Appendix 3A-2: Summary of Water Year 2002 through Water Year 2006 Water Quality Monitoring Results at Individual Monitoring Stations

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Table 1. Summary of WY2002–WY2006 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. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	ACME1DS	Refuge	Inflow	188	39	174	191	213	62	264	69	0	NC
Alkalinity	mg/L	G94D	Refuge	Inflow	182	31	171	184	200	67	260	73	0	NC
Alkalinity	mg/L	ENR012	Refuge	Inflow	255	44	225	256	288	158	349	129	0	NC
Alkalinity	mg/L	G310	Refuge	Inflow	240	47	206	243	275	126	329	129	0	NC
Alkalinity	mg/L	S5AD	Refuge	Rim	239	85	157	263	301	114	364	12	0	--
Alkalinity	mg/L	S6D	Refuge	Rim	253	55	199	257	302	170	324	8	0	--
Alkalinity	mg/L	LOXA104	Refuge	Rim	230	41	195	227	262	161	315	22	0	--
Alkalinity	mg/L	LOXA135	Refuge	Rim	188	42	150	186	206	126	298	23	0	--
Alkalinity	mg/L	X0	Refuge	Rim	226	45	195	224	260	90	313	60	0	NC
Alkalinity	mg/L	Z0	Refuge	Rim	225	44	194	221	257	104	301	58	0	NC
Alkalinity	mg/L	LOX3	Refuge	Interior	10	2.0	8	9	10	7	14	9	100	--
Alkalinity	mg/L	LOX4	Refuge	Interior	100	42	70	87	122	43	203	33	0	NC
Alkalinity	mg/L	LOX5	Refuge	Interior	9	2.1	7	8	10	7	14	11	100	--
Alkalinity	mg/L	LOX6	Refuge	Interior	65	36	43	56	72	30	196	45	0	NC
Alkalinity	mg/L	LOX7	Refuge	Interior	13	3.5	11	12	14	7	28	40	97.5±4.1	C
Alkalinity	mg/L	LOX8	Refuge	Interior	9	2.4	8	9	11	6	16	47	100	C
Alkalinity	mg/L	LOX9	Refuge	Interior	21	6.4	16	22	25	8	31	22	31.8±16.3	--
Alkalinity	mg/L	LOX10	Refuge	Interior	68	34	47	60	74	29	158	24	0	--
Alkalinity	mg/L	LOX11	Refuge	Interior	11	4.8	8	11	14	5	26	44	93.2±6.3	C
Alkalinity	mg/L	LOX12	Refuge	Interior	73	39	51	62	74	27	206	55	0	NC
Alkalinity	mg/L	LOX13	Refuge	Interior	13	4.6	11	13	15	6	26	38	86.8±9.0	C
Alkalinity	mg/L	LOX14	Refuge	Interior	47	30	25	40	54	14	155	49	6.1±5.6	MC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	LOX15	Refuge	Interior	116	49	77	110	155	31	208	54	0	NC
Alkalinity	mg/L	LOX16	Refuge	Interior	37	16	27	35	42	13	118	51	5.9±5.4	MC
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	208	53	169	213	251	46	296	52	0	NC
Alkalinity	mg/L	X2	Refuge	Interior	154	61	92	158	201	32	257	54	0	NC
Alkalinity	mg/L	X3	Refuge	Interior	118	60	60	106	169	32	228	54	0	NC
Alkalinity	mg/L	X4	Refuge	Interior	73	35	45	70	90	31	161	56	0	NC
Alkalinity	mg/L	Y4	Refuge	Interior	83	45	47	70	118	26	200	57	0	NC
Alkalinity	mg/L	Z1	Refuge	Interior	220	50	201	228	254	84	332	54	0	NC
Alkalinity	mg/L	Z2	Refuge	Interior	181	50	159	193	221	51	254	52	0	NC
Alkalinity	mg/L	Z3	Refuge	Interior	108	49	70	97	141	32	220	58	0	NC
Alkalinity	mg/L	Z4	Refuge	Interior	71	38	48	61	72	27	182	58	0	NC
Alkalinity	mg/L	G94B	Refuge	Outflow	160	46	133	160	188	46	267	62	0	NC
Alkalinity	mg/L	S10A	Refuge	Outflow	161	38	139	156	193	85	240	31	0	NC
Alkalinity	mg/L	S10A	WCA-2	Inflow	161	38	139	156	193	85	240	31	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	S10C	Refuge	Outflow	174	60	147	167	224	44	284	28	0	NC
Alkalinity	mg/L	S10C	WCA-2	Inflow	174	60	147	167	224	44	284	28	0	NC
Alkalinity	mg/L	S10D	Refuge	Outflow	217	43	185	215	247	136	303	68	0	NC
Alkalinity	mg/L	S10D	WCA-2	Inflow	217	43	185	215	247	136	303	68	0	NC
Alkalinity	mg/L	S10E	Refuge	Outflow	219	46	185	213	254	130	301	45	0	NC
Alkalinity	mg/L	S10E	WCA-2	Inflow	219	46	185	213	254	130	301	45	0	NC
Alkalinity	mg/L	S39	Refuge	Outflow	156	44	123	157	181	68	291	80	0	NC
Alkalinity	mg/L	S38B	WCA-2	Inflow	205	54	162	203	260	108	271	14	0	--
Alkalinity	mg/L	S7	WCA-2	Inflow	259	63	211	270	312	104	398	81	0	NC
Alkalinity	mg/L	E0	WCA-2	Inflow	281	69	228	293	333	112	382	57	0	NC
Alkalinity	mg/L	F0	WCA-2	Inflow	291	65	246	290	345	111	391	56	0	NC
Alkalinity	mg/L	G335	WCA-2	Inflow	300	41	272	307	330	186	384	125	0	NC
Alkalinity	mg/L	G339	WCA-2	Inflow	295	--	--	295	--	295	295	1	0	--
Alkalinity	mg/L	404C2	WCA-2	Interior	287	50	239	292	323	187	396	45	0	NC
Alkalinity	mg/L	404Z1	WCA-2	Interior	301	43	268	304	339	221	394	36	0	NC
Alkalinity	mg/L	F1	WCA-2	Interior	273	58	235	258	301	166	448	96	0	NC
Alkalinity	mg/L	F2	WCA-2	Interior	254	55	216	242	277	145	413	120	0	NC
Alkalinity	mg/L	F4	WCA-2	Interior	221	42	192	211	239	146	355	116	0	NC
Alkalinity	mg/L	N1	WCA-2	Interior	298	45	259	308	337	205	367	49	0	NC
Alkalinity	mg/L	CA215	WCA-2	Interior	202	31	182	197	223	146	293	79	0	NC
Alkalinity	mg/L	CA27	WCA-2	Interior	265	50	232	272	298	60	360	77	0	NC
Alkalinity	mg/L	CA28	WCA-2	Interior	300	46	275	302	327	204	414	67	0	NC
Alkalinity	mg/L	CA29	WCA-2	Interior	227	43	195	225	259	71	323	76	0	NC
Alkalinity	mg/L	E1	WCA-2	Interior	238	49	214	242	282	118	327	42	0	NC
Alkalinity	mg/L	E2	WCA-2	Interior	212	37	190	215	240	136	282	33	0	NC
Alkalinity	mg/L	E3	WCA-2	Interior	212	42	183	219	244	125	292	39	0	NC
Alkalinity	mg/L	E4	WCA-2	Interior	193	32	173	198	215	124	262	37	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	E5	WCA-2	Interior	193	24	170	191	214	153	233	42	0	NC
Alkalinity	mg/L	F3	WCA-2	Interior	257	63	209	236	299	164	449	51	0	NC
Alkalinity	mg/L	F5	WCA-2	Interior	223	38	192	219	252	158	292	45	0	NC
Alkalinity	mg/L	U1	WCA-2	Interior	174	26	153	180	192	105	225	44	0	NC
Alkalinity	mg/L	U2	WCA-2	Interior	201	29	184	202	224	135	260	41	0	NC
Alkalinity	mg/L	U3	WCA-2	Interior	203	32	179	199	227	145	268	43	0	NC
Alkalinity	mg/L	S145	WCA-2	Interior	181	35	156	178	202	111	274	82	0	NC
Alkalinity	mg/L	S144	WCA-2	Interior	188	--	--	188	--	188	188	1	0	--
Alkalinity	mg/L	S146	WCA-2	Interior	179	--	--	179	--	179	179	1	0	--
Alkalinity	mg/L	S11B	WCA-2	Outflow	208	46	171	200	231	125	329	50	0	NC
Alkalinity	mg/L	S11B	WCA-3	Inflow	208	46	171	200	231	125	329	50	0	NC
Alkalinity	mg/L	S11C	WCA-2	Outflow	237	48	203	237	277	107	344	78	0	NC
Alkalinity	mg/L	S11C	WCA-3	Inflow	237	48	203	237	277	107	344	78	0	NC
Alkalinity	mg/L	S11A	WCA-2	Outflow	210	49	168	201	251	109	333	87	0	NC
Alkalinity	mg/L	S11A	WCA-3	Inflow	210	49	168	201	251	109	333	87	0	NC
Alkalinity	mg/L	S34	WCA-2	Outflow	229	36	205	220	254	158	338	89	0	NC
Alkalinity	mg/L	S38	WCA-2	Outflow	174	42	142	163	198	112	286	82	0	NC
Alkalinity	mg/L	S8	WCA-3	Inflow	213	49	188	224	249	107	312	90	0	NC
Alkalinity	mg/L	G123	WCA-3	Inflow	243	40	211	241	272	162	334	62	0	NC
Alkalinity	mg/L	S140	WCA-3	Inflow	186	34	157	188	216	118	248	92	0	NC
Alkalinity	mg/L	S190	WCA-3	Inflow	205	42	183	210	236	107	268	80	0	NC
Alkalinity	mg/L	S9	WCA-3	Inflow	250	19	239	252	265	203	284	78	0	NC
Alkalinity	mg/L	S150	WCA-3	Inflow	232	60	186	233	275	106	375	64	0	NC
Alkalinity	mg/L	C123SR84	WCA-3	Inflow	203	34	176	201	227	147	347	77	0	NC
Alkalinity	mg/L	S142	WCA-3	Inflow	231	40	207	230	257	94	335	100	0	NC
Alkalinity	mg/L	S151	WCA-3	Inflow	222	31	202	219	243	155	320	78	0	NC
Alkalinity	mg/L	3AE0	WCA-3	Inflow	193	38	167	201	220	113	268	49	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	3AW0	WCA-3	Inflow	195	38	169	201	223	121	270	50	0	NC
Alkalinity	mg/L	CA311	WCA-3	Interior	143	24	124	142	161	99	216	87	0	NC
Alkalinity	mg/L	CA315	WCA-3	Interior	120	23	104	120	135	74	206	101	0	NC
Alkalinity	mg/L	CA316	WCA-3	Interior	214	42	182	212	243	128	306	102	0	NC
Alkalinity	mg/L	CA317	WCA-3	Interior	177	24	161	172	191	123	247	121	0	NC
Alkalinity	mg/L	CA318	WCA-3	Interior	191	24	177	192	207	120	251	115	0	NC
Alkalinity	mg/L	CA32	WCA-3	Interior	155	57	111	138	193	75	289	60	0	NC
Alkalinity	mg/L	CA33	WCA-3	Interior	197	43	166	192	223	76	313	65	0	NC
Alkalinity	mg/L	CA34	WCA-3	Interior	172	29	153	167	197	110	236	66	0	NC
Alkalinity	mg/L	CA35	WCA-3	Interior	168	35	141	169	184	112	258	44	0	NC
Alkalinity	mg/L	CA36	WCA-3	Interior	227	33	208	225	251	165	305	37	0	NC
Alkalinity	mg/L	CA38	WCA-3	Interior	139	20	128	136	153	86	184	67	0	NC
Alkalinity	mg/L	3AE05	WCA-3	Interior	196	35	178	200	223	108	254	29	0	NC
Alkalinity	mg/L	3AE10	WCA-3	Interior	191	32	167	191	216	113	248	36	0	NC
Alkalinity	mg/L	3AE15	WCA-3	Interior	191	28	166	194	215	135	247	40	0	NC
Alkalinity	mg/L	3AE20	WCA-3	Interior	187	26	167	183	214	144	237	44	0	NC
Alkalinity	mg/L	3AE40	WCA-3	Interior	168	22	148	171	186	131	226	42	0	NC
Alkalinity	mg/L	3ANMESO	WCA-3	Interior	154	21	140	157	172	95	201	49	0	NC
Alkalinity	mg/L	3ASMESO	WCA-3	Interior	146	22	130	145	161	97	189	98	0	NC
Alkalinity	mg/L	3AW05	WCA-3	Interior	200	36	174	210	224	111	254	32	0	NC
Alkalinity	mg/L	3AW10	WCA-3	Interior	198	33	182	207	223	110	249	39	0	NC
Alkalinity	mg/L	3AW15	WCA-3	Interior	187	31	171	193	209	124	246	39	0	NC
Alkalinity	mg/L	3AW20	WCA-3	Interior	182	31	162	179	208	124	241	39	0	NC
Alkalinity	mg/L	3AW40	WCA-3	Interior	159	24	142	161	178	94	203	45	0	NC
Alkalinity	mg/L	S334	WCA-3	Outflow	185	24	170	186	204	126	240	62	0	NC
Alkalinity	mg/L	S333	WCA-3	Outflow	178	29	161	181	199	101	246	104	0	NC
Alkalinity	mg/L	S333	Park	Inflow	178	29	161	181	199	101	246	104	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	S355A	WCA-3	Outflow	126	32	95	127	154	72	185	44	0	NC
Alkalinity	mg/L	S355A	Park	Inflow	126	32	95	127	154	72	185	44	0	NC
Alkalinity	mg/L	S355B	WCA-3	Outflow	145	30	114	148	166	93	204	44	0	NC
Alkalinity	mg/L	S355B	Park	Inflow	145	30	114	148	166	93	204	44	0	NC
Alkalinity	mg/L	S12A	WCA-3	Outflow	117	22	99	114	127	89	188	76	0	NC
Alkalinity	mg/L	S12A	Park	Inflow	117	22	99	114	127	89	188	76	0	NC
Alkalinity	mg/L	S12B	WCA-3	Outflow	122	26	104	116	133	85	213	85	0	NC
Alkalinity	mg/L	S12B	Park	Inflow	122	26	104	116	133	85	213	85	0	NC
Alkalinity	mg/L	S12C	WCA-3	Outflow	137	26	118	135	157	80	200	88	0	NC
Alkalinity	mg/L	S12C	Park	Inflow	137	26	118	135	157	80	200	88	0	NC
Alkalinity	mg/L	S12D	WCA-3	Outflow	167	35	129	176	191	101	243	121	0	NC
Alkalinity	mg/L	S12D	Park	Inflow	167	35	129	176	191	101	243	121	0	NC
Alkalinity	mg/L	S344	WCA-3	Outflow	109	23	89	98	131	83	144	16	0	--
Alkalinity	mg/L	S197	WCA-3	Outflow	171	17	160	174	184	142	190	6	0	--
Alkalinity	mg/L	S31	WCA-3	Outflow	224	24	207	217	244	187	288	41	0	NC
Alkalinity	mg/L	US41-25	WCA-3	Outflow	155	40	112	157	192	97	241	99	0	NC
Alkalinity	mg/L	S175	Park	Inflow	197	16	188	197	207	163	239	56	0	NC
Alkalinity	mg/L	S18C	Park	Inflow	197	7.8	194	198	202	174	213	95	0	NC
Alkalinity	mg/L	S332	Park	Inflow	198	17	188	196	206	150	245	52	0	NC
Alkalinity	mg/L	S332D	Park	Inflow	209	14	200	208	213	185	272	66	0	NC
Alkalinity	mg/L	T0E	Park	Inflow	210	6.0	204	213	215	202	216	5	0	--
Alkalinity	mg/L	T0W	Park	Inflow	209	6.9	203	208	216	199	216	5	0	--
Alkalinity	mg/L	EP	Park	Interior	162	16	152	162	174	116	208	33	0	NC
Alkalinity	mg/L	NE1	Park	Interior	186	31	161	182	214	134	248	56	0	NC
Alkalinity	mg/L	NP201	Park	Interior	160	26	143	156	178	108	246	56	0	NC
Alkalinity	mg/L	P33	Park	Interior	180	33	157	175	205	117	277	55	0	NC
Alkalinity	mg/L	P34	Park	Interior	115	23	98	111	125	79	171	39	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	P35	Park	Interior	152	31	135	148	166	71	239	37	0	NC
Alkalinity	mg/L	P36	Park	Interior	165	27	146	158	187	121	236	55	0	NC
Alkalinity	mg/L	P37	Park	Interior	115	40	90	102	131	72	228	33	0	NC
Alkalinity	mg/L	TSB	Park	Interior	174	33	153	180	204	90	237	46	0	NC
Alkalinity	mg/L	T05E	Park	Interior	220	24	201	215	244	197	254	4	0	--
Alkalinity	mg/L	T10W	Park	Interior	216	26	198	207	243	196	254	4	0	--
Alkalinity	mg/L	T24	Park	Interior	147	22	126	147	169	126	169	3	0	--
Alkalinity	mg/L	T33	Park	Interior	156	28	133	155	181	127	200	5	0	--
Alkalinity	mg/L	T34	Park	Interior	147	21	123	158	161	123	161	3	0	--
Alkalinity	mg/L	TNMESO	Park	Interior	138	17	120	141	152	114	154	4	0	--
Alkalinity	mg/L	T05W	Park	Interior	206	12	192	213	214	192	214	3	0	--
Alkalinity	mg/L	T10E	Park	Interior	204	3.5		204	--	201	206	2	0	--
Alkalinity	mg/L	T15E	Park	Interior	203	21	179	214	217	179	217	3	0	--
Alkalinity	mg/L	T15W	Park	Interior	183	9.2	178	178	194	178	194	3	0	--
Alkalinity	mg/L	T23	Park	Interior	161	16	150	153	179	150	179	3	0	--
Alkalinity	mg/L	TSMESO	Park	Interior	69	5.2	66	66	75	66	75	3	0	--
Annual Average DO	mg/L	ACME1DS	Refuge	Inflow	5.57	0.80187	4.78	5.59	6.35	4.56	6.42	5	0	--
Annual Average DO	mg/L	G94D	Refuge	Inflow	5.134	0.85658	4.26	5.29	5.93	4.19	6.16	5	0	--
Annual Average DO	mg/L	ENR012	Refuge	Inflow	2	0.46947	1.6	1.94	2.43	1.5	2.72	5	100	--
Annual Average DO	mg/L	G310	Refuge	Inflow	3.802	0.28648	3.56	3.84	4.025	3.35	4.13	5	0	--
Annual Average DO	mg/L	G300	Refuge	Inflow	4.99	--	--	4.99	--	4.99	4.99	1	0	--
Annual Average DO	mg/L	S5AD	Refuge	Rim	3.99	--	--	3.99	--	3.99	3.99	1	0	--
Annual Average DO	mg/L	S6D	Refuge	Rim	3.35	--	--	3.35	--	3.35	3.35	1	0	--
Annual Average DO	mg/L	LOXA104	Refuge	Rim	4.415	0.50205	--	4.415	--	4.06	4.77	2	0	--
Annual Average DO	mg/L	LOXA135	Refuge	Rim	4.52	0.94752	--	4.52	--	3.85	5.19	2	0	--
Annual Average DO	mg/L	X0	Refuge	Rim	3.97	0.60568	3.51	3.84	4.495	3.31	4.94	5	0	--
Annual Average DO	mg/L	Z0	Refuge	Rim	4.058	0.54343	3.63	3.91	4.56	3.41	4.87	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Annual Average DO	mg/L	LOX3	Refuge	Interior	4.544	0.93273	3.595	5.01	5.26	3.16	5.43	5	0	--
Annual Average DO	mg/L	LOX4	Refuge	Interior	3.706	1.08313	3.08	3.28	4.545	2.92	5.61	5	0	--
Annual Average DO	mg/L	LOX5	Refuge	Interior	4.2225	1.04312	3.1925	4.27	5.205	2.94	5.41	4	0	--
Annual Average DO	mg/L	LOX6	Refuge	Interior	3.992	0.51611	3.52	4.05	4.435	3.44	4.76	5	0	--
Annual Average DO	mg/L	LOX7	Refuge	Interior	4.192	0.99457	3.21	4.5	5.02	2.9	5.45	5	0	--
Annual Average DO	mg/L	LOX8	Refuge	Interior	4.748	0.60952	4.185	4.81	5.28	4.12	5.65	5	0	--
Annual Average DO	mg/L	LOX9	Refuge	Interior	3.92	0.87057	3.12	3.75	4.805	2.87	4.93	5	0	--
Annual Average DO	mg/L	LOX10	Refuge	Interior	3.872	0.58393	3.35	3.94	4.36	3.32	4.77	5	0	--
Annual Average DO	mg/L	LOX11	Refuge	Interior	3.486	0.58192	3.065	3.41	3.945	2.8	4.41	5	0	--
Annual Average DO	mg/L	LOX12	Refuge	Interior	4.336	0.57882	3.81	4.51	4.775	3.38	4.8	5	0	--
Annual Average DO	mg/L	LOX13	Refuge	Interior	4.026	0.63078	3.515	3.72	4.69	3.31	4.76	5	0	--
Annual Average DO	mg/L	LOX14	Refuge	Interior	3.334	0.73306	2.74	3	4.095	2.74	4.39	5	0	--
Annual Average DO	mg/L	LOX15	Refuge	Interior	4.204	0.51709	3.78	3.99	4.735	3.69	4.94	5	0	--
Annual Average DO	mg/L	LOX16	Refuge	Interior	2.466	0.47284	2.1	2.38	2.875	2.06	3.25	5	60.0±36.0	--
Annual Average DO	mg/L	LOXA101	Refuge	Interior	2.775	1.33643	--	2.775	--	1.83	3.72	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA103	Refuge	Interior	2.975	1.15258	--	2.975	--	2.16	3.79	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA105	Refuge	Interior	2.345	1.85969	--	2.345	--	1.03	3.66	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA106	Refuge	Interior	2.66	1.08894	--	2.66	--	1.89	3.43	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA107	Refuge	Interior	2.5	1.82434	--	2.5	--	1.21	3.79	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA108	Refuge	Interior	3.98	0.42426	--	3.98	--	3.68	4.28	2	0	--
Annual Average DO	mg/L	LOXA124	Refuge	Interior	2.05	0.21213	--	2.05	--	1.9	2.2	2	100	--
Annual Average DO	mg/L	LOXA130	Refuge	Interior	2.04	0.12728	--	2.04	--	1.95	2.13	2	100	--
Annual Average DO	mg/L	LOXA136	Refuge	Interior	1.6	1.24451	--	1.6	--	0.72	2.48	2	100	--
Annual Average DO	mg/L	LOXA137	Refuge	Interior	2.765	1.52028	--	2.765	--	1.69	3.84	2	50.0±58.2	--
Annual Average DO	mg/L	LOXA138	Refuge	Interior	4.87	3.45068	--	4.87	--	2.43	7.31	2	0	--
Annual Average DO	mg/L	LOXA139	Refuge	Interior	4.73	3.25269	--	4.73	--	2.43	7.03	2	0	--
Annual Average DO	mg/L	LOXA140	Refuge	Interior	4.44	3.30926	--	4.44	--	2.1	6.78	2	50.0±58.2	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Annual Average DO	mg/L	X1	Refuge	Interior	1.118	0.35117	0.77	1.12	1.465	0.74	1.53	5	100	--
Annual Average DO	mg/L	X2	Refuge	Interior	2.076	0.35402	1.745	2.08	2.405	1.67	2.57	5	100	--
Annual Average DO	mg/L	X3	Refuge	Interior	2.254	0.56699	1.72	2.26	2.785	1.48	2.92	5	80.0±29.4	--
Annual Average DO	mg/L	X4	Refuge	Interior	2.94	0.69839	2.325	2.85	3.6	2.21	3.98	5	40.0±36.0	--
Annual Average DO	mg/L	Y4	Refuge	Interior	2.532	0.68605	1.805	2.82	3.115	1.64	3.18	5	80.0±29.4	--
Annual Average DO	mg/L	Z1	Refuge	Interior	0.992	0.27031	0.765	0.95	1.24	0.59	1.28	5	100	--
