

Appendix 2A-2: Summary of Water Year 2001 through Water Year 2005 Water Quality Monitoring Results at Individual Monitoring Stations

Florida Department of Environmental Protection

Table 1. Summary of WY2001–WY2005 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	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	ACME1DS	Refuge	Inflow	185	42	169	189	210	62	306	66	0	NC
Alkalinity	mg/L	ENR012	Refuge	Inflow	248	42	217	248	284	158	341	129	0	NC
Alkalinity	mg/L	G310	Refuge	Inflow	239	46	209	242	274	126	317	124	0	NC
Alkalinity	mg/L	G94D	Refuge	Inflow	177	34	164	179	197	67	309	68	0	NC
Alkalinity	mg/L	S5A	Refuge	Inflow	112	6.6	108	110	119	108	122	4	0	--
Alkalinity	mg/L	S5AS	Refuge	Inflow	113			113		113	113	1	0	--
Alkalinity	mg/L	S6	Refuge	Inflow	246	102	135	239	331	119	391	9	0	--
Alkalinity	mg/L	LOX10	Refuge	Interior	91	59	54	67	123	29	249	23	0	--
Alkalinity	mg/L	LOX11	Refuge	Interior	11	4.3	8.0	11	13	4.5	26	41	95.1±5.5	C
Alkalinity	mg/L	LOX12	Refuge	Interior	87	48	52	65	120	31	233	57	0	NC
Alkalinity	mg/L	LOX13	Refuge	Interior	13	3.6	11	13	15	6.3	26	38	94.7±6.0	C
Alkalinity	mg/L	LOX14	Refuge	Interior	46	32	25	38	52	14	155	48	6.3±5.7	MC
Alkalinity	mg/L	LOX15	Refuge	Interior	126	55	79	130	173	41	241	54	0	NC
Alkalinity	mg/L	LOX16	Refuge	Interior	38	20	26	33	41	13	118	50	8.0±6.3	MC
Alkalinity	mg/L	LOX3	Refuge	Interior	10	2.3	8.7	9.1	12	7.0	14	10	100	--
Alkalinity	mg/L	LOX4	Refuge	Interior	114	53	72	113	144	43	248	29	0	NC
Alkalinity	mg/L	LOX5	Refuge	Interior	9.3	2.1	7.5	8.8	11	7.0	14	13	100	--
Alkalinity	mg/L	LOX6	Refuge	Interior	78	47	51	60	88	32	234	43	0	NC
Alkalinity	mg/L	LOX7	Refuge	Interior	15	6.3	11	13	17	8.7	36	36	88.9±8.6	C
Alkalinity	mg/L	LOX8	Refuge	Interior	10	3.1	7.8	9.0	12	6.0	21	43	97.7±3.8	C
Alkalinity	mg/L	LOX9	Refuge	Interior	28	20	16	23	29	8.0	94	22	27.3±15.6	--
Alkalinity	mg/L	X1	Refuge	Interior	220	52	183	221	260	113	310	52	0	NC
Alkalinity	mg/L	X2	Refuge	Interior	180	58	137	190	232	72	282	52	0	NC
Alkalinity	mg/L	X3	Refuge	Interior	151	61	98	158	201	55	263	52	0	NC
Alkalinity	mg/L	X4	Refuge	Interior	92	41	63	81	120	31	215	54	0	NC

Parameter	Units	Station	Area	Class	Arithmetic	Std.	25 th	Median	75 th	Min.	Max.	N	Excursion	
					Mean	Deviation	Percentile		Percentile				%±90% C.I.	Category
Alkalinity	mg/L	Y4	Refuge	Interior	104	51	63	88	150	37	243	56	0	NC
Alkalinity	mg/L	Z1	Refuge	Interior	236	48	208	236	270	116	345	54	0	NC
Alkalinity	mg/L	Z2	Refuge	Interior	198	46	169	200	225	77	310	48	0	NC
Alkalinity	mg/L	Z3	Refuge	Interior	134	55	89	126	176	54	266	58	0	NC
Alkalinity	mg/L	Z4	Refuge	Interior	84	44	51	67	120	30	200	59	0	NC
Alkalinity	mg/L	S6D	Refuge	Rim	255	57	209	272	298	144	343	20	0	--
Alkalinity	mg/L	X0	Refuge	Rim	227	44	194	220	265	151	312	61	0	NC
Alkalinity	mg/L	Z0	Refuge	Rim	226	43	193	220	264	151	301	58	0	NC
Alkalinity	mg/L	G94B	Refuge	Outflow	157	53	123	163	188	46	307	59	0	NC
Alkalinity	mg/L	S10A	Refuge	Outflow	165	42	138	160	187	92	304	30	0	NC
Alkalinity	mg/L	S10C	Refuge	Outflow	184	64	153	173	226	44	310	29	0	NC
Alkalinity	mg/L	S10D	Refuge	Outflow	219	51	183	214	252	102	381	65	0	NC
Alkalinity	mg/L	S10E	Refuge	Outflow	229	54	189	219	281	130	354	57	0	NC
Alkalinity	mg/L	S39	Refuge	Outflow	160	51	124	159	182	64	347	79	0	NC
Alkalinity	mg/L	E0	WCA-2	Inflow	272	62	208	289	314	112	378	59	0	NC
Alkalinity	mg/L	F0	WCA-2	Inflow	285	55	248	285	317	111	384	59	0	NC
Alkalinity	mg/L	G335	WCA-2	Inflow	295	40	271	307	326	186	364	100	0	NC
Alkalinity	mg/L	G339	WCA-2	Inflow	295			295		295	295	1	0	--
Alkalinity	mg/L	S10A	WCA-2	Inflow	165	42	138	160	187	92	304	30	0	NC
Alkalinity	mg/L	S10C	WCA-2	Inflow	184	64	153	173	226	44	310	29	0	NC
Alkalinity	mg/L	S10D	WCA-2	Inflow	219	51	183	214	252	102	381	65	0	NC
Alkalinity	mg/L	S10E	WCA-2	Inflow	229	54	189	219	281	130	354	57	0	NC
Alkalinity	mg/L	S38B	WCA-2	Inflow	211	50	168	214	256	108	271	19	0	--
Alkalinity	mg/L	S7	WCA-2	Inflow	257	71	198	273	322	104	398	80	0	NC
Alkalinity	mg/L	CA215	WCA-2	Interior	202	33	183	196	224	142	305	74	0	NC
Alkalinity	mg/L	CA27	WCA-2	Interior	257	47	233	270	283	60	326	63	0	NC
Alkalinity	mg/L	CA28	WCA-2	Interior	302	46	281	305	327	159	414	52	0	NC
Alkalinity	mg/L	CA29	WCA-2	Interior	213	45	184	219	244	71	290	67	0	NC
Alkalinity	mg/L	E1	WCA-2	Interior	242	55	202	245	282	118	400	42	0	NC
Alkalinity	mg/L	E2	WCA-2	Interior	213	37	191	219	245	130	276	32	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Alkalinity	mg/L	E3	WCA-2	Interior	210	41	183	220	244	125	265	36	0	NC
Alkalinity	mg/L	E4	WCA-2	Interior	194	35	169	201	217	124	272	37	0	NC
Alkalinity	mg/L	E5	WCA-2	Interior	197	28	175	193	219	137	264	41	0	NC
Alkalinity	mg/L	F1	WCA-2	Interior	278	61	237	272	307	175	462	86	0	NC
Alkalinity	mg/L	F2	WCA-2	Interior	259	60	222	253	281	129	450	112	0	NC
Alkalinity	mg/L	F3	WCA-2	Interior	257	66	211	235	301	136	449	50	0	NC
Alkalinity	mg/L	F4	WCA-2	Interior	222	45	193	214	241	143	355	106	0	NC
Alkalinity	mg/L	F5	WCA-2	Interior	215	47	180	213	254	78	292	46	0	NC
Alkalinity	mg/L	S144	WCA-2	Interior	190	39	160	201	214	105	243	16	0	--
Alkalinity	mg/L	S145	WCA-2	Interior	180	37	153	180	201	107	274	81	0	NC
Alkalinity	mg/L	S146	WCA-2	Interior	177	49	131	193	210	91	248	16	0	--
Alkalinity	mg/L	U1	WCA-2	Interior	177	31	151	180	195	105	240	45	0	NC
Alkalinity	mg/L	U2	WCA-2	Interior	198	32	178	202	222	115	269	40	0	NC
Alkalinity	mg/L	U3	WCA-2	Interior	202	36	173	205	228	119	278	44	0	NC
Alkalinity	mg/L	S11A	WCA-2	Outflow	201	48	166	195	230	109	333	77	0	NC
Alkalinity	mg/L	S11B	WCA-2	Outflow	201	45	169	193	226	125	329	41	0	NC
Alkalinity	mg/L	S11C	WCA-2	Outflow	230	51	183	234	267	107	344	75	0	NC
Alkalinity	mg/L	S34	WCA-2	Outflow	227	36	203	220	247	143	338	81	0	NC
Alkalinity	mg/L	S38	WCA-2	Outflow	175	43	142	173	201	84	286	74	0	NC
Alkalinity	mg/L	3AE0	WCA-3	Inflow	193	36	167	201	217	118	268	44	0	NC
Alkalinity	mg/L	3AW0	WCA-3	Inflow	196	36	171	202	221	125	270	45	0	NC
Alkalinity	mg/L	C123SR84	WCA-3	Inflow	208	34	187	203	230	125	347	73	0	NC
Alkalinity	mg/L	G123	WCA-3	Inflow	244	38	217	241	272	162	334	63	0	NC
Alkalinity	mg/L	L3	WCA-3	Inflow	157	6.1		157		153	162	2	0	--
Alkalinity	mg/L	S11A	WCA-3	Inflow	201	48	166	195	230	109	333	77	0	NC
Alkalinity	mg/L	S11B	WCA-3	Inflow	201	45	169	193	226	125	329	41	0	NC
Alkalinity	mg/L	S11C	WCA-3	Inflow	230	51	183	234	267	107	344	75	0	NC
Alkalinity	mg/L	S140	WCA-3	Inflow	188	32	159	192	216	108	239	85	0	NC
Alkalinity	mg/L	S142	WCA-3	Inflow	237	45	210	234	260	94	357	97	0	NC
Alkalinity	mg/L	S150	WCA-3	Inflow	244	62	196	254	284	106	375	63	0	NC

Parameter	Units	Station	Area	Class	Arithmetic	Std.	25 th	Median	75 th	Min.	Max.	N	Excursion	
					Mean	Deviation	Percentile		Percentile				%±90% C.I.	Category
Alkalinity	mg/L	S151	WCA-3	Inflow	226	35	203	223	250	149	320	78	0	NC
Alkalinity	mg/L	S190	WCA-3	Inflow	213	40	193	225	243	107	268	75	0	NC
Alkalinity	mg/L	S8	WCA-3	Inflow	223	50	195	229	260	106	312	85	0	NC
Alkalinity	mg/L	S9	WCA-3	Inflow	250	20	236	252	265	203	285	79	0	NC
Alkalinity	mg/L	3AE05	WCA-3	Interior	202	32	182	203	226	134	254	23	0	--
Alkalinity	mg/L	3AE10	WCA-3	Interior	195	30	168	197	220	147	248	29	0	NC
Alkalinity	mg/L	3AE15	WCA-3	Interior	191	30	166	196	216	135	247	34	0	NC
Alkalinity	mg/L	3AE20	WCA-3	Interior	190	29	168	185	216	114	237	39	0	NC
Alkalinity	mg/L	3AE40	WCA-3	Interior	171	26	149	172	189	118	249	36	0	NC
Alkalinity	mg/L	3ANMESO	WCA-3	Interior	156	23	141	160	171	95	225	43	0	NC
Alkalinity	mg/L	3ASMESO	WCA-3	Interior	144	21	131	145	160	97	191	43	0	NC
Alkalinity	mg/L	3AW05	WCA-3	Interior	204	33	179	214	226	135	254	26	0	--
Alkalinity	mg/L	3AW10	WCA-3	Interior	202	31	182	207	224	142	249	33	0	NC
Alkalinity	mg/L	3AW15	WCA-3	Interior	187	35	165	195	213	105	246	34	0	NC
Alkalinity	mg/L	3AW20	WCA-3	Interior	183	32	162	182	209	124	241	34	0	NC
Alkalinity	mg/L	3AW40	WCA-3	Interior	157	24	138	161	174	94	191	39	0	NC
Alkalinity	mg/L	CA311	WCA-3	Interior	142	28	126	141	163	71	216	74	0	NC
Alkalinity	mg/L	CA315	WCA-3	Interior	120	21	106	119	133	79	199	90	0	NC
Alkalinity	mg/L	CA316	WCA-3	Interior	207	45	171	206	233	128	306	93	0	NC
Alkalinity	mg/L	CA317	WCA-3	Interior	176	23	160	171	190	123	267	119	0	NC
Alkalinity	mg/L	CA318	WCA-3	Interior	191	19	177	192	206	134	225	105	0	NC
Alkalinity	mg/L	CA32	WCA-3	Interior	157	61	107	138	195	75	289	47	0	NC
Alkalinity	mg/L	CA33	WCA-3	Interior	204	46	173	204	226	76	320	55	0	NC
Alkalinity	mg/L	CA34	WCA-3	Interior	180	31	155	173	205	110	248	56	0	NC
Alkalinity	mg/L	CA35	WCA-3	Interior	178	31	158	177	190	122	258	33	0	NC
Alkalinity	mg/L	CA36	WCA-3	Interior	235	27	218	231	252	171	305	29	0	NC
Alkalinity	mg/L	CA38	WCA-3	Interior	141	27	130	142	158	3	184	58	0	MC
Alkalinity	mg/L	S12A	WCA-3	Outflow	121	24	100	116	133	90	188	72	0	NC
Alkalinity	mg/L	S12B	WCA-3	Outflow	126	27	108	119	135	85	213	79	0	NC
Alkalinity	mg/L	S12C	WCA-3	Outflow	139	29	117	133	161	80	203	82	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Alkalinity	mg/L	S12D	WCA-3	Outflow	165	35	128	177	194	101	236	117	0	NC
Alkalinity	mg/L	S197	WCA-3	Outflow	185	12	175	185	196	166	201	9	0	--
Alkalinity	mg/L	S31	WCA-3	Outflow	235	25	214	240	253	187	288	38	0	NC
Alkalinity	mg/L	S333	WCA-3	Outflow	177	29	158	181	198	101	242	103	0	NC
Alkalinity	mg/L	S334	WCA-3	Outflow	185	24	169	186	204	126	230	71	0	NC
Alkalinity	mg/L	S344	WCA-3	Outflow	116	26	91	114	140	83	165	18	0	--
Alkalinity	mg/L	S355A	WCA-3	Outflow	126	32	95	123	155	72	185	54	0	NC
Alkalinity	mg/L	S355B	WCA-3	Outflow	149	31	120	155	171	93	204	54	0	NC
Alkalinity	mg/L	US41-25	WCA-3	Outflow	162	41	133	161	200	101	258	95	0	NC
Alkalinity	mg/L	S12A	Park	Inflow	121	24	100	116	133	90	188	72	0	NC
Alkalinity	mg/L	S12B	Park	Inflow	126	27	108	119	135	85	213	79	0	NC
Alkalinity	mg/L	S12C	Park	Inflow	139	29	117	133	161	80	203	82	0	NC
Alkalinity	mg/L	S12D	Park	Inflow	165	35	128	177	194	101	236	117	0	NC
Alkalinity	mg/L	S175	Park	Inflow	202	15	193	199	210	163	239	61	0	NC
Alkalinity	mg/L	S18C	Park	Inflow	199	10	195	200	204	174	246	92	0	NC
Alkalinity	mg/L	S332	Park	Inflow	201	16	192	199	211	172	245	60	0	NC
Alkalinity	mg/L	S332D	Park	Inflow	212	17	203	209	215	185	282	80	0	NC
Alkalinity	mg/L	S333	Park	Inflow	177	29	158	181	198	101	242	103	0	NC
Alkalinity	mg/L	S355A	Park	Inflow	126	32	95	123	155	72	185	54	0	NC
Alkalinity	mg/L	S355B	Park	Inflow	149	31	120	155	171	93	204	54	0	NC
Alkalinity	mg/L	T0E	Park	Inflow	205	10	199	205	214	182	216	12	0	--
Alkalinity	mg/L	T0W	Park	Inflow	207	11	199	204	216	191	228	12	0	--
Alkalinity	mg/L	EP	Park	Interior	168	13	158	168	177	146	208	35	0	NC
Alkalinity	mg/L	NE1	Park	Interior	175	34	152	174	207	76	240	56	0	NC
Alkalinity	mg/L	NP201	Park	Interior	162	26	144	164	178	108	246	53	0	NC
Alkalinity	mg/L	P33	Park	Interior	179	31	157	177	201	117	264	56	0	NC
Alkalinity	mg/L	P34	Park	Interior	123	30	104	115	137	83	226	39	0	NC
Alkalinity	mg/L	P35	Park	Interior	153	25	139	151	159	114	239	37	0	NC
Alkalinity	mg/L	P36	Park	Interior	164	25	148	158	191	121	211	55	0	NC
Alkalinity	mg/L	P37	Park	Interior	123	44	94	105	133	76	255	37	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Alkalinity	mg/L	T05E	Park	Interior	210	22	193	213	217	183	254	8	0	--
Alkalinity	mg/L	T05W	Park	Interior	204	13	190	213	214	188	214	5	0	--
Alkalinity	mg/L	T10E	Park	Interior	199	7.6	191	200	205	188	206	4	0	--
Alkalinity	mg/L	T10W	Park	Interior	206	24	190	204	210	181	254	7	0	--
Alkalinity	mg/L	T15E	Park	Interior	188	32	159	190	216	139	217	5	0	--
Alkalinity	mg/L	T15W	Park	Interior	172	16	156	178	186	153	194	5	0	--
Alkalinity	mg/L	T23	Park	Interior	149	20	131	150	166	128	179	5	0	--
Alkalinity	mg/L	T24	Park	Interior	137	21	121	126	158	119	169	5	0	--
Alkalinity	mg/L	T33	Park	Interior	157	36	123	155	189	117	218	9	0	--
Alkalinity	mg/L	T34	Park	Interior	140	21	119	141	159	119	161	6	0	--
Alkalinity	mg/L	TNMESO	Park	Interior	143	18	134	140	152	114	179	9	0	--
Alkalinity	mg/L	TSB	Park	Interior	172	32	144	171	201	121	237	44	0	NC
Alkalinity	mg/L	TSMESO	Park	Interior	96	33	68	83	126	66	154	8	0	--
Chromium VI	#N/A	S334	WCA-3	Outflow	6.8			6.8		6.8	6.8	1	0	--
Annual Average DO	mg/L	ACME1DS	Refuge	Inflow	5.67	0.78	4.98	5.59	6.40	4.56	6.52	5	0	--
Dissolved Oxygen	mg/L	ACME1DS	Refuge	Inflow	5.59	1.89	4.43	5.42	6.83	1.35	12.01	66		
Annual Average DO	mg/L	ENR012	Refuge	Inflow	2.22	0.42	1.84	2.14	2.64	1.70	2.72	5	100	--
Dissolved Oxygen	mg/L	ENR012	Refuge	Inflow	2.22	1.60	0.96	1.98	3.02	0.08	7.55	260		
Annual Average DO	mg/L	G300	Refuge	Inflow	4.40	0.83		4.40		3.82	4.99	2	0	--
Dissolved Oxygen	mg/L	G300	Refuge	Inflow	3.50	2.21	1.96	2.69	4.82	0.71	10.10	20		
Annual Average DO	mg/L	G301	Refuge	Inflow	2.48			2.48		2.48	2.48	1	100	--
Dissolved Oxygen	mg/L	G301	Refuge	Inflow	2.86	1.94	1.25	1.96	4.41	1.09	6.51	11		
Annual Average DO	mg/L	G310	Refuge	Inflow	3.64	0.42	3.22	3.77	4.01	3.08	4.10	5	0	--
Dissolved Oxygen	mg/L	G310	Refuge	Inflow	3.66	1.86	2.28	3.53	4.85	0.05	9.50	255		
Annual Average DO	mg/L	G94D	Refuge	Inflow	5.26	0.74	4.59	5.29	5.93	4.19	6.16	5	0	--
Dissolved Oxygen	mg/L	G94D	Refuge	Inflow	5.21	1.97	3.87	5.05	6.53	1.17	10.20	68		
Annual Average DO	mg/L	S5A	Refuge	Inflow	4.72			4.72		4.72	4.72	1	0	--
Dissolved Oxygen	mg/L	S5A	Refuge	Inflow	4.72	1.08	3.72	4.84	5.58	3.42	6.49	9		
Dissolved Oxygen	mg/L	S5AS	Refuge	Inflow	4.28			4.28		4.28	4.28	1		
Annual Average DO	mg/L	S6	Refuge	Inflow	3.51			3.51		3.51	3.51	1	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Dissolved Oxygen	mg/L	S6	Refuge	Inflow	3.51	2.00	2.12	2.74	4.43	1.29	9.59	43		
Annual Average DO	mg/L	LOX10	Refuge	Interior	3.84	0.52	3.35	3.94	4.28	3.32	4.60	5	0	--
Dissolved Oxygen	mg/L	LOX10	Refuge	Interior	3.80	1.41	2.83	3.47	4.34	1.89	8.28	37		
Annual Average DO	mg/L	LOX11	Refuge	Interior	3.22	0.28	2.93	3.33	3.45	2.80	3.48	5	0	--
Dissolved Oxygen	mg/L	LOX11	Refuge	Interior	3.21	1.96	1.67	2.92	4.45	0.27	8.73	57		
