	Inflow	1.73	0.90	1.10	1.50	2.10	0.50	5.78	113	0	NC
Turbidity	NTU	S333	Park	Inflow	1.59	1.12	0.81	1.20	2.05	0.30	6.90	105	0	NC
Turbidity	NTU	S355A	Park	Inflow	1.74	1.51	0.73	1.16	2.30	0.42	5.59	39	0	NC
Turbidity	NTU	S355B	Park	Inflow	4.18	5.33	0.85	1.80	5.87	0.31	25.1	39	0	NC
Turbidity	NTU	EP	Park	Interior	0.65	0.38	0.40	0.46	0.95	0.29	1.70	31	0	NC
Turbidity	NTU	NE1	Park	Interior	1.96	2.62	0.65	1.14	1.85	0.28	13.8	53	0	NC
Turbidity	NTU	NP201	Park	Interior	2.10	2.54	0.56	0.83	3.10	0.30	11.6	34	0	NC
Turbidity	NTU	P33	Park	Interior	1.53	1.71	0.55	0.80	1.80	0.40	10.4	56	0	NC
Turbidity	NTU	P34	Park	Interior	1.11	0.99	0.58	0.78	1.02	0.40	4.60	38	0	NC
Turbidity	NTU	P35	Park	Interior	1.53	2.36	0.80	0.93	1.38	0.47	15.0	37	0	NC
Turbidity	NTU	P36	Park	Interior	3.44	4.73	1.02	1.80	3.70	0.50	24.6	56	0	NC
Turbidity	NTU	P37	Park	Interior	1.02	0.95	0.60	0.71	1.10	0.30	5.60	31	0	NC
Turbidity	NTU	TSB	Park	Interior	0.95	0.58	0.48	0.80	1.36	0.30	2.80	42	0	NC
Un-ionized ammonia	mg/L	ACME1DS	Refuge	Inflow	0.0019	0.0021	0.00038	0.0013	0.0029	0.000030	0.010	66	0	NC
Un-ionized ammonia	mg/L	ENR012	Refuge	Inflow	0.0031	0.0036	0.00078	0.0016	0.0041	0.000027	0.019	126	0	NC
Un-ionized ammonia	mg/L	G310	Refuge	Inflow	0.0044	0.0038	0.0015	0.0034	0.0060	0.00013	0.021	127	0.8±1.3	MC
Un-ionized ammonia	mg/L	G94D	Refuge	Inflow	0.0011	0.00096	0.00045	0.00089	0.0014	0.000023	0.0044	71	0	NC
Un-ionized ammonia	mg/L	S362	Refuge	Inflow	0.0057	0.0060	0.0018	0.0030	0.0092	0.00059	0.023	26	3.8±6.2	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Un-ionized ammonia	mg/L	LOXA104	Refuge	Rim	0.0029	0.0024	0.00099	0.0022	0.0044	0.00020	0.0083	17	0	--
Un-ionized ammonia	mg/L	LOXA135	Refuge	Rim	0.0027	0.0034	0.00065	0.0010	0.0044	0.000069	0.012	18	0	--
Un-ionized ammonia	mg/L	X0	Refuge	Rim	0.0011	0.00083	0.00045	0.00100	0.0017	0.000086	0.0038	54	0	NC
Un-ionized ammonia	mg/L	Z0	Refuge	Rim	0.0012	0.00088	0.00042	0.00099	0.0017	0.000073	0.0045	54	0	NC
Un-ionized ammonia	mg/L	LOX10	Refuge	Interior	0.000033	0.000052	0.0000091	0.000021	0.000036	0.0000007	0.00025	22	0	--
Un-ionized ammonia	mg/L	LOX11	Refuge	Interior	0.000025	0.000037	0.0000040	0.000011	0.000023	0.0000019	0.00014	43	0	NC
Un-ionized ammonia	mg/L	LOX12	Refuge	Interior	0.00013	0.00041	0.000028	0.000047	0.000098	0.000011	0.0031	57	0	NC
Un-ionized ammonia	mg/L	LOX13	Refuge	Interior	0.00010	0.00039	0.0000050	0.000011	0.000026	0.0000014	0.0023	35	0	NC
Un-ionized ammonia	mg/L	LOX14	Refuge	Interior	0.000034	0.00011	0.0000084	0.000013	0.000025	0.0000029	0.00082	51	0	NC
Un-ionized ammonia	mg/L	LOX15	Refuge	Interior	0.00023	0.00023	0.000068	0.00016	0.00032	0.000012	0.0014	52	0	NC