Annual Average DO	mg/L	Z2	Refuge	Interior	1.81	0.3973	1.455	1.75	2.195	1.33	2.35	5	100	--
Annual Average DO	mg/L	Z3	Refuge	Interior	3.64	0.507	3.235	3.48	4.125	3.14	4.43	5	0	--
Annual Average DO	mg/L	Z4	Refuge	Interior	4.004	1.10491	3.17	3.61	5.035	3.1	5.81	5	0	--
Annual Average DO	mg/L	G94B	Refuge	Outflow	3.636	0.56248	3.135	3.85	4.03	2.7	4.15	5	0	--
Annual Average DO	mg/L	S10A	Refuge	Outflow	5.66	0.96169	4.65	6.04	6.48	4.5	6.73	5	0	--
Annual Average DO	mg/L	S10A	WCA-2	Inflow	5.66	0.96169	4.65	6.04	6.48	4.5	6.73	5	0	--
Annual Average DO	mg/L	S10C	Refuge	Outflow	5.632	0.67887	5.09	5.25	6.365	4.98	6.44	5	0	--
Annual Average DO	mg/L	S10C	WCA-2	Inflow	5.632	0.67887	5.09	5.25	6.365	4.98	6.44	5	0	--
Annual Average DO	mg/L	S10D	Refuge	Outflow	4.72	0.82771	4.12	4.99	5.185	3.25	5.21	5	0	--
Annual Average DO	mg/L	S10D	WCA-2	Inflow	4.72	0.82771	4.12	4.99	5.185	3.25	5.21	5	0	--
Annual Average DO	mg/L	S10E	Refuge	Outflow	4.64	0.93177	3.665	4.895	5.36	3.32	5.45	4	0	--
Annual Average DO	mg/L	S10E	WCA-2	Inflow	4.64	0.93177	3.665	4.895	5.36	3.32	5.45	4	0	--
Annual Average DO	mg/L	S39	Refuge	Outflow	5.644	0.55139	5.135	5.52	6.215	5.02	6.26	5	0	--
Annual Average DO	mg/L	S38B	WCA-2	Inflow	2.93	1.69706	--	2.93	--	1.73	4.13	2	100	--
Annual Average DO	mg/L	S7	WCA-2	Inflow	4.686	1.07323	3.775	4.55	5.665	3.33	6.22	5	20.0±29.4	--
Annual Average DO	mg/L	E0	WCA-2	Inflow	3.714	0.75398	2.95	4.01	4.33	2.61	4.45	5	20.0±29.4	--
Annual Average DO	mg/L	F0	WCA-2	Inflow	2.91	0.69574	2.29	2.73	3.62	2.04	3.65	5	40.0±36.0	--
Annual Average DO	mg/L	G335	WCA-2	Inflow	4.688	0.11167	4.57	4.73	4.785	4.56	4.81	5	0	--
Annual Average DO	mg/L	404C2	WCA-2	Interior	4.08	0.85913	3.36	3.69	4.995	3.19	5.12	5	0	--
Annual Average DO	mg/L	404Z1	WCA-2	Interior	2.3375	0.42437	1.9425	2.315	2.755	1.85	2.87	4	100	--
Annual Average DO	mg/L	F1	WCA-2	Interior	2.016	0.4729	1.645	1.73	2.53	1.6	2.58	5	100	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Annual Average DO	mg/L	F2	WCA-2	Interior	2.024	0.54684	1.675	1.75	2.51	1.67	2.96	5	100	--
Annual Average DO	mg/L	F4	WCA-2	Interior	2.62	0.73997	1.865	2.72	3.325	1.82	3.47	5	60.0±36.0	--
Annual Average DO	mg/L	N1	WCA-2	Interior	2.418	0.56149	1.88	2.48	2.925	1.85	3.21	5	40.0±36.0	--
Annual Average DO	mg/L	CA215	WCA-2	Interior	4.644	1.01609	3.75	4.73	5.495	3.64	6.22	5	0	--
Annual Average DO	mg/L	CA27	WCA-2	Interior	3.494	0.78449	2.945	3.24	4.17	2.77	4.81	5	0	--
Annual Average DO	mg/L	CA28	WCA-2	Interior	2.398	0.68064	1.875	2.24	3	1.68	3.49	5	60.0±36.0	--
Annual Average DO	mg/L	CA29	WCA-2	Interior	4.218	0.81512	3.665	3.86	4.95	3.64	5.6	5	0	--
Annual Average DO	mg/L	E1	WCA-2	Interior	1.338	0.47468	0.96	1.14	1.815	0.84	2.03	5	100	--
Annual Average DO	mg/L	E2	WCA-2	Interior	1.396	0.83428	0.75	1.34	2.07	0.58	2.77	5	100	--
Annual Average DO	mg/L	E3	WCA-2	Interior	1.632	0.51737	1.125	1.77	2.07	0.97	2.3	5	100	--
Annual Average DO	mg/L	E4	WCA-2	Interior	1.632	0.61288	1.1	1.51	2.225	0.89	2.48	5	100	--
Annual Average DO	mg/L	E5	WCA-2	Interior	4.666	1.34083	3.5	4.61	5.86	2.9	6.53	5	0	--
Annual Average DO	mg/L	F3	WCA-2	Interior	2.5	0.82967	1.73	2.56	3.24	1.35	3.54	5	100	--
Annual Average DO	mg/L	F5	WCA-2	Interior	3.686	0.98663	2.96	3.23	4.64	2.72	5.23	5	20.0±29.4	--
Annual Average DO	mg/L	U1	WCA-2	Interior	2.74	0.81587	1.94	2.9	3.46	1.93	3.86	5	60.0±36.0	--
Annual Average DO	mg/L	U2	WCA-2	Interior	5.078	1.09365	4.115	5.23	5.965	3.35	6.25	5	0	--
Annual Average DO	mg/L	U3	WCA-2	Interior	3.9	1.18518	2.94	3.72	4.95	2.83	5.82	5	0	--
Annual Average DO	mg/L	S145	WCA-2	Interior	4.796	0.19667	4.62	4.76	4.99	4.53	4.99	5	0	--
Annual Average DO	mg/L	S11B	WCA-2	Outflow	4.326	0.75926	3.69	4.03	5.11	3.45	5.29	5	0	--
Annual Average DO	mg/L	S11B	WCA-3	Inflow	4.326	0.75926	3.69	4.03	5.11	3.45	5.29	5	0	--
Annual Average DO	mg/L	S11C	WCA-2	Outflow	3.888	0.23994	3.67	3.91	4.095	3.52	4.14	5	0	--
Annual Average DO	mg/L	S11C	WCA-3	Inflow	3.888	0.23994	3.67	3.91	4.095	3.52	4.14	5	0	--
Annual Average DO	mg/L	S11A	WCA-2	Outflow	5.73	0.51875	5.25	5.74	6.205	5.04	6.4	5	0	--
Annual Average DO	mg/L	S11A	WCA-3	Inflow	5.73	0.51875	5.25	5.74	6.205	5.04	6.4	5	0	--
Annual Average DO	mg/L	S34	WCA-2	Outflow	4.506	0.63303	4.06	4.34	5.035	4.03	5.59	5	0	--
Annual Average DO	mg/L	S38	WCA-2	Outflow	3.768	0.61079	3.16	3.87	4.325	2.96	4.47	5	20.0±29.4	--
Annual Average DO	mg/L	S8	WCA-3	Inflow	5.066	0.40178	4.68	5.2	5.385	4.51	5.57	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Annual Average DO	mg/L	G205	WCA-3	Inflow	5.26	--	--	5.26	--	5.26	5.26	1	0	--
Annual Average DO	mg/L	G206	WCA-3	Inflow	3.81	--	--	3.81	--	3.81	3.81	1	0	--
Annual Average DO	mg/L	G123	WCA-3	Inflow	4.336	0.90163	3.59	4.15	5.175	3.42	5.74	5	0	--
Annual Average DO	mg/L	S140	WCA-3	Inflow	4.58	0.76903	3.86	4.68	5.25	3.7	5.68	5	0	--
Annual Average DO	mg/L	S190	WCA-3	Inflow	5.772	0.3791	5.37	6	6.06	5.25	6.11	5	0	--
Annual Average DO	mg/L	S9	WCA-3	Inflow	2.822	0.55364	2.345	2.88	3.27	2.13	3.64	5	80.0±29.4	--
Annual Average DO	mg/L	S150	WCA-3	Inflow	5.016	0.91947	4.325	4.51	5.96	4.3	6.4	5	0	--
Annual Average DO	mg/L	C123SR84	WCA-3	Inflow	4.37	0.61033	3.895	4.28	4.89	3.65	5.32	5	0	--
Annual Average DO	mg/L	S142	WCA-3	Inflow	3.994	0.72259	3.29	4.26	4.565	2.89	4.73	5	20.0±29.4	--
Annual Average DO	mg/L	S151	WCA-3	Inflow	3.574	0.34904	3.2	3.75	3.86	3.12	3.87	5	40.0±36.0	--
Annual Average DO	mg/L	CA311	WCA-3	Interior	3.75	0.43058	3.455	3.54	4.15	3.38	4.46	5	0	--
Annual Average DO	mg/L	CA315	WCA-3	Interior	3.478	0.71419	3.095	3.23	3.985	2.97	4.74	5	0	--
Annual Average DO	mg/L	CA316	WCA-3	Interior	2.324	0.66131	1.8	1.98	3.02	1.71	3.24	5	60.0±36.0	--
Annual Average DO	mg/L	CA317	WCA-3	Interior	4.27	0.76622	3.48	4.54	4.925	3.36	5.19	5	0	--
Annual Average DO	mg/L	CA318	WCA-3	Interior	2.846	0.57274	2.365	2.79	3.355	2.36	3.76	5	40.0±36.0	--
Annual Average DO	mg/L	CA32	WCA-3	Interior	3.38	0.45094	3.065	3.12	3.825	3.06	4.1	5	0	--
Annual Average DO	mg/L	CA33	WCA-3	Interior	2.882	0.63692	2.4	2.68	3.465	2.35	3.93	5	40.0±36.0	--
Annual Average DO	mg/L	CA34	WCA-3	Interior	3.344	0.7636	2.695	3.27	4.03	2.3	4.37	5	20.0±29.4	--
Annual Average DO	mg/L	CA35	WCA-3	Interior	3.994	0.41519	3.63	3.89	4.41	3.5	4.54	5	0	--
Annual Average DO	mg/L	CA36	WCA-3	Interior	1.788	0.64087	1.36	1.46	2.38	1.3	2.86	5	80.0±29.4	--
Annual Average DO	mg/L	CA38	WCA-3	Interior	3.198	0.45653	2.76	3.3	3.585	2.66	3.83	5	0	--
Annual Average DO	mg/L	3AE05	WCA-3	Interior	1.8475	1.1903	1.0825	1.39	3.07	1	3.61	4	100	--
Annual Average DO	mg/L	3AE10	WCA-3	Interior	1.396	0.59315	0.97	1.29	1.875	0.94	2.41	5	100	--
Annual Average DO	mg/L	3AE15	WCA-3	Interior	1.692	0.411	1.31	1.7	2.07	1.24	2.28	5	100	--
Annual Average DO	mg/L	3AE20	WCA-3	Interior	3.04	0.54143	2.585	2.94	3.545	2.24	3.56	5	40.0±36.0	--
Annual Average DO	mg/L	3AE40	WCA-3	Interior	4.594	0.89106	3.805	4.54	5.41	3.28	5.56	5	0	--
Annual Average DO	mg/L	3ANMESO	WCA-3	Interior	2.498	0.73032	1.95	2.12	3.235	1.89	3.62	5	60.0±36.0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Annual Average DO	mg/L	3ASMESO	WCA-3	Interior	3.15	1.3842	2.215	2.26	4.53	2.18	5.34	5	60.0±36.0	--
Annual Average DO	mg/L	3AW05	WCA-3	Interior	1.302	0.52912	0.855	1.28	1.76	0.74	2.13	5	100	--
Annual Average DO	mg/L	3AW10	WCA-3	Interior	1.574	0.83954	0.945	1.13	2.425	0.78	2.83	5	100	--
Annual Average DO	mg/L	3AW15	WCA-3	Interior	1.604	0.32176	1.3	1.58	1.92	1.21	2	5	100	--
Annual Average DO	mg/L	3AW20	WCA-3	Interior	1.538	0.43586	1.16	1.52	1.925	0.93	2.11	5	100	--
Annual Average DO	mg/L	3AW40	WCA-3	Interior	5.016	1.10992	4.14	5.17	5.815	3.14	6.03	5	0	--
Annual Average DO	mg/L	S334	WCA-3	Outflow	4.46	0.65536	3.76	4.82	4.98	3.63	5.11	5	0	--
Annual Average DO	mg/L	S333	WCA-3	Outflow	3.418	0.24417	3.165	3.52	3.62	3.09	3.68	5	0	--
Annual Average DO	mg/L	S333	Park	Inflow	3.418	0.24417	3.165	3.52	3.62	3.09	3.68	5	0	--
Annual Average DO	mg/L	S355A	WCA-3	Outflow	5.894	0.64006	5.39	5.81	6.44	5.33	6.95	5	0	--
Annual Average DO	mg/L	S355A	Park	Inflow	5.894	0.64006	5.39	5.81	6.44	5.33	6.95	5	0	--
Annual Average DO	mg/L	S355B	WCA-3	Outflow	5.344	1.21373	4.275	4.92	6.625	4.07	6.8	5	0	--
Annual Average DO	mg/L	S355B	Park	Inflow	5.344	1.21373	4.275	4.92	6.625	4.07	6.8	5	0	--
Annual Average DO	mg/L	S12A	WCA-3	Outflow	3.678	0.1878	3.525	3.59	3.875	3.46	3.89	5	0	--
Annual Average DO	mg/L	S12A	Park	Inflow	3.678	0.1878	3.525	3.59	3.875	3.46	3.89	5	0	--
Annual Average DO	mg/L	S12B	WCA-3	Outflow	3.828	0.30194	3.515	3.98	4.065	3.41	4.14	5	0	--
Annual Average DO	mg/L	S12B	Park	Inflow	3.828	0.30194	3.515	3.98	4.065	3.41	4.14	5	0	--
Annual Average DO	mg/L	S12C	WCA-3	Outflow	3.368	0.31084	3.05	3.4	3.67	3.05	3.69	5	0	--
Annual Average DO	mg/L	S12C	Park	Inflow	3.368	0.31084	3.05	3.4	3.67	3.05	3.69	5	0	--
Annual Average DO	mg/L	S12D	WCA-3	Outflow	3.182	0.43654	2.755	3.18	3.61	2.63	3.61	5	40.0±36.0	--
Annual Average DO	mg/L	S12D	Park	Inflow	3.182	0.43654	2.755	3.18	3.61	2.63	3.61	5	40.0±36.0	--
Annual Average DO	mg/L	S344	WCA-3	Outflow	3.15333	0.44072	2.65	3.34	3.47	2.65	3.47	3	0	--
Annual Average DO	mg/L	S197	WCA-3	Outflow	4.63	--	--	4.63	--	4.63	4.63	1	0	--
Annual Average DO	mg/L	S31	WCA-3	Outflow	3.13	0.92977	2.17	3.285	3.935	1.9	4.05	4	25.0±35.6	--
Annual Average DO	mg/L	US41-25	WCA-3	Outflow	2.702	0.3161	2.445	2.66	2.98	2.36	3.2	5	20.0±29.4	--
Annual Average DO	mg/L	S175	Park	Inflow	3.926	0.66116	3.32	3.84	4.575	3.29	4.86	5	0	--
Annual Average DO	mg/L	S18C	Park	Inflow	4.968	0.7648	4.3	4.76	5.74	4.24	6.06	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Annual Average DO	mg/L	S332	Park	Inflow	3.612	0.83918	2.885	3.37	4.46	2.79	4.81	5	0	--
Annual Average DO	mg/L	S332D	Park	Inflow	2.552	0.63421	2.11	2.43	3.055	2.03	3.64	5	80.0±29.4	--
Annual Average DO	mg/L	T0E	Park	Inflow	5.62	--	--	5.62	--	5.62	5.62	1	0	--
Annual Average DO	mg/L	T0W	Park	Inflow	5.55	--	--	5.55	--	5.55	5.55	1	0	--
Annual Average DO	mg/L	EP	Park	Interior	8.782	0.40376	8.41	8.7	9.195	8.32	9.27	5	0	--
Annual Average DO	mg/L	NE1	Park	Interior	3.258	0.99407	2.45	2.88	4.255	2.27	4.73	5	40.0±36.0	--
Annual Average DO	mg/L	NP201	Park	Interior	5.12	0.22946	4.92	5.04	5.36	4.86	5.39	5	0	--
Annual Average DO	mg/L	P33	Park	Interior	4.444	0.63268	3.83	4.71	4.925	3.47	5.09	5	0	--
Annual Average DO	mg/L	P34	Park	Interior	6.756	0.51486	6.26	6.85	7.205	6.21	7.48	5	0	--
Annual Average DO	mg/L	P35	Park	Interior	4.252	0.42909	3.85	4.23	4.665	3.81	4.85	5	0	--
Annual Average DO	mg/L	P36	Park	Interior	4.416	0.65091	3.875	4.43	4.95	3.37	5.07	5	0	--
Annual Average DO	mg/L	P37	Park	Interior	8.222	0.37513	7.89	8.1	8.615	7.8	8.65	5	0	--
Annual Average DO	mg/L	TSB	Park	Interior	3.164	0.21443	2.94	3.27	3.335	2.87	3.38	5	0	--
Annual Average DO	mg/L	T05E	Park	Interior	3.55	--	--	3.55	--	3.55	3.55	1	0	--
Annual Average DO	mg/L	T10W	Park	Interior	5.23	--	--	5.23	--	5.23	5.23	1	0	--
Annual Average DO	mg/L	T24	Park	Interior	5.64	--	--	5.64	--	5.64	5.64	1	0	--
Annual Average DO	mg/L	T33	Park	Interior	5.92	--	--	5.92	--	5.92	5.92	1	0	--
Annual Average DO	mg/L	T34	Park	Interior	6.07	--	--	6.07	--	6.07	6.07	1	0	--
Annual Average DO	mg/L	TNMESO	Park	Interior	5.68	--	--	5.68	--	5.68	5.68	1	0	--
Dissolved Oxygen	mg/L	ACME1DS	Refuge	Inflow	5.52	1.58	4.42	5.33	6.87	1.87	8.90	69		N/A
Dissolved Oxygen	mg/L	G94D	Refuge	Inflow	5.08	1.84	3.73	4.94	6.49	1.17	10.20	72		N/A
Dissolved Oxygen	mg/L	ENR012	Refuge	Inflow	2.00	1.57	0.80	1.64	2.79	0.10	7.55	259		N/A
Dissolved Oxygen	mg/L	G310	Refuge	Inflow	3.80	1.89	2.44	3.62	4.98	0.05	9.72	259		N/A
Dissolved Oxygen	mg/L	G300	Refuge	Inflow	3.13	2.54	1.68	2.11	4.20	0.71	10.10	12		N/A
Dissolved Oxygen	mg/L	G301	Refuge	Inflow	3.34	2.03	1.63	3.06	4.94	1.25	6.51	6		N/A
Dissolved Oxygen	mg/L	S5AD	Refuge	Rim	3.99	1.87	2.36	3.51	5.45	1.34	7.20	12		N/A
Dissolved Oxygen	mg/L	S6D	Refuge	Rim	3.35	1.44	2.81	3.23	4.71	0.55	5.07	8		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	LOXA104	Refuge	Rim	4.45	2.06	3.05	4.32	6.21	0.31	8.24	20		N/A
Dissolved Oxygen	mg/L	LOXA135	Refuge	Rim	4.59	2.83	2.42	4.42	6.39	0.13	12.00	20		N/A
Dissolved Oxygen	mg/L	X0	Refuge	Rim	3.97	1.74	2.55	4.26	5.26	0.92	7.71	53		N/A
Dissolved Oxygen	mg/L	Z0	Refuge	Rim	4.03	1.84	2.63	4.01	5.28	0.80	8.51	55		N/A
Dissolved Oxygen	mg/L	LOX3	Refuge	Interior	4.43	1.80	3.18	4.00	5.72	1.45	8.24	28		N/A
Dissolved Oxygen	mg/L	LOX4	Refuge	Interior	3.78	1.80	2.48	3.42	4.38	1.33	9.00	43		N/A
Dissolved Oxygen	mg/L	LOX5	Refuge	Interior	4.11	1.75	2.82	3.88	5.31	1.06	8.04	33		N/A
Dissolved Oxygen	mg/L	LOX6	Refuge	Interior	3.95	1.97	1.90	4.23	5.14	1.12	8.52	54		N/A
Dissolved Oxygen	mg/L	LOX7	Refuge	Interior	4.26	2.10	2.66	4.06	5.89	0.45	9.33	50		N/A
Dissolved Oxygen	mg/L	LOX8	Refuge	Interior	4.76	1.97	3.27	4.63	6.06	1.09	10.03	52		N/A
Dissolved Oxygen	mg/L	LOX9	Refuge	Interior	3.95	1.87	2.73	3.50	5.04	1.13	10.05	40		N/A
Dissolved Oxygen	mg/L	LOX10	Refuge	Interior	3.90	1.33	3.15	3.52	4.61	2.10	8.28	40		N/A
Dissolved Oxygen	mg/L	LOX11	Refuge	Interior	3.47	2.19	1.62	3.20	4.57	0.27	8.73	54		N/A
Dissolved Oxygen	mg/L	LOX12	Refuge	Interior	4.32	1.82	2.88	3.96	5.88	1.17	8.37	58		N/A
Dissolved Oxygen	mg/L	LOX13	Refuge	Interior	3.94	2.23	2.14	3.70	5.73	0.26	8.89	49		N/A
Dissolved Oxygen	mg/L	LOX14	Refuge	Interior	3.31	1.80	1.72	3.18	4.99	0.57	6.88	55		N/A
Dissolved Oxygen	mg/L	LOX15	Refuge	Interior	4.18	1.63	2.72	4.54	5.08	0.70	8.38	56		N/A
Dissolved Oxygen	mg/L	LOX16	Refuge	Interior	2.44	1.42	1.33	2.21	3.28	0.33	6.72	54		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	4.67	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	2.71	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	1.31	1.09	1.72	2.57	0.55	4.99	17		N/A
Dissolved Oxygen	mg/L	LOXA136	Refuge	Interior	1.60	1.85	0.61	0.79	1.97	0.29	5.63	10		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	LOXA137	Refuge	Interior	3.08	1.91	1.69	2.95	3.76	0.16	7.01	17		N/A
Dissolved Oxygen	mg/L	LOXA138	Refuge	Interior	5.57	3.16	2.90	4.80	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
Dissolved Oxygen	mg/L	X1	Refuge	Interior	1.08	1.21	0.44	0.72	1.18	0.16	7.07	48		N/A
Dissolved Oxygen	mg/L	X2	Refuge	Interior	2.05	1.38	1.04	1.80	2.56	0.39	7.64	49		N/A
Dissolved Oxygen	mg/L	X3	Refuge	Interior	2.20	1.48	1.17	1.49	2.98	0.47	6.59	51		N/A
Dissolved Oxygen	mg/L	X4	Refuge	Interior	2.89	1.78	1.37	2.57	4.07	0.55	7.76	52		N/A
Dissolved Oxygen	mg/L	Y4	Refuge	Interior	2.54	1.49	1.33	2.17	3.54	0.52	6.63	51		N/A
Dissolved Oxygen	mg/L	Z1	Refuge	Interior	1.05	0.87	0.38	0.83	1.39	0.10	3.41	50		N/A
Dissolved Oxygen	mg/L	Z2	Refuge	Interior	1.81	1.17	0.89	1.66	2.43	0.19	5.95	49		N/A
Dissolved Oxygen	mg/L	Z3	Refuge	Interior	3.54	1.66	2.29	3.33	4.49	0.76	7.33	53		N/A
Dissolved Oxygen	mg/L	Z4	Refuge	Interior	3.90	2.16	2.04	3.67	5.50	0.37	8.81	52		N/A
Dissolved Oxygen	mg/L	G94B	Refuge	Outflow	3.64	1.64	2.60	3.39	4.65	0.69	7.09	60		N/A
Dissolved Oxygen	mg/L	S10A	Refuge	Outflow	5.70	2.38	4.10	5.70	7.54	1.04	10.26	31		N/A
Dissolved Oxygen	mg/L	S10A	WCA-2	Inflow	5.70	2.38	4.10	5.70	7.54	1.04	10.26	31		N/A
Dissolved Oxygen	mg/L	S10C	Refuge	Outflow	5.59	1.82	4.00	5.16	7.31	3.07	9.88	28		N/A
Dissolved Oxygen	mg/L	S10C	WCA-2	Inflow	5.59	1.82	4.00	5.16	7.31	3.07	9.88	28		N/A
Dissolved Oxygen	mg/L	S10D	Refuge	Outflow	4.76	2.10	3.02	4.78	6.11	0.62	10.40	67		N/A
Dissolved Oxygen	mg/L	S10D	WCA-2	Inflow	4.76	2.10	3.02	4.78	6.11	0.62	10.40	67		N/A
Dissolved Oxygen	mg/L	S10E	Refuge	Outflow	4.58	2.04	3.16	4.42	6.17	0.21	8.63	45		N/A
Dissolved Oxygen	mg/L	S10E	WCA-2	Inflow	4.58	2.04	3.16	4.42	6.17	0.21	8.63	45		N/A
Dissolved Oxygen	mg/L	S39	Refuge	Outflow	5.69	2.01	4.33	5.67	7.32	1.24	9.70	79		N/A
Dissolved Oxygen	mg/L	S38B	WCA-2	Inflow	3.31	1.82	1.78	3.00	5.02	1.10	7.09	13		N/A
Dissolved Oxygen	mg/L	S7	WCA-2	Inflow	4.78	2.13	2.90	4.65	6.50	0.75	9.51	199		N/A
Dissolved Oxygen	mg/L	E0	WCA-2	Inflow	3.67	1.58	2.52	3.66	4.78	0.22	7.81	54		N/A
Dissolved Oxygen	mg/L	F0	WCA-2	Inflow	2.98	1.76	1.56	2.61	3.79	0.25	7.80	55		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	G335	WCA-2	Inflow	4.69	1.46	3.45	4.68	5.83	1.57	9.39	260		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	404C2	WCA-2	Interior	3.94	2.14	1.98	3.48	5.07	1.17	10.06	40		N/A