Annual Average DO	mg/L	LOX12	Refuge	Interior	3.84	1.00	2.84	4.24	4.63	2.30	4.75	5	20.0±29.4	--
Dissolved Oxygen	mg/L	LOX12	Refuge	Interior	3.76	1.90	2.27	3.47	5.25	0.44	8.37	63		
Annual Average DO	mg/L	LOX13	Refuge	Interior	3.61	0.80	2.93	3.72	4.24	2.54	4.76	5	20.0±29.4	--
Dissolved Oxygen	mg/L	LOX13	Refuge	Interior	3.61	2.23	1.90	3.36	5.41	0.26	8.89	52		
Annual Average DO	mg/L	LOX14	Refuge	Interior	2.88	0.61	2.43	2.74	3.40	2.12	3.80	5	20.0±29.4	--
Dissolved Oxygen	mg/L	LOX14	Refuge	Interior	2.82	1.74	1.52	2.28	4.07	0.50	6.49	59		
Annual Average DO	mg/L	LOX15	Refuge	Interior	3.77	0.65	3.22	3.87	4.26	2.75	4.53	5	0	--
Dissolved Oxygen	mg/L	LOX15	Refuge	Interior	3.72	1.65	2.55	3.43	5.02	0.70	8.38	60		
Annual Average DO	mg/L	LOX16	Refuge	Interior	2.09	0.44	1.72	2.14	2.44	1.37	2.50	5	80.0±29.4	--
Dissolved Oxygen	mg/L	LOX16	Refuge	Interior	2.06	1.37	1.06	1.74	2.77	0.25	6.72	57		
Annual Average DO	mg/L	LOX3	Refuge	Interior	4.72	1.12	3.59	5.01	5.69	3.16	5.95	5	0	--
Dissolved Oxygen	mg/L	LOX3	Refuge	Interior	4.55	2.02	3.08	4.00	6.44	1.45	8.63	28		
Annual Average DO	mg/L	LOX4	Refuge	Interior	3.15	0.27	2.88	3.24	3.38	2.83	3.48	5	0	--
Dissolved Oxygen	mg/L	LOX4	Refuge	Interior	3.16	1.30	2.20	3.09	3.88	1.33	7.83	40		
Annual Average DO	mg/L	LOX5	Refuge	Interior	4.13	0.98	3.29	3.95	5.06	2.94	5.53	5	0	--
Dissolved Oxygen	mg/L	LOX5	Refuge	Interior	4.09	2.11	2.81	3.41	5.34	1.06	9.68	32		
Annual Average DO	mg/L	LOX6	Refuge	Interior	3.66	0.43	3.26	3.60	4.08	3.08	4.11	5	0	--
Dissolved Oxygen	mg/L	LOX6	Refuge	Interior	3.62	1.96	1.76	3.32	4.96	0.36	8.52	55		
Annual Average DO	mg/L	LOX7	Refuge	Interior	3.60	0.94	2.70	3.52	4.55	2.50	4.59	5	0	--
Dissolved Oxygen	mg/L	LOX7	Refuge	Interior	3.62	2.04	2.10	3.71	4.64	0.19	9.33	52		
Annual Average DO	mg/L	LOX8	Refuge	Interior	4.30	0.60	3.77	4.25	4.86	3.42	4.91	5	0	--
Dissolved Oxygen	mg/L	LOX8	Refuge	Interior	4.32	1.96	2.98	3.91	5.70	1.09	10.03	53		
Annual Average DO	mg/L	LOX9	Refuge	Interior	3.69	0.66	3.12	3.75	4.23	2.87	4.68	5	0	--
Dissolved Oxygen	mg/L	LOX9	Refuge	Interior	3.66	1.96	2.62	3.06	4.69	1.13	10.05	38		
Annual Average DO	mg/L	X1	Refuge	Interior	1.03	0.40	0.71	0.80	1.46	0.68	1.53	5	100	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Dissolved Oxygen	mg/L	X1	Refuge	Interior	1.00	1.12	0.43	0.65	1.20	0.16	7.07	50		
Annual Average DO	mg/L	X2	Refuge	Interior	1.95	0.55	1.41	2.08	2.42	1.15	2.59	5	100	--
Dissolved Oxygen	mg/L	X2	Refuge	Interior	1.92	1.32	1.06	1.52	2.37	0.39	7.64	49		
Annual Average DO	mg/L	X3	Refuge	Interior	2.22	0.60	1.72	2.01	2.83	1.48	2.92	5	80.0±29.4	--
Dissolved Oxygen	mg/L	X3	Refuge	Interior	2.21	1.35	1.18	1.75	3.03	0.47	6.43	51		
Annual Average DO	mg/L	X4	Refuge	Interior	2.96	0.78	2.25	2.85	3.72	2.05	3.98	5	40.0±36.0	--
Dissolved Oxygen	mg/L	X4	Refuge	Interior	2.86	1.64	1.60	2.57	4.07	0.43	7.26	52		
Annual Average DO	mg/L	Y4	Refuge	Interior	2.59	0.73	1.81	3.05	3.16	1.64	3.18	5	60.0±36.0	--
Dissolved Oxygen	mg/L	Y4	Refuge	Interior	2.57	1.49	1.34	2.33	3.54	0.52	6.63	51		
Annual Average DO	mg/L	Z1	Refuge	Interior	0.97	0.31	0.76	0.94	1.20	0.59	1.45	5	100	--
Dissolved Oxygen	mg/L	Z1	Refuge	Interior	0.96	0.80	0.39	0.60	1.29	0.10	3.41	51		
Annual Average DO	mg/L	Z2	Refuge	Interior	1.66	0.26	1.46	1.60	1.89	1.33	2.04	5	100	--
Dissolved Oxygen	mg/L	Z2	Refuge	Interior	1.69	1.11	0.84	1.61	2.21	0.19	5.95	47		
Annual Average DO	mg/L	Z3	Refuge	Interior	3.44	0.60	2.98	3.33	3.95	2.81	4.42	5	20.0±29.4	--
Dissolved Oxygen	mg/L	Z3	Refuge	Interior	3.46	1.66	2.27	3.25	4.49	0.76	7.33	55		
Annual Average DO	mg/L	Z4	Refuge	Interior	3.84	1.10	3.17	3.47	4.69	3.10	5.76	5	0	--
Dissolved Oxygen	mg/L	Z4	Refuge	Interior	3.80	2.03	2.13	3.43	5.24	0.62	8.81	55		
Annual Average DO	mg/L	S6D	Refuge	Rim	3.68	0.47		3.68		3.35	4.01	2	0	--
Dissolved Oxygen	mg/L	S6D	Refuge	Rim	3.75	1.70	2.66	3.30	5.03	0.55	6.98	20		
Annual Average DO	mg/L	X0	Refuge	Rim	3.97	0.60	3.51	3.83	4.49	3.31	4.94	5	0	--
Dissolved Oxygen	mg/L	X0	Refuge	Rim	3.88	1.57	2.56	3.77	5.21	0.92	7.71	57		
Annual Average DO	mg/L	Z0	Refuge	Rim	4.03	0.56	3.57	3.91	4.56	3.41	4.86	5	0	--
Dissolved Oxygen	mg/L	Z0	Refuge	Rim	3.98	1.66	2.60	3.92	5.20	0.99	8.51	58		
Annual Average DO	mg/L	G94B	Refuge	Outflow	3.49	0.51	3.02	3.57	3.92	2.70	3.99	5	0	--
Dissolved Oxygen	mg/L	G94B	Refuge	Outflow	3.47	1.71	2.09	3.35	4.62	0.69	7.09	58		
Annual Average DO	mg/L	S10A	Refuge	Outflow	5.77	0.86	4.93	6.04	6.48	4.50	6.73	5	0	--
Dissolved Oxygen	mg/L	S10A	Refuge	Outflow	5.74	2.32	4.25	5.52	7.67	1.04	10.26	35		
Annual Average DO	mg/L	S10C	Refuge	Outflow	5.56	0.75	4.93	5.20	6.37	4.87	6.44	5	0	--
Dissolved Oxygen	mg/L	S10C	Refuge	Outflow	5.40	1.81	4.21	4.96	6.56	2.64	9.88	34		
Annual Average DO	mg/L	S10D	Refuge	Outflow	4.40	0.93	3.39	4.99	5.12	3.25	5.16	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Dissolved Oxygen	mg/L	S10D	Refuge	Outflow	4.40	2.09	2.82	4.18	5.88	0.61	10.40	69		
Annual Average DO	mg/L	S10E	Refuge	Outflow	4.44	0.92	3.49	4.70	5.27	3.32	5.45	5	0	--
Dissolved Oxygen	mg/L	S10E	Refuge	Outflow	4.40	2.16	2.56	4.38	6.18	0.21	8.63	56		
Annual Average DO	mg/L	S39	Refuge	Outflow	5.69	0.48	5.30	5.45	6.22	5.25	6.26	5	0	--
Dissolved Oxygen	mg/L	S39	Refuge	Outflow	5.74	1.97	4.48	5.72	7.28	1.33	9.55	80		
Annual Average DO	mg/L	E0	WCA-2	Inflow	3.78	0.72	3.12	4.01	4.33	2.61	4.45	5	20.0±29.4	--
Dissolved Oxygen	mg/L	E0	WCA-2	Inflow	3.73	1.52	2.70	3.72	4.74	0.55	7.81	55		
Annual Average DO	mg/L	F0	WCA-2	Inflow	2.84	0.77	2.17	2.54	3.66	2.04	3.68	5	60.0±36.0	--
Dissolved Oxygen	mg/L	F0	WCA-2	Inflow	2.86	1.76	1.53	2.56	3.69	0.25	7.80	56		
Annual Average DO	mg/L	G335	WCA-2	Inflow	4.95	0.55	4.65	4.76	5.34	4.56	5.91	5	0	--
Dissolved Oxygen	mg/L	G335	WCA-2	Inflow	4.88	1.53	3.66	4.95	5.98	1.57	9.39	238		
Dissolved Oxygen	mg/L	G339	WCA-2	Inflow	1.91			1.91		1.91	1.91	1		
Annual Average DO	mg/L	S10A	WCA-2	Inflow	5.77	0.86	4.93	6.04	6.48	4.50	6.73	5	0	--
Dissolved Oxygen	mg/L	S10A	WCA-2	Inflow	5.74	2.32	4.25	5.52	7.67	1.04	10.26	35		
Annual Average DO	mg/L	S10C	WCA-2	Inflow	5.56	0.75	4.93	5.20	6.37	4.87	6.44	5	0	--
Dissolved Oxygen	mg/L	S10C	WCA-2	Inflow	5.40	1.81	4.21	4.96	6.56	2.64	9.88	34		
Annual Average DO	mg/L	S10D	WCA-2	Inflow	4.40	0.93	3.39	4.99	5.12	3.25	5.16	5	0	--
Dissolved Oxygen	mg/L	S10D	WCA-2	Inflow	4.40	2.09	2.82	4.18	5.88	0.61	10.40	69		
Annual Average DO	mg/L	S10E	WCA-2	Inflow	4.44	0.92	3.49	4.70	5.27	3.32	5.45	5	0	--
Dissolved Oxygen	mg/L	S10E	WCA-2	Inflow	4.40	2.16	2.56	4.38	6.18	0.21	8.63	56		
Annual Average DO	mg/L	S38B	WCA-2	Inflow	3.11	1.24	1.73	3.48	4.13	1.73	4.13	3	100	--
Dissolved Oxygen	mg/L	S38B	WCA-2	Inflow	3.36	1.72	2.00	3.08	4.98	1.10	7.09	18		
Annual Average DO	mg/L	S7	WCA-2	Inflow	4.75	1.05	3.94	4.55	5.67	3.33	6.22	5	20.0±29.4	--
Dissolved Oxygen	mg/L	S7	WCA-2	Inflow	4.89	2.14	3.08	4.88	6.51	0.50	9.51	167		
Annual Average DO	mg/L	CA215	WCA-2	Interior	4.37	1.17	3.49	3.86	5.50	3.34	6.22	5	0	--
Dissolved Oxygen	mg/L	CA215	WCA-2	Interior	4.28	2.15	2.73	4.09	5.61	0.27	11.50	103		
Annual Average DO	mg/L	CA27	WCA-2	Interior	3.52	0.78	2.95	3.36	4.17	2.77	4.81	5	0	--
Dissolved Oxygen	mg/L	CA27	WCA-2	Interior	3.47	2.24	1.71	2.96	4.75	0.31	10.10	88		
Annual Average DO	mg/L	CA28	WCA-2	Interior	2.07	0.95	1.29	2.07	2.87	0.89	3.49	5	80.0±29.4	--
Dissolved Oxygen	mg/L	CA28	WCA-2	Interior	2.04	1.80	0.80	1.59	2.38	0.13	9.53	71		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Annual Average DO	mg/L	CA29	WCA-2	Interior	4.21	0.82	3.67	3.81	4.95	3.64	5.60	5	0	--
Dissolved Oxygen	mg/L	CA29	WCA-2	Interior	4.17	1.99	2.81	3.82	5.10	0.27	11.90	101		
Annual Average DO	mg/L	E1	WCA-2	Interior	2.02	1.30	1.11	1.60	3.13	1.08	4.23	5	80.0±29.4	--
Dissolved Oxygen	mg/L	E1	WCA-2	Interior	1.86	1.62	0.76	1.33	2.29	0.27	8.54	40		
Annual Average DO	mg/L	E2	WCA-2	Interior	1.63	0.73	1.05	1.37	2.35	0.92	2.77	5	100	--
Dissolved Oxygen	mg/L	E2	WCA-2	Interior	1.64	1.43	0.68	1.12	2.17	0.18	6.95	32		
Annual Average DO	mg/L	E3	WCA-2	Interior	1.75	0.39	1.39	1.77	2.10	1.28	2.30	5	100	--
Dissolved Oxygen	mg/L	E3	WCA-2	Interior	1.79	1.20	0.91	1.57	2.31	0.19	4.96	35		
Annual Average DO	mg/L	E4	WCA-2	Interior	1.92	0.46	1.48	1.97	2.33	1.31	2.48	5	100	--
Dissolved Oxygen	mg/L	E4	WCA-2	Interior	1.96	1.09	0.84	2.02	2.60	0.39	4.46	38		
Annual Average DO	mg/L	E5	WCA-2	Interior	4.71	1.24	3.65	4.61	5.83	3.20	6.53	5	0	--
Dissolved Oxygen	mg/L	E5	WCA-2	Interior	4.48	2.24	3.10	4.11	5.53	1.12	15.15	42		
Annual Average DO	mg/L	F1	WCA-2	Interior	2.04	0.48	1.67	1.73	2.56	1.65	2.58	5	100	--
Dissolved Oxygen	mg/L	F1	WCA-2	Interior	2.03	1.71	0.82	1.48	3.05	0.12	9.03	110		
Annual Average DO	mg/L	F2	WCA-2	Interior	2.02	0.51	1.68	1.82	2.48	1.67	2.89	5	100	--
Dissolved Oxygen	mg/L	F2	WCA-2	Interior	1.91	1.53	0.97	1.43	2.42	0.15	9.15	127		
Annual Average DO	mg/L	F3	WCA-2	Interior	2.53	0.78	1.80	2.56	3.24	1.49	3.54	5	100	--
Dissolved Oxygen	mg/L	F3	WCA-2	Interior	2.66	2.10	1.35	1.96	3.59	0.18	12.18	48		
Annual Average DO	mg/L	F4	WCA-2	Interior	2.73	0.62	2.14	2.72	3.32	1.91	3.47	5	60.0±36.0	--
Dissolved Oxygen	mg/L	F4	WCA-2	Interior	2.69	1.88	1.21	2.17	3.77	0.24	11.40	126		
Annual Average DO	mg/L	F5	WCA-2	Interior	3.67	0.94	2.98	3.50	4.45	2.72	5.23	5	20.0±29.4	--
Dissolved Oxygen	mg/L	F5	WCA-2	Interior	3.76	2.29	1.89	3.50	4.50	0.48	13.54	45		
Annual Average DO	mg/L	S144	WCA-2	Interior	4.39			4.39		4.39	4.39	1	0	--
Dissolved Oxygen	mg/L	S144	WCA-2	Interior	4.55	1.46	3.28	4.22	5.36	2.54	7.31	18		
Annual Average DO	mg/L	S145	WCA-2	Interior	4.65	0.26	4.42	4.67	4.88	4.30	4.99	5	0	--
Dissolved Oxygen	mg/L	S145	WCA-2	Interior	4.64	1.56	3.50	4.46	5.72	1.38	7.92	79		
Annual Average DO	mg/L	S146	WCA-2	Interior	4.15			4.15		4.15	4.15	1	0	--
Dissolved Oxygen	mg/L	S146	WCA-2	Interior	4.20	1.15	3.46	3.87	5.18	2.44	6.22	18		
Annual Average DO	mg/L	U1	WCA-2	Interior	3.09	0.74	2.42	3.23	3.69	1.93	3.86	5	40.0±36.0	--
Dissolved Oxygen	mg/L	U1	WCA-2	Interior	3.12	2.30	1.56	2.75	4.00	0.65	14.19	44		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Annual Average DO	mg/L	U2	WCA-2	Interior	5.40	0.59	4.86	5.37	5.97	4.84	6.25	5	0	--
Dissolved Oxygen	mg/L	U2	WCA-2	Interior	5.59	2.41	3.67	5.53	6.50	2.08	16.11	39		
Annual Average DO	mg/L	U3	WCA-2	Interior	4.21	1.01	3.45	4.08	5.04	3.05	5.82	5	0	--
Dissolved Oxygen	mg/L	U3	WCA-2	Interior	4.21	1.99	2.83	3.96	5.29	1.39	12.18	43		
Annual Average DO	mg/L	S11A	WCA-2	Outflow	5.67	0.63	5.10	5.74	6.21	4.73	6.40	5	0	--
Dissolved Oxygen	mg/L	S11A	WCA-2	Outflow	5.66	1.84	4.28	5.85	6.89	1.90	9.68	74		
Annual Average DO	mg/L	S11B	WCA-2	Outflow	4.69	0.99	3.69	4.93	5.58	3.45	5.86	5	0	--
Dissolved Oxygen	mg/L	S11B	WCA-2	Outflow	4.52	1.88	2.62	4.59	6.10	1.40	8.02	39		
Annual Average DO	mg/L	S11C	WCA-2	Outflow	4.18	0.51	3.87	3.96	4.61	3.82	5.07	5	0	--
Dissolved Oxygen	mg/L	S11C	WCA-2	Outflow	4.14	1.99	2.41	3.74	5.65	1.24	9.30	72		
Annual Average DO	mg/L	S34	WCA-2	Outflow	4.62	0.64	4.06	4.49	5.24	4.03	5.59	5	0	--
Dissolved Oxygen	mg/L	S34	WCA-2	Outflow	4.61	1.78	3.29	4.73	5.82	0.80	7.71	78		
Annual Average DO	mg/L	S38	WCA-2	Outflow	3.92	0.41	3.56	3.87	4.31	3.36	4.43	5	40.0±36.0	--
Dissolved Oxygen	mg/L	S38	WCA-2	Outflow	3.94	1.98	2.35	3.54	5.28	1.16	10.31	70		
Annual Average DO	mg/L	3AE0	WCA-3	Inflow	7.24	0.68	6.57	7.43	7.83	6.55	8.17	5	0	--
Dissolved Oxygen	mg/L	3AE0	WCA-3	Inflow	7.19	2.06	5.72	7.53	8.55	1.97	13.03	43		
Annual Average DO	mg/L	3AW0	WCA-3	Inflow	7.38	0.88	6.69	7.13	8.20	6.57	8.79	5	0	--
Dissolved Oxygen	mg/L	3AW0	WCA-3	Inflow	7.19	2.12	6.14	7.44	8.45	1.82	12.77	45		
Annual Average DO	mg/L	C123SR84	WCA-3	Inflow	4.74	0.63	4.21	4.46	5.42	4.14	5.51	5	0	--
Dissolved Oxygen	mg/L	C123SR84	WCA-3	Inflow	4.79	2.17	2.77	4.52	6.61	0.90	9.12	76		
Annual Average DO	mg/L	G123	WCA-3	Inflow	4.13	1.16	3.07	4.15	5.18	2.71	5.74	5	20.0±29.4	--
Dissolved Oxygen	mg/L	G123	WCA-3	Inflow	4.37	1.99	2.98	4.17	5.66	0.52	10.69	160		
Annual Average DO	mg/L	G204	WCA-3	Inflow	4.94	0.54		4.94		4.56	5.32	2	0	--
Dissolved Oxygen	mg/L	G204	WCA-3	Inflow	4.69	2.29	2.84	4.67	6.16	0.88	9.08	15		
Annual Average DO	mg/L	G205	WCA-3	Inflow	4.87	0.70	4.06	5.26	5.29	4.06	5.29	3	0	--
Dissolved Oxygen	mg/L	G205	WCA-3	Inflow	4.54	1.77	3.01	4.79	6.12	1.35	6.52	18		
Annual Average DO	mg/L	G206	WCA-3	Inflow	3.91	0.94	3.03	3.81	4.90	3.03	4.90	3	33.3±44.8	--
Dissolved Oxygen	mg/L	G206	WCA-3	Inflow	3.76	2.21	1.94	3.21	5.35	0.88	8.25	17		
Annual Average DO	mg/L	L3	WCA-3	Inflow	4.79			4.79		4.79	4.79	1	0	--
Dissolved Oxygen	mg/L	L3	WCA-3	Inflow	4.79	2.25	3.08	5.35	6.22	0.84	6.23	5		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Annual Average DO	mg/L	S11A	WCA-3	Inflow	5.67	0.63	5.10	5.74	6.21	4.73	6.40	5	0	--
Dissolved Oxygen	mg/L	S11A	WCA-3	Inflow	5.66	1.84	4.28	5.85	6.89	1.90	9.68	74		
Annual Average DO	mg/L	S11B	WCA-3	Inflow	4.69	0.99	3.69	4.93	5.58	3.45	5.86	5	0	--
Dissolved Oxygen	mg/L	S11B	WCA-3	Inflow	4.52	1.88	2.62	4.59	6.10	1.40	8.02	39		
Annual Average DO	mg/L	S11C	WCA-3	Inflow	4.18	0.51	3.87	3.96	4.61	3.82	5.07	5	0	--
Dissolved Oxygen	mg/L	S11C	WCA-3	Inflow	4.14	1.99	2.41	3.74	5.65	1.24	9.30	72		
Annual Average DO	mg/L	S140	WCA-3	Inflow	4.66	0.72	4.06	4.68	5.25	3.70	5.68	5	0	--
Dissolved Oxygen	mg/L	S140	WCA-3	Inflow	4.81	2.39	2.52	5.14	6.72	0.86	10.00	163		
Annual Average DO	mg/L	S142	WCA-3	Inflow	3.83	0.73	3.18	3.69	4.55	2.89	4.73	5	20.0±29.4	--
Dissolved Oxygen	mg/L	S142	WCA-3	Inflow	3.83	1.65	2.68	3.52	4.87	0.70	7.92	95		
Annual Average DO	mg/L	S150	WCA-3	Inflow	5.19	0.83	4.43	5.17	5.96	4.35	6.40	5	0	--
Dissolved Oxygen	mg/L	S150	WCA-3	Inflow	5.19	2.04	3.42	5.09	6.84	0.91	9.66	152		
Annual Average DO	mg/L	S151	WCA-3	Inflow	3.54	0.33	3.20	3.64	3.84	3.12	3.85	5	40.0±36.0	--
Dissolved Oxygen	mg/L	S151	WCA-3	Inflow	3.54	1.89	2.07	3.17	4.84	0.61	11.61	80		
Annual Average DO	mg/L	S190	WCA-3	Inflow	5.95	0.27	5.74	6.01	6.14	5.49	6.16	5	0	--