Un-ionized ammonia	mg/L	LOX16	Refuge	Interior	0.000025	0.000032	0.0000086	0.000011	0.000024	0.0000049	0.00018	50	0	NC
Un-ionized ammonia	mg/L	LOX3	Refuge	Interior	0.000058	0.000051	0.000028	0.000036	0.000071	0.000020	0.00018	8	0	--
Un-ionized ammonia	mg/L	LOX4	Refuge	Interior	0.000034	0.000034	0.000013	0.000023	0.000046	0.0000036	0.00017	31	0	NC
Un-ionized ammonia	mg/L	LOX5	Refuge	Interior	0.000016	0.000011	0.0000068	0.000012	0.000019	0.0000046	0.000037	11	0	--
Un-ionized ammonia	mg/L	LOX6	Refuge	Interior	0.00014	0.00052	0.000027	0.000049	0.000073	0.0000034	0.0035	44	0	NC
Un-ionized ammonia	mg/L	LOX7	Refuge	Interior	0.000021	0.000048	0.0000054	0.000010	0.000016	0.0000005	0.00030	44	0	NC
Un-ionized ammonia	mg/L	LOX8	Refuge	Interior	0.000023	0.000053	0.0000053	0.0000082	0.000020	0.0000003	0.00036	50	0	NC
Un-ionized ammonia	mg/L	LOX9	Refuge	Interior	0.000029	0.000031	0.000010	0.000018	0.000044	0.0000039	0.00014	19	0	--
Un-ionized ammonia	mg/L	LOXA101	Refuge	Interior	0.00011	0.000052	0.000067	0.00010	0.00017	0.000046	0.00018	7	0	--
Un-ionized ammonia	mg/L	LOXA103	Refuge	Interior	0.000067	0.000053	0.000024	0.000054	0.00012	0.000011	0.00015	6	0	--
Un-ionized ammonia	mg/L	LOXA105	Refuge	Interior	0.000091	0.000093	0.000024	0.000054	0.00016	0.0000066	0.00028	9	0	--
Un-ionized ammonia	mg/L	LOXA106	Refuge	Interior	0.000056	0.000064	0.000010	0.000022	0.00013	0.0000066	0.00015	6	0	--
Un-ionized ammonia	mg/L	LOXA107	Refuge	Interior	0.000071	0.000048	0.000031	0.000057	0.00012	0.000031	0.00012	3	0	--
Un-ionized ammonia	mg/L	LOXA108	Refuge	Interior	0.000027	0.000019	0.000015	0.000019	0.000047	0.000014	0.000055	4	0	--
Un-ionized ammonia	mg/L	LOXA124	Refuge	Interior	0.000016	0.000011	0.0000058	0.000012	0.000029	0.0000027	0.000030	10	0	--
Un-ionized ammonia	mg/L	LOXA130	Refuge	Interior	0.000047	0.000061	0.000013	0.000013	0.000073	0.000011	0.00021	12	0	--
Un-ionized ammonia	mg/L	LOXA136	Refuge	Interior	0.00031	0.00047	0.000035	0.00011	0.00068	0.000025	0.0011	5	0	--
Un-ionized ammonia	mg/L	LOXA137	Refuge	Interior	0.000050	0.000060	0.000014	0.000028	0.000047	0.0000094	0.00020	12	0	--
Un-ionized ammonia	mg/L	LOXA138	Refuge	Interior	0.000075	0.000076	0.000021	0.000042	0.00018	0.000014	0.00019	7	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Un-ionized ammonia	mg/L	LOXA139	Refuge	Interior	0.000022	0.000014	0.0000093	0.000021	0.000036	0.0000077	0.000038	4	0	--
Un-ionized ammonia	mg/L	LOXA140	Refuge	Interior	0.00010	0.000071	0.000048	0.000079	0.00014	0.000047	0.00023	6	0	--
Un-ionized ammonia	mg/L	X1	Refuge	Interior	0.00041	0.00062	0.00012	0.00026	0.00044	0.000027	0.0039	43	0	NC
Un-ionized ammonia	mg/L	X2	Refuge	Interior	0.00013	0.00011	0.000039	0.000080	0.00020	0.0000066	0.00041	50	0	NC