Dissolved Oxygen	mg/L	404Z1	WCA-2	Interior	2.23	1.34	1.04	1.95	3.17	0.43	5.04	33		N/A
Dissolved Oxygen	mg/L	F1	WCA-2	Interior	2.00	1.72	0.77	1.49	3.04	0.08	9.03	115		N/A
Dissolved Oxygen	mg/L	F2	WCA-2	Interior	1.89	1.57	0.89	1.41	2.32	0.10	9.15	133		N/A
Dissolved Oxygen	mg/L	F4	WCA-2	Interior	2.57	1.85	1.10	2.13	3.76	0.18	11.40	134		N/A
Dissolved Oxygen	mg/L	N1	WCA-2	Interior	2.37	1.46	1.25	1.98	2.96	0.42	6.09	48		N/A
Dissolved Oxygen	mg/L	CA215	WCA-2	Interior	4.58	1.98	3.24	4.45	5.77	1.04	11.50	106		N/A
Dissolved Oxygen	mg/L	CA27	WCA-2	Interior	3.42	2.07	1.70	3.20	4.77	0.55	10.10	100		N/A
Dissolved Oxygen	mg/L	CA28	WCA-2	Interior	2.26	1.77	1.00	1.89	2.87	0.20	9.53	84		N/A
Dissolved Oxygen	mg/L	CA29	WCA-2	Interior	4.16	1.88	2.85	3.84	5.19	0.99	11.90	108		N/A
Dissolved Oxygen	mg/L	E1	WCA-2	Interior	1.38	0.98	0.70	1.11	1.69	0.22	4.72	41		N/A
Dissolved Oxygen	mg/L	E2	WCA-2	Interior	1.43	1.41	0.55	0.92	1.90	0.17	6.95	35		N/A
Dissolved Oxygen	mg/L	E3	WCA-2	Interior	1.65	1.26	0.72	1.41	2.31	0.19	4.96	39		N/A
Dissolved Oxygen	mg/L	E4	WCA-2	Interior	1.72	1.12	0.80	1.54	2.59	0.26	4.46	39		N/A
Dissolved Oxygen	mg/L	E5	WCA-2	Interior	4.50	2.23	3.04	4.04	5.53	1.21	15.15	42		N/A
Dissolved Oxygen	mg/L	F3	WCA-2	Interior	2.60	2.11	1.04	2.07	3.64	0.18	12.18	50		N/A
Dissolved Oxygen	mg/L	F5	WCA-2	Interior	3.73	2.24	1.98	3.24	4.50	1.23	13.54	44		N/A
Dissolved Oxygen	mg/L	U1	WCA-2	Interior	2.95	2.32	1.46	2.81	3.50	0.65	14.19	43		N/A
Dissolved Oxygen	mg/L	U2	WCA-2	Interior	5.02	2.54	3.27	4.53	5.81	2.23	16.11	40		N/A
Dissolved Oxygen	mg/L	U3	WCA-2	Interior	3.96	2.05	2.38	3.76	4.98	1.06	12.18	42		N/A
Dissolved Oxygen	mg/L	S145	WCA-2	Interior	4.79	1.57	3.92	4.70	5.63	1.38	8.00	78		N/A
Dissolved Oxygen	mg/L	S144	WCA-2	Interior	7.31	--	--	7.31	--	7.31	7.31	1		N/A
Dissolved Oxygen	mg/L	S146	WCA-2	Interior	5.03	--	--	5.03	--	5.03	5.03	1		N/A
Dissolved Oxygen	mg/L	S11B	WCA-2	Outflow	4.20	1.74	2.68	3.97	5.63	1.39	8.02	48		N/A
Dissolved Oxygen	mg/L	S11B	WCA-3	Inflow	4.20	1.74	2.68	3.97	5.63	1.39	8.02	48		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	S11C	WCA-2	Outflow	3.89	1.94	2.18	3.56	5.30	0.61	9.30	75		N/A
Dissolved Oxygen	mg/L	S11C	WCA-3	Inflow	3.89	1.94	2.18	3.56	5.30	0.61	9.30	75		N/A
Dissolved Oxygen	mg/L	S11A	WCA-2	Outflow	5.64	1.78	4.29	5.70	6.83	2.22	9.68	84		N/A
Dissolved Oxygen	mg/L	S11A	WCA-3	Inflow	5.64	1.78	4.29	5.70	6.83	2.22	9.68	84		N/A
Dissolved Oxygen	mg/L	S34	WCA-2	Outflow	4.50	1.60	3.24	4.37	5.71	0.80	7.71	86		N/A
Dissolved Oxygen	mg/L	S38	WCA-2	Outflow	3.71	1.87	2.31	3.15	5.13	1.11	10.31	78		N/A
Dissolved Oxygen	mg/L	S8	WCA-3	Inflow	5.13	2.27	3.38	5.02	6.64	0.18	13.53	240		N/A
Dissolved Oxygen	mg/L	G205	WCA-3	Inflow	4.47	1.79	2.80	4.56	5.97	1.48	6.32	9		N/A
Dissolved Oxygen	mg/L	G206	WCA-3	Inflow	3.57	2.39	1.94	2.68	5.51	0.88	8.25	9		N/A
Dissolved Oxygen	mg/L	G123	WCA-3	Inflow	4.37	1.72	3.24	4.07	5.32	0.94	10.69	194		N/A
Dissolved Oxygen	mg/L	S140	WCA-3	Inflow	4.69	2.49	2.37	4.82	6.71	0.77	11.60	201		N/A
Dissolved Oxygen	mg/L	S190	WCA-3	Inflow	5.74	2.27	3.75	6.21	7.55	1.56	10.90	96		N/A
Dissolved Oxygen	mg/L	S9	WCA-3	Inflow	2.82	1.46	1.65	2.70	3.82	0.28	7.21	253		N/A
Dissolved Oxygen	mg/L	S150	WCA-3	Inflow	4.98	2.03	3.23	4.90	6.67	1.23	9.66	193		N/A
Dissolved Oxygen	mg/L	C123SR84	WCA-3	Inflow	4.41	2.18	2.53	4.15	6.24	0.76	9.12	77		N/A
Dissolved Oxygen	mg/L	G204	WCA-3	Inflow	4.39	3.10	1.94	3.49	7.61	0.88	9.08	6		N/A
Dissolved Oxygen	mg/L	S142	WCA-3	Inflow	4.01	1.58	2.92	3.71	4.94	0.70	7.92	98		N/A
Dissolved Oxygen	mg/L	S151	WCA-3	Inflow	3.57	1.75	2.15	3.26	4.82	0.90	11.61	77		N/A
Dissolved Oxygen	mg/L	3AE0	WCA-3	Inflow	6.75	2.17	5.23	7.36	8.36	1.97	10.73	48		N/A
Dissolved Oxygen	mg/L	3AW0	WCA-3	Inflow	6.67	2.06	5.47	6.95	8.18	1.82	10.06	49		N/A
Dissolved Oxygen	mg/L	CA311	WCA-3	Interior	3.75	1.53	2.60	3.49	4.74	0.81	8.28	108		N/A
Dissolved Oxygen	mg/L	CA315	WCA-3	Interior	3.40	1.99	1.94	3.17	4.54	0.58	10.10	112		N/A
Dissolved Oxygen	mg/L	CA316	WCA-3	Interior	2.30	1.45	1.25	1.95	3.01	0.25	7.11	112		N/A
Dissolved Oxygen	mg/L	CA317	WCA-3	Interior	4.24	1.81	2.75	4.33	5.42	0.75	8.72	121		N/A
Dissolved Oxygen	mg/L	CA318	WCA-3	Interior	2.80	1.98	1.15	2.48	3.98	0.21	7.42	114		N/A
Dissolved Oxygen	mg/L	CA32	WCA-3	Interior	3.30	1.65	2.10	2.88	4.39	0.42	7.98	79		N/A
Dissolved Oxygen	mg/L	CA33	WCA-3	Interior	2.81	1.62	1.67	2.51	3.91	0.45	8.30	87		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	CA34	WCA-3	Interior	3.21	1.84	2.17	2.79	3.96	0.54	11.20	80		N/A
Dissolved Oxygen	mg/L	CA35	WCA-3	Interior	3.88	1.73	2.24	3.71	5.29	1.08	7.50	61		N/A
Dissolved Oxygen	mg/L	CA36	WCA-3	Interior	1.60	1.00	0.90	1.42	1.90	0.24	4.23	53		N/A
Dissolved Oxygen	mg/L	CA38	WCA-3	Interior	3.13	1.39	2.27	2.79	3.52	1.10	7.85	90		N/A
Dissolved Oxygen	mg/L	3AE05	WCA-3	Interior	2.08	1.97	0.82	1.36	2.61	0.33	9.48	27		N/A
Dissolved Oxygen	mg/L	3AE10	WCA-3	Interior	1.40	1.12	0.65	0.94	1.74	0.19	4.88	35		N/A
Dissolved Oxygen	mg/L	3AE15	WCA-3	Interior	1.67	0.90	1.14	1.46	2.24	0.36	4.67	39		N/A
Dissolved Oxygen	mg/L	3AE20	WCA-3	Interior	2.95	1.20	1.98	2.79	3.57	1.07	6.27	44		N/A
Dissolved Oxygen	mg/L	3AE40	WCA-3	Interior	4.57	1.55	3.82	4.43	5.28	1.08	8.29	42		N/A
Dissolved Oxygen	mg/L	3ANMESO	WCA-3	Interior	2.44	1.28	1.53	2.18	3.19	0.28	5.41	49		N/A
Dissolved Oxygen	mg/L	3ASMESO	WCA-3	Interior	2.98	1.65	1.64	2.59	4.36	0.33	6.60	100		N/A
Dissolved Oxygen	mg/L	3AW05	WCA-3	Interior	1.32	0.80	0.77	1.17	1.75	0.27	3.30	30		N/A
Dissolved Oxygen	mg/L	3AW10	WCA-3	Interior	1.59	1.20	0.80	1.31	2.14	0.19	5.47	38		N/A
Dissolved Oxygen	mg/L	3AW15	WCA-3	Interior	1.63	1.10	0.92	1.57	2.04	0.11	5.58	38		N/A
Dissolved Oxygen	mg/L	3AW20	WCA-3	Interior	1.54	0.91	0.93	1.50	1.81	0.03	4.21	39		N/A
Dissolved Oxygen	mg/L	3AW40	WCA-3	Interior	5.01	1.98	3.71	4.59	6.58	0.77	8.78	46		N/A
Dissolved Oxygen	mg/L	S334	WCA-3	Outflow	4.46	1.95	3.22	4.38	5.75	0.19	8.60	84		N/A
Dissolved Oxygen	mg/L	S333	Park	Inflow	3.40	1.36	2.41	3.30	4.39	0.33	7.55	137		N/A
Dissolved Oxygen	mg/L	S333	WCA-3	Outflow	3.40	1.36	2.41	3.30	4.39	0.33	7.55	137		N/A
Dissolved Oxygen	mg/L	S355A	Park	Inflow	5.90	1.67	4.96	5.69	6.53	2.86	12.37	53		N/A
Dissolved Oxygen	mg/L	S355A	WCA-3	Outflow	5.90	1.67	4.96	5.69	6.53	2.86	12.37	53		N/A
Dissolved Oxygen	mg/L	S355B	Park	Inflow	5.17	1.79	3.97	4.74	5.69	1.54	10.40	53		N/A
Dissolved Oxygen	mg/L	S355B	WCA-3	Outflow	5.17	1.79	3.97	4.74	5.69	1.54	10.40	53		N/A
Dissolved Oxygen	mg/L	S12A	Park	Inflow	3.67	1.38	2.74	3.50	4.50	0.10	7.68	117		N/A
Dissolved Oxygen	mg/L	S12A	WCA-3	Outflow	3.67	1.38	2.74	3.50	4.50	0.10	7.68	117		N/A
Dissolved Oxygen	mg/L	S12B	Park	Inflow	3.83	1.50	2.70	3.71	4.90	0.17	8.45	116		N/A
Dissolved Oxygen	mg/L	S12B	WCA-3	Outflow	3.83	1.50	2.70	3.71	4.90	0.17	8.45	116		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	S12C	Park	Inflow	3.37	1.55	2.04	3.35	4.70	0.29	7.66	128		N/A
Dissolved Oxygen	mg/L	S12C	WCA-3	Outflow	3.37	1.55	2.04	3.35	4.70	0.29	7.66	128		N/A
Dissolved Oxygen	mg/L	S12D	Park	Inflow	3.14	1.47	2.03	2.77	4.25	0.33	8.22	132		N/A
Dissolved Oxygen	mg/L	S12D	WCA-3	Outflow	3.14	1.47	2.03	2.77	4.25	0.33	8.22	132		N/A
Dissolved Oxygen	mg/L	S344	WCA-3	Outflow	3.38	1.46	2.15	3.17	4.88	1.27	5.59	16		N/A
Dissolved Oxygen	mg/L	S197	WCA-3	Outflow	3.96	1.84	2.40	3.47	5.96	2.03	6.51	6		N/A
Dissolved Oxygen	mg/L	S31	WCA-3	Outflow	3.34	2.06	1.96	2.75	4.43	0.51	8.96	40		N/A
Dissolved Oxygen	mg/L	US41-25	WCA-3	Outflow	2.69	0.82	2.31	2.69	3.20	0.11	5.52	131		N/A
Dissolved Oxygen	mg/L	S175	Park	Inflow	3.97	1.77	2.51	4.27	5.35	0.18	7.00	119		N/A
Dissolved Oxygen	mg/L	S18C	Park	Inflow	5.03	2.44	2.67	4.59	7.34	0.20	9.20	214		N/A
Dissolved Oxygen	mg/L	S332	Park	Inflow	3.67	1.52	2.45	3.74	4.87	0.70	6.47	118		N/A
Dissolved Oxygen	mg/L	S332D	Park	Inflow	2.50	1.86	0.87	1.94	4.06	0.17	7.92	231		N/A
Dissolved Oxygen	mg/L	T0E	Park	Inflow	5.59	0.66	4.93	5.67	6.20	4.71	6.23	5		N/A
Dissolved Oxygen	mg/L	T0W	Park	Inflow	5.57	0.85	5.00	5.44	6.20	4.57	6.92	5		N/A
Dissolved Oxygen	mg/L	EP	Park	Interior	8.85	1.06	8.23	8.94	9.55	6.06	10.83	33		N/A
Dissolved Oxygen	mg/L	NE1	Park	Interior	3.18	1.61	1.79	3.00	4.00	0.49	6.61	54		N/A
Dissolved Oxygen	mg/L	NP201	Park	Interior	5.12	1.69	3.64	5.17	6.40	1.49	8.50	54		N/A
Dissolved Oxygen	mg/L	P33	Park	Interior	4.44	1.67	3.30	4.34	5.65	0.77	9.10	53		N/A
Dissolved Oxygen	mg/L	P34	Park	Interior	6.74	1.04	5.92	6.46	7.26	5.30	9.10	39		N/A
Dissolved Oxygen	mg/L	P35	Park	Interior	4.29	1.18	3.50	4.16	4.87	2.40	7.22	37		N/A
Dissolved Oxygen	mg/L	P36	Park	Interior	4.36	1.40	3.46	4.02	5.35	1.77	7.86	54		N/A
Dissolved Oxygen	mg/L	P37	Park	Interior	8.19	1.33	7.16	8.16	9.09	5.18	10.54	34		N/A
Dissolved Oxygen	mg/L	TSB	Park	Interior	3.16	1.04	2.42	3.17	3.81	1.36	5.79	45		N/A
Dissolved Oxygen	mg/L	T05E	Park	Interior	3.90	1.39	2.51	4.00	5.20	2.17	5.44	4		N/A
Dissolved Oxygen	mg/L	T10W	Park	Interior	5.09	1.84	3.19	5.55	6.52	2.48	6.76	4		N/A
Dissolved Oxygen	mg/L	T24	Park	Interior	5.47	1.40	4.62	4.70	7.09	4.62	7.09	3		N/A
Dissolved Oxygen	mg/L	T33	Park	Interior	5.92	2.19	4.21	5.11	8.04	4.12	9.41	5		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	T34	Park	Interior	6.06	1.02	5.34	5.73	7.12	5.25	7.54	4		N/A
Dissolved Oxygen	mg/L	TNMESO	Park	Interior	5.62	1.03	4.77	5.39	6.68	4.74	6.94	4		N/A
Dissolved Oxygen	mg/L	T05W	Park	Interior	3.94	1.94	1.85	4.29	5.69	1.85	5.69	3		N/A
Dissolved Oxygen	mg/L	T10E	Park	Interior	6.93	2.37	--	6.93	--	5.26	8.61	2		N/A
Dissolved Oxygen	mg/L	T15E	Park	Interior	4.24	1.25	2.95	4.32	5.45	2.95	5.45	3		N/A
Dissolved Oxygen	mg/L	T15W	Park	Interior	6.94	1.50	5.81	6.36	8.64	5.81	8.64	3		N/A
Dissolved Oxygen	mg/L	T23	Park	Interior	5.93	1.86	4.67	5.05	8.07	4.67	8.07	3		N/A
Dissolved Oxygen	mg/L	TSMESO	Park	Interior	5.69	3.00	2.36	6.50	8.20	2.36	8.20	3		N/A
pH	units	ACME1DS	Refuge	Inflow	7.57	0.30	7.35	7.58	7.77	6.97	8.38	69	0	NC
pH	units	G94D	Refuge	Inflow	7.47	0.30	7.20	7.45	7.72	6.98	8.02	73	0	NC
pH	units	ENR012	Refuge	Inflow	7.41	0.17	7.30	7.38	7.49	6.84	8.05	260	0	NC
pH	units	G310	Refuge	Inflow	7.59	0.24	7.43	7.56	7.73	6.97	8.54	260	0.4±0.6	MC
pH	units	G300	Refuge	Inflow	7.32	0.30	7.14	7.30	7.45	6.83	8.10	13	0	--
pH	units	G301	Refuge	Inflow	7.39	0.15	7.25	7.38	7.54	7.21	7.61	6	0	--
pH	units	S5AD	Refuge	Rim	7.31	0.46	7.15	7.31	7.72	6.35	8.02	12	0	--
pH	units	S6D	Refuge	Rim	7.52	0.33	7.27	7.54	7.76	7.01	8.05	8	0	--
pH	units	LOXA104	Refuge	Rim	7.63	0.23	7.49	7.63	7.80	7.16	8.03	22	0	--
pH	units	LOXA135	Refuge	Rim	7.53	0.31	7.23	7.53	7.80	7.09	8.11	22	0	--
pH	units	X0	Refuge	Rim	7.53	0.21	7.40	7.58	7.70	6.94	7.98	57	0	NC
pH	units	Z0	Refuge	Rim	7.57	0.21	7.43	7.58	7.75	7.16	8.04	58	0	NC
pH	units	LOX3	Refuge	Interior	6.73	0.63	6.27	6.71	7.31	5.13	7.73	29	13.8±10.5	PC
pH	units	LOX4	Refuge	Interior	6.78	0.26	6.63	6.79	6.91	6.03	7.80	45	0	NC
pH	units	LOX5	Refuge	Interior	6.45	0.45	6.21	6.34	6.84	5.02	7.22	33	9.1±8.2	MC
pH	units	LOX6	Refuge	Interior	7.02	0.36	6.80	7.04	7.29	6.28	7.72	54	0	NC
pH	units	LOX7	Refuge	Interior	6.41	0.38	6.13	6.39	6.61	5.30	7.48	52	7.7±6.1	MC
pH	units	LOX8	Refuge	Interior	6.37	0.43	6.11	6.31	6.66	5.17	7.67	54	13.0±7.5	PC
pH	units	LOX9	Refuge	Interior	6.59	0.43	6.35	6.45	6.91	5.16	7.64	42	2.4±3.9	MC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
pH	units	LOX10	Refuge	Interior	6.74	0.32	6.59	6.76	6.93	5.50	7.52	42	2.4±3.9	MC
pH	units	LOX11	Refuge	Interior	6.38	0.44	6.02	6.30	6.60	5.69	7.60	54	22.2±9.3	C
pH	units	LOX12	Refuge	Interior	7.07	0.34	6.86	7.07	7.23	6.38	8.02	58	0	NC
pH	units	LOX13	Refuge	Interior	6.34	0.35	6.13	6.32	6.60	5.58	7.20	49	16.3±8.7	PC
pH	units	LOX14	Refuge	Interior	6.60	0.27	6.43	6.63	6.78	5.90	7.19	55	1.8±3.0	MC
pH	units	LOX15	Refuge	Interior	7.16	0.26	7.01	7.15	7.34	6.54	7.86	56	0	NC
pH	units	LOX16	Refuge	Interior	6.59	0.31	6.42	6.54	6.71	5.97	7.39	54	1.9±3.0	MC
pH	units	LOXA101	Refuge	Interior	7.05	0.19	6.96	7.06	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	6.56	6.66	6.88	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	6.76	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	7.13	0.18	7.03	7.13	7.28	6.69	7.52	49	0	NC
pH	units	X2	Refuge	Interior	6.95	0.27	6.84	7.00	7.12	6.35	7.49	51	0	NC
pH	units	X3	Refuge	Interior	6.92	0.29	6.75	6.93	7.12	6.28	7.52	54	0	NC
pH	units	X4	Refuge	Interior	6.98	0.39	6.65	7.03	7.25	6.04	7.73	55	0	NC
pH	units	Y4	Refuge	Interior	6.85	0.30	6.63	6.88	7.06	6.33	7.72	54	0	NC
pH	units	Z1	Refuge	Interior	7.19	0.16	7.09	7.20	7.31	6.85	7.58	53	0	NC
pH	units	Z2	Refuge	Interior	7.10	0.20	6.97	7.10	7.24	6.72	7.81	50	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
pH	units	Z3	Refuge	Interior	7.10	0.29	6.93	7.12	7.31	6.35	7.66	56	0	NC
pH	units	Z4	Refuge	Interior	6.93	0.29	6.69	7.02	7.12	6.02	7.46	55	0	NC
pH	units	G94B	Refuge	Outflow	7.32	0.27	7.17	7.31	7.55	6.67	7.98	62	0	NC
pH	units	S10A	Refuge	Outflow	7.73	0.39	7.51	7.76	7.99	6.67	8.62	31	3.2±5.2	MC
pH	units	S10A	WCA-2	Inflow	7.73	0.39	7.51	7.76	7.99	6.67	8.62	31	3.2±5.2	MC
pH	units	S10C	Refuge	Outflow	7.74	0.37	7.47	7.76	7.99	6.77	8.56	28	3.6±5.8	MC
pH	units	S10C	WCA-2	Inflow	7.74	0.37	7.47	7.76	7.99	6.77	8.56	28	3.6±5.8	MC
pH	units	S10D	Refuge	Outflow	7.62	0.28	7.44	7.63	7.79	6.58	8.29	68	0	NC
pH	units	S10D	WCA-2	Inflow	7.62	0.28	7.44	7.63	7.79	6.58	8.29	68	0	NC
pH	units	S10E	Refuge	Outflow	7.60	0.23	7.46	7.61	7.74	7.01	8.11	45	0	NC
pH	units	S10E	WCA-2	Inflow	7.60	0.23	7.46	7.61	7.74	7.01	8.11	45	0	NC
pH	units	S39	Refuge	Outflow	7.69	0.34	7.49	7.77	7.91	6.75	8.38	80	0	NC
pH	units	S38B	WCA-2	Inflow	7.43	0.19	7.28	7.42	7.62	7.14	7.75	14	0	--
pH	units	S7	WCA-2	Inflow	7.52	0.27	7.33	7.53	7.68	6.72	8.36	205	0	NC
pH	units	E0	WCA-2	Inflow	7.64	0.21	7.53	7.62	7.75	7.19	8.21	58	0	NC
pH	units	F0	WCA-2	Inflow	7.61	0.20	7.47	7.59	7.71	7.05	8.15	59	0	NC
pH	units	G335	WCA-2	Inflow	7.62	0.22	7.47	7.59	7.71	6.97	8.32	261	0	NC
pH	units	G339	WCA-2	Inflow	7.29	--	--	7.29	--	7.29	7.29	1	0	--
pH	units	404C2	WCA-2	Interior	7.43	0.21	7.38	7.45	7.54	6.68	7.82	40	0	NC
pH	units	404Z1	WCA-2	Interior	7.42	0.17	7.34	7.44	7.51	6.89	7.77	33	0	NC
pH	units	F1	WCA-2	Interior	7.38	0.24	7.27	7.41	7.51	6.56	8.70	112	0.9±1.5	MC
pH	units	F2	WCA-2	Interior	7.34	0.21	7.25	7.36	7.46	6.63	8.18	131	0	NC
pH	units	F4	WCA-2	Interior	7.31	0.21	7.18	7.31	7.43	6.63	7.96	131	0	NC
pH	units	N1	WCA-2	Interior	7.48	0.26	7.37	7.46	7.57	7.03	8.81	48	2.1±3.4	MC
pH	units	CA215	WCA-2	Interior	7.62	0.21	7.49	7.60	7.74	6.87	8.27	103	0	NC
pH	units	CA27	WCA-2	Interior	7.35	0.32	7.28	7.38	7.49	4.82	8.13	97	1.0±1.7	MC
pH	units	CA28	WCA-2	Interior	7.46	0.13	7.37	7.47	7.54	7.03	7.72	81	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
pH	units	CA29	WCA-2	Interior	7.58	0.19	7.46	7.59	7.67	7.02	8.35	105	0	NC
pH	units	E1	WCA-2	Interior	7.29	0.16	7.15	7.30	7.40	6.93	7.62	43	0	NC
pH	units	E2	WCA-2	Interior	7.27	0.17	7.15	7.25	7.38	6.94	7.63	34	0	NC
pH	units	E3	WCA-2	Interior	7.28	0.16	7.16	7.31	7.38	6.87	7.61	39	0	NC
pH	units	E4	WCA-2	Interior	7.24	0.16	7.15	7.23	7.35	6.90	7.69	38	0	NC
pH	units	E5	WCA-2	Interior	7.49	0.23	7.41	7.53	7.61	6.54	7.90	41	0	NC
pH	units	F3	WCA-2	Interior	7.36	0.18	7.22	7.37	7.49	6.89	7.79	51	0	NC
pH	units	F5	WCA-2	Interior	7.51	0.19	7.34	7.54	7.62	7.20	8.00	44	0	NC
pH	units	U1	WCA-2	Interior	7.41	0.21	7.22	7.44	7.53	7.03	8.01	43	0	NC
pH	units	U2	WCA-2	Interior	7.61	0.26	7.43	7.57	7.72	7.18	8.38	40	0	NC
pH	units	U3	WCA-2	Interior	7.56	0.20	7.41	7.54	7.69	7.21	8.10	42	0	NC
pH	units	S145	WCA-2	Interior	7.49	0.49	7.37	7.55	7.72	3.65	8.08	83	1.2±2.0	MC
pH	units	S144	WCA-2	Interior	8.06	--	--	8.06	--	8.06	8.06	1	0	--
pH	units	S146	WCA-2	Interior	7.83	--	--	7.83	--	7.83	7.83	1	0	--
pH	units	S11B	WCA-2	Outflow	7.48	0.31	7.32	7.53	7.65	6.50	8.01	49	0	NC
pH	units	S11B	WCA-3	Inflow	7.48	0.31	7.32	7.53	7.65	6.50	8.01	49	0	NC
pH	units	S11C	WCA-2	Outflow	7.48	0.26	7.33	7.49	7.60	6.75	8.24	78	0	NC
pH	units	S11C	WCA-3	Inflow	7.48	0.26	7.33	7.49	7.60	6.75	8.24	78	0	NC
pH	units	S11A	WCA-2	Outflow	7.65	0.28	7.44	7.63	7.85	7.06	8.62	87	1.1±1.9	MC