Dissolved Oxygen	mg/L	S190	WCA-3	Inflow	5.92	2.28	4.11	6.42	7.61	1.56	10.90	88		
Annual Average DO	mg/L	S8	WCA-3	Inflow	5.17	0.27	4.93	5.20	5.39	4.85	5.57	5	0	--
Dissolved Oxygen	mg/L	S8	WCA-3	Inflow	5.17	2.23	3.41	5.02	6.70	0.18	13.53	269		
Annual Average DO	mg/L	S9	WCA-3	Inflow	2.95	0.41	2.67	2.88	3.27	2.56	3.64	5	80.0±29.4	--
Dissolved Oxygen	mg/L	S9	WCA-3	Inflow	2.93	1.50	1.69	2.83	3.90	0.45	8.45	249		
Annual Average DO	mg/L	3AE05	WCA-3	Interior	2.02	1.40	1.00	1.45	3.61	1.00	3.61	3	100	--
Dissolved Oxygen	mg/L	3AE05	WCA-3	Interior	2.24	2.12	0.99	1.36	2.82	0.43	9.48	21		
Annual Average DO	mg/L	3AE10	WCA-3	Interior	1.42	0.68	0.96	1.16	2.13	0.94	2.41	4	100	--
Dissolved Oxygen	mg/L	3AE10	WCA-3	Interior	1.48	1.14	0.69	1.18	1.75	0.26	4.88	28		
Annual Average DO	mg/L	3AE15	WCA-3	Interior	1.65	0.46	1.28	1.54	2.14	1.24	2.28	4	100	--
Dissolved Oxygen	mg/L	3AE15	WCA-3	Interior	1.64	0.76	1.18	1.46	2.25	0.36	3.51	33		
Annual Average DO	mg/L	3AE20	WCA-3	Interior	3.68	1.48	2.58	3.53	4.85	2.24	6.14	5	40.0±36.0	--
Dissolved Oxygen	mg/L	3AE20	WCA-3	Interior	3.38	1.78	2.44	2.84	3.72	1.23	10.01	39		
Annual Average DO	mg/L	3AE40	WCA-3	Interior	4.20	0.81	3.39	4.41	4.90	3.28	5.26	5	0	--
Dissolved Oxygen	mg/L	3AE40	WCA-3	Interior	4.26	1.42	3.57	4.39	5.03	1.08	7.92	36		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Annual Average DO	mg/L	3ANMESO	WCA-3	Interior	2.92	0.82	2.07	3.10	3.69	2.01	3.75	5	40.0±36.0	--
Dissolved Oxygen	mg/L	3ANMESO	WCA-3	Interior	2.69	1.68	1.62	2.20	3.46	0.37	9.74	43		
Annual Average DO	mg/L	3ASMESO	WCA-3	Interior	3.44	1.30	2.22	3.71	4.53	2.18	5.34	5	40.0±36.0	--
Dissolved Oxygen	mg/L	3ASMESO	WCA-3	Interior	3.09	2.01	1.52	2.59	4.47	0.35	10.09	44		
Annual Average DO	mg/L	3AW05	WCA-3	Interior	1.30	0.59	0.85	1.13	1.92	0.81	2.13	4	100	--
Dissolved Oxygen	mg/L	3AW05	WCA-3	Interior	1.31	0.72	0.78	1.23	1.61	0.27	2.93	24		
Annual Average DO	mg/L	3AW10	WCA-3	Interior	1.69	0.93	0.86	1.57	2.63	0.78	2.83	4	100	--
Dissolved Oxygen	mg/L	3AW10	WCA-3	Interior	1.66	1.27	0.71	1.25	2.33	0.19	5.47	32		
Annual Average DO	mg/L	3AW15	WCA-3	Interior	1.61	0.37	1.26	1.62	1.96	1.21	2.00	4	100	--
Dissolved Oxygen	mg/L	3AW15	WCA-3	Interior	1.73	1.15	1.04	1.64	2.06	0.20	5.97	33		
Annual Average DO	mg/L	3AW20	WCA-3	Interior	1.55	0.48	1.08	1.57	2.02	0.98	2.11	4	100	--
Dissolved Oxygen	mg/L	3AW20	WCA-3	Interior	1.69	0.99	0.96	1.54	1.86	0.27	4.48	34		
Annual Average DO	mg/L	3AW40	WCA-3	Interior	5.32	1.27	4.30	5.60	6.21	3.14	6.38	5	0	--
Dissolved Oxygen	mg/L	3AW40	WCA-3	Interior	5.08	2.11	3.78	4.60	6.58	0.77	10.28	41		
Annual Average DO	mg/L	CA311	WCA-3	Interior	3.82	0.41	3.46	3.84	4.18	3.38	4.46	5	0	--
Dissolved Oxygen	mg/L	CA311	WCA-3	Interior	3.82	1.76	2.54	3.51	4.96	0.37	10.32	102		
Annual Average DO	mg/L	CA315	WCA-3	Interior	3.39	0.78	2.87	3.23	3.98	2.77	4.74	5	0	--
Dissolved Oxygen	mg/L	CA315	WCA-3	Interior	3.31	2.14	1.73	3.00	4.48	0.29	10.10	111		
Annual Average DO	mg/L	CA316	WCA-3	Interior	2.08	0.67	1.65	1.89	2.61	1.58	3.24	5	80.0±29.4	--
Dissolved Oxygen	mg/L	CA316	WCA-3	Interior	2.06	1.37	1.01	1.75	2.77	0.25	7.11	102		
Annual Average DO	mg/L	CA317	WCA-3	Interior	4.29	0.78	3.48	4.54	4.98	3.36	5.19	5	0	--
Dissolved Oxygen	mg/L	CA317	WCA-3	Interior	4.25	1.89	3.00	4.26	5.57	0.75	8.72	119		
Annual Average DO	mg/L	CA318	WCA-3	Interior	2.93	0.51	2.58	2.80	3.36	2.37	3.76	5	20.0±29.4	--
Dissolved Oxygen	mg/L	CA318	WCA-3	Interior	2.91	2.07	1.11	2.45	4.35	0.21	7.71	110		
Annual Average DO	mg/L	CA32	WCA-3	Interior	3.53	0.44	3.09	3.55	3.95	3.06	4.10	5	0	--
Dissolved Oxygen	mg/L	CA32	WCA-3	Interior	3.43	1.57	2.27	3.19	4.31	1.21	7.98	69		
Annual Average DO	mg/L	CA33	WCA-3	Interior	2.86	0.63	2.40	2.68	3.40	2.35	3.93	5	60.0±36.0	--
Dissolved Oxygen	mg/L	CA33	WCA-3	Interior	2.76	1.62	1.70	2.40	3.88	0.45	8.30	76		
Annual Average DO	mg/L	CA34	WCA-3	Interior	3.26	0.79	2.58	3.09	4.03	2.30	4.37	5	20.0±29.4	--
Dissolved Oxygen	mg/L	CA34	WCA-3	Interior	3.14	1.81	2.14	2.76	3.77	0.54	11.20	67		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Annual Average DO	mg/L	CA35	WCA-3	Interior	3.98	0.42	3.61	3.89	4.41	3.50	4.54	5	0	--
Dissolved Oxygen	mg/L	CA35	WCA-3	Interior	3.91	1.58	2.50	3.81	5.18	1.08	7.33	49		
Annual Average DO	mg/L	CA36	WCA-3	Interior	1.87	0.71	1.33	1.66	2.62	1.30	2.86	4	75.0±35.6	--
Dissolved Oxygen	mg/L	CA36	WCA-3	Interior	1.62	1.05	0.90	1.34	2.03	0.24	4.23	41		
Annual Average DO	mg/L	CA38	WCA-3	Interior	3.39	0.37	3.08	3.34	3.73	2.86	3.83	5	0	--
Dissolved Oxygen	mg/L	CA38	WCA-3	Interior	3.32	1.47	2.37	3.05	4.08	1.10	7.85	79		
Annual Average DO	mg/L	S12A	WCA-3	Outflow	3.78	0.26	3.53	3.86	4.00	3.46	4.11	5	0	--
Dissolved Oxygen	mg/L	S12A	WCA-3	Outflow	3.79	1.45	2.72	3.62	4.70	0.10	7.68	128		
Annual Average DO	mg/L	S12B	WCA-3	Outflow	3.87	0.28	3.62	3.98	4.07	3.41	4.14	5	0	--
Dissolved Oxygen	mg/L	S12B	WCA-3	Outflow	3.86	1.50	2.72	3.70	4.89	0.17	8.45	127		
Annual Average DO	mg/L	S12C	WCA-3	Outflow	3.37	0.31	3.05	3.39	3.67	3.05	3.69	5	0	--
Dissolved Oxygen	mg/L	S12C	WCA-3	Outflow	3.35	1.54	2.23	3.20	4.63	0.29	7.66	127		
Annual Average DO	mg/L	S12D	WCA-3	Outflow	3.18	0.44	2.76	3.19	3.61	2.63	3.61	5	40.0±36.0	--
Dissolved Oxygen	mg/L	S12D	WCA-3	Outflow	3.14	1.48	2.02	2.96	4.19	0.33	8.22	139		
Annual Average DO	mg/L	S197	WCA-3	Outflow	5.86			5.86		5.86	5.86	1	0	--
Dissolved Oxygen	mg/L	S197	WCA-3	Outflow	5.13	2.45	2.37	5.66	6.83	2.03	8.99	9		
Annual Average DO	mg/L	S31	WCA-3	Outflow	3.09	0.98	2.10	3.20	3.96	1.90	4.05	4	50.0±41.1	--
Dissolved Oxygen	mg/L	S31	WCA-3	Outflow	3.29	2.02	1.94	2.75	4.40	0.63	8.96	37		
Annual Average DO	mg/L	S333	WCA-3	Outflow	3.37	0.24	3.17	3.27	3.62	3.09	3.68	5	0	--
Dissolved Oxygen	mg/L	S333	WCA-3	Outflow	3.35	1.44	2.25	3.23	4.31	0.33	7.70	139		
Annual Average DO	mg/L	S334	WCA-3	Outflow	4.54	0.73	3.76	4.85	5.17	3.63	5.23	5	0	--
Dissolved Oxygen	mg/L	S334	WCA-3	Outflow	4.54	2.04	3.32	4.38	5.71	0.19	8.94	80		
Annual Average DO	mg/L	S344	WCA-3	Outflow	3.35	0.70	2.65	3.34	4.05	2.65	4.05	3	0	--
Dissolved Oxygen	mg/L	S344	WCA-3	Outflow	3.53	1.64	2.15	3.17	5.01	1.27	6.69	16		
Annual Average DO	mg/L	S355A	WCA-3	Outflow	5.88	0.64	5.39	5.73	6.44	5.33	6.95	5	0	--
Dissolved Oxygen	mg/L	S355A	WCA-3	Outflow	5.87	1.73	4.72	5.66	6.55	2.86	12.37	61		
Annual Average DO	mg/L	S355B	WCA-3	Outflow	5.02	1.05	4.28	4.83	5.86	4.07	6.80	5	0	--
Dissolved Oxygen	mg/L	S355B	WCA-3	Outflow	5.02	1.91	3.83	4.57	5.58	1.54	10.40	61		
Annual Average DO	mg/L	US41-25	WCA-3	Outflow	2.79	0.25	2.60	2.76	2.99	2.53	3.20	5	0	--
Dissolved Oxygen	mg/L	US41-25	WCA-3	Outflow	2.78	0.88	2.38	2.72	3.34	0.11	6.47	129		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Annual Average DO	mg/L	S12A	Park	Inflow	3.78	0.26	3.53	3.86	4.00	3.46	4.11	5	0	--
Dissolved Oxygen	mg/L	S12A	Park	Inflow	3.79	1.45	2.72	3.62	4.70	0.10	7.68	128		
Annual Average DO	mg/L	S12B	Park	Inflow	3.87	0.28	3.62	3.98	4.07	3.41	4.14	5	0	--
Dissolved Oxygen	mg/L	S12B	Park	Inflow	3.86	1.50	2.72	3.70	4.89	0.17	8.45	127		
Annual Average DO	mg/L	S12C	Park	Inflow	3.37	0.31	3.05	3.39	3.67	3.05	3.69	5	0	--
Dissolved Oxygen	mg/L	S12C	Park	Inflow	3.35	1.54	2.23	3.20	4.63	0.29	7.66	127		
Annual Average DO	mg/L	S12D	Park	Inflow	3.18	0.44	2.76	3.19	3.61	2.63	3.61	5	40.0±36.0	--
Dissolved Oxygen	mg/L	S12D	Park	Inflow	3.14	1.48	2.02	2.96	4.19	0.33	8.22	139		
Annual Average DO	mg/L	S175	Park	Inflow	4.22	0.67	3.57	4.26	4.85	3.29	4.86	5	0	--
Dissolved Oxygen	mg/L	S175	Park	Inflow	4.22	1.70	2.79	4.56	5.41	0.23	7.52	131		
Annual Average DO	mg/L	S18C	Park	Inflow	5.05	0.75	4.30	5.19	5.72	4.24	6.03	5	0	--
Dissolved Oxygen	mg/L	S18C	Park	Inflow	5.09	2.41	2.81	5.32	7.30	0.73	9.20	190		
Annual Average DO	mg/L	S332	Park	Inflow	3.97	0.80	3.18	4.04	4.74	2.98	4.81	5	0	--
Dissolved Oxygen	mg/L	S332	Park	Inflow	3.99	1.42	2.83	4.25	4.96	0.89	6.73	130		
Annual Average DO	mg/L	S332D	Park	Inflow	2.62	0.57	2.23	2.47	3.09	2.03	3.58	5	80.0±29.4	--
Dissolved Oxygen	mg/L	S332D	Park	Inflow	2.58	1.93	0.84	2.05	4.15	0.17	8.27	235		
Annual Average DO	mg/L	S333	Park	Inflow	3.37	0.24	3.17	3.27	3.62	3.09	3.68	5	0	--
Dissolved Oxygen	mg/L	S333	Park	Inflow	3.35	1.44	2.25	3.23	4.31	0.33	7.70	139		
Annual Average DO	mg/L	S355A	Park	Inflow	5.88	0.64	5.39	5.73	6.44	5.33	6.95	5	0	--
Dissolved Oxygen	mg/L	S355A	Park	Inflow	5.87	1.73	4.72	5.66	6.55	2.86	12.37	61		
Annual Average DO	mg/L	S355B	Park	Inflow	5.02	1.05	4.28	4.83	5.86	4.07	6.80	5	0	--
Dissolved Oxygen	mg/L	S355B	Park	Inflow	5.02	1.91	3.83	4.57	5.58	1.54	10.40	61		
Annual Average DO	mg/L	T0E	Park	Inflow	5.15	0.67		5.15		4.67	5.62	2	0	--
Dissolved Oxygen	mg/L	T0E	Park	Inflow	5.11	0.86	4.71	5.16	5.67	3.12	6.23	11		
Annual Average DO	mg/L	T0W	Park	Inflow	4.94	0.86		4.94		4.33	5.55	2	0	--
Dissolved Oxygen	mg/L	T0W	Park	Inflow	4.95	1.16	4.44	5.27	5.48	2.36	6.92	11		
Annual Average DO	mg/L	EP	Park	Interior	9.00	0.49	8.51	9.12	9.43	8.32	9.58	5	0	--
Dissolved Oxygen	mg/L	EP	Park	Interior	9.11	1.10	8.48	9.12	9.75	6.06	11.12	33		
Annual Average DO	mg/L	NE1	Park	Interior	3.08	1.16	2.08	2.72	4.26	1.89	4.73	5	60.0±36.0	--
Dissolved Oxygen	mg/L	NE1	Park	Interior	3.00	1.71	1.54	2.79	4.13	0.27	6.52	54		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Annual Average DO	mg/L	NP201	Park	Interior	5.10	0.31	4.77	5.23	5.36	4.67	5.39	5	0	--
Dissolved Oxygen	mg/L	NP201	Park	Interior	5.12	1.57	4.21	5.12	6.39	1.49	8.50	51		
Annual Average DO	mg/L	P33	Park	Interior	4.49	0.65	3.85	4.71	5.02	3.50	5.09	5	0	--
Dissolved Oxygen	mg/L	P33	Park	Interior	4.45	1.68	3.22	4.31	5.71	0.95	9.10	54		
Annual Average DO	mg/L	P34	Park	Interior	6.69	0.61	6.10	6.85	7.20	5.88	7.48	5	0	--
Dissolved Oxygen	mg/L	P34	Park	Interior	6.68	1.13	5.77	6.63	7.27	4.70	9.10	38		
Annual Average DO	mg/L	P35	Park	Interior	4.40	0.36	4.06	4.48	4.71	3.89	4.85	5	0	--
Dissolved Oxygen	mg/L	P35	Park	Interior	4.45	1.07	3.75	4.46	4.96	2.50	7.22	36		
Annual Average DO	mg/L	P36	Park	Interior	4.39	0.68	3.73	4.60	4.95	3.37	5.07	5	0	--
Dissolved Oxygen	mg/L	P36	Park	Interior	4.31	1.45	3.31	4.00	5.35	1.77	7.86	54		
Annual Average DO	mg/L	P37	Park	Interior	8.51	0.62	7.95	8.58	9.05	7.80	9.44	5	0	--
Dissolved Oxygen	mg/L	P37	Park	Interior	8.50	1.51	7.75	8.34	9.56	5.18	12.02	36		
Annual Average DO	mg/L	T05E	Park	Interior	3.55			3.55		3.55	3.55	1	0	--
Dissolved Oxygen	mg/L	T05E	Park	Interior	3.50	1.42	2.17	3.54	4.69	1.73	5.44	7		
Dissolved Oxygen	mg/L	T05W	Park	Interior	3.87	1.81	1.98	4.29	5.55	1.85	5.69	5		
Dissolved Oxygen	mg/L	T10E	Park	Interior	6.30	2.58	3.68	6.72	8.50	3.15	8.61	4		
Annual Average DO	mg/L	T10W	Park	Interior	5.43	0.28		5.43		5.23	5.63	2	0	--
Dissolved Oxygen	mg/L	T10W	Park	Interior	5.27	2.42	2.55	5.55	7.24	2.48	8.70	6		
Dissolved Oxygen	mg/L	T15E	Park	Interior	3.94	1.72	2.22	4.32	5.47	1.49	5.49	5		
Dissolved Oxygen	mg/L	T15W	Park	Interior	6.72	1.12	5.95	6.36	7.67	5.81	8.64	5		
Dissolved Oxygen	mg/L	T23	Park	Interior	5.67	1.43	4.67	5.05	6.98	4.66	8.07	5		
Annual Average DO	mg/L	T24	Park	Interior	5.64			5.64		5.64	5.64	1	0	--
Dissolved Oxygen	mg/L	T24	Park	Interior	5.45	1.24	4.50	4.70	6.77	4.37	7.09	5		
Annual Average DO	mg/L	T33	Park	Interior	5.92			5.92		5.92	5.92	1	0	--
Dissolved Oxygen	mg/L	T33	Park	Interior	5.97	1.87	4.22	5.88	7.11	4.12	9.41	8		
Annual Average DO	mg/L	T34	Park	Interior	6.07			6.07		6.07	6.07	1	0	--
Dissolved Oxygen	mg/L	T34	Park	Interior	5.56	1.16	4.81	5.42	6.29	4.03	7.54	6		
Annual Average DO	mg/L	TNMESO	Park	Interior	5.39	0.41		5.39		5.10	5.68	2	0	--
Dissolved Oxygen	mg/L	TNMESO	Park	Interior	5.40	1.16	4.54	5.13	6.68	3.81	7.03	8		
Annual Average DO	mg/L	TSB	Park	Interior	3.19	0.15	3.04	3.18	3.34	3.01	3.38	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Dissolved Oxygen	mg/L	TSB	Park	Interior	3.18	1.07	2.43	3.06	3.84	1.36	5.79	42		
Annual Average DO	mg/L	TSMESO	Park	Interior	6.11			6.11		6.11	6.11	1	0	--
Dissolved Oxygen	mg/L	TSMESO	Park	Interior	5.93	2.00	4.09	6.57	7.05	2.36	8.20	7		
pH	Units	ACME1DS	Refuge	Inflow	7.59	0.33	7.35	7.59	7.79	6.97	8.57	66	0	MC
pH	Units	ENR012	Refuge	Inflow	7.41	0.18	7.29	7.38	7.50	6.84	8.05	259	0	NC
pH	Units	G300	Refuge	Inflow	7.36	0.25	7.25	7.32	7.48	6.83	8.10	21	0	--
pH	Units	G301	Refuge	Inflow	7.34	0.17	7.21	7.26	7.52	7.13	7.63	11	0	--
pH	Units	G310	Refuge	Inflow	7.55	0.24	7.39	7.51	7.65	6.97	8.54	254	0	MC
pH	Units	G94D	Refuge	Inflow	7.48	0.29	7.25	7.45	7.69	6.98	8.24	68	0	NC
pH	Units	S5A	Refuge	Inflow	7.72	0.23	7.52	7.76	7.87	7.36	8.13	9	0	--
pH	Units	S5AS	Refuge	Inflow	7.56			7.56		7.56	7.56	1	0	--
pH	Units	S6	Refuge	Inflow	7.39	0.46	7.27	7.38	7.58	5.15	8.35	43	2.3±3.8	MC
pH	Units	LOX10	Refuge	Interior	6.82	0.35	6.69	6.83	7.01	5.50	7.52	39	2.6±4.2	MC
pH	Units	LOX11	Refuge	Interior	6.28	0.48	5.96	6.16	6.54	5.53	7.60	57	31.6±10.1	C
pH	Units	LOX12	Refuge	Interior	7.07	0.35	6.86	7.08	7.23	6.36	8.02	63	0	NC
pH	Units	LOX13	Refuge	Interior	6.27	0.40	5.98	6.23	6.57	5.43	7.20	52	25.0±9.9	C
pH	Units	LOX14	Refuge	Interior	6.50	0.30	6.30	6.55	6.69	5.90	7.19	59	6.8±5.4	MC
pH	Units	LOX15	Refuge	Interior	7.13	0.28	6.98	7.15	7.31	6.51	7.86	60	0	NC
pH	Units	LOX16	Refuge	Interior	6.54	0.35	6.36	6.52	6.69	5.77	7.39	57	8.8±6.2	MC
pH	Units	LOX3	Refuge	Interior	6.74	0.62	6.31	6.71	7.31	5.13	7.73	29	13.8±10.5	PC
pH	Units	LOX4	Refuge	Interior	6.80	0.23	6.70	6.82	6.93	6.03	7.23	42	0	NC
pH	Units	LOX5	Refuge	Interior	6.39	0.46	6.03	6.33	6.79	5.02	7.21	32	15.6±10.6	PC
pH	Units	LOX6	Refuge	Interior	7.01	0.40	6.72	7.05	7.36	6.21	7.72	55	0	NC
pH	Units	LOX7	Refuge	Interior	6.41	0.37	6.13	6.39	6.63	5.30	7.48	54	7.4±5.9	MC
pH	Units	LOX8	Refuge	Interior	6.30	0.47	5.92	6.25	6.62	5.17	7.67	55	25.5±9.7	C
pH	Units	LOX9	Refuge	Interior	6.57	0.48	6.27	6.47	6.92	5.16	7.64	40	7.5±6.9	MC
pH	Units	X1	Refuge	Interior	7.17	0.15	7.04	7.17	7.29	6.84	7.52	50	0	NC
pH	Units	X2	Refuge	Interior	7.05	0.21	6.91	7.09	7.17	6.47	7.49	50	0	NC