Un-ionized ammonia	mg/L	X3	Refuge	Interior	0.00012	0.00014	0.000031	0.000062	0.00019	0.0000035	0.00073	54	0	NC
Un-ionized ammonia	mg/L	X4	Refuge	Interior	0.00019	0.00029	0.000022	0.000056	0.00026	0.0000056	0.0014	55	0	NC
Un-ionized ammonia	mg/L	Y4	Refuge	Interior	0.00013	0.00019	0.000035	0.000069	0.00015	0.0000057	0.0011	53	0	NC
Un-ionized ammonia	mg/L	Z1	Refuge	Interior	0.00099	0.0046	0.00016	0.00023	0.00043	0.000075	0.033	51	2.0±3.2	MC
Un-ionized ammonia	mg/L	Z2	Refuge	Interior	0.00019	0.00012	0.00010	0.00015	0.00026	0.000013	0.00054	49	0	NC
Un-ionized ammonia	mg/L	Z3	Refuge	Interior	0.00024	0.00021	0.000095	0.00018	0.00033	0.000018	0.00096	55	0	NC
Un-ionized ammonia	mg/L	Z4	Refuge	Interior	0.00014	0.00014	0.000057	0.00010	0.00021	0.0000085	0.00085	53	0	NC
Un-ionized ammonia	mg/L	G94B	Refuge	Outflow	0.00084	0.0014	0.00012	0.00035	0.00093	0.0000079	0.0065	61	0	NC
Un-ionized ammonia	mg/L	S10A	Refuge	Outflow	0.00089	0.00088	0.00026	0.00065	0.0011	0.000098	0.0039	29	0	NC
Un-ionized ammonia	mg/L	S10C	Refuge	Outflow	0.0016	0.0022	0.00049	0.00086	0.0014	0.000053	0.010	28	0	NC
Un-ionized ammonia	mg/L	S10D	Refuge	Outflow	0.0013	0.0020	0.00039	0.00076	0.0015	0.000090	0.013	70	0	NC
Un-ionized ammonia	mg/L	S10E	Refuge	Outflow	0.0012	0.0014	0.00028	0.00092	0.0015	0.00013	0.0064	32	0	NC
Un-ionized ammonia	mg/L	S39	Refuge	Outflow	0.00074	0.00073	0.00025	0.00049	0.00091	0.000016	0.0030	77	0	NC
Un-ionized ammonia	mg/L	E0	WCA-2	Inflow	0.016	0.017	0.0018	0.0092	0.026	0.00022	0.060	51	33.3±10.9	C
Un-ionized ammonia	mg/L	F0	WCA-2	Inflow	0.016	0.017	0.0027	0.012	0.023	0.00033	0.064	53	32.1±10.5	C
Un-ionized ammonia	mg/L	G335	WCA-2	Inflow	0.0027	0.0022	0.0010	0.0021	0.0039	0.00031	0.011	129	0	NC
Un-ionized ammonia	mg/L	G339	WCA-2	Inflow	0.0082			0.0082		0.0082	0.0082	1	0	--
Un-ionized ammonia	mg/L	S10A	WCA-2	Inflow	0.00089	0.00088	0.00026	0.00065	0.0011	0.000098	0.0039	29	0	NC
Un-ionized ammonia	mg/L	S10C	WCA-2	Inflow	0.0016	0.0022	0.00049	0.00086	0.0014	0.000053	0.010	28	0	NC
Un-ionized ammonia	mg/L	S10D	WCA-2	Inflow	0.0013	0.0020	0.00039	0.00076	0.0015	0.000090	0.013	70	0	NC
Un-ionized ammonia	mg/L	S10E	WCA-2	Inflow	0.0012	0.0014	0.00028	0.00092	0.0015	0.00013	0.0064	32	0	NC
Un-ionized ammonia	mg/L	S38B	WCA-2	Inflow	0.00047	0.00064	0.000084	0.00025	0.00059	0.000049	0.0021	10	0	--
Un-ionized ammonia	mg/L	S7	WCA-2	Inflow	0.0019	0.0014	0.00072	0.0016	0.0029	0.000063	0.0057	82	0	NC
Un-ionized ammonia	mg/L	404C2	WCA-2	Interior	0.00083	0.00070	0.00039	0.00062	0.0011	0.000045	0.0032	22	0	--