pH	units	S11A	WCA-3	Inflow	7.65	0.28	7.44	7.63	7.85	7.06	8.62	87	1.1±1.9	MC
pH	units	S34	WCA-2	Outflow	7.51	0.26	7.35	7.49	7.68	6.23	8.06	88	0	NC
pH	units	S38	WCA-2	Outflow	7.46	0.23	7.33	7.47	7.59	6.87	8.03	81	0	NC
pH	units	S8	WCA-3	Inflow	7.57	0.37	7.32	7.53	7.78	6.58	8.85	246	2.4±1.6	MC
pH	units	G205	WCA-3	Inflow	7.60	0.22	7.44	7.58	7.84	7.25	7.86	9	0	--
pH	units	G206	WCA-3	Inflow	7.41	0.26	7.18	7.49	7.60	7.02	7.80	9	0	--
pH	units	G123	WCA-3	Inflow	7.48	0.22	7.36	7.47	7.61	6.69	8.70	200	0.5±0.8	MC
pH	units	S140	WCA-3	Inflow	7.45	0.34	7.20	7.43	7.68	6.41	8.28	209	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
pH	units	S190	WCA-3	Inflow	7.57	0.40	7.21	7.60	7.98	6.83	8.23	96	0	NC
pH	units	S9	WCA-3	Inflow	7.27	0.20	7.17	7.28	7.40	6.32	7.88	262	0	NC
pH	units	S150	WCA-3	Inflow	7.57	0.24	7.43	7.57	7.72	6.72	8.15	199	0	NC
pH	units	C123SR84	WCA-3	Inflow	7.35	0.28	7.19	7.35	7.54	6.72	7.91	79	0	NC
pH	units	G204	WCA-3	Inflow	7.56	0.34	7.27	7.46	7.95	7.20	8.01	6	0	--
pH	units	S142	WCA-3	Inflow	7.50	0.21	7.37	7.51	7.63	6.88	8.10	100	0	NC
pH	units	S151	WCA-3	Inflow	7.39	0.22	7.24	7.43	7.51	6.52	7.83	79	0	NC
pH	units	3AE0	WCA-3	Inflow	7.87	0.39	7.52	8.00	8.16	7.01	8.50	48	0	NC
pH	units	3AW0	WCA-3	Inflow	7.88	0.39	7.62	8.02	8.18	6.98	8.45	48	0	NC
pH	units	CA311	WCA-3	Interior	7.31	0.19	7.17	7.31	7.45	6.77	7.72	108	0	NC
pH	units	CA315	WCA-3	Interior	7.26	0.22	7.10	7.25	7.37	6.83	8.17	112	0	NC
pH	units	CA316	WCA-3	Interior	7.29	0.18	7.21	7.29	7.38	6.63	7.78	112	0	NC
pH	units	CA317	WCA-3	Interior	7.54	0.33	7.46	7.57	7.66	4.48	7.99	121	0.8±1.4	MC
pH	units	CA318	WCA-3	Interior	7.36	0.19	7.23	7.34	7.50	6.78	7.84	114	0	NC
pH	units	CA32	WCA-3	Interior	7.30	0.20	7.14	7.32	7.43	6.92	7.77	76	0	NC
pH	units	CA33	WCA-3	Interior	7.31	0.19	7.18	7.30	7.42	6.75	8.01	84	0	NC
pH	units	CA34	WCA-3	Interior	7.25	0.18	7.15	7.26	7.38	6.58	7.77	80	0	NC
pH	units	CA35	WCA-3	Interior	7.35	0.19	7.22	7.39	7.47	6.90	7.68	61	0	NC
pH	units	CA36	WCA-3	Interior	7.26	0.14	7.20	7.26	7.35	6.71	7.52	54	0	NC
pH	units	CA38	WCA-3	Interior	7.27	0.17	7.16	7.27	7.37	6.74	7.70	90	0	NC
pH	units	3AE05	WCA-3	Interior	7.18	0.27	7.06	7.17	7.25	6.80	8.26	26	0	--
pH	units	3AE10	WCA-3	Interior	7.09	0.44	7.08	7.14	7.22	4.72	7.49	34	2.9±4.8	MC
pH	units	3AE15	WCA-3	Interior	7.24	0.13	7.15	7.25	7.30	6.97	7.52	38	0	NC
pH	units	3AE20	WCA-3	Interior	7.31	0.16	7.22	7.33	7.40	6.92	7.67	43	0	NC
pH	units	3AE40	WCA-3	Interior	7.46	0.19	7.33	7.48	7.61	6.76	7.80	42	0	NC
pH	units	3ANMESO	WCA-3	Interior	7.22	0.19	7.13	7.24	7.38	6.75	7.75	50	0	NC
pH	units	3ASMESO	WCA-3	Interior	7.30	0.24	7.16	7.32	7.42	6.84	7.92	98	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
pH	units	3AW05	WCA-3	Interior	7.17	0.12	7.09	7.17	7.26	6.94	7.46	29	0	NC
pH	units	3AW10	WCA-3	Interior	7.14	0.15	7.06	7.13	7.25	6.72	7.60	37	0	NC
pH	units	3AW15	WCA-3	Interior	7.18	0.13	7.09	7.17	7.27	6.92	7.54	37	0	NC
pH	units	3AW20	WCA-3	Interior	7.20	0.14	7.12	7.22	7.32	6.75	7.46	38	0	NC
pH	units	3AW40	WCA-3	Interior	7.50	0.27	7.27	7.56	7.71	6.87	7.93	45	0	NC
pH	units	S334	WCA-3	Outflow	7.48	0.25	7.33	7.47	7.61	6.95	8.27	87	0	NC
pH	units	S333	Park	Inflow	7.34	0.17	7.26	7.33	7.41	6.82	8.06	138	0	NC
pH	units	S333	WCA-3	Outflow	7.34	0.17	7.26	7.33	7.41	6.82	8.06	138	0	NC
pH	units	S355A	Park	Inflow	7.56	0.40	7.34	7.46	7.69	7.01	9.04	52	5.8±5.3	MC
pH	units	S355A	WCA-3	Outflow	7.56	0.40	7.34	7.46	7.69	7.01	9.04	52	5.8±5.3	MC
pH	units	S355B	Park	Inflow	7.45	0.34	7.22	7.38	7.56	6.89	8.37	52	0	NC
pH	units	S355B	WCA-3	Outflow	7.45	0.34	7.22	7.38	7.56	6.89	8.37	52	0	NC
pH	units	S12A	Park	Inflow	7.23	0.17	7.12	7.21	7.33	6.84	7.79	117	0	NC
pH	units	S12A	WCA-3	Outflow	7.23	0.17	7.12	7.21	7.33	6.84	7.79	117	0	NC
pH	units	S12B	Park	Inflow	7.24	0.20	7.13	7.25	7.37	6.16	7.82	118	0	NC
pH	units	S12B	WCA-3	Outflow	7.24	0.20	7.13	7.25	7.37	6.16	7.82	118	0	NC
pH	units	S12C	Park	Inflow	7.23	0.18	7.10	7.24	7.34	6.83	7.95	130	0	NC
pH	units	S12C	WCA-3	Outflow	7.23	0.18	7.10	7.24	7.34	6.83	7.95	130	0	NC
pH	units	S12D	Park	Inflow	7.29	0.17	7.20	7.30	7.36	6.77	8.07	133	0	NC
pH	units	S12D	WCA-3	Outflow	7.29	0.17	7.20	7.30	7.36	6.77	8.07	133	0	NC
pH	units	S344	WCA-3	Outflow	7.24	0.17	7.10	7.21	7.37	7.01	7.64	17	0	--
pH	units	S197	WCA-3	Outflow	7.30	0.29	7.07	7.28	7.51	6.96	7.82	7	0	--
pH	units	S31	WCA-3	Outflow	7.43	0.16	7.31	7.45	7.56	7.03	7.73	41	0	NC
pH	units	US41-25	WCA-3	Outflow	7.16	0.17	7.07	7.15	7.25	6.65	7.77	130	0	NC
pH	units	S175	Park	Inflow	7.43	0.23	7.25	7.41	7.64	6.88	8.00	120	0	NC
pH	units	S18C	Park	Inflow	7.53	0.37	7.21	7.51	7.87	6.57	8.24	216	0	NC
pH	units	S332	Park	Inflow	7.40	0.21	7.23	7.37	7.58	6.97	7.90	119	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
pH	units	S332D	Park	Inflow	7.28	0.25	7.13	7.23	7.45	6.44	8.12	235	0	NC
pH	units	T0E	Park	Inflow	7.45	0.10	7.39	7.42	7.53	7.38	7.63	5	0	--
pH	units	T0W	Park	Inflow	7.46	0.10	7.38	7.45	7.55	7.36	7.61	5	0	--
pH	units	EP	Park	Interior	7.93	0.13	7.85	7.91	7.98	7.52	8.22	35	0	NC
pH	units	NE1	Park	Interior	7.27	0.41	7.22	7.34	7.41	4.45	7.63	56	1.8±2.9	MC
pH	units	NP201	Park	Interior	7.65	0.23	7.53	7.67	7.80	6.74	8.02	56	0	NC
pH	units	P33	Park	Interior	7.42	0.12	7.32	7.42	7.50	7.20	7.64	55	0	NC
pH	units	P34	Park	Interior	7.88	0.15	7.76	7.85	7.97	7.65	8.23	40	0	NC
pH	units	P35	Park	Interior	7.42	0.16	7.31	7.39	7.54	7.13	7.74	38	0	NC
pH	units	P36	Park	Interior	7.48	0.17	7.36	7.46	7.57	7.15	7.99	56	0	NC
pH	units	P37	Park	Interior	7.91	0.31	7.74	7.97	8.13	7.22	8.53	35	2.9±4.6	MC
pH	units	TSB	Park	Interior	7.38	0.16	7.28	7.42	7.48	7.00	7.68	47	0	NC
pH	units	T05E	Park	Interior	7.38	0.04	7.33	7.38	7.42	7.32	7.42	4	0	--
pH	units	T10W	Park	Interior	7.48	0.15	7.35	7.47	7.63	7.32	7.67	4	0	--
pH	units	T24	Park	Interior	7.59	0.06	7.55	7.56	7.66	7.55	7.66	3	0	--
pH	units	T33	Park	Interior	7.46	0.19	7.35	7.38	7.61	7.32	7.80	5	0	--
pH	units	T34	Park	Interior	7.53	0.09	7.45	7.52	7.61	7.43	7.64	4	0	--
pH	units	TNMESO	Park	Interior	7.65	0.01	7.63	7.65	7.66	7.63	7.66	4	0	--
pH	units	T05W	Park	Interior	7.43	0.05	7.38	7.45	7.46	7.36	7.46	4	0	--
pH	units	T10E	Park	Interior	7.61	0.16	--	7.61	--	7.50	7.72	2	0	--
pH	units	T15E	Park	Interior	7.51	0.10	7.43	7.47	7.62	7.43	7.62	3	0	--
pH	units	T15W	Park	Interior	7.64	0.05	7.59	7.65	7.69	7.59	7.69	3	0	--
pH	units	T23	Park	Interior	7.63	0.05	7.58	7.63	7.68	7.58	7.68	3	0	--
pH	units	TSMESO	Park	Interior	8.12	0.05	8.06	8.14	8.15	8.06	8.15	3	0	--
Specific Conductance	µmhos/cm	ACME1DS	Refuge	Inflow	712	186	612	723	822	209	1121	68	0	NC
Specific Conductance	µmhos/cm	G94D	Refuge	Inflow	611	166	510	570	739	225	1116	72	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	ENR012	Refuge	Inflow	1077	180	967	1093	1210	579	1511	259	10.8±3.2	PC
Specific Conductance	µmhos/cm	G310	Refuge	Inflow	1061	201	923	1074	1213	567	1467	259	12.4±3.4	PC
Specific Conductance	µmhos/cm	G300	Refuge	Inflow	919	269	670	1000	1122	441	1259	13	0	--
Specific Conductance	µmhos/cm	G301	Refuge	Inflow	999	177	839	1011	1156	741	1231	6	0	--
Specific Conductance	µmhos/cm	S5AD	Refuge	Rim	978	368	638	1036	1318	429	1490	12	25.0±20.6	--
Specific Conductance	µmhos/cm	S6D	Refuge	Rim	1048	209	951	1096	1205	619	1252	8	0	--
Specific Conductance	µmhos/cm	LOXA104	Refuge	Rim	969	168	843	950	1101	713	1354	22	4.5±7.3	--
Specific Conductance	µmhos/cm	LOXA135	Refuge	Rim	781	186	601	794	920	455	1161	22	0	--
Specific Conductance	µmhos/cm	X0	Refuge	Rim	940	220	776	900	1105	334	1432	58	5.2±4.8	MC
Specific Conductance	µmhos/cm	Z0	Refuge	Rim	1067	997	787	922	1122	337	8360	58	6.9±5.5	MC
Specific Conductance	µmhos/cm	LOX3	Refuge	Interior	107	31	79	101	133	70	185	29	0	NC
Specific Conductance	µmhos/cm	LOX4	Refuge	Interior	394	192	241	316	525	194	970	43	0	NC
Specific Conductance	µmhos/cm	LOX5	Refuge	Interior	108	22	94	105	123	74	160	32	0	NC
Specific Conductance	µmhos/cm	LOX6	Refuge	Interior	271	146	177	250	317	102	792	53	0	NC
Specific Conductance	µmhos/cm	LOX7	Refuge	Interior	119	40	94	108	134	68	267	50	0	NC
Specific Conductance	µmhos/cm	LOX8	Refuge	Interior	112	40	83	105	129	52	260	51	0	NC
Specific Conductance	µmhos/cm	LOX9	Refuge	Interior	133	42	105	122	159	49	218	40	0	NC
Specific Conductance	µmhos/cm	LOX10	Refuge	Interior	301	180	182	225	342	104	778	40	0	NC
Specific Conductance	µmhos/cm	LOX11	Refuge	Interior	103	36	75	97	122	47	225	50	0	NC
Specific Conductance	µmhos/cm	LOX12	Refuge	Interior	326	190	217	255	326	118	898	56	0	NC
Specific Conductance	µmhos/cm	LOX13	Refuge	Interior	103	36	79	103	117	47	244	45	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	LOX14	Refuge	Interior	196	148	97	167	218	72	757	53	0	NC
Specific Conductance	µmhos/cm	LOX15	Refuge	Interior	492	228	311	433	709	171	1009	55	0	NC
Specific Conductance	µmhos/cm	LOX16	Refuge	Interior	167	84	111	163	195	71	654	52	0	NC
Specific Conductance	µmhos/cm	LOXA101	Refuge	Interior	615	139	525	624	724	318	802	15	0	--
Specific Conductance	µmhos/cm	LOXA103	Refuge	Interior	385	202	276	309	417	166	873	15	0	--
Specific Conductance	µmhos/cm	LOXA105	Refuge	Interior	605	210	475	485	763	333	942	15	0	--
Specific Conductance	µmhos/cm	LOXA106	Refuge	Interior	410	184	252	372	525	197	819	13	0	--
Specific Conductance	µmhos/cm	LOXA107	Refuge	Interior	316	211	202	218	385	153	762	10	0	--
Specific Conductance	µmhos/cm	LOXA108	Refuge	Interior	188	50	146	183	241	121	274	11	0	--
Specific Conductance	µmhos/cm	LOXA124	Refuge	Interior	168	49	115	165	191	99	268	19	0	--
Specific Conductance	µmhos/cm	LOXA130	Refuge	Interior	514	203	348	500	670	171	852	19	0	--
Specific Conductance	µmhos/cm	LOXA136	Refuge	Interior	501	209	367	410	669	183	934	12	0	--
Specific Conductance	µmhos/cm	LOXA137	Refuge	Interior	354	160	260	312	457	120	682	19	0	--
Specific Conductance	µmhos/cm	LOXA138	Refuge	Interior	249	144	153	207	284	96	597	16	0	--
Specific Conductance	µmhos/cm	LOXA139	Refuge	Interior	127	34	97	135	149	86	184	13	0	--
Specific Conductance	µmhos/cm	LOXA140	Refuge	Interior	330	149	222	296	367	158	657	15	0	--
Specific Conductance	µmhos/cm	X1	Refuge	Interior	861	237	673	901	1065	172	1263	50	0	NC
Specific Conductance	µmhos/cm	X2	Refuge	Interior	617	282	341	620	867	45	1033	52	0	NC
Specific Conductance	µmhos/cm	X3	Refuge	Interior	477	261	230	455	741	101	990	55	0	NC
Specific Conductance	µmhos/cm	X4	Refuge	Interior	304	180	160	248	378	101	765	55	0	NC
Specific Conductance	µmhos/cm	Y4	Refuge	Interior	344	204	180	291	411	96	846	55	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	Z1	Refuge	Interior	886	219	769	875	1035	266	1270	54	0	NC
Specific Conductance	µmhos/cm	Z2	Refuge	Interior	703	207	578	786	870	184	948	51	0	NC
Specific Conductance	µmhos/cm	Z3	Refuge	Interior	434	213	249	409	576	111	955	57	0	NC
Specific Conductance	µmhos/cm	Z4	Refuge	Interior	320	194	186	251	339	115	842	56	0	NC
Specific Conductance	µmhos/cm	G94B	Refuge	Outflow	620	199	468	630	757	188	1072	61	0	NC
Specific Conductance	µmhos/cm	S10A	Refuge	Outflow	701	181	551	711	833	377	1083	31	0	NC
Specific Conductance	µmhos/cm	S10A	WCA-2	Inflow	701	181	551	711	833	377	1083	31	0	NC
Specific Conductance	µmhos/cm	S10C	Refuge	Outflow	774	259	611	764	1011	142	1152	28	0	NC
Specific Conductance	µmhos/cm	S10C	WCA-2	Inflow	774	259	611	764	1011	142	1152	28	0	NC
Specific Conductance	µmhos/cm	S10D	Refuge	Outflow	935	184	800	923	1084	477	1283	68	1.5±2.4	MC
Specific Conductance	µmhos/cm	S10D	WCA-2	Inflow	935	184	800	923	1084	477	1283	68	1.5±2.4	MC
Specific Conductance	µmhos/cm	S10E	Refuge	Outflow	937	205	747	920	1139	652	1314	45	4.4±5.1	MC
Specific Conductance	µmhos/cm	S10E	WCA-2	Inflow	937	205	747	920	1139	652	1314	45	4.4±5.1	MC
Specific Conductance	µmhos/cm	S39	Refuge	Outflow	674	208	502	698	830	160	1160	79	0	NC
Specific Conductance	µmhos/cm	S38B	WCA-2	Inflow	859	251	621	830	1115	397	1184	14	0	--
Specific Conductance	µmhos/cm	S7	WCA-2	Inflow	915	218	749	920	1072	443	1446	205	5.4±2.6	MC
Specific Conductance	µmhos/cm	E0	WCA-2	Inflow	1030	194	943	1066	1143	414	1486	58	5.2±4.8	MC
Specific Conductance	µmhos/cm	F0	WCA-2	Inflow	1035	176	943	1078	1139	417	1360	59	5.1±4.7	MC
Specific Conductance	µmhos/cm	G335	WCA-2	Inflow	1239	145	1165	1265	1332	723	1519	259	46.1±5.1	C
Specific Conductance	µmhos/cm	G339	WCA-2	Inflow	1176	--	--	1176	--	1176	1176	1	0	--
Specific Conductance	µmhos/cm	404C2	WCA-2	Interior	1145	195	1011	1202	1273	736	1572	40	22.5±10.9	C

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	404Z1	WCA-2	Interior	1210	201	1058	1201	1322	779	1781	33	30.3±13.2	C
Specific Conductance	µmhos/cm	F1	WCA-2	Interior	1283	482	954	1142	1480	652	2857	116	39.7±7.5	C
Specific Conductance	µmhos/cm	F2	WCA-2	Interior	1088	337	860	1014	1241	584	2376	136	22.1±5.8	C
Specific Conductance	µmhos/cm	F4	WCA-2	Interior	925	223	775	886	1058	279	1557	136	8.1±3.8	PC
Specific Conductance	µmhos/cm	N1	WCA-2	Interior	1189	170	1055	1217	1314	773	1572	48	35.4±11.4	C
Specific Conductance	µmhos/cm	CA215	WCA-2	Interior	923	208	770	923	1077	399	1497	107	5.6±3.7	MC
Specific Conductance	µmhos/cm	CA27	WCA-2	Interior	1119	185	1010	1151	1226	185	1507	101	18.8±6.4	C
Specific Conductance	µmhos/cm	CA28	WCA-2	Interior	1255	294	1099	1241	1381	514	2069	85	44.7±8.9	C
Specific Conductance	µmhos/cm	CA29	WCA-2	Interior	1027	231	913	1061	1145	252	1599	108	12.0±5.2	PC
Specific Conductance	µmhos/cm	E1	WCA-2	Interior	1012	259	772	1033	1189	562	1516	44	15.9±9.1	PC
Specific Conductance	µmhos/cm	E2	WCA-2	Interior	887	184	735	882	1004	517	1243	36	0	NC
Specific Conductance	µmhos/cm	E3	WCA-2	Interior	878	180	759	846	1005	502	1281	41	2.4±4.0	MC
Specific Conductance	µmhos/cm	E4	WCA-2	Interior	803	156	698	826	887	448	1210	40	0	NC
Specific Conductance	µmhos/cm	E5	WCA-2	Interior	789	119	710	794	900	564	1001	43	0	NC
Specific Conductance	µmhos/cm	F3	WCA-2	Interior	1077	328	808	1041	1308	621	2108	53	28.3±10.2	C
Specific Conductance	µmhos/cm	F5	WCA-2	Interior	921	228	781	888	1044	223	1492	46	8.7±6.8	MC
Specific Conductance	µmhos/cm	U1	WCA-2	Interior	715	138	641	739	803	383	1121	45	0	NC
Specific Conductance	µmhos/cm	U2	WCA-2	Interior	818	150	740	838	919	415	1076	42	0	NC
Specific Conductance	µmhos/cm	U3	WCA-2	Interior	849	201	695	861	970	403	1238	44	0	NC
Specific Conductance	µmhos/cm	S145	WCA-2	Interior	767	162	661	781	893	468	1170	83	0	NC
Specific Conductance	µmhos/cm	S144	WCA-2	Interior	949	--	--	949	--	949	949	1	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	S146	WCA-2	Interior	831	--	--	831	--	831	831	1	0	--
Specific Conductance	µmhos/cm	S11B	WCA-2	Outflow	847	182	696	816	985	533	1275	50	0	NC
Specific Conductance	µmhos/cm	S11B	WCA-3	Inflow	847	182	696	816	985	533	1275	50	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-2	Outflow	951	185	837	952	1087	465	1261	78	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-3	Inflow	951	185	837	952	1087	465	1261	78	0	NC
Specific Conductance	µmhos/cm	S11A	WCA-2	Outflow	867	193	737	849	1030	460	1317	86	1.2±1.9	MC
Specific Conductance	µmhos/cm	S11A	WCA-3	Inflow	867	193	737	849	1030	460	1317	86	1.2±1.9	MC
Specific Conductance	µmhos/cm	S34	WCA-2	Outflow	863	143	770	864	961	528	1218	88	0	NC
Specific Conductance	µmhos/cm	S38	WCA-2	Outflow	730	178	591	715	878	420	1123	81	0	NC
Specific Conductance	µmhos/cm	S8	WCA-3	Inflow	736	169	644	758	856	9	1108	239	0	NC
Specific Conductance	µmhos/cm	G205	WCA-3	Inflow	785	167	625	823	937	529	998	9	0	--
Specific Conductance	µmhos/cm	G206	WCA-3	Inflow	706	95	619	713	789	555	822	9	0	--
Specific Conductance	µmhos/cm	G123	WCA-3	Inflow	870	125	777	883	959	542	1198	200	0	NC
Specific Conductance	µmhos/cm	S140	WCA-3	Inflow	604	158	452	624	730	293	988	210	0	NC
Specific Conductance	µmhos/cm	S190	WCA-3	Inflow	502	100	426	516	590	252	654	96	0	NC
Specific Conductance	µmhos/cm	S9	WCA-3	Inflow	746	51	715	757	782	592	901	260	0	NC
Specific Conductance	µmhos/cm	S150	WCA-3	Inflow	792	239	605	783	948	344	1315	198	2.1±1.7	MC
Specific Conductance	µmhos/cm	C123SR84	WCA-3	Inflow	639	129	565	638	708	106	1160	78	0	NC
Specific Conductance	µmhos/cm	G204	WCA-3	Inflow	778	206	604	740	974	553	1076	6	0	--
Specific Conductance	µmhos/cm	S142	WCA-3	Inflow	861	137	778	857	943	517	1167	100	0	NC