pH	Units	X3	Refuge	Interior	7.02	0.24	6.84	7.07	7.17	6.33	7.52	53	0	NC
pH	Units	X4	Refuge	Interior	7.02	0.37	6.68	7.10	7.29	6.04	7.73	54	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
pH	Units	Y4	Refuge	Interior	6.94	0.28	6.76	6.91	7.14	6.33	7.72	53	0	NC
pH	Units	Z1	Refuge	Interior	7.21	0.16	7.12	7.20	7.33	6.85	7.58	53	0	NC
pH	Units	Z2	Refuge	Interior	7.14	0.19	7.04	7.17	7.25	6.78	7.81	47	0	NC
pH	Units	Z3	Refuge	Interior	7.17	0.25	7.05	7.18	7.34	6.54	7.66	57	0	NC
pH	Units	Z4	Refuge	Interior	6.99	0.29	6.78	7.04	7.20	6.15	7.52	57	0	NC
pH	Units	S6D	Refuge	Rim	7.51	0.26	7.35	7.50	7.59	7.01	8.05	20	0	--
pH	Units	X0	Refuge	Rim	7.53	0.18	7.39	7.52	7.65	7.20	7.98	59	0	NC
pH	Units	Z0	Refuge	Rim	7.56	0.20	7.40	7.55	7.73	7.20	8.04	60	0	NC
pH	Units	G94B	Refuge	Outflow	7.28	0.29	7.08	7.27	7.50	6.67	7.98	59	0	NC
pH	Units	S10A	Refuge	Outflow	7.73	0.36	7.52	7.76	7.98	6.67	8.62	35	2.9±4.6	MC
pH	Units	S10C	Refuge	Outflow	7.72	0.35	7.49	7.71	7.93	6.77	8.56	34	2.9±4.8	MC
pH	Units	S10D	Refuge	Outflow	7.57	0.28	7.38	7.60	7.73	6.58	8.29	69	0	NC
pH	Units	S10E	Refuge	Outflow	7.56	0.25	7.39	7.55	7.73	7.01	8.11	56	0	NC
pH	Units	S39	Refuge	Outflow	7.68	0.31	7.51	7.74	7.89	6.75	8.27	79	0	NC
pH	Units	E0	WCA-2	Inflow	7.65	0.19	7.53	7.62	7.74	7.30	8.21	59	0	NC
pH	Units	F0	WCA-2	Inflow	7.60	0.18	7.46	7.59	7.69	7.28	8.15	60	0	NC
pH	Units	G335	WCA-2	Inflow	7.63	0.24	7.48	7.59	7.75	6.97	8.32	239	0	NC
pH	Units	G339	WCA-2	Inflow	7.29			7.29		7.29	7.29	1	0	--
pH	Units	S10A	WCA-2	Inflow	7.73	0.36	7.52	7.76	7.98	6.67	8.62	35	2.9±4.6	MC
pH	Units	S10C	WCA-2	Inflow	7.72	0.35	7.49	7.71	7.93	6.77	8.56	34	2.9±4.8	MC
pH	Units	S10D	WCA-2	Inflow	7.57	0.28	7.38	7.60	7.73	6.58	8.29	69	0	NC
pH	Units	S10E	WCA-2	Inflow	7.56	0.25	7.39	7.55	7.73	7.01	8.11	56	0	NC
pH	Units	S38B	WCA-2	Inflow	7.46	0.21	7.29	7.42	7.61	7.14	8.00	19	0	--
pH	Units	S7	WCA-2	Inflow	7.51	0.28	7.29	7.51	7.68	6.74	8.36	173	0	NC
pH	Units	CA215	WCA-2	Interior	7.56	0.22	7.42	7.54	7.66	6.79	8.27	102	0	NC
pH	Units	CA27	WCA-2	Interior	7.30	0.37	7.26	7.36	7.46	4.82	8.13	87	0	MC
pH	Units	CA28	WCA-2	Interior	7.41	0.18	7.33	7.45	7.52	6.95	7.71	70	0	NC
pH	Units	CA29	WCA-2	Interior	7.50	0.25	7.41	7.51	7.64	6.43	8.35	100	0	NC
pH	Units	E1	WCA-2	Interior	7.34	0.16	7.25	7.34	7.45	6.93	7.69	42	0	NC
pH	Units	E2	WCA-2	Interior	7.28	0.16	7.17	7.28	7.38	6.94	7.63	31	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
pH	Units	E3	WCA-2	Interior	7.31	0.15	7.23	7.35	7.39	6.87	7.61	35	0	NC
pH	Units	E4	WCA-2	Interior	7.26	0.17	7.17	7.26	7.36	6.90	7.69	37	0	NC
pH	Units	E5	WCA-2	Interior	7.48	0.23	7.38	7.53	7.62	6.54	7.90	41	0	NC
pH	Units	F1	WCA-2	Interior	7.39	0.23	7.28	7.39	7.51	6.56	8.70	109	0	MC
pH	Units	F2	WCA-2	Interior	7.36	0.21	7.27	7.37	7.47	6.61	8.18	127	0	NC
pH	Units	F3	WCA-2	Interior	7.38	0.19	7.29	7.38	7.49	6.89	7.79	49	0	NC
pH	Units	F4	WCA-2	Interior	7.31	0.21	7.19	7.32	7.43	6.63	7.96	125	0	NC
pH	Units	F5	WCA-2	Interior	7.51	0.21	7.35	7.50	7.65	7.03	8.00	45	0	NC
pH	Units	S144	WCA-2	Interior	7.51	0.30	7.23	7.60	7.72	7.01	8.06	18	0	--
pH	Units	S145	WCA-2	Interior	7.43	0.49	7.31	7.50	7.65	3.65	8.08	85	0	MC
pH	Units	S146	WCA-2	Interior	7.39	0.31	7.19	7.42	7.63	6.85	7.92	18	0	--
pH	Units	U1	WCA-2	Interior	7.40	0.21	7.24	7.43	7.53	7.01	8.01	44	0	NC
pH	Units	U2	WCA-2	Interior	7.66	0.28	7.46	7.60	7.76	7.18	8.38	39	0	NC
pH	Units	U3	WCA-2	Interior	7.59	0.21	7.46	7.55	7.72	7.21	8.10	43	0	NC
pH	Units	S11A	WCA-2	Outflow	7.64	0.33	7.38	7.60	7.88	6.93	8.62	78	0	MC
pH	Units	S11B	WCA-2	Outflow	7.57	0.26	7.34	7.56	7.78	7.21	8.26	40	0	NC
pH	Units	S11C	WCA-2	Outflow	7.53	0.28	7.34	7.50	7.64	6.99	8.32	75	0	NC
pH	Units	S34	WCA-2	Outflow	7.54	0.26	7.35	7.46	7.70	7.00	8.42	81	0	NC
pH	Units	S38	WCA-2	Outflow	7.42	0.27	7.26	7.43	7.59	6.70	8.03	74	0	NC
pH	Units	3AE0	WCA-3	Inflow	7.93	0.36	7.76	7.99	8.20	7.11	8.40	43	0	NC
pH	Units	3AW0	WCA-3	Inflow	7.95	0.35	7.78	8.04	8.21	7.14	8.54	44	2.3±3.7	MC
pH	Units	C123SR84	WCA-3	Inflow	7.36	0.32	7.14	7.29	7.56	6.72	8.29	79	0	NC
pH	Units	G123	WCA-3	Inflow	7.48	0.19	7.36	7.47	7.62	6.93	7.90	166	0	NC
pH	Units	G204	WCA-3	Inflow	7.55	0.33	7.29	7.44	7.93	7.13	8.08	15	0	--
pH	Units	G205	WCA-3	Inflow	7.51	0.29	7.23	7.49	7.82	7.11	7.98	18	0	--
pH	Units	G206	WCA-3	Inflow	7.43	0.38	7.17	7.35	7.61	6.87	8.33	17	0	--
pH	Units	L3	WCA-3	Inflow	7.85	0.18	7.70	7.82	8.03	7.62	8.06	5	0	--
pH	Units	S11A	WCA-3	Inflow	7.64	0.33	7.38	7.60	7.88	6.93	8.62	78	0	MC
pH	Units	S11B	WCA-3	Inflow	7.57	0.26	7.34	7.56	7.78	7.21	8.26	40	0	NC
pH	Units	S11C	WCA-3	Inflow	7.53	0.28	7.34	7.50	7.64	6.99	8.32	75	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
pH	Units	S140	WCA-3	Inflow	7.45	0.34	7.20	7.43	7.69	6.63	8.19	171	0	NC
pH	Units	S142	WCA-3	Inflow	7.50	0.22	7.36	7.48	7.60	7.01	8.16	98	0	NC
pH	Units	S150	WCA-3	Inflow	7.57	0.26	7.40	7.58	7.72	6.72	8.15	158	0	NC
pH	Units	S151	WCA-3	Inflow	7.40	0.20	7.26	7.40	7.51	6.52	7.83	82	0	NC
pH	Units	S190	WCA-3	Inflow	7.63	0.38	7.29	7.67	8.00	6.87	8.42	88	0	NC
pH	Units	S8	WCA-3	Inflow	7.59	0.35	7.34	7.56	7.79	6.58	8.85	274	2.2±1.5	MC
pH	Units	S9	WCA-3	Inflow	7.25	0.20	7.14	7.24	7.37	6.12	7.88	259	0	NC
pH	Units	3AE05	WCA-3	Interior	7.21	0.29	7.09	7.18	7.26	6.80	8.26	20	0	--
pH	Units	3AE10	WCA-3	Interior	7.17	0.14	7.08	7.14	7.26	6.91	7.49	27	0	--
pH	Units	3AE15	WCA-3	Interior	7.25	0.12	7.17	7.25	7.34	7.02	7.50	32	0	NC
pH	Units	3AE20	WCA-3	Interior	7.33	0.19	7.23	7.35	7.42	6.92	7.87	38	0	NC
pH	Units	3AE40	WCA-3	Interior	7.43	0.20	7.32	7.46	7.56	6.76	7.80	36	0	NC
pH	Units	3ANMESO	WCA-3	Interior	7.22	0.19	7.12	7.23	7.39	6.75	7.75	44	0	NC
pH	Units	3ASMESO	WCA-3	Interior	7.28	0.26	7.12	7.32	7.42	6.76	7.92	43	0	NC
pH	Units	3AW05	WCA-3	Interior	7.19	0.12	7.10	7.19	7.28	6.94	7.46	23	0	--
pH	Units	3AW10	WCA-3	Interior	7.16	0.16	7.08	7.16	7.26	6.72	7.60	31	0	NC
pH	Units	3AW15	WCA-3	Interior	7.19	0.15	7.08	7.17	7.27	6.92	7.54	32	0	NC
pH	Units	3AW20	WCA-3	Interior	7.22	0.17	7.12	7.22	7.34	6.75	7.73	33	0	NC
pH	Units	3AW40	WCA-3	Interior	7.47	0.27	7.25	7.52	7.70	6.87	7.93	40	0	NC
pH	Units	CA311	WCA-3	Interior	7.28	0.21	7.15	7.29	7.42	6.76	7.72	102	0	NC
pH	Units	CA315	WCA-3	Interior	7.23	0.24	7.09	7.24	7.35	6.54	8.17	111	0	NC
pH	Units	CA316	WCA-3	Interior	7.23	0.18	7.15	7.24	7.34	6.63	7.78	102	0	NC
pH	Units	CA317	WCA-3	Interior	7.52	0.32	7.45	7.54	7.64	4.48	7.97	119	0	MC
pH	Units	CA318	WCA-3	Interior	7.37	0.20	7.23	7.35	7.53	6.78	7.88	110	0	NC
pH	Units	CA32	WCA-3	Interior	7.27	0.19	7.13	7.27	7.40	6.92	7.72	68	0	NC
pH	Units	CA33	WCA-3	Interior	7.30	0.17	7.20	7.29	7.40	6.75	8.01	75	0	NC
pH	Units	CA34	WCA-3	Interior	7.28	0.19	7.18	7.27	7.37	6.58	7.96	67	0	NC
pH	Units	CA35	WCA-3	Interior	7.37	0.17	7.24	7.39	7.47	6.90	7.68	49	0	NC
pH	Units	CA36	WCA-3	Interior	7.28	0.13	7.21	7.28	7.37	6.71	7.50	42	0	NC
pH	Units	CA38	WCA-3	Interior	7.28	0.16	7.17	7.29	7.38	6.74	7.70	79	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
pH	Units	S12A	WCA-3	Outflow	7.26	0.18	7.13	7.24	7.36	6.84	7.79	128	0	NC
pH	Units	S12B	WCA-3	Outflow	7.27	0.20	7.15	7.29	7.39	6.16	7.82	127	0	NC
pH	Units	S12C	WCA-3	Outflow	7.24	0.17	7.16	7.24	7.34	6.83	7.95	127	0	NC
pH	Units	S12D	WCA-3	Outflow	7.29	0.16	7.21	7.30	7.36	6.77	8.07	139	0	NC
pH	Units	S197	WCA-3	Outflow	7.60	0.38	7.29	7.61	8.00	6.96	8.05	9	0	--
pH	Units	S31	WCA-3	Outflow	7.38	0.18	7.24	7.38	7.54	7.01	7.73	38	0	NC
pH	Units	S333	WCA-3	Outflow	7.34	0.18	7.24	7.32	7.42	6.82	8.06	138	0	NC
pH	Units	S334	WCA-3	Outflow	7.51	0.28	7.33	7.47	7.64	6.95	8.27	81	0	NC
pH	Units	S344	WCA-3	Outflow	7.26	0.21	7.10	7.25	7.35	6.90	7.76	17	0	--
pH	Units	S355A	WCA-3	Outflow	7.59	0.38	7.36	7.53	7.71	7.01	9.04	60	5.0±4.6	MC
pH	Units	S355B	WCA-3	Outflow	7.47	0.34	7.24	7.43	7.53	6.89	8.37	60	0	NC
pH	Units	US41-25	WCA-3	Outflow	7.18	0.15	7.09	7.18	7.28	6.76	7.77	129	0	NC
pH	Units	S12A	Park	Inflow	7.26	0.18	7.13	7.24	7.36	6.84	7.79	128	0	NC
pH	Units	S12B	Park	Inflow	7.27	0.20	7.15	7.29	7.39	6.16	7.82	127	0	NC
pH	Units	S12C	Park	Inflow	7.24	0.17	7.16	7.24	7.34	6.83	7.95	127	0	NC
pH	Units	S12D	Park	Inflow	7.29	0.16	7.21	7.30	7.36	6.77	8.07	139	0	NC
pH	Units	S175	Park	Inflow	7.47	0.23	7.29	7.46	7.67	6.88	8.00	132	0	NC
pH	Units	S18C	Park	Inflow	7.57	0.34	7.25	7.62	7.87	6.87	8.21	192	0	NC
pH	Units	S332	Park	Inflow	7.44	0.20	7.28	7.46	7.60	6.97	7.93	131	0	NC
pH	Units	S332D	Park	Inflow	7.30	0.25	7.14	7.27	7.49	6.44	8.12	237	0	NC
pH	Units	S333	Park	Inflow	7.34	0.18	7.24	7.32	7.42	6.82	8.06	138	0	NC
pH	Units	S355A	Park	Inflow	7.59	0.38	7.36	7.53	7.71	7.01	9.04	60	5.0±4.6	MC
pH	Units	S355B	Park	Inflow	7.47	0.34	7.24	7.43	7.53	6.89	8.37	60	0	NC
pH	Units	T0E	Park	Inflow	7.40	0.19	7.29	7.40	7.51	7.08	7.71	11	0	--
pH	Units	T0W	Park	Inflow	7.41	0.14	7.31	7.40	7.50	7.16	7.61	11	0	--
pH	Units	EP	Park	Interior	7.94	0.14	7.85	7.92	8.03	7.52	8.22	35	0	NC
pH	Units	NE1	Park	Interior	7.23	0.41	7.15	7.26	7.40	4.45	7.63	56	0	MC
pH	Units	NP201	Park	Interior	7.63	0.22	7.55	7.67	7.76	6.74	7.97	53	0	NC
pH	Units	P33	Park	Interior	7.44	0.13	7.35	7.44	7.55	7.20	7.72	56	0	NC
pH	Units	P34	Park	Interior	7.85	0.14	7.74	7.85	7.95	7.61	8.19	39	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
pH	Units	P35	Park	Interior	7.43	0.16	7.32	7.43	7.54	7.13	7.80	37	0	NC
pH	Units	P36	Park	Interior	7.49	0.17	7.37	7.48	7.58	7.15	7.99	56	0	NC
pH	Units	P37	Park	Interior	7.92	0.32	7.74	7.97	8.16	7.22	8.53	37	2.7±4.4	MC
pH	Units	T05E	Park	Interior	7.41	0.14	7.32	7.37	7.42	7.29	7.72	7	0	--
pH	Units	T05W	Park	Interior	7.39	0.07	7.32	7.40	7.45	7.29	7.46	6	0	--
pH	Units	T10E	Park	Interior	7.59	0.12	7.49	7.59	7.71	7.48	7.72	4	0	--
pH	Units	T10W	Park	Interior	7.50	0.13	7.38	7.47	7.64	7.32	7.67	6	0	--
pH	Units	T15E	Park	Interior	7.44	0.13	7.34	7.44	7.54	7.25	7.62	5	0	--
pH	Units	T15W	Park	Interior	7.63	0.04	7.60	7.63	7.67	7.59	7.69	5	0	--
pH	Units	T23	Park	Interior	7.62	0.04	7.58	7.63	7.66	7.58	7.68	5	0	--
pH	Units	T24	Park	Interior	7.61	0.09	7.54	7.56	7.70	7.53	7.73	5	0	--
pH	Units	T33	Park	Interior	7.34	0.37	7.33	7.38	7.53	6.52	7.80	8	0	--
pH	Units	T34	Park	Interior	7.53	0.07	7.50	7.53	7.58	7.43	7.64	6	0	--
pH	Units	TNMESO	Park	Interior	7.53	0.21	7.40	7.63	7.66	7.09	7.68	8	0	--
pH	Units	TSB	Park	Interior	7.38	0.16	7.30	7.42	7.48	7.00	7.68	44	0	NC
pH	Units	TSMESO	Park	Interior	7.85	0.30	7.71	7.79	8.14	7.31	8.15	7	0	--
Specific Conductance	µmhos/cm	ACME1DS	Refuge	Inflow	694	195	585	707	799	209	1217	65	0	NC
Specific Conductance	µmhos/cm	ENR012	Refuge	Inflow	1061	174	946	1088	1192	579	1511	258	8.1±2.8	PC
Specific Conductance	µmhos/cm	G300	Refuge	Inflow	898	256	691	899	1078	441	1361	21	4.8±7.6	--
Specific Conductance	µmhos/cm	G301	Refuge	Inflow	982	274	871	1046	1170	490	1369	11	9.1±14.3	--
Specific Conductance	µmhos/cm	G310	Refuge	Inflow	1043	188	921	1069	1188	567	1467	253	5.9±2.4	MC
Specific Conductance	µmhos/cm	G94D	Refuge	Inflow	594	165	505	566	714	225	1219	67	0	NC
Specific Conductance	µmhos/cm	S5A	Refuge	Inflow	516	44	483	509	556	458	593	9	0	--
Specific Conductance	µmhos/cm	S5AS	Refuge	Inflow	479			479		479	479	1	0	--
Specific Conductance	µmhos/cm	S6	Refuge	Inflow	941	280	603	1069	1165	482	1302	43	4.7±5.3	MC
Specific Conductance	µmhos/cm	LOX10	Refuge	Interior	385	234	215	296	553	112	1030	38	0	NC
Specific Conductance	µmhos/cm	LOX11	Refuge	Interior	106	43	75	97	122	47	272	54	0	NC
Specific Conductance	µmhos/cm	LOX12	Refuge	Interior	375	214	218	266	594	148	898	62	0	NC
Specific Conductance	µmhos/cm	LOX13	Refuge	Interior	98	35	77	95	112	47	244	49	0	NC
Specific Conductance	µmhos/cm	LOX14	Refuge	Interior	184	148	93	141	209	72	757	58	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Specific Conductance	µmhos/cm	LOX15	Refuge	Interior	508	252	305	470	755	153	1009	60	0	NC
Specific Conductance	µmhos/cm	LOX16	Refuge	Interior	164	96	100	152	195	70	654	56	0	NC
Specific Conductance	µmhos/cm	LOX3	Refuge	Interior	115	39	83	104	137	70	222	29	0	NC
Specific Conductance	µmhos/cm	LOX4	Refuge	Interior	485	233	267	448	709	198	970	41	0	NC
Specific Conductance	µmhos/cm	LOX5	Refuge	Interior	107	23	92	101	124	74	160	32	0	NC
Specific Conductance	µmhos/cm	LOX6	Refuge	Interior	319	175	197	277	367	102	893	55	0	NC
Specific Conductance	µmhos/cm	LOX7	Refuge	Interior	136	49	98	116	172	68	267	53	0	NC
Specific Conductance	µmhos/cm	LOX8	Refuge	Interior	120	44	88	109	141	52	260	53	0	NC
Specific Conductance	µmhos/cm	LOX9	Refuge	Interior	157	89	106	127	176	76	482	39	0	NC
Specific Conductance	µmhos/cm	X1	Refuge	Interior	884	213	707	891	1060	447	1263	51	0	NC
Specific Conductance	µmhos/cm	X2	Refuge	Interior	718	270	526	779	957	45	1150	51	0	NC
Specific Conductance	µmhos/cm	X3	Refuge	Interior	599	260	384	629	815	198	1126	54	0	NC
Specific Conductance	µmhos/cm	X4	Refuge	Interior	390	205	234	313	562	110	892	54	0	NC
Specific Conductance	µmhos/cm	Y4	Refuge	Interior	429	223	254	355	651	132	939	54	0	NC
Specific Conductance	µmhos/cm	Z1	Refuge	Interior	908	190	805	893	1030	396	1270	54	0	NC
Specific Conductance	µmhos/cm	Z2	Refuge	Interior	772	172	623	816	900	298	1035	48	0	NC
Specific Conductance	µmhos/cm	Z3	Refuge	Interior	537	219	378	484	736	219	1041	58	0	NC
Specific Conductance	µmhos/cm	Z4	Refuge	Interior	370	209	227	287	564	8	842	58	0	NC
Specific Conductance	µmhos/cm	S6D	Refuge	Rim	1003	186	935	1021	1168	594	1252	20	0	--
Specific Conductance	µmhos/cm	X0	Refuge	Rim	914	200	775	874	1044	444	1432	60	3.3±3.8	MC
Specific Conductance	µmhos/cm	Z0	Refuge	Rim	1040	981	782	877	1041	451	8360	60	5.0±4.6	MC
Specific Conductance	µmhos/cm	G94B	Refuge	Outflow	598	215	438	574	739	168	1089	58	0	NC
Specific Conductance	µmhos/cm	S10A	Refuge	Outflow	701	171	557	688	833	387	1083	35	0	NC
Specific Conductance	µmhos/cm	S10C	Refuge	Outflow	781	237	601	768	1007	142	1152	34	0	NC
Specific Conductance	µmhos/cm	S10D	Refuge	Outflow	907	203	749	906	1047	388	1287	68	2.9±3.4	MC
Specific Conductance	µmhos/cm	S10E	Refuge	Outflow	937	208	743	936	1120	524	1314	56	3.6±4.1	MC