Un-ionized ammonia	mg/L	404Z1	WCA-2	Interior	0.0010	0.00089	0.00051	0.00091	0.0011	0.00027	0.0049	24	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Un-ionized ammonia	mg/L	CA215	WCA-2	Interior	0.00070	0.00052	0.00036	0.00057	0.00087	0.00013	0.0027	73	0	NC
Un-ionized ammonia	mg/L	CA27	WCA-2	Interior	0.00032	0.00030	0.00012	0.00024	0.00041	0.0000006	0.0019	69	0	NC
Un-ionized ammonia	mg/L	CA28	WCA-2	Interior	0.00059	0.00053	0.00027	0.00044	0.00073	0.000096	0.0032	61	0	NC
Un-ionized ammonia	mg/L	CA29	WCA-2	Interior	0.00067	0.00075	0.00032	0.00047	0.00074	0.00012	0.0056	66	0	NC
Un-ionized ammonia	mg/L	E1	WCA-2	Interior	0.00043	0.00031	0.00021	0.00037	0.00056	0.000084	0.0016	39	0	NC
Un-ionized ammonia	mg/L	E2	WCA-2	Interior	0.00032	0.00015	0.00020	0.00029	0.00041	0.00011	0.00075	28	0	NC
Un-ionized ammonia	mg/L	E3	WCA-2	Interior	0.00038	0.00044	0.00021	0.00028	0.00039	0.000079	0.0028	36	0	NC
Un-ionized ammonia	mg/L	E4	WCA-2	Interior	0.00033	0.00034	0.00019	0.00027	0.00034	0.000037	0.0020	35	0	NC
Un-ionized ammonia	mg/L	E5	WCA-2	Interior	0.00088	0.00079	0.00041	0.00065	0.0011	0.00010	0.0043	42	0	NC
Un-ionized ammonia	mg/L	F1	WCA-2	Interior	0.00076	0.0019	0.00022	0.00046	0.00071	0.000037	0.017	82	0	NC
Un-ionized ammonia	mg/L	F2	WCA-2	Interior	0.00056	0.0011	0.00018	0.00031	0.00051	0.000034	0.0093	104	0	NC
Un-ionized ammonia	mg/L	F3	WCA-2	Interior	0.0016	0.0060	0.00026	0.00042	0.00059	0.000078	0.041	49	2.0±3.3	MC
Un-ionized ammonia	mg/L	F4	WCA-2	Interior	0.00022	0.00020	0.000070	0.00014	0.00032	0.000026	0.00090	100	0	NC
Un-ionized ammonia	mg/L	F5	WCA-2	Interior	0.00083	0.00064	0.00042	0.00071	0.00095	0.000065	0.0037	40	0	NC
Un-ionized ammonia	mg/L	N1	WCA-2	Interior	0.0012	0.0020	0.00051	0.00078	0.0012	0.000067	0.014	46	0	NC
Un-ionized ammonia	mg/L	S145	WCA-2	Interior	0.0011	0.0017	0.00028	0.00056	0.0013	0.000022	0.012	76	0	NC
Un-ionized ammonia	mg/L	U1	WCA-2	Interior	0.00064	0.00050	0.00036	0.00055	0.00077	0.000018	0.0031	41	0	NC
Un-ionized ammonia	mg/L	U2	WCA-2	Interior	0.0012	0.0013	0.00061	0.00084	0.0012	0.00013	0.0079	39	0	NC
Un-ionized ammonia	mg/L	U3	WCA-2	Interior	0.0012	0.0012	0.00061	0.00086	0.0012	0.00012	0.0061	39	0	NC
Un-ionized ammonia	mg/L	S11A	WCA-2	Outflow	0.0012	0.0010	0.00050	0.00097	0.0017	0.000073	0.0047	83	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-2	Outflow	0.00097	0.00089	0.00037	0.00062	0.0013	0.000042	0.0045	51	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-2	Outflow	0.00099	0.0012	0.00034	0.00068	0.0012	0.000049	0.0097	74	0	NC
Un-ionized ammonia	mg/L	S34	WCA-2	Outflow	0.0017	0.0024	0.00046	0.00097	0.0023	0.00010	0.016	85	0	NC
Un-ionized ammonia	mg/L	S38	WCA-2	Outflow	0.0010	0.0012	0.00025	0.00048	0.0011	0.000029	0.0049	84	0	NC