Specific Conductance	µmhos/cm	S151	WCA-3	Inflow	753	108	683	752	818	525	1008	79	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	3AE0	WCA-3	Inflow	466	78	401	477	517	319	636	48	0	NC
Specific Conductance	µmhos/cm	3AW0	WCA-3	Inflow	473	79	423	482	525	317	647	48	0	NC
Specific Conductance	µmhos/cm	CA311	WCA-3	Interior	404	95	327	395	458	206	663	109	0	NC
Specific Conductance	µmhos/cm	CA315	WCA-3	Interior	322	78	271	319	368	1	559	113	0	NC
Specific Conductance	µmhos/cm	CA316	WCA-3	Interior	718	187	577	702	856	362	1141	114	0	NC
Specific Conductance	µmhos/cm	CA317	WCA-3	Interior	632	123	528	627	713	427	930	122	0	NC
Specific Conductance	µmhos/cm	CA318	WCA-3	Interior	600	107	537	609	672	2	901	115	0	NC
Specific Conductance	µmhos/cm	CA32	WCA-3	Interior	497	237	324	426	629	210	1202	79	0	NC
Specific Conductance	µmhos/cm	CA33	WCA-3	Interior	617	166	513	619	707	319	1190	86	0	NC
Specific Conductance	µmhos/cm	CA34	WCA-3	Interior	530	118	426	542	620	297	772	81	0	NC
Specific Conductance	µmhos/cm	CA35	WCA-3	Interior	528	148	403	506	624	311	876	62	0	NC
Specific Conductance	µmhos/cm	CA36	WCA-3	Interior	731	135	634	743	814	457	990	55	0	NC
Specific Conductance	µmhos/cm	CA38	WCA-3	Interior	424	95	359	410	482	235	743	90	0	NC
Specific Conductance	µmhos/cm	3AE05	WCA-3	Interior	466	79	405	470	517	322	602	27	0	--
Specific Conductance	µmhos/cm	3AE10	WCA-3	Interior	455	65	409	460	496	321	564	35	0	NC
Specific Conductance	µmhos/cm	3AE15	WCA-3	Interior	450	71	385	456	507	304	571	38	0	NC
Specific Conductance	µmhos/cm	3AE20	WCA-3	Interior	459	79	392	459	521	336	618	44	0	NC
Specific Conductance	µmhos/cm	3AE40	WCA-3	Interior	419	69	368	411	458	296	594	42	0	NC
Specific Conductance	µmhos/cm	3ANMESO	WCA-3	Interior	397	69	338	385	447	284	598	50	0	NC
Specific Conductance	µmhos/cm	3ASMESO	WCA-3	Interior	359	68	313	350	407	218	529	100	0	NC
Specific Conductance	µmhos/cm	3AW05	WCA-3	Interior	471	79	406	490	523	322	620	30	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	3AW10	WCA-3	Interior	467	69	425	476	519	327	590	38	0	NC
Specific Conductance	µmhos/cm	3AW15	WCA-3	Interior	439	74	395	455	493	280	555	38	0	NC
Specific Conductance	µmhos/cm	3AW20	WCA-3	Interior	426	77	370	417	499	277	586	39	0	NC
Specific Conductance	µmhos/cm	3AW40	WCA-3	Interior	400	85	344	404	467	205	604	46	0	NC
Specific Conductance	µmhos/cm	S334	WCA-3	Outflow	537	90	476	534	583	354	772	85	0	NC
Specific Conductance	µmhos/cm	S333	Park	Inflow	548	130	451	571	629	240	858	136	0	NC
Specific Conductance	µmhos/cm	S333	WCA-3	Outflow	548	130	451	571	629	240	858	136	0	NC
Specific Conductance	µmhos/cm	S355A	Park	Inflow	393	120	288	401	501	194	600	52	0	NC
Specific Conductance	µmhos/cm	S355A	WCA-3	Outflow	393	120	288	401	501	194	600	52	0	NC
Specific Conductance	µmhos/cm	S355B	Park	Inflow	402	111	294	422	487	218	649	52	0	NC
Specific Conductance	µmhos/cm	S355B	WCA-3	Outflow	402	111	294	422	487	218	649	52	0	NC
Specific Conductance	µmhos/cm	S12A	Park	Inflow	290	89	236	268	325	3	660	116	0	NC
Specific Conductance	µmhos/cm	S12A	WCA-3	Outflow	290	89	236	268	325	3	660	116	0	NC
Specific Conductance	µmhos/cm	S12B	Park	Inflow	317	96	253	296	353	209	743	115	0	NC
Specific Conductance	µmhos/cm	S12B	WCA-3	Outflow	317	96	253	296	353	209	743	115	0	NC
Specific Conductance	µmhos/cm	S12C	Park	Inflow	379	102	301	350	461	202	660	125	0	NC
Specific Conductance	µmhos/cm	S12C	WCA-3	Outflow	379	102	301	350	461	202	660	125	0	NC
Specific Conductance	µmhos/cm	S12D	Park	Inflow	491	153	325	541	619	239	812	131	0	NC
Specific Conductance	µmhos/cm	S12D	WCA-3	Outflow	491	153	325	541	619	239	812	131	0	NC
Specific Conductance	µmhos/cm	S344	WCA-3	Outflow	258	60	200	248	310	174	356	17	0	--
Specific Conductance	µmhos/cm	S197	WCA-3	Outflow	560	266	429	468	644	389	1098	6	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	S31	WCA-3	Outflow	742	104	665	712	808	555	979	41	0	NC
Specific Conductance	µmhos/cm	US41-25	WCA-3	Outflow	359	101	274	371	441	1	551	129	0	NC
Specific Conductance	µmhos/cm	S175	Park	Inflow	544	380	463	490	531	353	4425	110	0.9±1.5	MC
Specific Conductance	µmhos/cm	S18C	Park	Inflow	522	51	499	511	529	434	952	204	0	NC
Specific Conductance	µmhos/cm	S332	Park	Inflow	507	72	461	490	529	358	750	109	0	NC
Specific Conductance	µmhos/cm	S332D	Park	Inflow	550	56	513	536	576	396	774	224	0	NC
Specific Conductance	µmhos/cm	T0E	Park	Inflow	490	45	455	500	520	413	533	5	0	--
Specific Conductance	µmhos/cm	T0W	Park	Inflow	492	48	453	499	528	411	535	5	0	--
Specific Conductance	µmhos/cm	EP	Park	Interior	538	180	453	504	596	249	1405	35	2.9±4.6	MC
Specific Conductance	µmhos/cm	NE1	Park	Interior	563	124	476	550	692	311	784	56	0	NC
Specific Conductance	µmhos/cm	NP201	Park	Interior	526	155	434	492	591	280	1156	56	0	NC
Specific Conductance	µmhos/cm	P33	Park	Interior	532	128	462	521	591	305	876	55	0	NC
Specific Conductance	µmhos/cm	P34	Park	Interior	282	68	237	264	308	194	483	40	0	NC
Specific Conductance	µmhos/cm	P35	Park	Interior	490	155	358	454	571	318	899	38	0	NC
Specific Conductance	µmhos/cm	P36	Park	Interior	502	123	404	496	566	315	792	56	0	NC
Specific Conductance	µmhos/cm	P37	Park	Interior	314	105	230	290	361	167	565	35	0	NC
Specific Conductance	µmhos/cm	TSB	Park	Interior	434	101	390	481	500	143	609	47	0	NC
Specific Conductance	µmhos/cm	T05E	Park	Interior	536	68	481	520	606	471	631	4	0	--
Specific Conductance	µmhos/cm	T10W	Park	Interior	522	51	482	509	576	477	594	4	0	--
Specific Conductance	µmhos/cm	T24	Park	Interior	333	94	251	313	436	251	436	3	0	--
Specific Conductance	µmhos/cm	T33	Park	Interior	379	80	304	379	455	294	490	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	T34	Park	Interior	347	74	270	365	407	251	409	4	0	--
Specific Conductance	µmhos/cm	TNMESO	Park	Interior	321	71	254	319	390	236	409	4	0	--
Specific Conductance	µmhos/cm	T05W	Park	Interior	497	36	458	507	527	458	527	3	0	--
Specific Conductance	µmhos/cm	T10E	Park	Interior	494	20	--	494	--	480	508	2	0	--
Specific Conductance	µmhos/cm	T15E	Park	Interior	493	43	443	515	521	443	521	3	0	--
Specific Conductance	µmhos/cm	T15W	Park	Interior	454	31	429	444	489	429	489	3	0	--
Specific Conductance	µmhos/cm	T23	Park	Interior	408	48	368	395	461	368	461	3	0	--
Specific Conductance	µmhos/cm	TSMESO	Park	Interior	252	63	202	232	323	202	323	3	0	--
Sulfate	mg/L	ACME1DS	Refuge	Inflow	28.0	17.4	15.7	21.9	41.3	3.32	68.3	20		N/A
Sulfate	mg/L	G94D	Refuge	Inflow	28.4	14.9	19.0	24.4	39.1	3.22	64.6	21		N/A
Sulfate	mg/L	ENR012	Refuge	Inflow	64.1	18.1	50.2	63.4	75.7	24.2	104	129		N/A
Sulfate	mg/L	G310	Refuge	Inflow	69.6	20.1	53.3	67.4	82.2	30.4	123	129		N/A
Sulfate	mg/L	S5AD	Refuge	Rim	57.1	28.5	24.6	63.7	77.0	14.1	96.0	11		N/A
Sulfate	mg/L	S6D	Refuge	Rim	64.2	25.1	45.0	59.0	81.5	33.2	110	8		N/A
Sulfate	mg/L	LOXA104	Refuge	Rim	62.3	17.7	49.3	61.6	69.3	34.5	100	21		N/A
Sulfate	mg/L	LOXA135	Refuge	Rim	35.6	21.9	15.6	37.3	44.6	7.90	99.0	23		N/A
Sulfate	mg/L	X0	Refuge	Rim	61.1	24.6	41.5	56.5	76.8	13.0	120	61		N/A
Sulfate	mg/L	Z0	Refuge	Rim	60.4	24.0	43.0	57.0	77.0	16.0	120	59		N/A
Sulfate	mg/L	LOX3	Refuge	Interior	0.19	0.14	0.10	0.16	0.22	<0.10	0.56	15		N/A
Sulfate	mg/L	LOX4	Refuge	Interior	5.23	8.07	1.20	1.90	4.85	0.50	41.1	41		N/A
Sulfate	mg/L	LOX5	Refuge	Interior	0.13	0.20	<0.10	0.10	0.10	<0.10	1.00	22		N/A
Sulfate	mg/L	LOX6	Refuge	Interior	7.58	15.5	0.93	1.76	5.68	0.37	84.3	48		N/A
Sulfate	mg/L	LOX7	Refuge	Interior	0.23	0.15	0.12	0.20	0.30	<0.10	0.70	46		N/A
Sulfate	mg/L	LOX8	Refuge	Interior	0.19	0.55	<0.10	<0.10	0.11	<0.10	3.90	52		N/A
Sulfate	mg/L	LOX9	Refuge	Interior	0.11	0.08	<0.10	<0.10	0.19	<0.10	0.31	32		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Sulfate	mg/L	LOX10	Refuge	Interior	8.03	18.5	1.75	2.10	5.55	0.90	110	37		N/A
Sulfate	mg/L	LOX11	Refuge	Interior	0.10	0.09	<0.10	<0.10	0.10	<0.10	0.50	47		N/A
Sulfate	mg/L	LOX12	Refuge	Interior	5.81	10.7	1.03	1.75	3.54	<0.10	49.0	56		N/A
Sulfate	mg/L	LOX13	Refuge	Interior	<0.10	0.08	<0.10	<0.10	0.11	<0.10	0.40	38		N/A
Sulfate	mg/L	LOX14	Refuge	Interior	4.14	9.57	0.60	1.40	2.10	0.13	44.0	51		N/A
Sulfate	mg/L	LOX15	Refuge	Interior	21.2	19.4	6.20	13.0	33.1	1.50	71.2	52		N/A
Sulfate	mg/L	LOX16	Refuge	Interior	1.96	5.96	0.50	0.80	1.30	0.13	42.3	52		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
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	50.7	24.8	30.5	47.0	74.0	5.90	110	53		N/A
Sulfate	mg/L	X2	Refuge	Interior	27.3	21.1	9.50	20.0	45.0	3.00	76.0	55		N/A
Sulfate	mg/L	X3	Refuge	Interior	17.0	18.1	5.23	6.65	23.8	2.00	65.0	56		N/A
Sulfate	mg/L	X4	Refuge	Interior	3.64	5.68	0.94	1.60	3.00	0.51	27.0	57		N/A
Sulfate	mg/L	Y4	Refuge	Interior	6.41	9.24	1.60	2.80	5.65	0.93	41.0	57		N/A
Sulfate	mg/L	Z1	Refuge	Interior	48.6	21.8	30.5	49.0	64.0	7.30	88.0	55		N/A
Sulfate	mg/L	Z2	Refuge	Interior	27.0	16.7	12.8	23.0	41.5	3.40	63.0	53		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
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Sulfate	mg/L	Z3	Refuge	Interior	11.3	11.6	3.60	6.35	13.4	1.50	49.5	60		N/A
Sulfate	mg/L	Z4	Refuge	Interior	5.59	9.60	1.10	1.80	3.36	0.65	37.0	58		N/A
Sulfate	mg/L	G94B	Refuge	Outflow	29.3	21.8	13.4	24.9	37.1	1.42	85.9	20		N/A
Sulfate	mg/L	S10A	Refuge	Outflow	38.4	17.5	20.7	42.4	51.1	9.50	65.1	21		N/A
Sulfate	mg/L	S10A	WCA-2	Inflow	38.4	17.5	20.7	42.4	51.1	9.50	65.1	21		N/A
Sulfate	mg/L	S10C	Refuge	Outflow	52.6	22.0	40.8	56.1	68.1	4.00	89.0	22		N/A
Sulfate	mg/L	S10C	WCA-2	Inflow	52.6	22.0	40.8	56.1	68.1	4.00	89.0	22		N/A
Sulfate	mg/L	S10D	Refuge	Outflow	62.5	20.4	48.3	68.3	75.6	15.5	98.3	22		N/A
Sulfate	mg/L	S10D	WCA-2	Inflow	62.5	20.4	48.3	68.3	75.6	15.5	98.3	22		N/A
Sulfate	mg/L	S10E	Refuge	Outflow	55.7	24.6	39.3	45.9	78.7	15.8	97.5	15		N/A
Sulfate	mg/L	S10E	WCA-2	Inflow	55.7	24.6	39.3	45.9	78.7	15.8	97.5	15		N/A
Sulfate	mg/L	S39	Refuge	Outflow	35.4	17.6	20.5	36.2	45.1	9.30	83.3	24		N/A
Sulfate	mg/L	S38B	WCA-2	Inflow	38.7	18.8	23.2	33.1	56.2	11.9	73.7	14		N/A
Sulfate	mg/L	S7	WCA-2	Inflow	45.2	16.9	32.5	42.7	53.5	18.9	85.8	23		N/A
Sulfate	mg/L	E0	WCA-2	Inflow	44.9	20.5	29.0	37.0	58.0	19.0	105	57		N/A
Sulfate	mg/L	F0	WCA-2	Inflow	45.7	20.7	30.0	38.0	61.5	20.0	100	57		N/A
Sulfate	mg/L	G335	WCA-2	Inflow	59.8	18.8	48.6	55.4	74.1	8.03	106	124		N/A
Sulfate	mg/L	G339	WCA-2	Inflow	89.9	--	--	89.9	--	89.9	89.9	1		N/A
Sulfate	mg/L	404C2	WCA-2	Interior	61.5	21.0	49.3	61.5	76.8	14.0	100	44		N/A
Sulfate	mg/L	404Z1	WCA-2	Interior	54.1	18.0	46.3	51.5	65.5	21.0	96.0	36		N/A
Sulfate	mg/L	F1	WCA-2	Interior	35.5	22.7	18.3	30.0	47.5	5.20	100	97		N/A
Sulfate	mg/L	F2	WCA-2	Interior	36.4	19.9	19.2	37.3	49.1	7.30	97.7	121		N/A
Sulfate	mg/L	F4	WCA-2	Interior	34.5	18.4	18.0	35.5	45.2	5.93	100	116		N/A
Sulfate	mg/L	N1	WCA-2	Interior	63.3	19.3	51.0	59.0	74.0	32.0	110	49		N/A
Sulfate	mg/L	CA215	WCA-2	Interior	36.1	25.8	13.7	37.0	50.7	5.60	180	81		N/A
Sulfate	mg/L	CA27	WCA-2	Interior	52.8	23.4	37.8	47.3	66.7	10.0	102	76		N/A
Sulfate	mg/L	CA28	WCA-2	Interior	62.8	20.0	45.7	63.5	77.5	21.0	121	67		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Sulfate	mg/L	CA29	WCA-2	Interior	40.6	25.0	17.9	38.3	59.9	4.30	100	77		N/A
Sulfate	mg/L	E1	WCA-2	Interior	33.6	18.5	20.0	29.0	41.0	9.10	90.0	43		N/A
Sulfate	mg/L	E2	WCA-2	Interior	33.9	15.3	23.0	32.0	39.3	14.0	77.0	34		N/A
Sulfate	mg/L	E3	WCA-2	Interior	33.9	15.4	21.0	30.5	41.8	13.0	79.0	40		N/A
Sulfate	mg/L	E4	WCA-2	Interior	69.6	222	26.0	31.0	41.4	10.0	1400	38		N/A
Sulfate	mg/L	E5	WCA-2	Interior	31.3	11.6	24.0	29.8	36.0	8.20	60.5	42		N/A
Sulfate	mg/L	F3	WCA-2	Interior	33.9	19.2	16.0	36.0	48.0	6.90	100	51		N/A
Sulfate	mg/L	F5	WCA-2	Interior	34.5	19.2	16.0	36.5	48.0	7.50	100	44		N/A
Sulfate	mg/L	U1	WCA-2	Interior	29.5	12.4	20.1	28.5	36.0	11.0	64.0	44		N/A
Sulfate	mg/L	U2	WCA-2	Interior	33.9	15.2	20.5	33.0	45.5	7.85	67.0	41		N/A
Sulfate	mg/L	U3	WCA-2	Interior	35.6	23.1	14.0	37.0	51.0	4.50	110	43		N/A
Sulfate	mg/L	S145	WCA-2	Interior	31.6	10.6	23.4	30.7	42.3	8.90	45.7	21		N/A
Sulfate	mg/L	S11B	WCA-2	Outflow	40.8	18.1	28.4	36.8	53.0	10.4	86.1	23		N/A
Sulfate	mg/L	S11B	WCA-3	Inflow	40.8	18.1	28.4	36.8	53.0	10.4	86.1	23		N/A
Sulfate	mg/L	S11C	WCA-2	Outflow	45.0	17.3	33.0	44.0	55.1	15.6	84.2	22		N/A
Sulfate	mg/L	S11C	WCA-3	Inflow	45.0	17.3	33.0	44.0	55.1	15.6	84.2	22		N/A
Sulfate	mg/L	S11A	WCA-2	Outflow	38.4	15.0	27.8	37.9	50.2	14.7	74.7	23		N/A
Sulfate	mg/L	S11A	WCA-3	Inflow	38.4	15.0	27.8	37.9	50.2	14.7	74.7	23		N/A
Sulfate	mg/L	S34	WCA-2	Outflow	30.7	13.4	18.2	35.9	40.8	5.81	55.8	25		N/A
Sulfate	mg/L	S38	WCA-2	Outflow	26.6	10.4	19.0	26.4	35.3	9.70	44.9	23		N/A
Sulfate	mg/L	S8	WCA-3	Inflow	31.2	13.2	21.9	33.1	41.3	3.00	55.6	20		N/A
Sulfate	mg/L	G123	WCA-3	Inflow	23.6	16.0	8.44	24.2	37.1	1.83	52.1	20		N/A
Sulfate	mg/L	S140	WCA-3	Inflow	11.1	6.44	5.99	8.74	17.8	1.19	22.4	26		N/A
Sulfate	mg/L	S190	WCA-3	Inflow	7.70	2.25	6.30	7.25	9.64	4.00	12.7	24		N/A
Sulfate	mg/L	S9	WCA-3	Inflow	2.89	1.56	1.78	2.48	3.78	0.80	7.00	21		N/A
Sulfate	mg/L	S150	WCA-3	Inflow	30.2	13.3	18.4	29.1	41.6	10.4	60.1	20		N/A
Sulfate	mg/L	C123SR84	WCA-3	Inflow	18.2	11.2	10.4	14.3	25.1	3.26	45.2	21		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Sulfate	mg/L	S142	WCA-3	Inflow	31.9	13.7	20.0	34.7	40.6	8.00	58.2	28		N/A
Sulfate	mg/L	S151	WCA-3	Inflow	21.2	9.31	13.5	20.1	30.7	5.44	36.3	22		N/A
Sulfate	mg/L	3AE0	WCA-3	Inflow	7.44	2.38	5.90	7.30	9.05	1.80	12.0	51		N/A
Sulfate	mg/L	3AW0	WCA-3	Inflow	7.40	2.05	6.03	7.15	8.75	2.80	12.0	52		N/A
Sulfate	mg/L	CA311	WCA-3	Interior	1.54	1.92	0.70	1.20	1.60	<0.10	16.0	91		N/A
Sulfate	mg/L	CA315	WCA-3	Interior	0.15	0.25	<0.10	<0.10	0.12	<0.10	2.25	106		N/A
Sulfate	mg/L	CA316	WCA-3	Interior	21.9	16.3	8.20	16.0	37.1	1.20	56.8	103		N/A
Sulfate	mg/L	CA317	WCA-3	Interior	19.6	13.6	6.28	16.5	32.4	2.50	48.0	122		N/A
Sulfate	mg/L	CA318	WCA-3	Interior	10.8	8.79	3.50	8.31	16.8	<0.10	42.4	115		N/A
Sulfate	mg/L	CA32	WCA-3	Interior	12.3	19.1	0.81	2.20	17.4	<0.10	83.2	63		N/A
Sulfate	mg/L	CA33	WCA-3	Interior	10.3	20.6	2.86	4.58	7.05	1.20	120	66		N/A
Sulfate	mg/L	CA34	WCA-3	Interior	7.96	5.24	3.95	6.80	10.6	1.29	28.0	68		N/A
Sulfate	mg/L	CA35	WCA-3	Interior	6.14	5.33	3.25	4.45	6.65	2.00	33.9	44		N/A
Sulfate	mg/L	CA36	WCA-3	Interior	25.4	11.4	17.8	24.3	35.4	5.90	42.2	37		N/A
Sulfate	mg/L	CA38	WCA-3	Interior	2.51	4.53	1.10	1.40	1.80	0.62	29.3	67		N/A
Sulfate	mg/L	3AE05	WCA-3	Interior	4.57	2.75	3.03	3.95	5.90	0.87	14.0	29		N/A
Sulfate	mg/L	3AE10	WCA-3	Interior	4.20	7.28	1.33	2.35	4.38	0.40	45.0	36		N/A
Sulfate	mg/L	3AE15	WCA-3	Interior	2.57	1.86	1.00	1.75	3.60	0.44	6.70	39		N/A
Sulfate	mg/L	3AE20	WCA-3	Interior	4.09	12.3	1.15	1.80	3.30	0.70	84.0	45		N/A
Sulfate	mg/L	3AE40	WCA-3	Interior	1.70	1.33	0.94	1.35	2.00	0.22	7.50	42		N/A
Sulfate	mg/L	3ANMESO	WCA-3	Interior	0.73	0.90	0.32	0.49	0.76	0.10	6.00	50		N/A
Sulfate	mg/L	3ASMESO	WCA-3	Interior	0.45	0.30	0.23	0.35	0.67	0.10	1.20	100		N/A
Sulfate	mg/L	3AW05	WCA-3	Interior	3.92	2.20	1.78	4.00	5.45	0.61	8.85	32		N/A
Sulfate	mg/L	3AW10	WCA-3	Interior	3.49	2.95	1.10	2.90	5.30	0.49	14.0	39		N/A
Sulfate	mg/L	3AW15	WCA-3	Interior	2.25	1.53	1.07	1.70	3.49	0.52	5.70	38		N/A
Sulfate	mg/L	3AW20	WCA-3	Interior	2.19	1.57	0.96	1.80	3.03	0.39	7.30	38		N/A
Sulfate	mg/L	3AW40	WCA-3	Interior	1.60	2.06	0.68	1.10	2.00	0.10	14.0	47		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Sulfate	mg/L	S334	WCA-3	Outflow	7.32	7.75	0.60	5.00	12.1	<0.10	28.5	23		N/A
Sulfate	mg/L	S333	Park	Inflow	13.0	9.63	3.43	11.2	18.3	0.20	35.8	23		N/A
Sulfate	mg/L	S333	WCA-3	Outflow	13.0	9.63	3.43	11.2	18.3	0.20	35.8	23		N/A
Sulfate	mg/L	S355A	Park	Inflow	0.59	1.44	<0.10	0.13	0.53	<0.10	5.92	16		N/A
Sulfate	mg/L	S355A	WCA-3	Outflow	0.59	1.44	<0.10	0.13	0.53	<0.10	5.92	16		N/A
Sulfate	mg/L	S355B	Park	Inflow	2.05	4.09	<0.10	0.27	1.82	<0.10	16.0	15		N/A
Sulfate	mg/L	S355B	WCA-3	Outflow	2.05	4.09	<0.10	0.27	1.82	<0.10	16.0	15		N/A
Sulfate	mg/L	S12A	Park	Inflow	1.09	3.00	<0.10	<0.10	0.22	<0.10	11.0	23		N/A
Sulfate	mg/L	S12A	WCA-3	Outflow	1.09	3.00	<0.10	<0.10	0.22	<0.10	11.0	23		N/A
Sulfate	mg/L	S12B	Park	Inflow	1.82	3.52	<0.10	0.10	2.31	<0.10	11.4	20		N/A
Sulfate	mg/L	S12B	WCA-3	Outflow	1.82	3.52	<0.10	0.10	2.31	<0.10	11.4	20		N/A