Specific Conductance	µmhos/cm	S39	Refuge	Outflow	683	212	521	699	847	160	1202	78	0	NC
Specific Conductance	µmhos/cm	E0	WCA-2	Inflow	985	182	859	1017	1135	414	1318	59	0	MC
Specific Conductance	µmhos/cm	F0	WCA-2	Inflow	1011	159	913	1031	1124	417	1311	60	0	MC
Specific Conductance	µmhos/cm	G335	WCA-2	Inflow	1232	159	1161	1265	1333	689	1529	237	46.4±5.3	C

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Specific Conductance	µmhos/cm	G339	WCA-2	Inflow	1176			1176		1176	1176	1	0	--
Specific Conductance	µmhos/cm	S10A	WCA-2	Inflow	701	171	557	688	833	387	1083	35	0	NC
Specific Conductance	µmhos/cm	S10C	WCA-2	Inflow	781	237	601	768	1007	142	1152	34	0	NC
Specific Conductance	µmhos/cm	S10D	WCA-2	Inflow	907	203	749	906	1047	388	1287	68	2.9±3.4	MC
Specific Conductance	µmhos/cm	S10E	WCA-2	Inflow	937	208	743	936	1120	524	1314	56	3.6±4.1	MC
Specific Conductance	µmhos/cm	S38B	WCA-2	Inflow	857	224	631	842	1075	397	1184	19	0	--
Specific Conductance	µmhos/cm	S7	WCA-2	Inflow	934	236	749	945	1108	443	1466	173	6.9±3.2	MC
Specific Conductance	µmhos/cm	CA215	WCA-2	Interior	909	218	759	904	1079	399	1385	104	4.8±3.5	MC
Specific Conductance	µmhos/cm	CA27	WCA-2	Interior	988	296	897	1097	1183	159	1402	89	5.6±4.0	MC
Specific Conductance	µmhos/cm	CA28	WCA-2	Interior	1248	335	1055	1247	1393	485	2069	72	45.8±9.7	C
Specific Conductance	µmhos/cm	CA29	WCA-2	Interior	914	273	757	1002	1095	252	1477	101	6.9±4.2	MC
Specific Conductance	µmhos/cm	E1	WCA-2	Interior	1042	329	783	1038	1190	562	2530	43	16.3±9.3	PC
Specific Conductance	µmhos/cm	E2	WCA-2	Interior	895	180	784	911	1000	523	1243	33	0	NC
Specific Conductance	µmhos/cm	E3	WCA-2	Interior	874	170	762	867	1005	502	1171	37	0	NC
Specific Conductance	µmhos/cm	E4	WCA-2	Interior	778	145	684	792	879	447	1048	39	0	NC
Specific Conductance	µmhos/cm	E5	WCA-2	Interior	779	139	676	778	902	402	1014	43	0	NC
Specific Conductance	µmhos/cm	F1	WCA-2	Interior	1308	486	983	1188	1488	620	2857	111	41.4±7.7	C
Specific Conductance	µmhos/cm	F2	WCA-2	Interior	1103	343	861	1027	1248	499	2376	130	23.1±6.1	C
Specific Conductance	µmhos/cm	F3	WCA-2	Interior	1039	343	795	918	1254	404	2108	51	23.5±9.8	C
Specific Conductance	µmhos/cm	F4	WCA-2	Interior	923	247	768	886	1062	279	1666	128	9.4±4.2	PC
Specific Conductance	µmhos/cm	F5	WCA-2	Interior	897	234	751	860	1043	223	1492	47	8.5±6.7	MC
Specific Conductance	µmhos/cm	S144	WCA-2	Interior	862	244	606	945	1029	384	1284	18	5.6±8.9	--
Specific Conductance	µmhos/cm	S145	WCA-2	Interior	770	185	648	782	908	393	1176	84	0	NC
Specific Conductance	µmhos/cm	S146	WCA-2	Interior	778	259	628	837	940	311	1277	18	5.6±8.9	--
Specific Conductance	µmhos/cm	U1	WCA-2	Interior	707	148	577	737	803	383	1121	46	0	NC
Specific Conductance	µmhos/cm	U2	WCA-2	Interior	790	162	678	814	911	415	1082	41	0	NC
Specific Conductance	µmhos/cm	U3	WCA-2	Interior	851	202	704	858	966	423	1238	45	0	NC
Specific Conductance	µmhos/cm	S11A	WCA-2	Outflow	844	196	713	814	1011	460	1317	76	0	MC
Specific Conductance	µmhos/cm	S11B	WCA-2	Outflow	840	182	688	820	946	533	1275	41	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-2	Outflow	935	195	815	947	1071	465	1261	75	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Specific Conductance	µmhos/cm	S34	WCA-2	Outflow	849	146	751	852	959	599	1218	80	0	NC
Specific Conductance	µmhos/cm	S38	WCA-2	Outflow	737	189	581	765	895	300	1083	73	0	NC
Specific Conductance	µmhos/cm	3AE0	WCA-3	Inflow	465	80	406	475	518	277	636	43	0	NC
Specific Conductance	µmhos/cm	3AW0	WCA-3	Inflow	470	82	414	477	525	279	647	44	0	NC
Specific Conductance	µmhos/cm	C123SR84	WCA-3	Inflow	669	133	602	650	728	106	1160	77	0	NC
Specific Conductance	µmhos/cm	G123	WCA-3	Inflow	870	130	788	884	965	570	1198	165	0	NC
Specific Conductance	µmhos/cm	G204	WCA-3	Inflow	742	147	624	725	839	553	1076	15	0	--
Specific Conductance	µmhos/cm	G205	WCA-3	Inflow	752	150	620	783	859	487	998	18	0	--
Specific Conductance	µmhos/cm	G206	WCA-3	Inflow	665	139	555	668	789	347	858	17	0	--
Specific Conductance	µmhos/cm	L3	WCA-3	Inflow	538	24	514	543	560	510	564	5	0	--
Specific Conductance	µmhos/cm	S11A	WCA-3	Inflow	844	196	713	814	1011	460	1317	76	0	MC
Specific Conductance	µmhos/cm	S11B	WCA-3	Inflow	840	182	688	820	946	533	1275	41	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-3	Inflow	935	195	815	947	1071	465	1261	75	0	NC
Specific Conductance	µmhos/cm	S140	WCA-3	Inflow	601	146	477	606	720	263	872	171	0	NC
Specific Conductance	µmhos/cm	S142	WCA-3	Inflow	859	143	761	851	954	531	1167	97	0	NC
Specific Conductance	µmhos/cm	S150	WCA-3	Inflow	841	246	646	819	1012	430	1558	157	3.8±2.5	MC
Specific Conductance	µmhos/cm	S151	WCA-3	Inflow	749	120	663	758	823	374	1008	82	0	NC
Specific Conductance	µmhos/cm	S190	WCA-3	Inflow	517	100	440	549	597	252	673	88	0	NC
Specific Conductance	µmhos/cm	S8	WCA-3	Inflow	746	153	665	760	849	9	1108	268	0	NC
Specific Conductance	µmhos/cm	S9	WCA-3	Inflow	744	53	715	753	777	592	939	257	0	NC
Specific Conductance	µmhos/cm	3AE05	WCA-3	Interior	481	79	424	486	541	322	602	21	0	--
Specific Conductance	µmhos/cm	3AE10	WCA-3	Interior	463	66	414	482	514	345	564	28	0	NC
Specific Conductance	µmhos/cm	3AE15	WCA-3	Interior	460	71	411	472	514	304	571	32	0	NC
Specific Conductance	µmhos/cm	3AE20	WCA-3	Interior	466	77	402	463	523	336	618	39	0	NC
Specific Conductance	µmhos/cm	3AE40	WCA-3	Interior	426	75	374	411	476	275	594	36	0	NC
Specific Conductance	µmhos/cm	3ANMESO	WCA-3	Interior	397	74	346	387	446	204	598	44	0	NC
Specific Conductance	µmhos/cm	3ASMESO	WCA-3	Interior	356	67	314	350	404	218	529	44	0	NC
Specific Conductance	µmhos/cm	3AW05	WCA-3	Interior	484	78	414	501	534	322	620	24	0	--
Specific Conductance	µmhos/cm	3AW10	WCA-3	Interior	477	67	431	495	521	336	590	32	0	NC
Specific Conductance	µmhos/cm	3AW15	WCA-3	Interior	433	102	396	457	505	60	555	33	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Specific Conductance	µmhos/cm	3AW20	WCA-3	Interior	430	78	381	430	500	277	586	34	0	NC
Specific Conductance	µmhos/cm	3AW40	WCA-3	Interior	395	90	333	404	474	205	604	41	0	NC
Specific Conductance	µmhos/cm	CA311	WCA-3	Interior	394	108	323	386	460	149	663	103	0	NC
Specific Conductance	µmhos/cm	CA315	WCA-3	Interior	330	87	278	319	370	1	638	112	0	NC
Specific Conductance	µmhos/cm	CA316	WCA-3	Interior	687	208	506	678	844	360	1141	104	0	NC
Specific Conductance	µmhos/cm	CA317	WCA-3	Interior	616	122	526	587	691	427	997	120	0	NC
Specific Conductance	µmhos/cm	CA318	WCA-3	Interior	593	100	535	585	672	2	754	111	0	NC
Specific Conductance	µmhos/cm	CA32	WCA-3	Interior	496	245	332	397	635	210	1202	69	0	NC
Specific Conductance	µmhos/cm	CA33	WCA-3	Interior	644	190	527	628	720	319	1190	75	0	NC
Specific Conductance	µmhos/cm	CA34	WCA-3	Interior	553	118	480	560	641	297	773	68	0	NC
Specific Conductance	µmhos/cm	CA35	WCA-3	Interior	569	139	466	527	680	340	876	50	0	NC
Specific Conductance	µmhos/cm	CA36	WCA-3	Interior	773	119	705	777	823	471	990	43	0	NC
Specific Conductance	µmhos/cm	CA38	WCA-3	Interior	439	94	387	427	495	238	743	79	0	NC
Specific Conductance	µmhos/cm	S12A	WCA-3	Outflow	307	97	241	287	353	3	660	127	0	NC
Specific Conductance	µmhos/cm	S12B	WCA-3	Outflow	336	104	260	319	367	209	743	125	0	NC
Specific Conductance	µmhos/cm	S12C	WCA-3	Outflow	382	111	299	349	478	202	666	123	0	NC
Specific Conductance	µmhos/cm	S12D	WCA-3	Outflow	474	152	325	521	603	239	812	138	0	NC
Specific Conductance	µmhos/cm	S197	WCA-3	Outflow	507	68	463	488	532	442	663	9	0	--
Specific Conductance	µmhos/cm	S31	WCA-3	Outflow	748	108	678	738	815	532	979	38	0	NC
Specific Conductance	µmhos/cm	S333	WCA-3	Outflow	545	126	449	573	628	240	858	137	0	NC
Specific Conductance	µmhos/cm	S334	WCA-3	Outflow	531	92	460	529	586	328	772	81	0	NC
Specific Conductance	µmhos/cm	S344	WCA-3	Outflow	275	72	206	271	346	174	410	17	0	--
Specific Conductance	µmhos/cm	S355A	WCA-3	Outflow	368	114	263	367	475	193	600	60	0	NC
Specific Conductance	µmhos/cm	S355B	WCA-3	Outflow	397	102	297	422	471	218	649	60	0	NC
Specific Conductance	µmhos/cm	US41-25	WCA-3	Outflow	369	99	302	375	448	1	540	127	0	NC
Specific Conductance	µmhos/cm	S12A	Park	Inflow	307	97	241	287	353	3	660	127	0	NC
Specific Conductance	µmhos/cm	S12B	Park	Inflow	336	104	260	319	367	209	743	125	0	NC
Specific Conductance	µmhos/cm	S12C	Park	Inflow	382	111	299	349	478	202	666	123	0	NC
Specific Conductance	µmhos/cm	S12D	Park	Inflow	474	152	325	521	603	239	812	138	0	NC
Specific Conductance	µmhos/cm	S175	Park	Inflow	541	358	464	491	545	353	4425	123	0	MC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Specific Conductance	µmhos/cm	S18C	Park	Inflow	522	48	498	512	526	446	952	182	0	NC
Specific Conductance	µmhos/cm	S332	Park	Inflow	509	66	463	496	543	358	724	122	0	NC
Specific Conductance	µmhos/cm	S332D	Park	Inflow	557	58	519	540	586	396	774	227	0	NC
Specific Conductance	µmhos/cm	S333	Park	Inflow	545	126	449	573	628	240	858	137	0	NC
Specific Conductance	µmhos/cm	S355A	Park	Inflow	368	114	263	367	475	193	600	60	0	NC
Specific Conductance	µmhos/cm	S355B	Park	Inflow	397	102	297	422	471	218	649	60	0	NC
Specific Conductance	µmhos/cm	T0E	Park	Inflow	484	53	439	497	533	396	562	11	0	--
Specific Conductance	µmhos/cm	T0W	Park	Inflow	487	56	440	495	535	398	562	11	0	--
Specific Conductance	µmhos/cm	EP	Park	Interior	551	176	483	512	596	249	1405	35	2.9±4.6	MC
Specific Conductance	µmhos/cm	NE1	Park	Interior	524	130	433	518	608	288	783	55	0	NC
Specific Conductance	µmhos/cm	NP201	Park	Interior	519	142	440	490	567	295	1156	53	0	NC
Specific Conductance	µmhos/cm	P33	Park	Interior	518	112	449	521	574	305	806	56	0	NC
Specific Conductance	µmhos/cm	P34	Park	Interior	293	77	240	271	332	198	556	39	0	NC
Specific Conductance	µmhos/cm	P35	Park	Interior	471	160	357	444	523	272	1016	37	0	NC
Specific Conductance	µmhos/cm	P36	Park	Interior	494	121	394	476	568	315	783	56	0	NC
Specific Conductance	µmhos/cm	P37	Park	Interior	327	108	243	294	388	179	597	37	0	NC
Specific Conductance	µmhos/cm	T05E	Park	Interior	528	55	477	517	560	471	631	7	0	--
Specific Conductance	µmhos/cm	T05W	Park	Interior	506	40	468	507	544	458	560	5	0	--
Specific Conductance	µmhos/cm	T10E	Park	Interior	508	37	481	496	548	480	561	4	0	--
Specific Conductance	µmhos/cm	T10W	Park	Interior	513	47	473	509	545	461	594	6	0	--
Specific Conductance	µmhos/cm	T15E	Park	Interior	483	57	423	515	527	403	533	5	0	--
Specific Conductance	µmhos/cm	T15W	Park	Interior	451	32	421	444	484	413	489	5	0	--
Specific Conductance	µmhos/cm	T23	Park	Interior	392	42	360	386	428	351	461	5	0	--
Specific Conductance	µmhos/cm	T24	Park	Interior	310	75	256	290	375	251	436	5	0	--
Specific Conductance	µmhos/cm	T33	Park	Interior	369	83	294	346	458	291	490	8	0	--
Specific Conductance	µmhos/cm	T34	Park	Interior	330	65	269	322	404	251	409	6	0	--
Specific Conductance	µmhos/cm	TNMESO	Park	Interior	344	88	279	326	396	236	519	8	0	--
Specific Conductance	µmhos/cm	TSB	Park	Interior	422	102	347	440	499	143	609	44	0	NC
Specific Conductance	µmhos/cm	TSMESO	Park	Interior	318	79	232	323	396	202	405	7	0	--
Sulfate	mg/L	ACME1DS	Refuge	Inflow	27.2	16.87	14.6	22.2	41	3.32	68.3	22		

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I. Category
Sulfate	mg/L	ENR012	Refuge	Inflow	60.3	17.56	45.6	56.3	73	24.2	104	129	
Sulfate	mg/L	G310	Refuge	Inflow	63.8	19.97	48.9	60.0	76	29.1	123	124	
Sulfate	mg/L	G94D	Refuge	Inflow	26.0	15.30	15.6	21.9	38	3.22	64.6	22	N/A
Sulfate	mg/L	S5A	Refuge	Inflow	34.0	2.59	32.1	33.2	37	32.0	37.6	4	N/A
Sulfate	mg/L	S6	Refuge	Inflow	47.9	7.28	42.3	45.4	56	42.3	56.2	3	N/A
Sulfate	mg/L	LOX10	Refuge	Interior	13.5	22.86	1.90	3.70	20	0.90	110	31	N/A
Sulfate	mg/L	LOX11	Refuge	Interior	0.13	0.11	<0.1	0.10	0.12	<0.1	<0.1	43	N/A
Sulfate	mg/L	LOX12	Refuge	Interior	7.93	11.85	1.30	2.67	7.81	<0.1	49.0	58	N/A
Sulfate	mg/L	LOX13	Refuge	Interior	0.13	0.12	<0.1	0.10	0.15	<0.1	0.57	38	N/A
Sulfate	mg/L	LOX14	Refuge	Interior	4.56	9.75	0.50	1.40	3.03	0.10	44.0	50	N/A
Sulfate	mg/L	LOX15	Refuge	Interior	23.8	20.00	5.93	19.0	40	2.10	71.2	52	N/A
Sulfate	mg/L	LOX16	Refuge	Interior	2.61	6.63	0.44	0.80	1.70	0.10	42.3	51	N/A
Sulfate	mg/L	LOX3	Refuge	Interior	0.19	0.18	0.08	0.10	0.21	<0.1	0.59	13	N/A
Sulfate	mg/L	LOX4	Refuge	Interior	9.27	15.69	1.60	2.70	9.94	0.90	81.0	33	N/A
Sulfate	mg/L	LOX5	Refuge	Interior	0.09	0.04	<0.1	0.10	0.10	<0.1	0.20	17	N/A
Sulfate	mg/L	LOX6	Refuge	Interior	10.8	17.44	1.16	2.90	12	0.37	84.3	46	N/A
Sulfate	mg/L	LOX7	Refuge	Interior	0.27	0.21	0.11	0.22	0.40	<0.1	1.10	42	N/A
Sulfate	mg/L	LOX8	Refuge	Interior	0.20	0.57	<0.1	0.10	0.11	<0.1	3.90	48	N/A
Sulfate	mg/L	LOX9	Refuge	Interior	0.90	2.73	<0.1	0.10	0.22	<0.1	12.0	25	N/A
Sulfate	mg/L	X1	Refuge	Interior	51.4	23.81	31.0	50.0	73	11.0	110	53	N/A
Sulfate	mg/L	X2	Refuge	Interior	33.6	22.05	11.0	32.0	52	5.10	76.0	53	N/A
Sulfate	mg/L	X3	Refuge	Interior	23.3	20.02	6.08	17.0	35	2.70	72.0	54	N/A
Sulfate	mg/L	X4	Refuge	Interior	6.10	8.19	1.30	2.30	6.90	0.51	40.0	55	N/A
Sulfate	mg/L	Y4	Refuge	Interior	9.73	11.42	2.40	4.35	12	0.93	45.0	56	N/A
Sulfate	mg/L	Z1	Refuge	Interior	50.8	19.21	39.5	52.0	61	12.0	88.0	55	N/A
Sulfate	mg/L	Z2	Refuge	Interior	33.8	16.39	18.5	35.0	47	8.20	63.0	49	N/A
Sulfate	mg/L	Z3	Refuge	Interior	15.9	13.93	4.88	10.5	23	2.90	63.0	60	N/A
Sulfate	mg/L	Z4	Refuge	Interior	7.65	10.78	1.40	2.60	9.50	0.65	40.0	59	N/A
Sulfate	mg/L	S6D	Refuge	Rim	57.1	17.17	49.0	53.0	64	33.2	110	20	N/A
Sulfate	mg/L	X0	Refuge	Rim	56.9	22.20	41.8	53.0	67	16.0	120	62	N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I. Category
Sulfate	mg/L	Z0	Refuge	Rim	56.7	21.98	42.5	53.0	66	16.0	120	61	N/A
Sulfate	mg/L	G94B	Refuge	Outflow	28.7	19.33	13.4	26.3	44	1.42	72.9	20	N/A
Sulfate	mg/L	S10A	Refuge	Outflow	38.3	16.22	21.2	39.5	51	12.9	65.1	21	N/A
Sulfate	mg/L	S10C	Refuge	Outflow	49.7	21.73	39.0	45.5	63	4.00	89.0	22	N/A
Sulfate	mg/L	S10D	Refuge	Outflow	58.6	19.67	44.9	55.8	72	15.5	98.3	22	N/A