Un-ionized ammonia	mg/L	3AE0	WCA-3	Inflow	0.0013	0.00094	0.00064	0.0011	0.0016	0.00011	0.0044	43	0	NC
Un-ionized ammonia	mg/L	3AW0	WCA-3	Inflow	0.0012	0.0011	0.00043	0.00090	0.0015	0.00027	0.0047	45	0	NC
Un-ionized ammonia	mg/L	C123SR84	WCA-3	Inflow	0.00069	0.00052	0.00026	0.00060	0.00093	0.000071	0.0019	77	0	NC
Un-ionized ammonia	mg/L	G123	WCA-3	Inflow	0.0033	0.0037	0.0011	0.0021	0.0045	0.00021	0.023	60	1.7±2.7	MC
Un-ionized ammonia	mg/L	G204	WCA-3	Inflow	0.0024	0.0017	0.00076	0.0024	0.0039	0.00076	0.0046	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Un-ionized ammonia	mg/L	G205	WCA-3	Inflow	0.011	0.016	0.00076	0.0022	0.032	0.00032	0.036	7	28.6±28.1	--
Un-ionized ammonia	mg/L	G206	WCA-3	Inflow	0.0033	0.0036	0.00044	0.0022	0.0084	0.00027	0.0085	7	0	--
Un-ionized ammonia	mg/L	S11A	WCA-3	Inflow	0.0012	0.0010	0.00050	0.00097	0.0017	0.000073	0.0047	83	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-3	Inflow	0.00097	0.00089	0.00037	0.00062	0.0013	0.000042	0.0045	51	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-3	Inflow	0.00099	0.0012	0.00034	0.00068	0.0012	0.000049	0.0097	74	0	NC
Un-ionized ammonia	mg/L	S140	WCA-3	Inflow	0.0014	0.0013	0.00049	0.0011	0.0019	0.000014	0.0068	91	0	NC
Un-ionized ammonia	mg/L	S142	WCA-3	Inflow	0.0023	0.0031	0.00063	0.0012	0.0025	0.00011	0.018	88	0	NC
Un-ionized ammonia	mg/L	S150	WCA-3	Inflow	0.0017	0.0018	0.00076	0.0012	0.0020	0.000081	0.012	66	0	NC
Un-ionized ammonia	mg/L	S151	WCA-3	Inflow	0.0021	0.0017	0.00089	0.0017	0.0026	0.00023	0.0099	73	0	NC
Un-ionized ammonia	mg/L	S190	WCA-3	Inflow	0.00058	0.00050	0.00025	0.00045	0.00071	0.000036	0.0024	76	0	NC
Un-ionized ammonia	mg/L	S8	WCA-3	Inflow	0.0017	0.0010	0.00083	0.0017	0.0024	0.00014	0.0051	86	0	NC
Un-ionized ammonia	mg/L	S9	WCA-3	Inflow	0.0055	0.0025	0.0036	0.0053	0.0064	0.0011	0.017	70	0	NC
Un-ionized ammonia	mg/L	3AE05	WCA-3	Interior	0.00022	0.00015	0.00011	0.00018	0.00029	0.000039	0.00054	23	0	--
Un-ionized ammonia	mg/L	3AE10	WCA-3	Interior	0.00027	0.00019	0.00015	0.00023	0.00034	0.000042	0.00094	31	0	NC
Un-ionized ammonia	mg/L	3AE15	WCA-3	Interior	0.00031	0.00017	0.00017	0.00029	0.00038	0.000096	0.00085	33	0	NC
Un-ionized ammonia	mg/L	3AE20	WCA-3	Interior	0.00031	0.00023	0.00017	0.00025	0.00039	0.000048	0.0011	42	0	NC
Un-ionized ammonia	mg/L	3AE40	WCA-3	Interior	0.00071	0.00065	0.00038	0.00049	0.00089	0.000073	0.0040	41	0	NC
Un-ionized ammonia	mg/L	3ANMESO	WCA-3	Interior	0.00035	0.00048	0.00014	0.00022	0.00039	0.000034	0.0026	50	0	NC
Un-ionized ammonia	mg/L	3ASMESO	WCA-3	Interior	0.00053	0.0011	0.00020	0.00025	0.00042	0.000054	0.0074	49	0	NC
Un-ionized ammonia	mg/L	3AW05	WCA-3	Interior	0.00028	0.00028	0.000091	0.00016	0.00034	0.000026	0.00097	25	0	--