Sulfate	mg/L	S12C	Park	Inflow	4.17	4.60	<0.10	2.69	8.23	<0.10	15.0	22		N/A
Sulfate	mg/L	S12C	WCA-3	Outflow	4.17	4.60	<0.10	2.69	8.23	<0.10	15.0	22		N/A
Sulfate	mg/L	S12D	Park	Inflow	8.64	8.73	0.34	8.28	14.5	<0.10	28.9	26		N/A
Sulfate	mg/L	S12D	WCA-3	Outflow	8.64	8.73	0.34	8.28	14.5	<0.10	28.9	26		N/A
Sulfate	mg/L	S344	WCA-3	Outflow	0.15	0.16	<0.10	0.10	0.20	<0.10	0.67	18		N/A
Sulfate	mg/L	S197	WCA-3	Outflow	23.9	30.3	7.37	9.89	54.5	6.60	69.3	4		N/A
Sulfate	mg/L	S31	WCA-3	Outflow	15.7	9.79	7.84	11.4	26.2	4.26	31.9	16		N/A
Sulfate	mg/L	US41-25	WCA-3	Outflow	0.22	0.34	<0.10	<0.10	0.28	<0.10	1.40	17		N/A
Sulfate	mg/L	S175	Park	Inflow	2.35	1.63	0.98	2.03	3.15	<0.10	5.02	15		N/A
Sulfate	mg/L	S18C	Park	Inflow	9.30	2.47	7.66	9.17	10.7	4.21	15.2	19		N/A
Sulfate	mg/L	S332	Park	Inflow	2.93	1.90	2.05	2.46	3.83	<0.10	7.50	14		N/A
Sulfate	mg/L	S332D	Park	Inflow	5.97	7.78	2.10	3.00	4.49	1.40	25.8	13		N/A
Sulfate	mg/L	T0E	Park	Inflow	1.87	1.12	0.99	2.00	2.68	0.18	3.30	5		N/A
Sulfate	mg/L	T0W	Park	Inflow	1.93	1.00	1.13	2.00	2.70	0.35	3.10	5		N/A
Sulfate	mg/L	EP	Park	Interior	6.56	10.3	2.93	4.27	5.78	1.35	60.9	32		N/A
Sulfate	mg/L	NE1	Park	Interior	5.41	5.04	1.30	3.80	8.00	<0.10	19.9	55		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Sulfate	mg/L	NP201	Park	Interior	24.0	66.8	2.04	4.67	9.00	<0.10	403	54		N/A
Sulfate	mg/L	P33	Park	Interior	5.64	7.42	2.00	3.39	6.24	<0.10	48.8	55		N/A
Sulfate	mg/L	P34	Park	Interior	0.28	0.68	<0.10	<0.10	<0.10	<0.10	3.00	36		N/A
Sulfate	mg/L	P35	Park	Interior	1.85	3.05	0.40	0.60	1.50	<0.10	13.2	35		N/A
Sulfate	mg/L	P36	Park	Interior	3.00	10.0	0.52	0.85	1.52	0.21	68.7	52		N/A
Sulfate	mg/L	P37	Park	Interior	0.87	2.49	<0.10	<0.10	0.10	<0.10	11.1	31		N/A
Sulfate	mg/L	TSB	Park	Interior	3.33	6.96	0.44	1.33	2.47	<0.10	35.0	40		N/A
Sulfate	mg/L	T05E	Park	Interior	10.2	14.5	2.73	3.10	24.8	2.60	32.0	4		N/A
Sulfate	mg/L	T10W	Park	Interior	3.04	1.31	2.11	2.58	4.43	2.10	4.90	4		N/A
Sulfate	mg/L	T24	Park	Interior	0.66	0.44	0.29	0.54	1.15	0.29	1.15	3		N/A
Sulfate	mg/L	T33	Park	Interior	1.33	1.23	0.56	0.61	2.45	0.53	3.40	5		N/A
Sulfate	mg/L	T34	Park	Interior	0.56	0.27	0.29	0.57	0.82	0.23	0.87	4		N/A
Sulfate	mg/L	TNMESO	Park	Interior	0.35	0.39	0.10	0.18	0.76	0.10	0.92	4		N/A
Sulfate	mg/L	T05W	Park	Interior	2.27	0.29	2.10	2.10	2.60	2.10	2.60	3		N/A
Sulfate	mg/L	T10E	Park	Interior	2.20			2.20		2.20	2.20	2		N/A
Sulfate	mg/L	T15E	Park	Interior	2.17	0.55	1.80	1.90	2.80	1.80	2.80	3		N/A
Sulfate	mg/L	T15W	Park	Interior	1.83	0.87	1.10	1.60	2.80	1.10	2.80	3		N/A
Sulfate	mg/L	T23	Park	Interior	1.47	0.35	1.10	1.50	1.80	1.10	1.80	3		N/A
Sulfate	mg/L	TSMESO	Park	Interior	0.78	0.49	0.34	0.70	1.30	0.34	1.30	3		N/A
Total Antimony	µg/L	S8	WCA-3	Inflow	2.29	1.85	<2.2	<2.2	4.28	<2.2	4.66	6	0	--
Total Antimony	µg/L	G205	WCA-3	Inflow	2.72	2.29	--	2.72	--	<2.2	4.33	2	0	--
Total Antimony	µg/L	G206	WCA-3	Inflow	<2.2	--	--	<2.2	--	<2.2	<2.2	2	0	--
Total Antimony	µg/L	S334	WCA-3	Outflow	<2.8	--	--	<2.8	--	<2.8	<2.8	1	0	--
Total Arsenic	µg/L	S8	WCA-3	Inflow	2.9	0.9	2.1	2.7	3.8	2.1	4.5	6	0	--
Total Arsenic	µg/L	G205	WCA-3	Inflow	4.9	2.1	--	4.9	--	3.4	6.4	2	0	--
Total Arsenic	µg/L	G206	WCA-3	Inflow	3.2	1.4	--	3.2	--	2.2	4.2	2	0	--
Total Arsenic	µg/L	S334	WCA-3	Outflow	<2.0	--	--	<2.0	--	<2.0	<2.0	1	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Cadmium	µg/L	ACME1DS	Refuge	Inflow	0.28	0.27	<0.30	<0.30	0.50	0.02	0.90	10	0	--
Total Cadmium	µg/L	G94D	Refuge	Inflow	0.27	0.23	<0.30	<0.30	0.48	0.02	0.70	10	0	--
Total Cadmium	µg/L	S38B	WCA-2	Inflow	0.18	0.16	0.12	<0.30	0.23	0.02	0.48	6	0	--
Total Cadmium	µg/L	S7	WCA-2	Inflow	<0.30	--	--	<0.30	--	<0.30	<0.30	1	0	--
Total Cadmium	µg/L	S8	WCA-3	Inflow	0.22	0.20	<0.30	<0.30	<0.30	0.02	0.64	12	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	0.225	0.44	<0.30	0.49	4	0	--
Total Cadmium	µg/L	G123	WCA-3	Inflow	0.35	0.49	<0.30	<0.30	0.40	0.08	1.70	10	0	--
Total Cadmium	µg/L	S140	WCA-3	Inflow	0.28	0.21	<0.30	<0.30	0.45	0.02	0.60	10	0	--
Total Cadmium	µg/L	S190	WCA-3	Inflow	0.28	0.29	<0.30	<0.30	0.36	0.02	1.00	10	0	--
Total Cadmium	µg/L	S9	WCA-3	Inflow	0.41	0.40	<0.30	0.225	0.59	0.13	1.40	10	0	--
Total Cadmium	µg/L	G204	WCA-3	Inflow	0.67	0.12	--	0.6665	--	0.58	0.75	2	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	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	Park	Inflow	0.24	0.13	<0.30	<0.30	0.38	<0.30	0.43	8	0	--
Total Cadmium	µg/L	S355A	WCA-3	Outflow	0.24	0.13	<0.30	<0.30	0.38	<0.30	0.43	8	0	--
Total Cadmium	µg/L	S355B	Park	Inflow	0.21	0.16	<0.30	<0.30	<0.30	<0.30	0.61	8	0	--
Total Cadmium	µg/L	S355B	WCA-3	Outflow	0.21	0.16	<0.30	<0.30	<0.30	<0.30	0.61	8	0	--
Total Cadmium	µg/L	S14	Park	Inflow	0.22	0.17	<0.30	<0.30	0.23	<0.30	0.67	9	0	--
Total Cadmium	µg/L	S14	WCA-3	Outflow	0.22	0.17	<0.30	<0.30	0.23	<0.30	0.67	9	0	--
Total Cadmium	µg/L	S175	Park	Inflow	0.27	0.28	<0.30	<0.30	0.30	0.08	1.00	9	0	--
Total Cadmium	µg/L	S18C	Park	Inflow	0.30	0.30	<0.30	<0.30	0.43	0.07	0.90	10	0	--
Total Cadmium	µg/L	S332	Park	Inflow	0.25	0.30	<0.30	<0.30	0.23	0.03	1.02	9	0	--
Total Cadmium	µg/L	S332D	Park	Inflow	0.52	0.57	<0.30	<0.30	1.11	0.10	1.62	10	0	--
Total Copper	µg/L	ACME1DS	Refuge	Inflow	3.0	2.5	<1.2	2.4	4.5	<1.2	8.2	9	0	--
Total Copper	µg/L	G94D	Refuge	Inflow	3.7	2.5	1.6	3.8	5.1	<1.2	8.2	8	0	--
Total Copper	µg/L	S38B	WCA-2	Inflow	2.2	1.7	<1.2	2.6	3.7	<1.2	4.8	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Copper	µg/L	S7	WCA-2	Inflow	1.6	--	--	1.6	--	1.6	1.6	1	0	--
Total Copper	µg/L	E0	WCA-2	Inflow	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F0	WCA-2	Inflow	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	404C2	WCA-2	Interior	1.6	0.82	1.3	1.5	1.5	<1.2	3.7	23	0	--
Total Copper	µg/L	404Z1	WCA-2	Interior	1.5	0.73	1.3	1.5	1.5	<1.2	3.5	26	0	--
Total Copper	µg/L	F1	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F2	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F4	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	N1	WCA-2	Interior	1.6	0.75	1.3	1.5	1.5	<1.2	3.7	26	0	--
Total Copper	µg/L	E1	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E2	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E3	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E4	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E5	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F3	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F5	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	U1	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	U2	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	U3	WCA-2	Interior	<3.0	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	S8	WCA-3	Inflow	2.4	1.9	<1.2	1.7	4.8	<1.2	6.1	11	0	--
Total Copper	µg/L	G205	WCA-3	Inflow	1.6	0.86	<1.2	2.0	2.2	<1.2	2.2	3	0	--
Total Copper	µg/L	G206	WCA-3	Inflow	2.3	2.0	<1.2	1.8	4.4	<1.2	5.1	4	0	--
Total Copper	µg/L	G123	WCA-3	Inflow	2.4	2.2	<1.2	1.6	4.4	<1.2	6.7	10	0	--
Total Copper	µg/L	S140	WCA-3	Inflow	1.6	1.1	<1.2	1.3	2.7	<1.2	3.0	9	0	--
Total Copper	µg/L	S190	WCA-3	Inflow	1.8	0.98	<1.2	2.0	2.7	<1.2	2.9	9	0	--
Total Copper	µg/L	S9	WCA-3	Inflow	2.5	1.6	1.1	2.1	4.1	<1.2	5.3	10	0	--
Total Copper	µg/L	G204	WCA-3	Inflow	4.4	2.0	--	4.4	--	3.0	5.8	2	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Copper	µg/L	S333	Park	Inflow	1.5	1.5	<1.2	<1.2	1.8	<1.2	5.6	10	0	--
Total Copper	µg/L	S333	WCA-3	Outflow	1.5	1.5	<1.2	<1.2	1.8	<1.2	5.6	10	0	--
Total Copper	µg/L	S355A	Park	Inflow	0.9	0.50	<1.2	<1.2	1.2	<1.2	1.9	8	0	--
Total Copper	µg/L	S355A	WCA-3	Outflow	0.9	0.50	<1.2	<1.2	1.2	<1.2	1.9	8	0	--
Total Copper	µg/L	S355B	Park	Inflow	1.1	0.97	<1.2	<1.2	1.4	<1.2	3.3	8	0	--
Total Copper	µg/L	S355B	WCA-3	Outflow	1.1	0.97	<1.2	<1.2	1.4	<1.2	3.3	8	0	--
Total Copper	µg/L	S14	Park	Inflow	0.7	0.41	<1.2	<1.2	<1.2	<1.2	1.8	9	0	--
Total Copper	µg/L	S14	WCA-3	Outflow	0.7	0.41	<1.2	<1.2	<1.2	<1.2	1.8	9	0	--
Total Copper	µg/L	S175	Park	Inflow	1.1	1.2	<1.2	<1.2	1.3	<1.2	4.1	9	0	--
Total Copper	µg/L	S18C	Park	Inflow	1.2	0.52	<1.2	1.4	1.5	<1.2	2.0	10	0	--
Total Copper	µg/L	S332	Park	Inflow	0.9	0.47	<1.2	<1.2	1.4	<1.2	1.8	9	0	--
Total Copper	µg/L	S332D	Park	Inflow	1.0	0.75	<1.2	<1.2	1.6	<1.2	2.4	10	0	--
Total Iron	µg/L	ACME1DS	Refuge	Inflow	150.0	91	97	125	250	38	321	19	0	--
Total Iron	µg/L	G94D	Refuge	Inflow	340.2	262	139.87	214	609	44	858	21	0	--
Total Iron	µg/L	S5AD	Refuge	Rim	63.2	13	51.5	63	75	48	79	4	0	--
Total Iron	µg/L	S6D	Refuge	Rim	43.3	33	23	26	81	23	81	3	0	--
Total Iron	µg/L	X0	Refuge	Rim	13.9	8.3	7.7	13	18	5.0	44	47	0	NC
Total Iron	µg/L	Z0	Refuge	Rim	13.9	8.7	5	12	18	5.0	42	47	0	NC
Total Iron	µg/L	LOX3	Refuge	Interior	82.3	22	64.72	82	100	61	118	5	0	--
Total Iron	µg/L	LOX4	Refuge	Interior	58.9	35	36.5	51	72	26	154	12	0	--
Total Iron	µg/L	LOX5	Refuge	Interior	90.1	75	35.57	65	139	35	233	6	0	--
Total Iron	µg/L	LOX6	Refuge	Interior	82.5	61	49	59	110	18	270	15	0	--
Total Iron	µg/L	LOX7	Refuge	Interior	107.1	32	81	92	145	63	153	15	0	--
Total Iron	µg/L	LOX8	Refuge	Interior	48.8	17	35.07	49	60	26	80	17	0	--
Total Iron	µg/L	LOX9	Refuge	Interior	40.2	16	25.42	42	49	20	73	9	0	--
Total Iron	µg/L	LOX10	Refuge	Interior	33.4	20	19.43	27	42	13	79	10	0	--
Total Iron	µg/L	LOX11	Refuge	Interior	102.4	44	60.5	100	137	51	191	17	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Iron	µg/L	LOX12	Refuge	Interior	26.2	40	10	16	30	7.0	187	19	0	--
Total Iron	µg/L	LOX13	Refuge	Interior	111.6	37	85.75	113	131	55	184	12	0	--
Total Iron	µg/L	LOX14	Refuge	Interior	67.5	32	46.58	56	87	28	144	16	0	--
Total Iron	µg/L	LOX15	Refuge	Interior	3.7	2.5	<3.0	4	5.1	<3.0	10	18	0	--
Total Iron	µg/L	LOX16	Refuge	Interior	119.6	60	77.87	92	164	50	271	18	0	--
Total Iron	µg/L	X1	Refuge	Interior	8.4	4.7	5	5.0	12	2.5	22	42	0	NC
Total Iron	µg/L	X2	Refuge	Interior	5.9	3.0	5	5.0	5.0	2.5	18	45	0	NC
Total Iron	µg/L	X3	Refuge	Interior	10.7	9.2	5	8	12	2.5	48	47	0	NC
Total Iron	µg/L	X4	Refuge	Interior	35.2	37	15	24	42	5.0	172	47	0	NC
Total Iron	µg/L	Y4	Refuge	Interior	14.2	9.4	5	12	23	5.0	37	46	0	NC
Total Iron	µg/L	Z1	Refuge	Interior	8.2	5.8	5	5.0	11	2.5	27	45	0	NC
Total Iron	µg/L	Z2	Refuge	Interior	9.6	20	5	5	6.6	2.5	131	44	0	NC
Total Iron	µg/L	Z3	Refuge	Interior	7.3	4.4	5	5.0	9.0	2.5	25	47	0	NC
Total Iron	µg/L	Z4	Refuge	Interior	12.1	8.3	5	9.7	19	5.0	44	46	0	NC
Total Iron	µg/L	G94B	Refuge	Outflow	114.4	111	42.64	89	110	18	418	15	0	--
Total Iron	µg/L	S10A	Refuge	Outflow	37.7	53	9.02	14	52	4.0	236	20	0	--
Total Iron	µg/L	S10A	WCA-2	Inflow	37.7	53	9.02	14	52	4.0	236	20	0	--
Total Iron	µg/L	S10C	Refuge	Outflow	34.8	49	8	20	34	3.0	184	21	0	--
Total Iron	µg/L	S10C	WCA-2	Inflow	34.8	49	8	20	34	3.0	184	21	0	--
Total Iron	µg/L	S10D	Refuge	Outflow	98.3	130	23.49	51	98	8.0	525	20	0	--
Total Iron	µg/L	S10D	WCA-2	Inflow	98.3	130	23.49	51	98	8.0	525	20	0	--
Total Iron	µg/L	S10E	Refuge	Outflow	33.1	4.6	28.76	33	38	28	38	4	0	--
Total Iron	µg/L	S10E	WCA-2	Inflow	33.1	4.6	28.76	33	38	28	38	4	0	--
Total Iron	µg/L	S39	Refuge	Outflow	11.9	3.1	9.75	13	14	6.0	15	6	0	--
Total Iron	µg/L	S38B	WCA-2	Inflow	91.2	82	35.04	74	122	12	313	14	0	--
Total Iron	µg/L	S7	WCA-2	Inflow	63.7	60	28.8	44	65	20	240	18	0	--
Total Iron	µg/L	E0	WCA-2	Inflow	18.6	9.8	12.5	19	25	3.5	50	45	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Iron	µg/L	F0	WCA-2	Inflow	20.2	13	12.5	19	26	2.5	79	45	0	NC
Total Iron	µg/L	404C2	WCA-2	Interior	12.4	9.8	5	9	18	2.5	45	45	0	NC
Total Iron	µg/L	404Z1	WCA-2	Interior	16.5	8.6	10	15	22	5.0	38	36	0	NC
Total Iron	µg/L	F1	WCA-2	Interior	11.5	8.3	5	9.4	14	5.0	48	42	0	NC
Total Iron	µg/L	F2	WCA-2	Interior	9.1	9.1	5	5	11	<3.0	58	50	0	NC
Total Iron	µg/L	F4	WCA-2	Interior	6.6	3.4	5	5.0	8.7	<3.0	15	46	0	NC
Total Iron	µg/L	N1	WCA-2	Interior	15.1	11	6	11	19	5.0	55	48	0	NC
Total Iron	µg/L	CA215	WCA-2	Interior	8.3	5.2	3.82	7.1	12	<3.0	18	14	0	--
Total Iron	µg/L	CA27	WCA-2	Interior	10.8	8.0	7.75	9	11	4.0	35	12	0	--
Total Iron	µg/L	CA28	WCA-2	Interior	27.3	16	15.5	21	36	11	61	10	0	--
Total Iron	µg/L	CA29	WCA-2	Interior	13.8	6.5	8.74	13	17	6.0	27	12	0	--
Total Iron	µg/L	E1	WCA-2	Interior	16.6	20	5	13	17	5.0	111	34	0	NC
Total Iron	µg/L	E2	WCA-2	Interior	9.2	4.9	5	8.3	12	5.0	26	28	0	NC
Total Iron	µg/L	E3	WCA-2	Interior	8.8	7.4	5	5.0	10	3.3	38	33	0	NC
Total Iron	µg/L	E4	WCA-2	Interior	9.1	4.9	5	8.0	13	5.0	23	29	0	NC
Total Iron	µg/L	E5	WCA-2	Interior	8.9	5.3	5	5.0	13	2.6	20	35	0	NC
Total Iron	µg/L	F3	WCA-2	Interior	6.4	4.8	5	5.0	5.0	<3.0	31	43	0	NC
Total Iron	µg/L	F5	WCA-2	Interior	6.5	4.2	5	5.0	5.0	<3.0	18	35	0	NC
Total Iron	µg/L	U1	WCA-2	Interior	6.7	3.5	5	5.0	9.8	<3.0	15	34	0	NC
Total Iron	µg/L	U2	WCA-2	Interior	7.6	3.6	5	5.6	11	2.5	15	33	0	NC
Total Iron	µg/L	U3	WCA-2	Interior	8.8	5.0	5	8.0	12	2.5	23	34	0	NC
Total Iron	µg/L	S11B	WCA-2	Outflow	31.4	20	12.09	25	48	10	65	20	0	--
Total Iron	µg/L	S11B	WCA-3	Inflow	31.4	20	12.09	25	48	10	65	20	0	--
Total Iron	µg/L	S11C	WCA-2	Outflow	48.8	61	22.34	27	56	11	304	21	0	--
Total Iron	µg/L	S11C	WCA-3	Inflow	48.8	61	22.34	27	56	11	304	21	0	--
Total Iron	µg/L	S8	WCA-3	Inflow	131.9	85	61.61	98	205	20	321	29	0	NC
Total Iron	µg/L	G205	WCA-3	Inflow	175.9	129	83.82	139	273	57	424	9	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Iron	µg/L	G206	WCA-3	Inflow	154.9	107	72.76	129	274	42	321	8	0	--
Total Iron	µg/L	G123	WCA-3	Inflow	102.7	101	41.75	51	148	29	393	18	0	--
Total Iron	µg/L	S140	WCA-3	Inflow	183.6	85	95	182	264	70	312	22	0	--
Total Iron	µg/L	S190	WCA-3	Inflow	172.4	110	75.25	146	237	50	383	22	0	--
Total Iron	µg/L	S9	WCA-3	Inflow	444.6	154	301.35	417	579	160	659	19	0	--
Total Iron	µg/L	S150	WCA-3	Inflow	61.8	32	40.8	59	78	25	148	19	0	--
Total Iron	µg/L	G204	WCA-3	Inflow	303.6	191	96.39	330	451	76	573	6	0	--
Total Iron	µg/L	3AE0	WCA-3	Inflow	64.6	67	17	34	117	5.0	271	43	0	NC
Total Iron	µg/L	3AW0	WCA-3	Inflow	60.2	67	14.63	30	106	5.0	290	44	0	NC
Total Iron	µg/L	CA311	WCA-3	Interior	134.5	55	85.72	132	187	46	207	15	0	--
Total Iron	µg/L	CA315	WCA-3	Interior	231.6	160	95.47	194	333	22	586	16	0	--
Total Iron	µg/L	CA316	WCA-3	Interior	7.7	5.5	4	7.0	10	<3.0	22	15	0	--
Total Iron	µg/L	CA317	WCA-3	Interior	7.9	7.6	4	5.5	9.3	<3.0	35	18	0	--
Total Iron	µg/L	CA318	WCA-3	Interior	19.7	18	6	13	32	<3.0	56	16	0	--
Total Iron	µg/L	CA32	WCA-3	Interior	96.2	55	58.5	86	139	11	194	9	0	--
Total Iron	µg/L	CA33	WCA-3	Interior	119.7	61	74.2	111	154	47	240	10	0	--
Total Iron	µg/L	CA34	WCA-3	Interior	91.2	69	42.09	57	150	14	241	11	0	--
Total Iron	µg/L	CA35	WCA-3	Interior	135.0	55	91.43	130	181	53	221	8	0	--
Total Iron	µg/L	CA36	WCA-3	Interior	121.0	48	83.13	137	148	40	200	9	0	--
Total Iron	µg/L	CA38	WCA-3	Interior	209.5	114	110	238	262	30	460	11	0	--
Total Iron	µg/L	3AE05	WCA-3	Interior	127.8	69	68.1	130	164	30	286	23	0	--
Total Iron	µg/L	3AE10	WCA-3	Interior	140.1	73	84.13	130	179	34	304	30	0	NC
Total Iron	µg/L	3AE15	WCA-3	Interior	166.6	83	103.25	160	224	42	368	34	0	NC
Total Iron	µg/L	3AE20	WCA-3	Interior	139.4	76	71	139	209	18	363	39	0	NC
Total Iron	µg/L	3AE40	WCA-3	Interior	62.2	72	26	40	68	5.0	402	36	0	NC
Total Iron	µg/L	3ANMESO	WCA-3	Interior	119.2	82	62.83	92	154	14	416	42	0	NC
Total Iron	µg/L	3ASMESO	WCA-3	Interior	106.3	73	65.7	85	122	15	316	86	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Iron	µg/L	3AW05	WCA-3	Interior	114.4	55	65	112	148	34	246	26	0	--
Total Iron	µg/L	3AW10	WCA-3	Interior	154.3	70	107	147	190	55	327	33	0	NC
Total Iron	µg/L	3AW15	WCA-3	Interior	161.2	79	88	154	225	51	328	33	0	NC
Total Iron	µg/L	3AW20	WCA-3	Interior	176.5	75	113.5	183	232	50	347	33	0	NC
Total Iron	µg/L	3AW40	WCA-3	Interior	97.8	121	32.5	45	129	5.0	631	41	0	NC
Total Iron	µg/L	S334	WCA-3	Outflow	195.5	104	105.5	186	298	74	322	6	0	--
Total Iron	µg/L	S333	Park	Inflow	77.6	31	56.65	75	99	20	141	22	0	--
Total Iron	µg/L	S333	WCA-3	Outflow	77.6	31	56.65	75	99	20	141	22	0	--
Total Iron	µg/L	S355A	Park	Inflow	49.9	45	21.7	36	61	17	171	16	0	--
Total Iron	µg/L	S355A	WCA-3	Outflow	49.9	45	21.7	36	61	17	171	16	0	--
Total Iron	µg/L	S355B	Park	Inflow	91.8	31	58.9	97	120	49	142	16	0	--
Total Iron	µg/L	S355B	WCA-3	Outflow	91.8	31	58.9	97	120	49	142	16	0	--