Sulfate	mg/L	S10E	Refuge	Outflow	54.9	21.98	39.6	48.0	69	15.8	97.5	19	N/A
Sulfate	mg/L	S39	Refuge	Outflow	35.9	16.61	20.5	36.9	45	10.9	83.3	24	N/A
Sulfate	mg/L	E0	WCA-2	Inflow	45.7	19.94	30.5	40.0	57	19.0	105	59	N/A
Sulfate	mg/L	F0	WCA-2	Inflow	46.9	19.89	32.0	42.5	59	20.0	100	59	N/A
Sulfate	mg/L	G335	WCA-2	Inflow	56.8	18.53	44.9	54.1	69	8.03	106	100	N/A
Sulfate	mg/L	G339	WCA-2	Inflow	89.9			89.9		89.9	89.9	1	N/A
Sulfate	mg/L	S10A	WCA-2	Inflow	38.3	16.22	21.2	39.5	51	12.9	65.1	21	N/A
Sulfate	mg/L	S10C	WCA-2	Inflow	49.7	21.73	39.0	45.5	63	4.00	89.0	22	N/A
Sulfate	mg/L	S10D	WCA-2	Inflow	58.6	19.67	44.9	55.8	72	15.5	98.3	22	N/A
Sulfate	mg/L	S10E	WCA-2	Inflow	54.9	21.98	39.6	48.0	69	15.8	97.5	19	N/A
Sulfate	mg/L	S38B	WCA-2	Inflow	38.9	17.14	25.2	37.9	51	11.9	73.7	17	N/A
Sulfate	mg/L	S7	WCA-2	Inflow	39.7	13.42	29.6	39.0	48	18.9	79.3	22	N/A
Sulfate	mg/L	CA215	WCA-2	Interior	33.3	26.79	12.9	25.8	50	5.60	180	76	N/A
Sulfate	mg/L	CA27	WCA-2	Interior	45.8	19.06	34.2	41.3	61	10.0	93.7	62	N/A
Sulfate	mg/L	CA28	WCA-2	Interior	61.0	21.43	43.7	63.4	76	18.0		52	N/A
Sulfate	mg/L	CA29	WCA-2	Interior	30.0	20.95	11.5	24.0	46	3.70	82.6	68	N/A
Sulfate	mg/L	E1	WCA-2	Interior	36.3	19.69	21.0	33.5	43	9.10	90.0	42	N/A
Sulfate	mg/L	E2	WCA-2	Interior	34.8	15.96	21.0	33.5	41	9.55	77.0	32	N/A
Sulfate	mg/L	E3	WCA-2	Interior	34.8	16.40	20.3	34.0	45	12.5	79.0	36	N/A
Sulfate	mg/L	E4	WCA-2	Interior	69.9	225	25.5	32.0	42	9.10	1400	37	N/A
Sulfate	mg/L	E5	WCA-2	Interior	31.3	13.66	24.0	29.5	40	7.95	66.0	41	N/A
Sulfate	mg/L	F1	WCA-2	Interior	36.3	23.27	17.4	31.0	49	5.20	100	86	N/A
Sulfate	mg/L	F2	WCA-2	Interior	35.8	20.24	18.0	36.5	50	7.30	97.7	113	N/A
Sulfate	mg/L	F3	WCA-2	Interior	30.8	18.89	14.5	27.0	42	6.90	100	49	N/A
Sulfate	mg/L	F4	WCA-2	Interior	32.7	19.22	16.0	31.9	45	5.93	100	106	N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I. Category
Sulfate	mg/L	F5	WCA-2	Interior	32.6	19.82	16.0	33.0	45	7.50	100	45	N/A
Sulfate	mg/L	S144	WCA-2	Interior	32.4	18.53	14.1	37.6	48	11.6	57.5	5	N/A
Sulfate	mg/L	S145	WCA-2	Interior	30.5	13.72	21.5	30.7	40	8.15	62.5	21	N/A
Sulfate	mg/L	S146	WCA-2	Interior	31.8	24.88	7.96	36.2	53	5.51	67.1	5	N/A
Sulfate	mg/L	U1	WCA-2	Interior	29.1	13.06	17.5	29.0	38	11.0	64.0	45	N/A
Sulfate	mg/L	U2	WCA-2	Interior	32.1	16.01	19.0	30.0	46	7.85	67.0	40	N/A
Sulfate	mg/L	U3	WCA-2	Interior	32.9	22.88	14.0	27.8	49	4.50	110	44	N/A
Sulfate	mg/L	S11A	WCA-2	Outflow	33.5	13.17	25.3	29.5	44	14.7	61.1	21	N/A
Sulfate	mg/L	S11B	WCA-2	Outflow	37.0	16.19	26.3	33.6	51	10.4	72.3	21	N/A
Sulfate	mg/L	S11C	WCA-2	Outflow	39.8	17.04	24.6	35.9	54	15.6	72.9	21	N/A
Sulfate	mg/L	S34	WCA-2	Outflow	25.2	15.21	12.3	23.8	39	3.06	55.8	21	N/A
Sulfate	mg/L	S38	WCA-2	Outflow	27.5	14.17	19.1	25.2	35	2.34	70.4	20	N/A
Sulfate	mg/L	3AE0	WCA-3	Inflow	7.75	2.43	5.90	7.90	9.74	1.80	12.0	46	N/A
Sulfate	mg/L	3AW0	WCA-3	Inflow	7.70	2.07	6.10	8.00	9.45	3.70	12.0	47	N/A
Sulfate	mg/L	C123SR84	WCA-3	Inflow	18.5	11.39	9.24	14.3	26	3.26	45.2	19	N/A
Sulfate	mg/L	G123	WCA-3	Inflow	17.8	16.08	2.54	13.0	32	1.08	52.1	20	N/A
Sulfate	mg/L	S11A	WCA-3	Inflow	33.5	13.17	25.3	29.5	44	14.7	61.1	21	N/A
Sulfate	mg/L	S11B	WCA-3	Inflow	37.0	16.19	26.3	33.6	51	10.4	72.3	21	N/A
Sulfate	mg/L	S11C	WCA-3	Inflow	39.8	17.04	24.6	35.9	54	15.6	72.9	21	N/A
Sulfate	mg/L	S140	WCA-3	Inflow	10.5	5.77	6.87	8.37	16	1.19	22.4	25	N/A
Sulfate	mg/L	S142	WCA-3	Inflow	25.9	13.93	13.3	25.7	38	7.40	56.5	25	N/A
Sulfate	mg/L	S150	WCA-3	Inflow	30.9	14.13	18.4	27.5	46	10.4	60.1	20	N/A
Sulfate	mg/L	S151	WCA-3	Inflow	19.7	9.88	10.8	19.9	27	4.49	36.3	21	N/A
Sulfate	mg/L	S190	WCA-3	Inflow	8.67	2.86	6.72	8.04	11	4.00	14.2	24	N/A
Sulfate	mg/L	S8	WCA-3	Inflow	36.1	11.91	28.0	40.3	43	10.4	55.6	21	N/A
Sulfate	mg/L	S9	WCA-3	Inflow	2.95	1.60	1.79	2.52	4.06	0.80	7.00	22	N/A
Sulfate	mg/L	3AE05	WCA-3	Interior	4.58	2.08	3.40	4.00	6.00	1.20	9.30	23	N/A
Sulfate	mg/L	3AE10	WCA-3	Interior	3.16	2.17	1.35	2.50	4.35	0.40	8.00	29	N/A
Sulfate	mg/L	3AE15	WCA-3	Interior	4.66	12.07	0.93	1.75	5.00	0.44	71.0	33	N/A
Sulfate	mg/L	3AE20	WCA-3	Interior	2.95	4.40	1.10	1.75	3.23	0.70	28.0	40	N/A

Parameter	Units	Station	Area	Class	Arithmetic	Std.	25 th	Median	75 th	Min.	Max.	N	Excursion	
					Mean	Deviation	Percentile		Percentile				%±90% C.I.	Category
Sulfate	mg/L	3AE40	WCA-3	Interior	1.51	1.03	0.85	1.20	1.89	0.22	4.65	36		N/A
Sulfate	mg/L	3ANMESO	WCA-3	Interior	0.71	0.89	0.32	0.58	0.76	0.10	6.00	43		N/A
Sulfate	mg/L	3ASMESO	WCA-3	Interior	0.40	0.30	0.12	0.31	0.64	0.10	1.20	44		N/A
Sulfate	mg/L	3AW05	WCA-3	Interior	3.94	2.28	1.93	4.00	5.53	0.61	8.85	26		N/A
Sulfate	mg/L	3AW10	WCA-3	Interior	6.94	20.45	1.40	2.90	5.50	0.49	120	33		N/A
Sulfate	mg/L	3AW15	WCA-3	Interior	5.74	20.25	0.81	1.70	3.80	0.52	120	34		N/A
Sulfate	mg/L	3AW20	WCA-3	Interior	2.43	2.38	0.87	1.80	3.35	0.39	12.0	33		N/A
Sulfate	mg/L	3AW40	WCA-3	Interior	1.16	0.79	0.47	1.00	1.70	0.10	3.20	41		N/A
Sulfate	mg/L	CA311	WCA-3	Interior	1.57	2.06	0.73	1.20	1.60	<0.1	16.0	78		N/A
Sulfate	mg/L	CA315	WCA-3	Interior	0.17	0.27	<0.1	<0.1	0.20	<0.1	2.25	95		N/A
Sulfate	mg/L	CA316	WCA-3	Interior	19.4	15.81	5.50	13.0	31	1.20	56.8	94		N/A
Sulfate	mg/L	CA317	WCA-3	Interior	16.8	13.02	5.49	12.9	26	2.50	48.0	120		N/A
Sulfate	mg/L	CA318	WCA-3	Interior	9.18	6.84	3.95	7.23	13	<0.1	31.8	105		N/A
Sulfate	mg/L	CA32	WCA-3	Interior	12.4	19.98	0.86	2.35	15	<0.1	83.2	50		N/A
Sulfate	mg/L	CA33	WCA-3	Interior	11.4	22.21	2.75	4.39	8.43	1.20	120	56		N/A
Sulfate	mg/L	CA34	WCA-3	Interior	8.15	5.66	3.80	6.50	12	1.29	28.0	58		N/A
Sulfate	mg/L	CA35	WCA-3	Interior	6.47	5.59	3.69	4.65	7.55	2.20	33.9	33		N/A
Sulfate	mg/L	CA36	WCA-3	Interior	27.4	10.62	20.0	29.2	37	7.38	42.2	29		N/A
Sulfate	mg/L	CA38	WCA-3	Interior	2.61	4.81	1.10	1.46	2.00	0.10	29.3	58		N/A
Sulfate	mg/L	S12A	WCA-3	Outflow	0.71	2.17	<0.1	0.13	0.31	<0.1	10.0	21		N/A
Sulfate	mg/L	S12B	WCA-3	Outflow	1.51	2.78	<0.1	0.14	2.31	<0.1	10.7	20		N/A
Sulfate	mg/L	S12C	WCA-3	Outflow	3.76	4.33	<0.1	2.50	7.61	<0.1	15.0	19		N/A
Sulfate	mg/L	S12D	WCA-3	Outflow	7.46	8.40	0.37	3.64	13	<0.1	28.9	27		N/A
Sulfate	mg/L	S197	WCA-3	Outflow	10.8	3.86	7.36	9.67	15	6.60	15.5	5		N/A
Sulfate	mg/L	S31	WCA-3	Outflow	14.3	10.99	4.63	11.2	27	4.02	31.9	13		N/A
Sulfate	mg/L	S333	WCA-3	Outflow	11.6	9.57	3.28	10.5	17	0.98	35.8	25		N/A
Sulfate	mg/L	S334	WCA-3	Outflow	7.08	7.47	1.10	3.86	12	<0.1	28.5	19		N/A
Sulfate	mg/L	S344	WCA-3	Outflow	0.24	0.22	<0.1	0.19	0.35	<0.1	0.67	18		N/A
Sulfate	mg/L	S355A	WCA-3	Outflow	0.65	1.34	<0.1	0.20	0.60	<0.1	5.92	19		N/A
Sulfate	mg/L	S355B	WCA-3	Outflow	1.96	3.73	0.09	0.88	1.92	<0.1	16.0	18		N/A

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I. Category
Sulfate	mg/L	US41-25	WCA-3	Outflow	0.26	0.35	<0.1	<0.1	0.42	<0.1	1.40	20	N/A
Sulfate	mg/L	S12A	Park	Inflow	0.71	2.17	<0.1	0.13	0.31	<0.1	10.0	21	N/A
Sulfate	mg/L	S12B	Park	Inflow	1.51	2.78	<0.1	0.14	2.31	<0.1	10.7	20	N/A
Sulfate	mg/L	S12C	Park	Inflow	3.76	4.33	<0.1	2.50	7.61	<0.1	15.0	19	N/A
Sulfate	mg/L	S12D	Park	Inflow	7.46	8.40	0.37	3.64	13	<0.1	28.9	27	N/A
Sulfate	mg/L	S175	Park	Inflow	2.11	1.60	0.57	1.92	3.11	<0.1	5.02	18	N/A
Sulfate	mg/L	S18C	Park	Inflow	9.16	3.60	7.22	9.17	11	<0.1	15.9	25	N/A
Sulfate	mg/L	S332	Park	Inflow	2.74	1.87	1.85	2.26	3.49	<0.1	7.50	16	N/A
Sulfate	mg/L	S332D	Park	Inflow	7.14	9.24	1.80	3.12	12	1.40	25.8	9	N/A
Sulfate	mg/L	S333	Park	Inflow	11.6	9.57	3.28	10.5	17	0.98	35.8	25	N/A
Sulfate	mg/L	S355A	Park	Inflow	0.65	1.34	<0.1	0.20	0.60	<0.1	5.92	19	N/A
Sulfate	mg/L	S355B	Park	Inflow	1.96	3.73	0.09	0.88	1.92	<0.1	16.0	18	N/A
Sulfate	mg/L	T0E	Park	Inflow	1.81	1.35	0.29	1.95	2.99	0.10	3.90	12	N/A
Sulfate	mg/L	T0W	Park	Inflow	1.75	1.25	0.41	1.90	2.75	0.10	4.00	12	N/A
Sulfate	mg/L	EP	Park	Interior	8.30	11.38	3.40	5.54	7.33	1.35	60.9	33	N/A
Sulfate	mg/L	NE1	Park	Interior	4.52	4.98	1.00	2.85	6.80	<0.1	19.9	47	N/A
Sulfate	mg/L	NP201	Park	Interior	27.5	72.08	2.35	5.78	9.50	<0.1	403	45	N/A
Sulfate	mg/L	P33	Park	Interior	6.23	8.03	1.98	3.39	6.93	<0.1	48.8	53	N/A
Sulfate	mg/L	P34	Park	Interior	0.24	0.56	<0.1	<0.1	0.13	<0.1	2.54	29	N/A
Sulfate	mg/L	P35	Park	Interior	1.98	3.16	0.40	0.50	1.71	<0.1	11.7	29	N/A
Sulfate	mg/L	P36	Park	Interior	3.27	10.93	0.50	0.76	1.55	0.21	68.7	43	N/A
Sulfate	mg/L	P37	Park	Interior	1.06	3.09	<0.1	<0.1	0.20	<0.1	13.0	29	N/A
Sulfate	mg/L	T05E	Park	Interior	6.48	10.34	2.15	3.10	3.78	1.70	32.0	8	N/A
Sulfate	mg/L	T05W	Park	Interior	2.16	0.29	1.95	2.10	2.40	1.80	2.60	5	N/A
Sulfate	mg/L	T10E	Park	Interior	1.85	0.52	1.30	2.05	2.20	1.10	2.20	4	N/A
Sulfate	mg/L	T10W	Park	Interior	2.55	1.18	1.60	2.15	3.00	1.40	4.90	7	N/A
Sulfate	mg/L	T15E	Park	Interior	1.94	0.54	1.55	1.90	2.35	1.30	2.80	5	N/A
Sulfate	mg/L	T15W	Park	Interior	1.61	0.81	0.89	1.60	2.35	0.67	2.80	5	N/A
Sulfate	mg/L	T23	Park	Interior	1.57	0.82	0.87	1.50	2.30	0.64	2.80	5	N/A
Sulfate	mg/L	T24	Park	Interior	0.44	0.44	0.10	0.29	0.85	0.10	1.15	5	N/A

Parameter	Units	Station	Area	Class	Arithmetic	Std.	25 th	Median	75 th	Min.	Max.	N	Excursion	
					Mean	Deviation	Percentile		Percentile				%±90% C.I.	Category
Sulfate	mg/L	T33	Park	Interior	1.05	1.01	0.38	0.61	1.45	0.10	3.40	9		N/A
Sulfate	mg/L	T34	Park	Interior	0.42	0.29	0.10	0.47	0.66	0.10	0.87	7		N/A
Sulfate	mg/L	TNMESO	Park	Interior	0.42	0.60	0.10	0.10	0.60	0.10	1.85	9		N/A
Sulfate	mg/L	TSB	Park	Interior	4.06	7.66	0.73	1.43	2.79	<0.1	35.0	32		N/A
Sulfate	mg/L	TSMESO	Park	Interior	0.48	0.38	0.25	0.36	0.64	0.10	1.30	8		N/A
Total Antimony	µg/L	S334	WCA-3	Outflow	<2.8			<2.8		<2.8	<2.8	1	0	--
Total Arsenic	µg/L	S334	WCA-3	Outflow	<2.0			<2.0		<2.0	<2.0	1	0	--
Total Beryllium	µg/L	S334	WCA-3	Outflow						<0.017	<0.017	1	0	--
Total Cadmium	µg/L	ACME1DS	Refuge	Inflow	0.21	0.16	<0.3	<0.3	<0.3	<0.3	0.51	10	0	--
Total Cadmium	µg/L	G94D	Refuge	Inflow	0.21	0.18	<0.3	<0.3	<0.3	<0.3	0.63	10	0	--
Total Cadmium	µg/L	S38B	WCA-2	Inflow	0.17	0.13	<0.3	<0.3	<0.3	<0.3	0.48	8	0	--
Total Cadmium	µg/L	G123	WCA-3	Inflow	0.20	0.12	<0.3	<0.3	<0.3	<0.3	0.45	10	0	--
Total Cadmium	µg/L	G204	WCA-3	Inflow	0.32	0.27	<0.3	<0.3	0.62	<0.3	0.75	6	0	--
Total Cadmium	µg/L	G205	WCA-3	Inflow	0.18	0.09	<0.3	<0.3	<0.3	<0.3	0.39	7	0	--
Total Cadmium	µg/L	G206	WCA-3	Inflow	0.21	0.12	<0.3	<0.3	<0.3	<0.3	0.49	8	0	--
Total Cadmium	µg/L	S140	WCA-3	Inflow	0.23	0.18	<0.3	<0.3	0.40	<0.3	0.60	10	0	--
Total Cadmium	µg/L	S190	WCA-3	Inflow	0.19	0.14	<0.3	<0.3	<0.3	<0.3	0.56	10	0	--
Total Cadmium	µg/L	S8	WCA-3	Inflow	0.23	0.20	<0.3	<0.3	<0.3	<0.3	0.64	14	0	--
Total Cadmium	µg/L	S9	WCA-3	Inflow	0.29	0.21	<0.3	<0.3	0.44	<0.3	0.71	10	0	--
Total Cadmium	µg/L	S14	WCA-3	Outflow	0.22	0.17	<0.3	<0.3	<0.3	<0.3	0.67	9	0	--
Total Cadmium	µg/L	S333	WCA-3	Outflow	0.19	0.17	<0.3	<0.3	<0.3	<0.3	0.86	18	0	--
Total Cadmium	µg/L	S355A	WCA-3	Outflow	0.22	0.12	<0.3	<0.3	0.34	<0.3	0.43	10	0	--
Total Cadmium	µg/L	S355B	WCA-3	Outflow	0.22	0.15	<0.3	<0.3	<0.3	<0.3	0.61	10	0	--
Total Cadmium	µg/L	S14	Park	Inflow	0.22	0.17	<0.3	<0.3	<0.3	<0.3	0.67	9	0	--
Total Cadmium	µg/L	S175	Park	Inflow	0.20	0.21	<0.3	<0.3	<0.3	<0.3	1.0	17	0	--
Total Cadmium	µg/L	S18C	Park	Inflow	0.20	0.18	<0.3	<0.3	<0.3	<0.3	0.90	18	0	--
Total Cadmium	µg/L	S332	Park	Inflow	0.20	0.21	<0.3	<0.3	<0.3	<0.3	1.0	17	0	--
Total Cadmium	µg/L	S332D	Park	Inflow	0.38	0.52	<0.3	<0.3	0.37	<0.3	1.6	10	0	--
Total Cadmium	µg/L	S333	Park	Inflow	0.19	0.17	<0.3	<0.3	<0.3	<0.3	0.86	18	0	--
Total Cadmium	µg/L	S355A	Park	Inflow	0.22	0.12	<0.3	<0.3	0.34	<0.3	0.43	10	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Cadmium	µg/L	S355B	Park	Inflow	0.22	0.15	<0.3	<0.3	<0.3	<0.3	0.61	10	0	--
Total Copper	µg/L	ACME1DS	Refuge	Inflow	2.7	2.6	<1.2	2.0	4.5	<1.2	8.2	9	0	--
Total Copper	µg/L	G94D	Refuge	Inflow	2.8	2.0	<1.2	2.2	4.9	<1.2	5.2	8	0	--
Total Copper	µg/L	S38B	WCA-2	Inflow	2.2	1.4	<1.2	2.3	2.6	<1.2	4.8	7	0	--
Total Copper	µg/L	G123	WCA-3	Inflow	2.3	2.3	<1.2	1.3	4.4	<1.2	6.7	10	0	--
Total Copper	µg/L	G204	WCA-3	Inflow	2.2	2.2	<1.2	1.2	4.4	<1.2	5.8	5	0	--
Total Copper	µg/L	G205	WCA-3	Inflow	1.2	0.7	<1.2	<1.2	2.0	<1.2	2.2	7	0	--
Total Copper	µg/L	G206	WCA-3	Inflow	1.7	1.6	<1.2	1.3	2.3	<1.2	5.1	7	0	--
Total Copper	µg/L	S140	WCA-3	Inflow	1.3	1.1	<1.2	<1.2	2.5	<1.2	3.0	9	0	--
Total Copper	µg/L	S190	WCA-3	Inflow	1.5	1.0	<1.2	1.3	2.6	<1.2	2.9	9	0	--
Total Copper	µg/L	S8	WCA-3	Inflow	2.1	2.0	<1.2	1.4	3.5	<1.2	6.1	13	0	--
Total Copper	µg/L	S9	WCA-3	Inflow	2.6	1.7	<1.2	2.3	4.1	<1.2	5.3	10	0	--
Total Copper	µg/L	S14	WCA-3	Outflow	0.74	0.41	<1.2	<1.2	<1.2	<1.2	1.8	9	0	--
Total Copper	µg/L	S333	WCA-3	Outflow	1.2	1.2	<1.2	<1.2	1.5	<1.2	5.6	18	0	--
Total Copper	µg/L	S355A	WCA-3	Outflow	0.88	0.48	<1.2	<1.2	1.3	<1.2	1.9	10	0	--
Total Copper	µg/L	S355B	WCA-3	Outflow	0.97	0.88	<1.2	<1.2	<1.2	<1.2	3.3	10	0	--
Total Copper	µg/L	S14	Park	Inflow	0.74	0.41	<1.2	<1.2	<1.2	<1.2	1.8	9	0	--
Total Copper	µg/L	S175	Park	Inflow	0.89	0.86	<1.2	<1.2	<1.2	<1.2	4.1	17	0	--
Total Copper	µg/L	S18C	Park	Inflow	0.83	0.45	<1.2	<1.2	<1.2	<1.2	2.0	18	0	--
Total Copper	µg/L	S332	Park	Inflow	0.76	0.37	<1.2	<1.2	<1.2	<1.2	1.8	17	0	--
Total Copper	µg/L	S332D	Park	Inflow	0.84	0.58	<1.2	<1.2	<1.2	<1.2	2.4	10	0	--
Total Copper	µg/L	S333	Park	Inflow	1.2	1.2	<1.2	<1.2	1.5	<1.2	5.6	18	0	--
Total Copper	µg/L	S355A	Park	Inflow	0.88	0.48	<1.2	<1.2	1.3	<1.2	1.9	10	0	--
Total Copper	µg/L	S355B	Park	Inflow	0.97	0.88	<1.2	<1.2	<1.2	<1.2	3.3	10	0	--
Total Iron	µg/L	ACME1DS	Refuge	Inflow	156	93	98	126	255	38	321	20	0	--
Total Iron	µg/L	G94D	Refuge	Inflow	353	316	137	192	614	44	1024	20	5.0±8.0	--
Total Iron	µg/L	LOX10	Refuge	Interior	33	19	19	27	38	13	79	11	0	--
Total Iron	µg/L	LOX11	Refuge	Interior	106	43	64	110	137	51	191	17	0	--
Total Iron	µg/L	LOX12	Refuge	Interior	27	35	12	19	31	7.0	187	24	0	--
Total Iron	µg/L	LOX13	Refuge	Interior	113	39	80	113	138	55	184	14	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Iron	µg/L	LOX14	Refuge	Interior	79	29	52	76	105	35	144	19	0	--