Un-ionized ammonia	mg/L	3AW10	WCA-3	Interior	0.00022	0.00024	0.000095	0.00015	0.00028	0.000022	0.0014	33	0	NC
Un-ionized ammonia	mg/L	3AW15	WCA-3	Interior	0.00028	0.00016	0.00018	0.00021	0.00035	0.000038	0.00074	32	0	NC
Un-ionized ammonia	mg/L	3AW20	WCA-3	Interior	0.00030	0.00025	0.00019	0.00025	0.00038	0.000034	0.0014	36	0	NC
Un-ionized ammonia	mg/L	3AW40	WCA-3	Interior	0.00056	0.00038	0.00025	0.00041	0.00079	0.000074	0.0017	42	0	NC
Un-ionized ammonia	mg/L	CA311	WCA-3	Interior	0.00025	0.00046	0.000058	0.00010	0.00021	0.000025	0.0029	76	0	NC
Un-ionized ammonia	mg/L	CA315	WCA-3	Interior	0.00030	0.00066	0.000044	0.000071	0.00023	0.0000048	0.0041	98	0	NC
Un-ionized ammonia	mg/L	CA316	WCA-3	Interior	0.00022	0.00021	0.000089	0.00018	0.00030	0.0000099	0.0016	97	0	NC
Un-ionized ammonia	mg/L	CA317	WCA-3	Interior	0.00075	0.00096	0.00022	0.00044	0.00082	0.0000011	0.0078	119	0	NC
Un-ionized ammonia	mg/L	CA318	WCA-3	Interior	0.00067	0.0021	0.000069	0.00015	0.00032	0.000014	0.014	111	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Un-ionized ammonia	mg/L	CA32	WCA-3	Interior	0.00020	0.00027	0.000059	0.000097	0.00022	0.000025	0.0013	53	0	NC
Un-ionized ammonia	mg/L	CA33	WCA-3	Interior	0.00016	0.00014	0.000061	0.00010	0.00020	0.000031	0.00059	53	0	NC
Un-ionized ammonia	mg/L	CA34	WCA-3	Interior	0.00012	0.000093	0.000057	0.000074	0.00016	0.000031	0.00054	54	0	NC
Un-ionized ammonia	mg/L	CA35	WCA-3	Interior	0.00019	0.00014	0.000091	0.00013	0.00024	0.000048	0.00058	40	0	NC
Un-ionized ammonia	mg/L	CA36	WCA-3	Interior	0.00022	0.00021	0.000098	0.00018	0.00024	0.000039	0.0012	32	0	NC
Un-ionized ammonia	mg/L	CA38	WCA-3	Interior	0.00018	0.00020	0.000062	0.00013	0.00020	0.000030	0.0011	55	0	NC
Un-ionized ammonia	mg/L	S12A	WCA-3	Outflow	0.00063	0.0012	0.00015	0.00028	0.00052	0.000041	0.0079	78	0	NC
Un-ionized ammonia	mg/L	S12B	WCA-3	Outflow	0.00062	0.0012	0.00016	0.00026	0.00056	0.000042	0.0081	81	0	NC
Un-ionized ammonia	mg/L	S12C	WCA-3	Outflow	0.00069	0.0011	0.00020	0.00033	0.00061	0.000034	0.0066	124	0	NC
Un-ionized ammonia	mg/L	S12D	WCA-3	Outflow	0.00077	0.00076	0.00028	0.00062	0.00090	0.000024	0.0046	111	0	NC
Un-ionized ammonia	mg/L	S197	WCA-3	Outflow	0.0013	0.0014	0.00057	0.00075	0.0023	0.00044	0.0038	5	0	--
Un-ionized ammonia	mg/L	S31	WCA-3	Outflow	0.0020	0.0013	0.0013	0.0019	0.0024	0.00017	0.0067	40	0	NC
Un-ionized ammonia	mg/L	S333	WCA-3	Outflow	0.00089	0.00096	0.00030	0.00059	0.0010	0.000036	0.0057	142	0	NC
Un-ionized ammonia	mg/L	S334	WCA-3	Outflow	0.0023	0.0022	0.00086	0.0017	0.0030	0.00021	0.011	66	0	NC
Un-ionized ammonia	mg/L	S344	WCA-3	Outflow	0.00040	0.00028	0.00019	0.00027	0.00059	0.00015	0.0010	13	0	--