Total Iron	µg/L	S12A	Park	Inflow	98.4	38	68.5	103	119	21	169	22	0	--
Total Iron	µg/L	S12A	WCA-3	Outflow	98.4	38	68.5	103	119	21	169	22	0	--
Total Iron	µg/L	S12B	Park	Inflow	93.4	35	80	97	118	21	177	19	0	--
Total Iron	µg/L	S12B	WCA-3	Outflow	93.4	35	80	97	118	21	177	19	0	--
Total Iron	µg/L	S12C	Park	Inflow	113.4	44	89.15	111	147	23	203	16	0	--
Total Iron	µg/L	S12C	WCA-3	Outflow	113.4	44	89.15	111	147	23	203	16	0	--
Total Iron	µg/L	S12D	Park	Inflow	96.5	58	39	93	145	24	189	8	0	--
Total Iron	µg/L	S12D	WCA-3	Outflow	96.5	58	39	93	145	24	189	8	0	--
Total Iron	µg/L	S344	WCA-3	Outflow	103.6	61	66.69	89	127	26	276	16	0	--
Total Iron	µg/L	S14	Park	Inflow	118.2	78	--	118	--	63	173	2	0	--
Total Iron	µg/L	S14	WCA-3	Outflow	118.2	78	--	118	--	63	173	2	0	--
Total Iron	µg/L	S175	Park	Inflow	237.7	226	113.88	194	246	64	909	21	0	--
Total Iron	µg/L	S18C	Park	Inflow	141.1	116	29.2	152	243	16	351	23	0	--
Total Iron	µg/L	S332	Park	Inflow	255.3	133	152.97	235	376	65	555	18	0	--
Total Iron	µg/L	S332D	Park	Inflow	283.9	114	196.27	275	373	98	527	21	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Total Lead	µg/L	S8	WCA-3	Inflow	<0.8	--	<0.8	<0.8	<0.8	<0.24	<0.8	6	0	--
Total Lead	µg/L	G205	WCA-3	Inflow	<0.8	--	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	G206	WCA-3	Inflow	<0.8	--	--	<0.8	--	<0.8	<0.8	2	0	--
Total Nickel	µg/L	S8	WCA-3	Inflow	1.17	1.84	<0.5	<0.5	1.75	<0.5	4.89	6	0	--
Total Nickel	µg/L	G205	WCA-3	Inflow	0.53	0.40	--	0.534	--	<0.5	0.82	2	0	--
Total Nickel	µg/L	G206	WCA-3	Inflow	<0.5	--	--	<0.5	--	<0.5	<0.5	2	0	--
Total Selenium	µg/L	S8	WCA-3	Inflow	<1.0	0.45	<1.0	<1.0	1.26	<1.0	1.52	6	0	--
Total Selenium	µg/L	G205	WCA-3	Inflow	<1.0	--	--	<1.0	--	<1.0	<1.0	2	0	--
Total Selenium	µg/L	G206	WCA-3	Inflow	<1.0	--	--	<1.0	--	<1.0	<1.0	2	0	--
Total Selenium	µg/L	S334	WCA-3	Outflow	2.00	--	--	2.00	--	2.00	2.00	1	0	--
Total Silver	µg/L	S8	WCA-3	Inflow	0.02	0.013	<0.02	<0.02	0.02	<0.02	0.04	6	0	--
Total Silver	µg/L	G205	WCA-3	Inflow	<0.02	--	--	<0.02	--	<0.02	<0.02	2	0	--
Total Silver	µg/L	G206	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	S8	WCA-3	Inflow	<0.30	--	<0.30	<0.30	<0.30	<0.30	<0.30	6	0	--
Total Thallium	µg/L	G205	WCA-3	Inflow	<0.30	--	--	<0.30	--	<0.30	<0.30	2	0	--
Total Thallium	µg/L	G206	WCA-3	Inflow	<0.30	--	--	<0.30	--	<0.30	<0.30	2	0	--
Total Thallium	µg/L	S334	WCA-3	Outflow	<0.30	--	--	<0.30	--	<0.30	<0.30	1	0	--
Total Zinc	µg/L	ACME1DS	Refuge	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	9	0	--
Total Zinc	µg/L	G94D	Refuge	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	9	0	--
Total Zinc	µg/L	S38B	WCA-2	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	5	0	--
Total Zinc	µg/L	S7	WCA-2	Inflow	<4.0	--	--	<4.0	--	<4.0	<4.0	1	0	--
Total Zinc	µg/L	404C2	WCA-2	Interior	4.5	7.0	<4.0	<4.0	4.4	<4.0	33.2	20	0	--
Total Zinc	µg/L	404Z1	WCA-2	Interior	<4.0	1.9	<4.0	<4.0	4.2	<4.0	7.7	23	0	--
Total Zinc	µg/L	N1	WCA-2	Interior	<4.0	1.5	<4.0	<4.0	4.1	<4.0	6.0	23	0	--
Total Zinc	µg/L	S8	WCA-3	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	11	0	--
Total Zinc	µg/L	G205	WCA-3	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	3	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
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	G123	WCA-3	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S140	WCA-3	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	9	0	--
Total Zinc	µg/L	S190	WCA-3	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	9	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	G204	WCA-3	Inflow	11.3	13.1	--	11.3	--	<4.0	20.6	2	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	S333	WCA-3	Outflow	<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	8	0	--
Total Zinc	µg/L	S355A	WCA-3	Outflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	8	0	--
Total Zinc	µg/L	S355B	Park	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	8	0	--
Total Zinc	µg/L	S355B	WCA-3	Outflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	8	0	--
Total Zinc	µg/L	S14	Park	Inflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	9	0	--
Total Zinc	µg/L	S14	WCA-3	Outflow	<4.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	9	0	--
Total Zinc	µg/L	S175	Park	Inflow	<4.0	1.3	<4.0	<4.0	<4.0	<4.0	5.2	9	0	--
Total Zinc	µg/L	S18C	Park	Inflow	<4.0	1.4	<4.0	<4.0	<4.0	<4.0	5.8	10	0	--
Total Zinc	µg/L	S332	Park	Inflow	<4.0	1.3	<4.0	<4.0	<4.0	<4.0	5.3	9	0	--
Total Zinc	µg/L	S332D	Park	Inflow	<4.0	2.3	<4.0	<4.0	<4.0	<4.0	8.7	10	0	--
Turbidity	NTU	ACME1DS	Refuge	Inflow	4.11	2.26	2.75	3.70	5.21	0.77	15.8	69	0	NC
Turbidity	NTU	G94D	Refuge	Inflow	5.25	3.54	3.00	4.20	6.60	1.36	22.3	73	0	NC
Turbidity	NTU	ENR012	Refuge	Inflow	2.15	1.44	1.10	1.81	2.65	0.42	8.60	129	0	NC
Turbidity	NTU	G310	Refuge	Inflow	4.78	4.65	2.32	3.41	5.02	0.43	36.8	129	0.8±1.3	MC
Turbidity	NTU	S5AD	Refuge	Rim	9.20	7.41	2.67	8.03	16.8	0.82	20.9	12	0	--
Turbidity	NTU	S6D	Refuge	Rim	5.76	4.05	2.63	3.48	10.4	2.20	12.0	8	0	--
Turbidity	NTU	LOXA104	Refuge	Rim	5.14	3.78	2.20	3.60	7.17	1.50	14.7	22	0	--
Turbidity	NTU	LOXA135	Refuge	Rim	8.19	4.80	3.80	7.20	12.9	1.80	19.0	23	0	--
Turbidity	NTU	LOX3	Refuge	Interior	1.11	0.30	0.96	1.07	1.13	0.80	2.00	12	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Turbidity	NTU	LOX4	Refuge	Interior	1.20	2.05	0.51	0.74	1.00	0.05	12.3	35	0	NC
Turbidity	NTU	LOX5	Refuge	Interior	1.71	1.51	0.90	1.11	1.30	0.78	6.20	15	0	--
Turbidity	NTU	LOX6	Refuge	Interior	0.67	0.21	0.53	0.60	0.79	0.35	1.33	48	0	NC
Turbidity	NTU	LOX7	Refuge	Interior	0.96	0.51	0.62	0.88	1.10	0.44	3.20	44	0	NC
Turbidity	NTU	LOX8	Refuge	Interior	1.05	0.61	0.64	0.90	1.20	0.44	3.10	51	0	NC
Turbidity	NTU	LOX9	Refuge	Interior	0.91	0.78	0.52	0.64	0.95	0.37	4.20	25	0	--
Turbidity	NTU	LOX10	Refuge	Interior	1.07	1.43	0.52	0.70	0.90	0.34	7.40	27	0	--
Turbidity	NTU	LOX11	Refuge	Interior	0.84	0.45	0.60	0.77	0.97	0.40	3.40	46	0	NC
Turbidity	NTU	LOX12	Refuge	Interior	1.06	3.31	0.44	0.54	0.70	0.30	25.5	57	0	NC
Turbidity	NTU	LOX13	Refuge	Interior	1.10	0.84	0.75	0.87	1.10	0.44	4.98	38	0	NC
Turbidity	NTU	LOX14	Refuge	Interior	0.56	0.18	0.45	0.51	0.62	0.29	1.10	52	0	NC
Turbidity	NTU	LOX15	Refuge	Interior	0.58	0.22	0.43	0.50	0.60	0.31	1.59	54	0	NC
Turbidity	NTU	LOX16	Refuge	Interior	0.63	0.29	0.44	0.57	0.68	0.30	2.10	53	0	NC
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	2.92	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	3.52	3.25	1.58	2.71	3.88	0.70	17.0	60	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Turbidity	NTU	S10A	Refuge	Outflow	2.31	2.51	1.19	1.60	2.30	0.70	13.8	31	0	NC
Turbidity	NTU	S10A	WCA-2	Inflow	2.31	2.51	1.19	1.60	2.30	0.70	13.8	31	0	NC
Turbidity	NTU	S10C	Refuge	Outflow	2.29	2.02	1.00	1.61	2.75	0.60	8.20	28	0	NC
Turbidity	NTU	S10C	WCA-2	Inflow	2.29	2.02	1.00	1.61	2.75	0.60	8.20	28	0	NC
Turbidity	NTU	S10D	Refuge	Outflow	6.45	7.71	2.40	4.60	6.90	0.88	55.8	68	1.5±2.4	MC
Turbidity	NTU	S10D	WCA-2	Inflow	6.45	7.71	2.40	4.60	6.90	0.88	55.8	68	1.5±2.4	MC
Turbidity	NTU	S10E	Refuge	Outflow	6.64	8.64	3.03	3.86	6.24	1.50	48.6	45	4.4±5.1	MC
Turbidity	NTU	S10E	WCA-2	Inflow	6.64	8.64	3.03	3.86	6.24	1.50	48.6	45	4.4±5.1	MC
Turbidity	NTU	S39	Refuge	Outflow	1.91	1.44	1.04	1.60	2.26	0.59	11.1	80	0	NC
Turbidity	NTU	S38B	WCA-2	Inflow	1.41	1.48	0.61	0.83	1.45	0.44	5.92	14	0	--
Turbidity	NTU	S7	WCA-2	Inflow	3.57	2.96	1.70	2.74	3.71	0.64	15.5	79	0	NC
Turbidity	NTU	G335	WCA-2	Inflow	2.59	3.87	1.00	1.27	2.43	0.50	31.5	126	0.8±1.3	MC
Turbidity	NTU	G339	WCA-2	Inflow	16.3	--	--	16.3	--	16.3	16.3	1	0	--
Turbidity	NTU	F1	WCA-2	Interior	2.19	2.03	0.98	1.65	2.60	0.48	13.6	54	0	NC
Turbidity	NTU	F2	WCA-2	Interior	2.39	3.12	0.70	1.13	2.38	0.45	16.4	72	0	NC
Turbidity	NTU	F4	WCA-2	Interior	0.69	0.34	0.49	0.60	0.80	0.34	2.50	75	0	NC
Turbidity	NTU	CA215	WCA-2	Interior	0.68	0.25	0.50	0.60	0.80	0.40	1.74	80	0	NC
Turbidity	NTU	CA27	WCA-2	Interior	0.65	0.28	0.50	0.60	0.70	0.35	2.30	77	0	NC
Turbidity	NTU	CA28	WCA-2	Interior	1.40	1.03	0.80	1.06	1.60	0.51	6.56	68	0	NC
Turbidity	NTU	CA29	WCA-2	Interior	0.67	0.20	0.50	0.64	0.77	0.24	1.20	77	0	NC
Turbidity	NTU	S145	WCA-2	Interior	1.56	2.66	0.60	0.90	1.64	0.35	23.2	82	0	NC
Turbidity	NTU	S144	WCA-2	Interior	2.37	--	--	2.37	--	2.37	2.37	1	0	--
Turbidity	NTU	S146	WCA-2	Interior	3.72	--	--	3.72	--	3.72	3.72	1	0	--
Turbidity	NTU	S11B	WCA-2	Outflow	1.92	1.54	0.82	1.10	2.65	0.53	6.00	49	0	NC
Turbidity	NTU	S11B	WCA-3	Inflow	1.92	1.54	0.82	1.10	2.65	0.53	6.00	49	0	NC
Turbidity	NTU	S11C	WCA-2	Outflow	2.54	2.35	1.18	1.95	3.05	0.50	17.3	78	0	NC
Turbidity	NTU	S11C	WCA-3	Inflow	2.54	2.35	1.18	1.95	3.05	0.50	17.3	78	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Turbidity	NTU	S11A	WCA-2	Outflow	2.11	1.65	0.91	1.50	2.92	0.21	8.80	86	0	NC
Turbidity	NTU	S11A	WCA-3	Inflow	2.11	1.65	0.91	1.50	2.92	0.21	8.80	86	0	NC
Turbidity	NTU	S34	WCA-2	Outflow	2.05	1.62	1.02	1.63	2.60	0.37	12.8	88	0	NC
Turbidity	NTU	S38	WCA-2	Outflow	1.34	1.00	0.65	1.05	1.60	0.36	5.90	82	0	NC
Turbidity	NTU	S8	WCA-3	Inflow	4.32	3.07	2.40	3.17	5.33	1.00	16.6	90	0	NC
Turbidity	NTU	G123	WCA-3	Inflow	1.95	1.08	1.19	1.71	2.52	0.59	7.00	62	0	NC
Turbidity	NTU	S140	WCA-3	Inflow	2.02	0.86	1.39	1.80	2.60	0.80	5.40	90	0	NC
Turbidity	NTU	S190	WCA-3	Inflow	2.25	1.10	1.52	2.00	2.60	0.98	6.51	81	0	NC
Turbidity	NTU	S9	WCA-3	Inflow	4.30	3.25	2.75	3.80	4.65	0.34	21.8	75	0	NC
Turbidity	NTU	S150	WCA-3	Inflow	3.07	2.93	1.54	2.20	3.63	0.65	20.2	65	0	NC
Turbidity	NTU	C123SR84	WCA-3	Inflow	3.31	3.77	1.39	2.15	3.88	0.60	29.1	76	1.3±2.2	MC
Turbidity	NTU	S142	WCA-3	Inflow	2.19	1.11	1.24	2.07	2.90	0.50	6.33	99	0	NC
Turbidity	NTU	S151	WCA-3	Inflow	2.16	1.44	1.19	1.60	3.09	0.60	7.30	76	0	NC
Turbidity	NTU	CA311	WCA-3	Interior	0.68	0.44	0.41	0.57	0.77	0.26	3.30	90	0	NC
Turbidity	NTU	CA315	WCA-3	Interior	0.83	0.78	0.42	0.60	1.00	0.26	7.20	106	0	NC
Turbidity	NTU	CA316	WCA-3	Interior	0.78	0.59	0.54	0.64	0.80	0.30	5.22	102	0	NC
Turbidity	NTU	CA317	WCA-3	Interior	0.59	0.27	0.41	0.50	0.67	0.30	1.90	122	0	NC
Turbidity	NTU	CA318	WCA-3	Interior	0.83	0.54	0.50	0.67	0.90	0.32	3.93	116	0	NC
Turbidity	NTU	CA32	WCA-3	Interior	0.62	0.20	0.49	0.60	0.68	0.37	1.57	63	0	NC
Turbidity	NTU	CA33	WCA-3	Interior	0.82	0.56	0.53	0.70	0.91	0.34	4.40	66	0	NC
Turbidity	NTU	CA34	WCA-3	Interior	0.75	0.42	0.50	0.62	0.80	0.35	2.60	67	0	NC
Turbidity	NTU	CA35	WCA-3	Interior	1.01	0.91	0.60	0.77	1.10	0.40	5.40	44	0	NC
Turbidity	NTU	CA36	WCA-3	Interior	1.74	1.27	0.85	1.36	2.40	0.46	5.40	37	0	NC
Turbidity	NTU	CA38	WCA-3	Interior	0.73	0.37	0.50	0.60	0.90	0.30	2.40	69	0	NC
Turbidity	NTU	S334	WCA-3	Outflow	1.95	1.74	1.08	1.40	2.20	0.60	13.0	87	0	NC
Turbidity	NTU	S333	Park	Inflow	1.57	1.25	0.80	1.19	2.00	0.30	7.96	104	0	NC
Turbidity	NTU	S333	WCA-3	Outflow	1.57	1.25	0.80	1.19	2.00	0.30	7.96	104	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Turbidity	NTU	S355A	Park	Inflow	4.51	12.25	0.72	1.20	2.30	0.42	71.4	51	5.9±5.4	MC
Turbidity	NTU	S355A	WCA-3	Outflow	4.51	12.25	0.72	1.20	2.30	0.42	71.4	51	5.9±5.4	MC
Turbidity	NTU	S355B	Park	Inflow	4.73	6.64	0.85	1.63	5.87	0.31	25.4	51	0	NC
Turbidity	NTU	S355B	WCA-3	Outflow	4.73	6.64	0.85	1.63	5.87	0.31	25.4	51	0	NC
Turbidity	NTU	S12A	Park	Inflow	1.06	0.91	0.60	0.83	1.14	0.40	4.85	76	0	NC
Turbidity	NTU	S12A	WCA-3	Outflow	1.06	0.91	0.60	0.83	1.14	0.40	4.85	76	0	NC
Turbidity	NTU	S12B	Park	Inflow	0.94	0.68	0.57	0.74	1.06	0.39	4.64	85	0	NC
Turbidity	NTU	S12B	WCA-3	Outflow	0.94	0.68	0.57	0.74	1.06	0.39	4.64	85	0	NC
Turbidity	NTU	S12C	Park	Inflow	1.08	0.71	0.60	0.90	1.20	0.34	4.30	88	0	NC
Turbidity	NTU	S12C	WCA-3	Outflow	1.08	0.71	0.60	0.90	1.20	0.34	4.30	88	0	NC
Turbidity	NTU	S12D	Park	Inflow	1.48	1.06	0.80	1.10	2.01	0.30	6.84	121	0	NC
Turbidity	NTU	S12D	WCA-3	Outflow	1.48	1.06	0.80	1.10	2.01	0.30	6.84	121	0	NC
Turbidity	NTU	S344	WCA-3	Outflow	1.39	1.26	0.60	0.88	1.52	0.46	4.00	18	0	--
Turbidity	NTU	S197	WCA-3	Outflow	4.29	6.47	1.03	1.90	6.35	0.80	17.4	6	0	--
Turbidity	NTU	S31	WCA-3	Outflow	1.55	0.68	1.08	1.40	1.98	0.70	3.53	40	0	NC
Turbidity	NTU	US41-25	WCA-3	Outflow	1.31	1.08	0.61	0.90	1.60	0.40	6.42	99	0	NC
Turbidity	NTU	S175	Park	Inflow	2.22	2.31	1.18	1.50	2.09	0.69	10.9	58	0	NC
Turbidity	NTU	S18C	Park	Inflow	1.69	1.08	1.03	1.50	2.08	0.50	8.70	95	0	NC
Turbidity	NTU	S332	Park	Inflow	2.27	1.73	1.26	2.00	2.63	0.69	12.2	54	0	NC
Turbidity	NTU	S332D	Park	Inflow	1.77	1.00	1.08	1.50	2.11	0.50	5.78	110	0	NC
Turbidity	NTU	EP	Park	Interior	0.68	0.44	0.40	0.50	0.92	0.29	2.12	33	0	NC
Turbidity	NTU	NE1	Park	Interior	2.12	2.53	0.80	1.40	2.08	0.28	13.8	55	0	NC
Turbidity	NTU	NP201	Park	Interior	1.95	2.25	0.60	0.90	2.83	0.30	11.6	55	0	NC
Turbidity	NTU	P33	Park	Interior	1.44	1.69	0.52	0.80	1.47	0.40	10.4	54	0	NC
Turbidity	NTU	P34	Park	Interior	1.14	0.98	0.62	0.80	1.07	0.40	4.60	39	0	NC
Turbidity	NTU	P35	Park	Interior	1.54	2.36	0.75	1.00	1.39	0.47	15.0	37	0	NC
Turbidity	NTU	P36	Park	Interior	3.38	4.68	1.00	1.60	3.82	0.57	24.6	54	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Turbidity	NTU	P37	Park	Interior	1.00	0.94	0.56	0.70	1.20	0.26	5.60	33	0	NC
Turbidity	NTU	TSB	Park	Interior	1.03	0.82	0.49	0.74	1.37	0.30	4.77	46	0	NC
Un-ionized ammonia	mg/L	ACME1DS	Refuge	Inflow	0.0018	0.0019	0.00039	0.0013	0.0026	0.000025	0.0080	68	0	NC
Un-ionized ammonia	mg/L	G94D	Refuge	Inflow	0.0011	0.00092	0.00041	0.00085	0.0016	0.000030	0.0037	72	0	NC
Un-ionized ammonia	mg/L	ENR012	Refuge	Inflow	0.0022	0.0020	0.00075	0.0015	0.0032	0.000027	0.0145	126	0	NC
Un-ionized ammonia	mg/L	G310	Refuge	Inflow	0.0038	0.0035	0.00131	0.0028	0.0053	0.00013	0.0211	127	0.8±1.3	MC
Un-ionized ammonia	mg/L	S5AD	Refuge	Rim	0.0020	0.0016	0.00113	0.0017	0.0027	0.000032	0.0052	7	0	--
Un-ionized ammonia	mg/L	S6D	Refuge	Rim	0.0039	0.0026	0.0020	0.0028	0.0068	0.0020	0.0068	3	0	--
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	0.0122	18	0	--
Un-ionized ammonia	mg/L	X0	Refuge	Rim	0.0014	0.0012	0.00052	0.0011	0.0018	0.00025	0.0074	55	0	NC
Un-ionized ammonia	mg/L	Z0	Refuge	Rim	0.0015	0.0018	0.00049	0.0011	0.0019	0.00021	0.0127	54	0	NC
Un-ionized ammonia	mg/L	LOX3	Refuge	Interior	0.00005	0.00005	0.00002	0.00004	0.00007	0.000005	0.00018	8	0	--
Un-ionized ammonia	mg/L	LOX4	Refuge	Interior	0.00003	0.00004	0.00001	0.00002	0.00005	0.000004	0.00017	31	0	NC
Un-ionized ammonia	mg/L	LOX5	Refuge	Interior	0.00001	0.000009	0.000007	0.00001	0.00002	0.000005	0.00004	11	0	--
Un-ionized ammonia	mg/L	LOX6	Refuge	Interior	0.00084	0.0046	0.00003	0.00005	0.00007	0.000003	0.0295	42	2.4±3.9	MC
Un-ionized ammonia	mg/L	LOX7	Refuge	Interior	0.00001	0.00001	0.000005	0.000009	0.00002	<0.000001	0.00006	39	0	NC
Un-ionized ammonia	mg/L	LOX8	Refuge	Interior	0.00002	0.00002	0.000005	0.000007	0.00002	<0.000001	0.00012	45	0	NC
Un-ionized ammonia	mg/L	LOX9	Refuge	Interior	0.00003	0.00003	0.000008	0.00002	0.00004	0.000004	0.00014	20	0	--
Un-ionized ammonia	mg/L	LOX10	Refuge	Interior	0.00003	0.00005	0.000009	0.00002	0.00004	<0.000001	0.00025	22	0	--
Un-ionized ammonia	mg/L	LOX11	Refuge	Interior	0.00002	0.00003	0.000004	0.000008	0.00002	0.000002	0.00014	41	0	NC
Un-ionized ammonia	mg/L	LOX12	Refuge	Interior	0.00019	0.00056	0.00003	0.00005	0.00010	0.000011	0.0031	51	0	NC
Un-ionized ammonia	mg/L	LOX13	Refuge	Interior	0.00009	0.00039	0.000005	0.00001	0.00002	0.000001	0.0023	34	0	NC
Un-ionized ammonia	mg/L	LOX14	Refuge	Interior	0.00003	0.00012	0.000008	0.00001	0.00002	0.000003	0.00082	45	0	NC
Un-ionized ammonia	mg/L	LOX15	Refuge	Interior	0.00033	0.00077	0.00007	0.00015	0.00032	0.000012	0.0053	48	0	NC
Un-ionized ammonia	mg/L	LOX16	Refuge	Interior	0.00005	0.00020	0.000008	0.00001	0.00002	0.000003	0.0014	46	0	NC
Un-ionized ammonia	mg/L	LOXA101	Refuge	Interior	0.00011	0.00005	0.00007	0.00010	0.00017	0.000046	0.00018	7	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	LOXA103	Refuge	Interior	0.00007	0.00005	0.00002	0.00005	0.00012	0.000011	0.00015	6	0	--
Un-ionized ammonia	mg/L	LOXA105	Refuge	Interior	0.00009	0.00009	0.00002	0.00005	0.00016	0.000007	0.00028	9	0	--
Un-ionized ammonia	mg/L	LOXA106	Refuge	Interior	0.00006	0.00006	0.00001	0.00002	0.00013	0.000007	0.00015	6	0	--