Total Iron	µg/L	LOX15	Refuge	Interior	4.5	2.8	<3.0	4.1	5.5	<3.0	11	22	0	--
Total Iron	µg/L	LOX16	Refuge	Interior	132	58	80	126	180	50	271	21	0	--
Total Iron	µg/L	LOX3	Refuge	Interior	85	21	66	82	103	61	118	6	0	--
Total Iron	µg/L	LOX4	Refuge	Interior	56	38	31	51	72	15	154	12	0	--
Total Iron	µg/L	LOX5	Refuge	Interior	88	68	36	69	107	35	233	7	0	--
Total Iron	µg/L	LOX6	Refuge	Interior	87	65	44	63	111	18	270	18	0	--
Total Iron	µg/L	LOX7	Refuge	Interior	114	37	84	111	151	63	180	17	0	--
Total Iron	µg/L	LOX8	Refuge	Interior	58	29	39	50	74	30	150	18	0	--
Total Iron	µg/L	LOX9	Refuge	Interior	44	20	29	42	50	20	86	11	0	--
Total Iron	µg/L	X1	Refuge	Interior	7.9	4.5	<10	<10	12	<10	18	32	0	NC
Total Iron	µg/L	X2	Refuge	Interior	5.5	1.8	<10	<10	<10	<7.0	11	33	0	NC
Total Iron	µg/L	X3	Refuge	Interior	10	9.6	<10	<10	12	<10	48	35	0	NC
Total Iron	µg/L	X4	Refuge	Interior	35	41	13	21	31	<10	172	35	0	NC
Total Iron	µg/L	Y4	Refuge	Interior	12	8.3	<10	10	19	<10	29	35	0	NC
Total Iron	µg/L	Z1	Refuge	Interior	8.4	6.3	<10	<10	10	<10	27	34	0	NC
Total Iron	µg/L	Z2	Refuge	Interior	6.8	6.1	<10	<10	<10	<5.0	38	32	0	NC
Total Iron	µg/L	Z3	Refuge	Interior	7.0	4.7	<10	<10	5.3	<7.0	25	35	0	NC
Total Iron	µg/L	Z4	Refuge	Interior	12	9.2	<10	9.5	19	<10	44	35	0	NC
Total Iron	µg/L	X0	Refuge	Rim	12	7.1	<10	11	17	<10	38	35	0	NC
Total Iron	µg/L	Z0	Refuge	Rim	12	7.6	<10	12	17	<10	40	35	0	NC
Total Iron	µg/L	G94B	Refuge	Outflow	79	72	33	51	103	18	317	18	0	--
Total Iron	µg/L	S10A	Refuge	Outflow	38	53	8.7	14	52	4.0	236	20	0	--
Total Iron	µg/L	S10C	Refuge	Outflow	30	36	8.0	20	36	3.0	166	21	0	--
Total Iron	µg/L	S10D	Refuge	Outflow	84	86	26	58	98	8.0	308	20	0	--
Total Iron	µg/L	S39	Refuge	Outflow	21	24	9.3	13	24	6.0	81	9	0	--
Total Iron	µg/L	E0	WCA-2	Inflow	18	10	12	19	25	<7.0	50	34	0	NC
Total Iron	µg/L	F0	WCA-2	Inflow	19	11	12	18	26	<10	49	34	0	NC
Total Iron	µg/L	S10A	WCA-2	Inflow	38	53	8.7	14	52	4.0	236	20	0	--
Total Iron	µg/L	S10C	WCA-2	Inflow	30	36	8.0	20	36	3.0	166	21	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Iron	µg/L	S10D	WCA-2	Inflow	84	86	26	58	98	8.0	308	20	0	--
Total Iron	µg/L	S38B	WCA-2	Inflow	81	77	26	56	105	12	313	17	0	--
Total Iron	µg/L	S7	WCA-2	Inflow	75	62	29	62	88	20	240	17	0	--
Total Iron	µg/L	CA215	WCA-2	Interior	8.8	4.6	5.4	8.1	12	<3.0	18	19	0	--
Total Iron	µg/L	CA27	WCA-2	Interior	13	8.4	8.8	10	13	7.7	35	10	0	--
Total Iron	µg/L	CA28	WCA-2	Interior	34	19	19	28	56	11	61	8	0	--
Total Iron	µg/L	CA29	WCA-2	Interior	15	4.7	13	14	17	8.3	27	15	0	--
Total Iron	µg/L	E1	WCA-2	Interior	17	23	<10	12	16	<10	111	25	0	--
Total Iron	µg/L	E2	WCA-2	Interior	8.9	5.2	<10	<10	12	<10	26	21	0	--
Total Iron	µg/L	E3	WCA-2	Interior	9.2	8.4	<10	<10	11	<10	38	24	0	--
Total Iron	µg/L	E4	WCA-2	Interior	8.5	5.2	<10	<10	13	<10	23	21	0	--
Total Iron	µg/L	E5	WCA-2	Interior	8.7	5.5	<10	<10	13	<7.0	20	26	0	--
Total Iron	µg/L	F1	WCA-2	Interior	9.6	5.1	<10	8.1	13	<10	25	34	0	NC
Total Iron	µg/L	F2	WCA-2	Interior	8.0	8.5	5.0	5.0	8.0	<3.0	58	42	0	NC
Total Iron	µg/L	F3	WCA-2	Interior	5.7	2.3	<10	<10	<10	<7.0	14	33	0	NC
Total Iron	µg/L	F4	WCA-2	Interior	5.9	3.2	<10	<10	<10	<2.0	13	38	0	NC
Total Iron	µg/L	F5	WCA-2	Interior	6.9	4.3	<10	<10	<10	<7.0	18	26	0	--
Total Iron	µg/L	U1	WCA-2	Interior	7.1	3.3	<10	<10	11	<7.0	14	25	0	--
Total Iron	µg/L	U2	WCA-2	Interior	7.5	3.5	<10	<10	12	<10	15	23	0	--
Total Iron	µg/L	U3	WCA-2	Interior	9.5	5.2	<10	8.5	13	<10	23	26	0	--
Total Iron	µg/L	S11B	WCA-2	Outflow	31	19	12	24	48	10	65	20	0	--
Total Iron	µg/L	S11C	WCA-2	Outflow	50	61	23	28	56	11	304	21	0	--
Total Iron	µg/L	3AE0	WCA-3	Inflow	60	67	17	30	74	5.0	271	31	0	NC
Total Iron	µg/L	3AW0	WCA-3	Inflow	56	69	15	29	63	5.0	290	32	0	NC
Total Iron	µg/L	G123	WCA-3	Inflow	142	118	46	96	218	30	393	19	0	--
Total Iron	µg/L	G204	WCA-3	Inflow	186	176	45	103	330	35	573	13	0	--
Total Iron	µg/L	G205	WCA-3	Inflow	148	104	81	127	183	49	424	16	0	--
Total Iron	µg/L	G206	WCA-3	Inflow	122	93	47	102	148	36	321	14	0	--
Total Iron	µg/L	S11B	WCA-3	Inflow	31	19	12	24	48	10	65	20	0	--
Total Iron	µg/L	S11C	WCA-3	Inflow	50	61	23	28	56	11	304	21	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Iron	µg/L	S140	WCA-3	Inflow	185	86	101	191	265	34	323	21	0	--
Total Iron	µg/L	S150	WCA-3	Inflow	65	31	41	61	81	25	148	19	0	--
Total Iron	µg/L	S190	WCA-3	Inflow	165	107	67	146	237	46	383	22	0	--
Total Iron	µg/L	S8	WCA-3	Inflow	127	82	61	94	188	20	321	32	0	NC
Total Iron	µg/L	S9	WCA-3	Inflow	415	170	301	417	575	81	659	19	0	--
Total Iron	µg/L	3AE05	WCA-3	Interior	121	69	46	132	162	30	277	16	0	--
Total Iron	µg/L	3AE10	WCA-3	Interior	143	77	84	122	183	41	304	22	0	--
Total Iron	µg/L	3AE15	WCA-3	Interior	173	77	107	162	236	42	315	26	0	--
Total Iron	µg/L	3AE20	WCA-3	Interior	138	70	70	141	210	18	255	30	0	NC
Total Iron	µg/L	3AE40	WCA-3	Interior	61	79	25	39	64	5.0	402	27	0	--
Total Iron	µg/L	3ANMESO	WCA-3	Interior	124	91	57	103	165	14	416	30	0	NC
Total Iron	µg/L	3ASMESO	WCA-3	Interior	100	75	55	78	124	15	316	31	0	NC
Total Iron	µg/L	3AW05	WCA-3	Interior	110	54	59	108	151	34	246	19	0	--
Total Iron	µg/L	3AW10	WCA-3	Interior	162	75	113	155	205	55	327	25	0	--
Total Iron	µg/L	3AW15	WCA-3	Interior	162	76	93	163	225	51	297	25	0	--
Total Iron	µg/L	3AW20	WCA-3	Interior	186	70	134	188	227	50	347	25	0	--
Total Iron	µg/L	3AW40	WCA-3	Interior	72	74	27	44	92	5.0	324	30	0	NC
Total Iron	µg/L	CA311	WCA-3	Interior	136	65	72	132	199	33	230	17	0	--
Total Iron	µg/L	CA315	WCA-3	Interior	251	203	80	180	342	22	740	19	0	--
Total Iron	µg/L	CA316	WCA-3	Interior	8.0	5.3	4.3	8.1	11	<3.0	22	18	0	--
Total Iron	µg/L	CA317	WCA-3	Interior	8.2	6.4	4.8	7.1	10	<3.0	35	26	0	--
Total Iron	µg/L	CA318	WCA-3	Interior	26	22	7.5	20	35	<3.0	94	21	0	--
Total Iron	µg/L	CA32	WCA-3	Interior	101	54	61	91	144	28	194	8	0	--
Total Iron	µg/L	CA33	WCA-3	Interior	125	50	90	117	134	69	240	12	0	--
Total Iron	µg/L	CA34	WCA-3	Interior	91	67	44	54	133	33	241	10	0	--
Total Iron	µg/L	CA35	WCA-3	Interior	143	67	85	141	221	53	230	7	0	--
Total Iron	µg/L	CA36	WCA-3	Interior	126	51	94	141	153	40	200	7	0	--
Total Iron	µg/L	CA38	WCA-3	Interior	242	173	111	239	323	<10	610	12	0	--
Total Iron	µg/L	S12A	WCA-3	Outflow	108	42	75	108	142	21	186	28	0	NC
Total Iron	µg/L	S12B	WCA-3	Outflow	108	58	69	104	121	21	290	25	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Iron	µg/L	S12C	WCA-3	Outflow	121	56	87	110	158	23	239	25	0	--
Total Iron	µg/L	S12D	WCA-3	Outflow	108	49	67	107	141	33	221	17	0	--
Total Iron	µg/L	S333	WCA-3	Outflow	87	34	59	83	102	34	170	35	0	NC
Total Iron	µg/L	S334	WCA-3	Outflow	146	67	95	122	209	74	249	5	0	--
Total Iron	µg/L	S344	WCA-3	Outflow	89	40	65	85	113	26	182	17	0	--
Total Iron	µg/L	S355A	WCA-3	Outflow	53	46	22	38	63	17	171	20	0	--
Total Iron	µg/L	S355B	WCA-3	Outflow	95	34	62	97	120	49	176	20	0	--
Total Iron	µg/L	S12A	Park	Inflow	108	42	75	108	142	21	186	28	0	NC
Total Iron	µg/L	S12B	Park	Inflow	108	58	69	104	121	21	290	25	0	--
Total Iron	µg/L	S12C	Park	Inflow	121	56	87	110	158	23	239	25	0	--
Total Iron	µg/L	S12D	Park	Inflow	108	49	67	107	141	33	221	17	0	--
Total Iron	µg/L	S175	Park	Inflow	223	197	111	184	245	64	909	28	0	NC
Total Iron	µg/L	S18C	Park	Inflow	172	120	39	219	263	17	422	33	0	NC
Total Iron	µg/L	S332	Park	Inflow	244	119	165	228	297	65	555	27	0	--
Total Iron	µg/L	S332D	Park	Inflow	266	117	180	267	363	98	527	22	0	--
Total Iron	µg/L	S333	Park	Inflow	87	34	59	83	102	34	170	35	0	NC
Total Iron	µg/L	S355A	Park	Inflow	53	46	22	38	63	17	171	20	0	--
Total Iron	µg/L	S355B	Park	Inflow	95	34	62	97	120	49	176	20	0	--
Total Silver	µg/L	S334	WCA-3	Outflow	<0.02			<0.02		<0.02	<0.02	1	0	--
Total Thallium	µg/L	S334	WCA-3	Outflow	0.26			0.26		0.26	0.26	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	5.2	<4.0	<4.0	<4.0	<4.0	16	7	0	--
Total Zinc	µg/L	G123	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	2.0	10	0	--
Total Zinc	µg/L	G204	WCA-3	Inflow	5.8	7.4	<4.0	<4.0	9.6	<4.0	21	6	0	--
Total Zinc	µg/L	G205	WCA-3	Inflow	3.0	1.7	<4.0	<4.0	5.0	<4.0	6.0	7	0	--
Total Zinc	µg/L	G206	WCA-3	Inflow	3.3	3.7	<4.0	<4.0	<4.0	<4.0	12	8	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	S8	WCA-3	Inflow	2.6	2.3	<4.0	<4.0	<4.0	<4.0	10	13	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Zinc	µg/L	S9	WCA-3	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	2.0	10	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	S333	WCA-3	Outflow	2.3	1.1	<4.0	<4.0	<4.0	<4.0	6.6	18	0	--
Total Zinc	µg/L	S355A	WCA-3	Outflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S355B	WCA-3	Outflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	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	S175	Park	Inflow	2.2	1.0	<4.0	<4.0	<4.0	<4.0	5.2	17	0	--
Total Zinc	µg/L	S18C	Park	Inflow	2.3	1.2	<4.0	<4.0	<4.0	<4.0	5.8	18	0	--
Total Zinc	µg/L	S332	Park	Inflow	2.8	1.8	<4.0	<4.0	3.5	<4.0	6.9	17	0	--
Total Zinc	µg/L	S332D	Park	Inflow	2.7	2.4	<4.0	<4.0	2.7	<4.0	8.7	10	0	--
Total Zinc	µg/L	S333	Park	Inflow	2.3	1.1	<4.0	<4.0	<4.0	<4.0	6.6	18	0	--
Total Zinc	µg/L	S355A	Park	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Total Zinc	µg/L	S355B	Park	Inflow	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	10	0	--
Turbidity	NTU	ACME1DS	Refuge	Inflow	4.23	2.44	2.62	4.09	5.28	0.77	15.8	66	0	NC
Turbidity	NTU	ENR012	Refuge	Inflow	2.20	2.23	1.02	1.74	2.60	0.42	21.7	129	0	NC
Turbidity	NTU	G310	Refuge	Inflow	5.34	7.30	2.41	3.38	4.86	0.43	63.0	124	2.4±2.3	MC
Turbidity	NTU	G94D	Refuge	Inflow	5.44	3.82	2.98	3.91	7.25	1.36	22.3	68	0	NC
Turbidity	NTU	S5A	Refuge	Inflow	12.8	9.87	4.26	11.1	23.00	3.25	25.7	4	0	--
Turbidity	NTU	S5AS	Refuge	Inflow	13.0			13.0		13.0	13.0	1	0	--
Turbidity	NTU	S6	Refuge	Inflow	17.0	12.93	9.06	13.6	22.95	2.83	46.4	9	11.1±17.2	--
Turbidity	NTU	LOX10	Refuge	Interior	1.06	1.46	0.52	0.65	0.92	0.34	7.40	26	0	--
Turbidity	NTU	LOX11	Refuge	Interior	0.94	0.55	0.62	0.77	1.00	0.40	3.40	43	0	NC
Turbidity	NTU	LOX12	Refuge	Interior	1.09	3.26	0.43	0.51	0.73	0.30	25.50	59	0	NC
Turbidity	NTU	LOX13	Refuge	Interior	1.30	0.96	0.76	1.00	1.32	0.44	4.98	38	0	NC
Turbidity	NTU	LOX14	Refuge	Interior	0.62	0.28	0.47	0.54	0.70	0.29	1.70	51	0	NC
Turbidity	NTU	LOX15	Refuge	Interior	0.61	0.34	0.43	0.52	0.65	0.31	2.50	54	0	NC
Turbidity	NTU	LOX16	Refuge	Interior	0.65	0.29	0.48	0.60	0.76	0.39	2.10	52	0	NC
Turbidity	NTU	LOX3	Refuge	Interior	1.09	0.30	0.92	1.04	1.12	0.76	2.00	13	0	--
Turbidity	NTU	LOX4	Refuge	Interior	1.27	2.18	0.52	0.74	1.00	0.05	12.30	31	0	NC
Turbidity	NTU	LOX5	Refuge	Interior	1.59	1.45	0.88	1.10	1.30	0.64	6.20	17	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion	
													%±90% C.I.	Category
Turbidity	NTU	LOX6	Refuge	Interior	0.67	0.21	0.55	0.61	0.75	0.35	1.33	46	0	NC
Turbidity	NTU	LOX7	Refuge	Interior	0.98	0.52	0.65	0.84	1.18	0.44	3.20	40	0	NC
Turbidity	NTU	LOX8	Refuge	Interior	1.07	0.62	0.62	0.90	1.20	0.44	3.10	47	0	NC
Turbidity	NTU	LOX9	Refuge	Interior	0.88	0.79	0.52	0.61	0.87	0.37	4.20	25	0	--
Turbidity	NTU	S6D	Refuge	Rim	7.34	6.19	3.00	5.80	10.65	1.60	29.0	20	0	--
Turbidity	NTU	G94B	Refuge	Outflow	2.97	2.85	1.32	2.14	3.45	0.70	17.0	57	0	NC
Turbidity	NTU	S10A	Refuge	Outflow	2.37	2.56	1.14	1.64	2.71	0.70	13.8	30	0	NC
Turbidity	NTU	S10C	Refuge	Outflow	2.13	1.69	1.00	1.52	2.60	0.60	8.10	29	0	NC
Turbidity	NTU	S10D	Refuge	Outflow	6.40	7.76	2.34	4.70	7.27	0.88	55.8	65	0	MC
Turbidity	NTU	S10E	Refuge	Outflow	7.06	8.08	3.04	4.80	6.88	1.50	48.6	57	3.5±4.0	MC
Turbidity	NTU	S39	Refuge	Outflow	2.03	1.59	1.07	1.63	2.30	0.59	11.1	79	0	NC
Turbidity	NTU	G335	WCA-2	Inflow	2.94	4.25	1.00	1.38	3.31	0.50	31.5	101	0	MC
Turbidity	NTU	G339	WCA-2	Inflow	16.3			16.3		16.3	16.3	1	0	--
Turbidity	NTU	S10A	WCA-2	Inflow	2.37	2.56	1.14	1.64	2.71	0.70	13.8	30	0	NC
Turbidity	NTU	S10C	WCA-2	Inflow	2.13	1.69	1.00	1.52	2.60	0.60	8.10	29	0	NC
Turbidity	NTU	S10D	WCA-2	Inflow	6.40	7.76	2.34	4.70	7.27	0.88	55.8	65	0	MC
Turbidity	NTU	S10E	WCA-2	Inflow	7.06	8.08	3.04	4.80	6.88	1.50	48.6	57	3.5±4.0	MC
Turbidity	NTU	S38B	WCA-2	Inflow	1.30	1.31	0.60	0.78	1.53	0.44	5.92	19	0	--
Turbidity	NTU	S7	WCA-2	Inflow	4.45	4.68	1.70	2.77	5.21	0.64	27.4	78	0	NC
Turbidity	NTU	CA215	WCA-2	Interior	0.68	0.25	0.50	0.61	0.78	0.40	1.74	75	0	NC
Turbidity	NTU	CA27	WCA-2	Interior	0.64	0.30	0.46	0.58	0.70	0.35	2.30	63	0	NC
Turbidity	NTU	CA28	WCA-2	Interior	1.54	1.12	0.86	1.20	1.83	0.51	6.56	53	0	NC
Turbidity	NTU	CA29	WCA-2	Interior	0.67	0.20	0.55	0.66	0.77	0.24	1.20	68	0	NC
Turbidity	NTU	F1	WCA-2	Interior	2.17	2.17	0.95	1.45	2.60	0.48	13.6	44	0	NC
Turbidity	NTU	F2	WCA-2	Interior	2.19	2.86	0.70	1.21	2.04	0.45	16.4	64	0	NC
Turbidity	NTU	F4	WCA-2	Interior	0.69	0.34	0.49	0.61	0.80	0.34	2.50	67	0	NC
Turbidity	NTU	S144	WCA-2	Interior	1.26	0.86	0.64	0.95	1.82	0.42	3.40	16	0	--
Turbidity	NTU	S145	WCA-2	Interior	1.51	2.72	0.55	0.80	1.46	0.35	23.2	81	0	NC
Turbidity	NTU	S146	WCA-2	Interior	1.38	1.69	0.50	0.62	1.85	0.39	6.70	16	0	--
Turbidity	NTU	S11A	WCA-2	Outflow	1.93	1.63	0.84	1.31	2.60	0.21	8.80	76	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Turbidity	NTU	S11B	WCA-2	Outflow	1.73	1.56	0.81	1.04	2.09	0.53	6.50	40	0	NC
Turbidity	NTU	S11C	WCA-2	Outflow	2.75	2.68	1.07	2.00	3.17	0.50	17.3	75	0	NC
Turbidity	NTU	S34	WCA-2	Outflow	1.98	1.71	1.00	1.60	2.46	0.37	12.8	80	0	NC
Turbidity	NTU	S38	WCA-2	Outflow	1.16	0.85	0.55	0.79	1.60	0.27	4.20	74	0	NC
Turbidity	NTU	C123SR84	WCA-3	Inflow	3.57	5.09	1.17	1.96	4.29	0.60	32.5	72	2.8±3.2	MC
Turbidity	NTU	G123	WCA-3	Inflow	1.69	0.82	1.07	1.49	2.22	0.59	4.00	63	0	NC
Turbidity	NTU	L3	WCA-3	Inflow	27.5	7.71		27.5		22.0	32.9	2	50.0±58.2	--
Turbidity	NTU	S11A	WCA-3	Inflow	1.93	1.63	0.84	1.31	2.60	0.21	8.80	76	0	NC
Turbidity	NTU	S11B	WCA-3	Inflow	1.73	1.56	0.81	1.04	2.09	0.53	6.50	40	0	NC
Turbidity	NTU	S11C	WCA-3	Inflow	2.75	2.68	1.07	2.00	3.17	0.50	17.3	75	0	NC
Turbidity	NTU	S140	WCA-3	Inflow	1.96	0.82	1.27	1.84	2.60	0.80	4.75	83	0	NC