Un-ionized ammonia	mg/L	S355A	WCA-3	Outflow	0.0012	0.0023	0.00013	0.00024	0.00077	0.000041	0.012	39	0	NC
Un-ionized ammonia	mg/L	S355B	WCA-3	Outflow	0.0012	0.0020	0.00010	0.00029	0.00095	0.000026	0.0077	39	0	NC
Un-ionized ammonia	mg/L	US41-25	WCA-3	Outflow	0.00064	0.00063	0.00028	0.00046	0.00079	0.000038	0.0038	95	0	NC
Un-ionized ammonia	mg/L	S12A	Park	Inflow	0.00063	0.0012	0.00015	0.00028	0.00052	0.000041	0.0079	78	0	NC
Un-ionized ammonia	mg/L	S12B	Park	Inflow	0.00062	0.0012	0.00016	0.00026	0.00056	0.000042	0.0081	81	0	NC
Un-ionized ammonia	mg/L	S12C	Park	Inflow	0.00069	0.0011	0.00020	0.00033	0.00061	0.000034	0.0066	124	0	NC
Un-ionized ammonia	mg/L	S12D	Park	Inflow	0.00077	0.00076	0.00028	0.00062	0.00090	0.000024	0.0046	111	0	NC
Un-ionized ammonia	mg/L	S175	Park	Inflow	0.0017	0.0013	0.00078	0.0011	0.0023	0.00038	0.0063	46	0	NC
Un-ionized ammonia	mg/L	S176	Park	Inflow	0.0030	0.0020	0.0013	0.0021	0.0049	0.00035	0.0085	66	0	NC
Un-ionized ammonia	mg/L	S18C	Park	Inflow	0.00091	0.00064	0.00056	0.00078	0.0011	0.000074	0.0042	93	0	NC
Un-ionized ammonia	mg/L	S332	Park	Inflow	0.0017	0.0015	0.00070	0.0010	0.0023	0.00018	0.0075	43	0	NC
Un-ionized ammonia	mg/L	S332D	Park	Inflow	0.0026	0.0016	0.0015	0.0021	0.0030	0.00030	0.0081	111	0	NC
Un-ionized ammonia	mg/L	S333	Park	Inflow	0.00089	0.00096	0.00030	0.00059	0.0010	0.000036	0.0057	142	0	NC
Un-ionized ammonia	mg/L	S355A	Park	Inflow	0.0012	0.0023	0.00013	0.00024	0.00077	0.000041	0.012	39	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Dev.	25th Percentile	Median	75% Percentile	Min.	Max.	N1	Excursion	
													%±90%CI	Category
Un-ionized ammonia	mg/L	S355B	Park	Inflow	0.0012	0.0020	0.00010	0.00029	0.00095	0.000026	0.0077	39	0	NC
Un-ionized ammonia	mg/L	EP	Park	Interior	0.0017	0.0022	0.00051	0.0011	0.0015	0.00023	0.011	31	0	NC
Un-ionized ammonia	mg/L	NE1	Park	Interior	0.00063	0.00064	0.00024	0.00042	0.00078	0.000077	0.0034	54	0	NC
Un-ionized ammonia	mg/L	NP201	Park	Interior	0.0013	0.0022	0.00059	0.00079	0.0011	0.000058	0.012	35	0	NC
Un-ionized ammonia	mg/L	P33	Park	Interior	0.0014	0.0030	0.00033	0.00049	0.0013	0.000087	0.017	57	0	NC
Un-ionized ammonia	mg/L	P34	Park	Interior	0.00073	0.00050	0.00038	0.00058	0.00093	0.00016	0.0023	37	0	NC
Un-ionized ammonia	mg/L	P35	Park	Interior	0.00053	0.00084	0.00014	0.00025	0.00048	0.000054	0.0042	37	0	NC
Un-ionized ammonia	mg/L	P36	Park	Interior	0.0024	0.0062	0.00052	0.00073	0.0019	0.00012	0.046	57	1.8±2.9	MC
Un-ionized ammonia	mg/L	P37	Park	Interior	0.0021	0.0023	0.00077	0.0011	0.0030	0.00034	0.010	31	0	NC
Un-ionized ammonia	mg/L	TSB	Park	Interior	0.00028	0.00030	0.00012	0.00017	0.00036	0.000052	0.0017	43	0	NC