Un-ionized ammonia	mg/L	LOXA107	Refuge	Interior	0.00007	0.00005	0.00003	0.00006	0.00012	0.000031	0.00012	3	0	--
Un-ionized ammonia	mg/L	LOXA108	Refuge	Interior	0.00003	0.00002	0.00001	0.00002	0.00005	0.000014	0.00006	4	0	--
Un-ionized ammonia	mg/L	LOXA124	Refuge	Interior	0.00002	0.00001	0.000006	0.00001	0.00003	0.000003	0.00003	10	0	--
Un-ionized ammonia	mg/L	LOXA130	Refuge	Interior	0.00005	0.00006	0.00001	0.00001	0.00007	0.000011	0.00021	12	0	--
Un-ionized ammonia	mg/L	LOXA136	Refuge	Interior	0.00031	0.00047	0.00003	0.00011	0.00068	0.000025	0.0011	5	0	--
Un-ionized ammonia	mg/L	LOXA137	Refuge	Interior	0.00005	0.00006	0.00001	0.00003	0.00005	0.000009	0.00020	12	0	--
Un-ionized ammonia	mg/L	LOXA138	Refuge	Interior	0.00008	0.00008	0.00002	0.00004	0.00018	0.000014	0.00019	7	0	--
Un-ionized ammonia	mg/L	LOXA139	Refuge	Interior	0.00002	0.00001	0.000009	0.00002	0.00004	0.000008	0.00004	4	0	--
Un-ionized ammonia	mg/L	LOXA140	Refuge	Interior	0.00010	0.00007	0.00005	0.00008	0.00014	0.000047	0.00023	6	0	--
Un-ionized ammonia	mg/L	X1	Refuge	Interior	0.00054	0.0012	0.00013	0.00027	0.00049	0.000060	0.0085	47	0	NC
Un-ionized ammonia	mg/L	X2	Refuge	Interior	0.00017	0.00017	0.00005	0.00013	0.00024	0.000022	0.00096	50	0	NC
Un-ionized ammonia	mg/L	X3	Refuge	Interior	0.00016	0.00017	0.00004	0.00011	0.00021	0.000011	0.00082	51	0	NC
Un-ionized ammonia	mg/L	X4	Refuge	Interior	0.00025	0.00033	0.00004	0.00010	0.00034	0.000009	0.0014	53	0	NC
Un-ionized ammonia	mg/L	Y4	Refuge	Interior	0.00015	0.00019	0.00005	0.00010	0.00019	0.000010	0.0011	52	0	NC
Un-ionized ammonia	mg/L	Z1	Refuge	Interior	0.0010	0.0046	0.00018	0.00025	0.00053	0.000084	0.0329	50	2.0±3.3	MC
Un-ionized ammonia	mg/L	Z2	Refuge	Interior	0.00020	0.00012	0.00011	0.00015	0.00029	0.000043	0.00054	47	0	NC
Un-ionized ammonia	mg/L	Z3	Refuge	Interior	0.00058	0.0024	0.00014	0.00022	0.00033	0.000040	0.0183	55	0	NC
Un-ionized ammonia	mg/L	Z4	Refuge	Interior	0.00032	0.0014	0.00006	0.00012	0.00021	0.000013	0.0101	54	0	NC
Un-ionized ammonia	mg/L	G94B	Refuge	Outflow	0.00099	0.0020	0.00010	0.00032	0.00093	0.000019	0.0128	62	0	NC
Un-ionized ammonia	mg/L	S10A	Refuge	Outflow	0.00084	0.00086	0.00026	0.00063	0.00096	0.00014	0.0039	30	0	NC
Un-ionized ammonia	mg/L	S10A	WCA-2	Inflow	0.00084	0.00086	0.00026	0.00063	0.00096	0.00014	0.0039	30	0	NC
Un-ionized ammonia	mg/L	S10C	Refuge	Outflow	0.0013	0.0014	0.00055	0.00085	0.0014	0.00011	0.0051	27	0	--
Un-ionized ammonia	mg/L	S10C	WCA-2	Inflow	0.0013	0.0014	0.00055	0.00085	0.0014	0.00011	0.0051	27	0	--
Un-ionized ammonia	mg/L	S10D	Refuge	Outflow	0.0014	0.0024	0.00041	0.00078	0.0017	0.000090	0.0179	68	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	S10D	WCA-2	Inflow	0.0014	0.0024	0.00041	0.00078	0.0017	0.000090	0.0179	68	0	NC
Un-ionized ammonia	mg/L	S10E	Refuge	Outflow	0.0011	0.0013	0.00029	0.00079	0.0013	0.00013	0.0064	44	0	NC
Un-ionized ammonia	mg/L	S10E	WCA-2	Inflow	0.0011	0.0013	0.00029	0.00079	0.0013	0.00013	0.0064	44	0	NC
Un-ionized ammonia	mg/L	S39	Refuge	Outflow	0.00076	0.00073	0.00027	0.00050	0.00092	0.000060	0.0030	79	0	NC
Un-ionized ammonia	mg/L	S38B	WCA-2	Inflow	0.00058	0.00064	0.00013	0.00031	0.00098	0.000049	0.0021	14	0	--
Un-ionized ammonia	mg/L	S7	WCA-2	Inflow	0.0020	0.0014	0.00083	0.0017	0.0029	0.000063	0.0057	78	0	NC
Un-ionized ammonia	mg/L	E0	WCA-2	Inflow	0.0233	0.0230	0.0027	0.0182	0.0368	0.00075	0.107	55	47.3±11.1	C
Un-ionized ammonia	mg/L	F0	WCA-2	Inflow	0.0232	0.0220	0.0039	0.0166	0.0365	0.00056	0.102	57	47.4±10.9	C
Un-ionized ammonia	mg/L	G335	WCA-2	Inflow	0.0026	0.0020	0.00106	0.0020	0.0036	0.00031	0.0104	123	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	404C2	WCA-2	Interior	0.0011	0.0013	0.00040	0.00073	0.0012	0.000045	0.0060	40	0	NC
Un-ionized ammonia	mg/L	404Z1	WCA-2	Interior	0.00093	0.00078	0.00055	0.00087	0.0010	0.00027	0.0049	33	0	NC
Un-ionized ammonia	mg/L	F1	WCA-2	Interior	0.00083	0.0020	0.00027	0.00047	0.00075	0.000037	0.0174	81	0	NC
Un-ionized ammonia	mg/L	F2	WCA-2	Interior	0.00058	0.0011	0.00022	0.00033	0.00052	0.000034	0.0093	103	0	NC
Un-ionized ammonia	mg/L	F4	WCA-2	Interior	0.00026	0.00027	0.00007	0.00017	0.00037	0.000026	0.0018	99	0	NC
Un-ionized ammonia	mg/L	N1	WCA-2	Interior	0.0014	0.0020	0.00056	0.00089	0.0015	0.000067	0.0139	48	0	NC
Un-ionized ammonia	mg/L	CA215	WCA-2	Interior	0.00072	0.00056	0.00037	0.00058	0.00081	0.00013	0.0027	63	0	NC
Un-ionized ammonia	mg/L	CA27	WCA-2	Interior	0.00028	0.00022	0.00009	0.00022	0.00038	<0.000001	0.00092	64	0	NC
Un-ionized ammonia	mg/L	CA28	WCA-2	Interior	0.00056	0.00042	0.00026	0.00046	0.00070	0.000096	0.0024	55	0	NC
Un-ionized ammonia	mg/L	CA29	WCA-2	Interior	0.00067	0.00078	0.00031	0.00047	0.00073	0.00012	0.0056	60	0	NC
Un-ionized ammonia	mg/L	E1	WCA-2	Interior	0.00047	0.00032	0.00022	0.00037	0.00063	0.00012	0.0015	41	0	NC
Un-ionized ammonia	mg/L	E2	WCA-2	Interior	0.00032	0.00015	0.00019	0.00029	0.00042	0.00011	0.00075	31	0	NC
Un-ionized ammonia	mg/L	E3	WCA-2	Interior	0.00038	0.00044	0.00020	0.00027	0.00039	0.000079	0.0028	37	0	NC
Un-ionized ammonia	mg/L	E4	WCA-2	Interior	0.00028	0.00015	0.00016	0.00026	0.00034	0.000037	0.00080	36	0	NC
Un-ionized ammonia	mg/L	E5	WCA-2	Interior	0.00082	0.00071	0.00047	0.00065	0.0010070	0.000084	0.0043	39	0	NC
Un-ionized ammonia	mg/L	F3	WCA-2	Interior	0.0016	0.0061	0.00027	0.00042	0.00062	0.00014	0.0407	48	2.1±3.4	MC
Un-ionized ammonia	mg/L	F5	WCA-2	Interior	0.00083	0.00062	0.00042	0.00071	0.00095	0.00014	0.0037	42	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	U1	WCA-2	Interior	0.00076	0.00097	0.00037	0.00055	0.00078	0.00011	0.0060	41	0	NC
Un-ionized ammonia	mg/L	U2	WCA-2	Interior	0.0014	0.0022	0.00059	0.00088	0.0012	0.00013	0.0123	38	0	NC
Un-ionized ammonia	mg/L	U3	WCA-2	Interior	0.0013	0.0012	0.00063	0.00093	0.0013	0.00012	0.0061	40	0	NC
Un-ionized ammonia	mg/L	S145	WCA-2	Interior	0.0012	0.0020	0.00023	0.00052	0.0013	<0.000001	0.0121	77	0	NC
Un-ionized ammonia	mg/L	S144	WCA-2	Interior	0.0153	--	--	0.0153	--	0.0153	0.0153	1	0	--
Un-ionized ammonia	mg/L	S146	WCA-2	Interior	0.0075	--	--	0.0075	--	0.0075	0.0075	1	0	--
Un-ionized ammonia	mg/L	S11B	WCA-2	Outflow	0.00088	0.00075	0.00037	0.00059	0.0011	0.000042	0.0028	47	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-3	Inflow	0.00088	0.00075	0.00037	0.00059	0.0011	0.000042	0.0028	47	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-2	Outflow	0.00083	0.00069	0.00030	0.00068	0.0011	0.000049	0.0034	74	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-3	Inflow	0.00083	0.00069	0.00030	0.00068	0.0011	0.000049	0.0034	74	0	NC
Un-ionized ammonia	mg/L	S11A	WCA-2	Outflow	0.0012	0.00099	0.00047	0.00089	0.0016	0.000073	0.0047	83	0	NC
Un-ionized ammonia	mg/L	S11A	WCA-3	Inflow	0.0012	0.00099	0.00047	0.00089	0.0016	0.000073	0.0047	83	0	NC
Un-ionized ammonia	mg/L	S34	WCA-2	Outflow	0.0019	0.0029	0.00045	0.00088	0.0023	0.00010	0.0165	86	0	NC
Un-ionized ammonia	mg/L	S38	WCA-2	Outflow	0.0010	0.0012	0.00021	0.00056	0.0012	0.000029	0.0047	77	0	NC
Un-ionized ammonia	mg/L	S8	WCA-3	Inflow	0.0018	0.0014	0.00087	0.0016	0.0025	0.00014	0.0102	91	0	NC
Un-ionized ammonia	mg/L	G205	WCA-3	Inflow	0.0096	0.0142	0.00123	0.0022	0.0195	0.00076	0.0363	9	22.2±22.8	--
Un-ionized ammonia	mg/L	G206	WCA-3	Inflow	0.0027	0.0033	0.00043	0.0013	0.0055	0.000069	0.0085	9	0	--
Un-ionized ammonia	mg/L	G123	WCA-3	Inflow	0.0035	0.0041	0.00083	0.0019	0.0043	0.00021	0.0226	62	1.6±2.7	MC
Un-ionized ammonia	mg/L	S140	WCA-3	Inflow	0.0012	0.0011	0.00038	0.00086	0.0015	0.000014	0.0048	91	0	NC
Un-ionized ammonia	mg/L	S190	WCA-3	Inflow	0.00058	0.00050	0.00025	0.00043	0.00070	0.000036	0.0024	79	0	NC
Un-ionized ammonia	mg/L	S9	WCA-3	Inflow	0.0051	0.0026	0.0032	0.0048	0.0061	0.0011	0.0173	78	0	NC
Un-ionized ammonia	mg/L	S150	WCA-3	Inflow	0.0018	0.0018	0.00072	0.0013	0.0022	0.000081	0.0119	64	0	NC
Un-ionized ammonia	mg/L	C123SR84	WCA-3	Inflow	0.00062	0.00051	0.00024	0.00044	0.00084	0.000052	0.0019	77	0	NC
Un-ionized ammonia	mg/L	G204	WCA-3	Inflow	0.0025	0.0013	0.00144	0.0023	0.0036	0.00076	0.0046	6	0	--
Un-ionized ammonia	mg/L	S142	WCA-3	Inflow	0.0025	0.0033	0.00059	0.0011	0.0028	0.00011	0.0183	95	0	NC
Un-ionized ammonia	mg/L	S151	WCA-3	Inflow	0.0020	0.0020	0.00091	0.0015	0.0025	0.000068	0.0121	76	0	NC
Un-ionized ammonia	mg/L	3AE0	WCA-3	Inflow	0.0013	0.00090	0.00077	0.0011	0.0017	0.00020	0.0044	46	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	3AW0	WCA-3	Inflow	0.0012	0.00090	0.00055	0.0011	0.0015	0.00029	0.0042	46	0	NC
Un-ionized ammonia	mg/L	CA311	WCA-3	Interior	0.00027	0.00049	0.00006	0.00010	0.00024	0.000025	0.0029	75	0	NC
Un-ionized ammonia	mg/L	CA315	WCA-3	Interior	0.00033	0.00068	0.00005	0.00009	0.00028	0.000019	0.0041	90	0	NC
Un-ionized ammonia	mg/L	CA316	WCA-3	Interior	0.00022	0.00022	0.00008	0.00017	0.00029	0.000010	0.0016	87	0	NC
Un-ionized ammonia	mg/L	CA317	WCA-3	Interior	0.00072	0.00098	0.00019	0.00039	0.00082	0.000001	0.0078	105	0	NC
Un-ionized ammonia	mg/L	CA318	WCA-3	Interior	0.00072	0.0022	0.00007	0.00015	0.00032	0.000014	0.0135	100	0	NC
Un-ionized ammonia	mg/L	CA32	WCA-3	Interior	0.00016	0.00018	0.00005	0.00009	0.00016	0.000025	0.00096	50	0	NC
Un-ionized ammonia	mg/L	CA33	WCA-3	Interior	0.00016	0.00016	0.00006	0.00010	0.00019	0.000031	0.00075	50	0	NC
Un-ionized ammonia	mg/L	CA34	WCA-3	Interior	0.00012	0.00008	0.00006	0.00009	0.00016	0.000031	0.00041	55	0	NC
Un-ionized ammonia	mg/L	CA35	WCA-3	Interior	0.00019	0.00014	0.00009	0.00013	0.00023	0.000048	0.00058	37	0	NC
Un-ionized ammonia	mg/L	CA36	WCA-3	Interior	0.00021	0.00021	0.00009	0.00018	0.00025	0.000039	0.0012	30	0	NC
Un-ionized ammonia	mg/L	CA38	WCA-3	Interior	0.00019	0.00022	0.00006	0.00013	0.00022	0.000042	0.0011	54	0	NC
Un-ionized ammonia	mg/L	3AE05	WCA-3	Interior	0.00025	0.00016	0.00012	0.00022	0.00036	0.000039	0.00057	26	0	--
Un-ionized ammonia	mg/L	3AE10	WCA-3	Interior	0.00028	0.00018	0.00015	0.00023	0.00035	0.000042	0.00094	34	0	NC
Un-ionized ammonia	mg/L	3AE15	WCA-3	Interior	0.00031	0.00016	0.00021	0.00027	0.00037	0.000096	0.00085	37	0	NC
Un-ionized ammonia	mg/L	3AE20	WCA-3	Interior	0.00033	0.00024	0.00021	0.00026	0.00039	0.000048	0.0011	43	0	NC
Un-ionized ammonia	mg/L	3AE40	WCA-3	Interior	0.00070	0.00063	0.00039	0.00050	0.00081	0.000073	0.0040	42	0	NC
Un-ionized ammonia	mg/L	3ANMESO	WCA-3	Interior	0.00053	0.0013	0.00015	0.00022	0.00040	0.000034	0.0085	49	0	NC
Un-ionized ammonia	mg/L	3ASMESO	WCA-3	Interior	0.00072	0.0016	0.00021	0.00026	0.00043	0.000054	0.0092	96	0	NC
Un-ionized ammonia	mg/L	3AW05	WCA-3	Interior	0.00028	0.00026	0.00010	0.00019	0.00033	0.000026	0.00097	28	0	NC
Un-ionized ammonia	mg/L	3AW10	WCA-3	Interior	0.00024	0.00023	0.00011	0.00019	0.00029	0.000022	0.0014	37	0	NC
Un-ionized ammonia	mg/L	3AW15	WCA-3	Interior	0.00028	0.00015	0.00018	0.00022	0.00035	0.000089	0.00074	36	0	NC
Un-ionized ammonia	mg/L	3AW20	WCA-3	Interior	0.00030	0.00024	0.00018	0.00025	0.00037	0.000034	0.0014	38	0	NC
Un-ionized ammonia	mg/L	3AW40	WCA-3	Interior	0.00057	0.00039	0.00029	0.00043	0.00073	0.000074	0.0017	44	0	NC
Un-ionized ammonia	mg/L	S334	WCA-3	Outflow	0.0024	0.0025	0.00077	0.0016	0.0030	0.00021	0.0112	78	0	NC
Un-ionized ammonia	mg/L	S333	Park	Inflow	0.00072	0.00068	0.00030	0.00050	0.00086	0.000036	0.0037	111	0	NC
Un-ionized ammonia	mg/L	S333	WCA-3	Outflow	0.00072	0.00068	0.00030	0.00050	0.00086	0.000036	0.0037	111	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	S355A	Park	Inflow	0.0012	0.0022	0.00013	0.00024	0.0014	0.000041	0.0116	51	0	NC
Un-ionized ammonia	mg/L	S355A	WCA-3	Outflow	0.0012	0.0022	0.00013	0.00024	0.0014	0.000041	0.0116	51	0	NC
Un-ionized ammonia	mg/L	S355B	Park	Inflow	0.0012	0.0019	0.00010	0.00029	0.0012	0.000026	0.0077	51	0	NC
Un-ionized ammonia	mg/L	S355B	WCA-3	Outflow	0.0012	0.0019	0.00010	0.00029	0.0012	0.000026	0.0077	51	0	NC
Un-ionized ammonia	mg/L	S12A	Park	Inflow	0.00053	0.0011	0.00015	0.00024	0.00045	0.000030	0.0079	77	0	NC
Un-ionized ammonia	mg/L	S12A	WCA-3	Outflow	0.00053	0.0011	0.00015	0.00024	0.00045	0.000030	0.0079	77	0	NC
Un-ionized ammonia	mg/L	S12B	Park	Inflow	0.00046	0.00093	0.00015	0.00022	0.00047	0.000042	0.0081	83	0	NC
Un-ionized ammonia	mg/L	S12B	WCA-3	Outflow	0.00046	0.00093	0.00015	0.00022	0.00047	0.000042	0.0081	83	0	NC
Un-ionized ammonia	mg/L	S12C	Park	Inflow	0.00045	0.00071	0.00018	0.00027	0.00048	0.000038	0.0062	93	0	NC
Un-ionized ammonia	mg/L	S12C	WCA-3	Outflow	0.00045	0.00071	0.00018	0.00027	0.00048	0.000038	0.0062	93	0	NC
Un-ionized ammonia	mg/L	S12D	Park	Inflow	0.00063	0.00057	0.00025	0.00052	0.00081	0.000024	0.0034	118	0	NC
Un-ionized ammonia	mg/L	S12D	WCA-3	Outflow	0.00063	0.00057	0.00025	0.00052	0.00081	0.000024	0.0034	118	0	NC
Un-ionized ammonia	mg/L	S344	WCA-3	Outflow	0.00036	0.00027	0.00018	0.00023	0.00048	0.00011	0.0010	15	0	--
Un-ionized ammonia	mg/L	S197	WCA-3	Outflow	0.0012	0.0013	0.00059	0.00072	0.0016	0.00044	0.0038	6	0	--
Un-ionized ammonia	mg/L	S31	WCA-3	Outflow	0.0018	0.0010	0.00117	0.0017	0.0024	0.00017	0.0049	41	0	NC
Un-ionized ammonia	mg/L	US41-25	WCA-3	Outflow	0.00067	0.00065	0.00030	0.00045	0.00080	0.000038	0.0038	97	0	NC
Un-ionized ammonia	mg/L	S175	Park	Inflow	0.0018	0.0013	0.00082	0.0014	0.0027	0.00038	0.0063	58	0	NC
Un-ionized ammonia	mg/L	S18C	Park	Inflow	0.00082	0.00060	0.00049	0.00071	0.00100	0.000074	0.0042	96	0	NC
Un-ionized ammonia	mg/L	S332	Park	Inflow	0.0018	0.0014	0.00076	0.0012	0.0025	0.00018	0.0075	55	0	NC
Un-ionized ammonia	mg/L	S332D	Park	Inflow	0.0024	0.0013	0.00157	0.0020	0.0030	0.00067	0.0076	108	0	NC
Un-ionized ammonia	mg/L	T0E	Park	Inflow	0.0028	0.0017	0.00108	0.0033	0.0042	0.00087	0.0050	5	0	--
Un-ionized ammonia	mg/L	T0W	Park	Inflow	0.0032	0.00057	0.0028	0.0029	0.0038	0.0028	0.0038	3	0	--
Un-ionized ammonia	mg/L	EP	Park	Interior	0.0015	0.0020	0.00047	0.00097	0.0015	0.00023	0.0106	33	0	NC
Un-ionized ammonia	mg/L	NE1	Park	Interior	0.00063	0.00063	0.00025	0.00044	0.00077	0.000001	0.0034	56	0	NC
Un-ionized ammonia	mg/L	NP201	Park	Interior	0.0013	0.0019	0.00050	0.00077	0.0010	0.000058	0.0124	56	0	NC
Un-ionized ammonia	mg/L	P33	Park	Interior	0.0012	0.0028	0.00032	0.00053	0.0011	0.000087	0.0171	55	0	NC
Un-ionized ammonia	mg/L	P34	Park	Interior	0.00065	0.00044	0.00035	0.00056	0.00077	0.00016	0.0023	38	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25th Percentile	Median	75th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	P35	Park	Interior	0.00055	0.00083	0.00017	0.00029	0.00054	0.000054	0.0042	37	0	NC
Un-ionized ammonia	mg/L	P36	Park	Interior	0.0021	0.0062	0.00052	0.00068	0.0015	0.00012	0.0461	55	1.8±3.0	MC
Un-ionized ammonia	mg/L	P37	Park	Interior	0.0017	0.0017	0.00068	0.0011	0.0023	0.00024	0.0090	33	0	NC
Un-ionized ammonia	mg/L	TSB	Park	Interior	0.00038	0.00052	0.00013	0.00019	0.00039	0.000052	0.0030	47	0	NC
Un-ionized ammonia	mg/L	T05E	Park	Interior	0.00072	0.00046	0.00036	0.00060	0.0012	0.00030	0.0014	4	0	--
Un-ionized ammonia	mg/L	T10W	Park	Interior	0.00038	0.00016	0.00021	0.00042	0.00052	0.00021	0.00052	3	0	--
Un-ionized ammonia	mg/L	T24	Park	Interior	0.00055	0.00021	0.00041	0.00046	0.00080	0.00041	0.00080	3	0	--
Un-ionized ammonia	mg/L	T33	Park	Interior	0.0016	0.0030	0.00015	0.00025	0.0037	0.000081	0.0070	5	0	--
Un-ionized ammonia	mg/L	T34	Park	Interior	0.00030	0.00034	0.00008	0.00013	0.00070	0.000079	0.00070	3	0	--
Un-ionized ammonia	mg/L	TNMESO	Park	Interior	0.00056	0.00034	0.00023	0.00058	0.00088	0.00018	0.00091	4	0	--
Un-ionized ammonia	mg/L	T05W	Park	Interior	0.00033	0.00002	0.00030	0.00034	0.00034	0.00030	0.00034	3	0	--
Un-ionized ammonia	mg/L	T10E	Park	Interior	0.00042	0.00018	--	0.00042	--	0.00029	0.00055	2	0	--
Un-ionized ammonia	mg/L	T15E	Park	Interior	0.00050	0.00023	0.00024	0.00062	0.00066	0.00024	0.00066	3	0	--
Un-ionized ammonia	mg/L	T15W	Park	Interior	0.00061	0.00032	0.00038	0.00049	0.00098	0.00038	0.00098	3	0	--
Un-ionized ammonia	mg/L	T23	Park	Interior	0.00064	0.00028	0.00047	0.00048	0.00096	0.00047	0.00096	3	0	--
Un-ionized ammonia	mg/L	TSMESO	Park	Interior	0.0054	0.0041	--	0.0054	--	0.0025	0.0083	2	0	--