Turbidity	NTU	S142	WCA-3	Inflow	2.20	1.24	1.16	1.99	2.90	0.50	6.3	96	0	NC
Turbidity	NTU	S150	WCA-3	Inflow	3.03	2.97	1.56	2.20	3.60	0.61	20.2	63	0	NC
Turbidity	NTU	S151	WCA-3	Inflow	2.24	1.52	1.20	1.66	3.06	0.60	7.3	76	0	NC
Turbidity	NTU	S190	WCA-3	Inflow	2.35	1.15	1.51	2.00	2.65	0.98	6.5	76	0	NC
Turbidity	NTU	S8	WCA-3	Inflow	4.58	2.98	2.65	3.47	5.45	1.00	15.9	85	0	NC
Turbidity	NTU	S9	WCA-3	Inflow	4.33	3.25	2.81	3.69	4.62	0.34	21.8	76	0	NC
Turbidity	NTU	CA311	WCA-3	Interior	0.64	0.34	0.40	0.55	0.77	0.26	2.03	78	0	NC
Turbidity	NTU	CA315	WCA-3	Interior	0.79	0.82	0.40	0.54	0.90	0.26	7.20	95	0	NC
Turbidity	NTU	CA316	WCA-3	Interior	0.81	0.62	0.54	0.66	0.81	0.30	5.22	93	0	NC
Turbidity	NTU	CA317	WCA-3	Interior	0.60	0.28	0.41	0.51	0.68	0.30	1.70	120	0	NC
Turbidity	NTU	CA318	WCA-3	Interior	0.80	0.54	0.50	0.65	0.84	0.32	3.93	106	0	NC
Turbidity	NTU	CA32	WCA-3	Interior	0.64	0.22	0.49	0.60	0.69	0.37	1.57	50	0	NC
Turbidity	NTU	CA33	WCA-3	Interior	0.89	0.67	0.54	0.70	0.99	0.34	4.40	56	0	NC
Turbidity	NTU	CA34	WCA-3	Interior	0.74	0.37	0.52	0.62	0.82	0.35	2.60	58	0	NC
Turbidity	NTU	CA35	WCA-3	Interior	0.96	0.85	0.61	0.77	1.09	0.44	5.40	34	0	NC
Turbidity	NTU	CA36	WCA-3	Interior	1.68	1.28	0.85	1.26	2.30	0.46	5.40	29	0	NC
Turbidity	NTU	CA38	WCA-3	Interior	0.74	0.38	0.50	0.62	0.88	0.30	2.40	59	0	NC
Turbidity	NTU	S12A	WCA-3	Outflow	1.16	1.06	0.60	0.83	1.20	0.40	4.85	72	0	NC
Turbidity	NTU	S12B	WCA-3	Outflow	1.02	0.76	0.55	0.80	1.14	0.39	4.64	79	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Turbidity	NTU	S12C	WCA-3	Outflow	1.09	0.74	0.60	0.86	1.30	0.34	4.30	82	0	NC
Turbidity	NTU	S12D	WCA-3	Outflow	1.45	1.02	0.70	1.10	2.01	0.30	6.84	117	0	NC
Turbidity	NTU	S197	WCA-3	Outflow	1.93	1.08	1.01	1.72	2.62	0.80	4.03	8	0	--
Turbidity	NTU	S31	WCA-3	Outflow	1.53	0.80	1.01	1.26	1.84	0.65	4.18	37	0	NC
Turbidity	NTU	S333	WCA-3	Outflow	1.55	1.22	0.80	1.20	2.08	0.30	7.96	103	0	NC
Turbidity	NTU	S334	WCA-3	Outflow	2.12	1.88	1.10	1.47	2.50	0.60	13.0	77	0	NC
Turbidity	NTU	S344	WCA-3	Outflow	1.68	1.55	0.58	0.88	3.02	0.46	5.01	18	0	--
Turbidity	NTU	S355A	WCA-3	Outflow	5.05	12.06	0.72	1.30	2.60	0.42	71.4	57	5.3±4.9	MC
Turbidity	NTU	S355B	WCA-3	Outflow	5.38	6.84	1.00	2.35	7.55	0.31	25.4	57	0	NC
Turbidity	NTU	US41-25	WCA-3	Outflow	1.42	1.17	0.61	1.00	1.81	0.40	6.42	95	0	NC
Turbidity	NTU	S12A	Park	Inflow	1.16	1.06	0.60	0.83	1.20	0.40	4.85	72	0	NC
Turbidity	NTU	S12B	Park	Inflow	1.02	0.76	0.55	0.80	1.14	0.39	4.64	79	0	NC
Turbidity	NTU	S12C	Park	Inflow	1.09	0.74	0.60	0.86	1.30	0.34	4.30	82	0	NC
Turbidity	NTU	S12D	Park	Inflow	1.45	1.02	0.70	1.10	2.01	0.30	6.84	117	0	NC
Turbidity	NTU	S175	Park	Inflow	2.17	2.24	1.24	1.48	1.98	0.69	10.9	62	0	NC
Turbidity	NTU	S18C	Park	Inflow	1.78	0.85	1.20	1.57	2.20	0.50	5.20	91	0	NC
Turbidity	NTU	S332	Park	Inflow	2.23	1.63	1.34	1.90	2.60	0.69	12.2	61	0	NC
Turbidity	NTU	S332D	Park	Inflow	1.91	1.02	1.12	1.70	2.24	0.75	5.78	102	0	NC
Turbidity	NTU	S333	Park	Inflow	1.55	1.22	0.80	1.20	2.08	0.30	7.96	103	0	NC
Turbidity	NTU	S355A	Park	Inflow	5.05	12.06	0.72	1.30	2.60	0.42	71.4	57	5.3±4.9	MC
Turbidity	NTU	S355B	Park	Inflow	5.38	6.84	1.00	2.35	7.55	0.31	25.4	57	0	NC
Turbidity	NTU	EP	Park	Interior	0.71	0.43	0.40	0.53	0.95	0.29	2.12	35	0	NC
Turbidity	NTU	NE1	Park	Interior	3.03	3.19	0.80	1.80	4.02	0.28	13.8	55	0	NC
Turbidity	NTU	NP201	Park	Interior	1.90	2.19	0.58	0.97	2.39	0.30	11.6	52	0	NC
Turbidity	NTU	P33	Park	Interior	1.21	1.06	0.56	0.80	1.34	0.40	6.06	55	0	NC
Turbidity	NTU	P34	Park	Interior	1.06	0.96	0.54	0.72	1.00	0.40	4.60	39	0	NC
Turbidity	NTU	P35	Park	Interior	1.79	2.49	0.80	1.20	1.83	0.47	15.0	37	0	NC
Turbidity	NTU	P36	Park	Interior	2.66	2.61	1.07	1.42	3.67	0.57	14.4	54	0	NC
Turbidity	NTU	P37	Park	Interior	1.07	0.97	0.60	0.71	1.29	0.26	5.60	37	0	NC
Turbidity	NTU	TSB	Park	Interior	0.96	0.81	0.46	0.64	1.36	0.30	4.77	43	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Un-ionized ammonia	mg/L	ACME1DS	Refuge	Inflow	0.0021	0.0028	0.00029	0.00082	0.0027	0.000025	0.017	89	0	NC
Un-ionized ammonia	mg/L	ENR012	Refuge	Inflow	0.0018	0.0019	0.00046	0.0012	0.0027	0.000027	0.014	179	0	NC
Un-ionized ammonia	mg/L	G310	Refuge	Inflow	0.0032	0.0028	0.0011	0.0022	0.0043	0.00013	0.016	174	0	NC
Un-ionized ammonia	mg/L	G94D	Refuge	Inflow	0.0011	0.0010	0.00029	0.00081	0.0017	0.000030	0.0044	93	0	NC
Un-ionized ammonia	mg/L	S5A	Refuge	Inflow	0.0017	0.0018	0.00042	0.0010	0.0037	0.00039	0.0044	4	0	--
Un-ionized ammonia	mg/L	S5AS	Refuge	Inflow	0.0014			0.0014		0.0014	0.0014	1	0	--
Un-ionized ammonia	mg/L	S6	Refuge	Inflow	0.0093	0.017	0.0019	0.0038	0.0069	0.00098	0.053	9	11.1±17.2	--
Un-ionized ammonia	mg/L	LOX10	Refuge	Interior	0.000058	0.000082	0.000016	0.000027	0.000039	0.00000070	0.00026	29	0	NC
Un-ionized ammonia	mg/L	LOX11	Refuge	Interior	0.000024	0.000035	0.0000035	0.000011	0.000022	0.000002	0.00014	56	0	NC
Un-ionized ammonia	mg/L	LOX12	Refuge	Interior	0.00031	0.0010	0.000041	0.000084	0.00016	0.000011	0.0079	71	0	NC
Un-ionized ammonia	mg/L	LOX13	Refuge	Interior	0.000081	0.00035	0.0000053	0.000010	0.000024	0.0000014	0.0023	42	0	NC
Un-ionized ammonia	mg/L	LOX14	Refuge	Interior	0.000026	0.00010	0.0000076	0.000012	0.000015	0.0000029	0.00082	60	0	NC
Un-ionized ammonia	mg/L	LOX15	Refuge	Interior	0.00034	0.00077	0.000073	0.00015	0.00026	0.000012	0.0053	65	0	NC
Un-ionized ammonia	mg/L	LOX16	Refuge	Interior	0.000047	0.00018	0.0000080	0.000011	0.000023	0.0000029	0.0014	62	0	NC
Un-ionized ammonia	mg/L	LOX3	Refuge	Interior	0.000048	0.000044	0.000032	0.000036	0.000053	0.0000049	0.00018	12	0	--
Un-ionized ammonia	mg/L	LOX4	Refuge	Interior	0.000030	0.000031	0.000012	0.000016	0.000038	0.0000036	0.00017	41	0	NC
Un-ionized ammonia	mg/L	LOX5	Refuge	Interior	0.000011	0.0000080	0.0000060	0.0000078	0.000014	0.0000049	0.000036	16	0	--
Un-ionized ammonia	mg/L	LOX6	Refuge	Interior	0.00066	0.0040	0.000028	0.000050	0.000077	0.0000034	0.029	55	0	MC
Un-ionized ammonia	mg/L	LOX7	Refuge	Interior	0.000015	0.000013	0.0000080	0.0000097	0.000017	0.00000050	0.000057	54	0	NC
Un-ionized ammonia	mg/L	LOX8	Refuge	Interior	0.000019	0.000023	0.0000057	0.0000087	0.000019	0.00000030	0.00012	60	0	NC
Un-ionized ammonia	mg/L	LOX9	Refuge	Interior	0.000039	0.000039	0.000010	0.000024	0.000045	0.0000039	0.00014	28	0	NC
Un-ionized ammonia	mg/L	X1	Refuge	Interior	0.00060	0.0011	0.00016	0.00029	0.00049	0.000060	0.0085	68	0	NC
Un-ionized ammonia	mg/L	X2	Refuge	Interior	0.00021	0.00015	0.00013	0.00020	0.00029	0.000031	0.00096	69	0	NC
Un-ionized ammonia	mg/L	X3	Refuge	Interior	0.00023	0.00019	0.00011	0.00019	0.00025	0.000011	0.00084	69	0	NC
Un-ionized ammonia	mg/L	X4	Refuge	Interior	0.00030	0.00030	0.000080	0.00023	0.00034	0.0000075	0.0014	72	0	NC
Un-ionized ammonia	mg/L	Y4	Refuge	Interior	0.00017	0.00017	0.000089	0.00012	0.00021	0.000010	0.0011	72	0	NC
Un-ionized ammonia	mg/L	Z1	Refuge	Interior	0.0011	0.0043	0.00017	0.00023	0.00060	0.000084	0.033	68	0	MC
Un-ionized ammonia	mg/L	Z2	Refuge	Interior	0.00023	0.00013	0.00012	0.00020	0.00034	0.000034	0.00054	62	0	NC
Un-ionized ammonia	mg/L	Z3	Refuge	Interior	0.00055	0.0021	0.00019	0.00025	0.00039	0.000069	0.018	76	0	NC
Un-ionized ammonia	mg/L	Z4	Refuge	Interior	0.00031	0.0011	0.00011	0.00016	0.00024	0.000017	0.010	76	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Un-ionized ammonia	mg/L	S6D	Refuge	Rim	0.0039	0.0030	0.0013	0.0028	0.0072	0.00026	0.0085	9	0	--
Un-ionized ammonia	mg/L	X0	Refuge	Rim	0.0015	0.0016	0.00046	0.0011	0.0020	0.000083	0.011	77	0	NC
Un-ionized ammonia	mg/L	Z0	Refuge	Rim	0.0016	0.0020	0.00046	0.0011	0.0019	0.000075	0.013	77	0	NC
Un-ionized ammonia	mg/L	G94B	Refuge	Outflow	0.00075	0.0017	0.000077	0.00028	0.00060	0.000019	0.013	83	0	NC
Un-ionized ammonia	mg/L	S10A	Refuge	Outflow	0.00097	0.0017	0.00028	0.00058	0.00096	0.00014	0.011	45	0	NC
Un-ionized ammonia	mg/L	S10C	Refuge	Outflow	0.0014	0.0022	0.00047	0.00084	0.0012	0.00011	0.013	38	0	NC
Un-ionized ammonia	mg/L	S10D	Refuge	Outflow	0.0014	0.0033	0.00037	0.00056	0.0012	0.000090	0.026	92	0	MC
Un-ionized ammonia	mg/L	S10E	Refuge	Outflow	0.0013	0.0015	0.00038	0.00093	0.0013002	0.000084	0.0077	79	0	NC
Un-ionized ammonia	mg/L	S39	Refuge	Outflow	0.00068	0.00074	0.00025	0.00042	0.00085	0.000060	0.0038	116	0	NC
Un-ionized ammonia	mg/L	E0	WCA-2	Inflow	0.021	0.022	0.0021	0.015	0.034	0.00049	0.11	76	46.1±9.4	C
Un-ionized ammonia	mg/L	F0	WCA-2	Inflow	0.022	0.022	0.0044	0.014	0.039	0.00068	0.10	78	44.9±9.3	C
Un-ionized ammonia	mg/L	G335	WCA-2	Inflow	0.0024	0.0020	0.00090	0.0017	0.0035	0.00031	0.010	152	0	NC
Un-ionized ammonia	mg/L	G339	WCA-2	Inflow	0.0082	0.00	0.0082	0.0082	0.0082	0.0082	0.0082	3	0	--
Un-ionized ammonia	mg/L	S10A	WCA-2	Inflow	0.00097	0.0017	0.00028	0.00058	0.00096	0.00014	0.011	45	0	NC
Un-ionized ammonia	mg/L	S10C	WCA-2	Inflow	0.0014	0.0022	0.00047	0.00084	0.0012	0.00011	0.013	38	0	NC
Un-ionized ammonia	mg/L	S10D	WCA-2	Inflow	0.0014	0.0033	0.00037	0.00056	0.0012	0.000090	0.026	92	0	MC
Un-ionized ammonia	mg/L	S10E	WCA-2	Inflow	0.0013	0.0015	0.00038	0.00093	0.0013002	0.000084	0.0077	79	0	NC
Un-ionized ammonia	mg/L	S38B	WCA-2	Inflow	0.00055	0.00067	0.000088	0.00030	0.00049	0.000049	0.0021	27	0	--
Un-ionized ammonia	mg/L	S7	WCA-2	Inflow	0.0019	0.0014	0.00084	0.0016	0.0027	0.000065	0.0057	106	0	NC
Un-ionized ammonia	mg/L	CA215	WCA-2	Interior	0.00073	0.00051	0.00038	0.00058	0.00090	0.00015	0.0027	93	0	NC
Un-ionized ammonia	mg/L	CA27	WCA-2	Interior	0.00027	0.00021	0.00014	0.00022	0.00028	0.00000060	0.00092	92	0	NC
Un-ionized ammonia	mg/L	CA28	WCA-2	Interior	0.00062	0.00048	0.00029	0.00049	0.00078	0.000096	0.0024	74	0	NC
Un-ionized ammonia	mg/L	CA29	WCA-2	Interior	0.00053	0.00062	0.00028	0.00042	0.00057	0.000049	0.0056	89	0	NC
Un-ionized ammonia	mg/L	E1	WCA-2	Interior	0.00066	0.0012	0.00027	0.00037	0.00069	0.00012	0.0095	58	0	NC
Un-ionized ammonia	mg/L	E2	WCA-2	Interior	0.00036	0.00018	0.00027	0.00034	0.00042	0.00011	0.0011	40	0	NC
Un-ionized ammonia	mg/L	E3	WCA-2	Interior	0.00038	0.00038	0.00024	0.00030	0.00039	0.000079	0.0028	51	0	NC
Un-ionized ammonia	mg/L	E4	WCA-2	Interior	0.00028	0.00012	0.00023	0.00027	0.00033	0.000078	0.00058	53	0	NC
Un-ionized ammonia	mg/L	E5	WCA-2	Interior	0.00075	0.00064	0.00040	0.00063	0.0009603	0.000084	0.0043	57	0	NC
Un-ionized ammonia	mg/L	F1	WCA-2	Interior	0.00098	0.0022	0.00039	0.00058	0.00089	0.000037	0.017	97	0	NC
Un-ionized ammonia	mg/L	F2	WCA-2	Interior	0.00070	0.0014	0.00026	0.00040	0.00057	0.000043	0.013	143	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Un-ionized ammonia	mg/L	F3	WCA-2	Interior	0.0014	0.0052	0.00031	0.00047	0.00063	0.00021	0.041	66	0	MC
Un-ionized ammonia	mg/L	F4	WCA-2	Interior	0.00027	0.00027	0.000070	0.00017	0.00040	0.000026	0.0018	145	0	NC
Un-ionized ammonia	mg/L	F5	WCA-2	Interior	0.00083	0.00091	0.00046	0.00073	0.00095	0.00019	0.0075	63	0	NC
Un-ionized ammonia	mg/L	S144	WCA-2	Interior	0.0025	0.0044	0.00019	0.00042	0.0022	0.00012	0.015	15	0	--
Un-ionized ammonia	mg/L	S145	WCA-2	Interior	0.00085	0.0016	0.00020	0.00032	0.00078	0.000000037	0.012	113	0	NC
Un-ionized ammonia	mg/L	S146	WCA-2	Interior	0.0013	0.0021	0.000057	0.00017	0.0017	0.000026	0.0075	15	0	--
Un-ionized ammonia	mg/L	U1	WCA-2	Interior	0.00067	0.00082	0.00032	0.00049	0.00073	0.00011	0.0060	60	0	NC
Un-ionized ammonia	mg/L	U2	WCA-2	Interior	0.0014	0.0019	0.00066	0.00093	0.0013	0.00013	0.012	55	0	NC
Un-ionized ammonia	mg/L	U3	WCA-2	Interior	0.0014	0.0011	0.00078	0.0010	0.0016	0.00012	0.0061	61	0	NC
Un-ionized ammonia	mg/L	S11A	WCA-2	Outflow	0.00091	0.00084	0.00039	0.00053	0.0012	0.000073	0.0047	107	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-2	Outflow	0.00112	0.0017	0.00039	0.00054	0.0012	0.000098	0.011	49	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-2	Outflow	0.0014	0.0060	0.00028	0.00059	0.0011	0.000065	0.062	104	0	MC
Un-ionized ammonia	mg/L	S34	WCA-2	Outflow	0.0019	0.0032	0.00040	0.00058	0.0018	0.00010	0.016	114	0	NC
Un-ionized ammonia	mg/L	S38	WCA-2	Outflow	0.00087	0.0012	0.00012	0.00029	0.0012	0.000018	0.0057	89	0	NC
Un-ionized ammonia	mg/L	3AE0	WCA-3	Inflow	0.0015	0.0010	0.00084	0.0013	0.0019	0.00016	0.0044	60	0	NC
Un-ionized ammonia	mg/L	3AW0	WCA-3	Inflow	0.0015	0.0012	0.00078	0.0012	0.0019	0.00012	0.0063	61	0	NC
Un-ionized ammonia	mg/L	C123SR84	WCA-3	Inflow	0.00061	0.00054	0.00018	0.00041	0.00084	0.000052	0.0021	104	0	NC
Un-ionized ammonia	mg/L	G123	WCA-3	Inflow	0.0040	0.0042	0.00084	0.0021	0.0055	0.00021	0.023	88	0	MC
Un-ionized ammonia	mg/L	G204	WCA-3	Inflow	0.0022	0.0014	0.00076	0.0022	0.0030	0.00032	0.0046	19	0	--
Un-ionized ammonia	mg/L	G205	WCA-3	Inflow	0.0067	0.0117	0.00082	0.0019	0.0039	0.00024	0.036	26	15.4±11.6	--
Un-ionized ammonia	mg/L	G206	WCA-3	Inflow	0.0027	0.0030	0.00044	0.0022	0.0036	0.000059	0.0085	25	0	--
Un-ionized ammonia	mg/L	L3	WCA-3	Inflow	0.0012	0.00059		0.0012		0.00074	0.0016	2	0	--
Un-ionized ammonia	mg/L	S11A	WCA-3	Inflow	0.00091	0.00084	0.00039	0.00053	0.0012	0.000073	0.0047	107	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-3	Inflow	0.0011	0.0017	0.00039	0.00054	0.0012	0.000098	0.011	49	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-3	Inflow	0.0014	0.0060	0.00028	0.00059	0.0011	0.000065	0.062	104	0	MC
Un-ionized ammonia	mg/L	S140	WCA-3	Inflow	0.0012	0.0012	0.00035	0.00076	0.0014	0.000071	0.0048	119	0	NC
Un-ionized ammonia	mg/L	S142	WCA-3	Inflow	0.0032	0.0049	0.00065	0.0012	0.0034	0.00011	0.027	124	2.4±2.3	MC
Un-ionized ammonia	mg/L	S150	WCA-3	Inflow	0.0021	0.0023	0.00064	0.0016	0.0031	0.000066	0.012	87	0	NC
Un-ionized ammonia	mg/L	S151	WCA-3	Inflow	0.0023	0.0019	0.0011	0.0018	0.0028	0.000068	0.012	109	0	NC
Un-ionized ammonia	mg/L	S190	WCA-3	Inflow	0.00055	0.00048	0.00023	0.00043	0.00070	0.000058	0.0024	106	0	NC

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Un-ionized ammonia	mg/L	S8	WCA-3	Inflow	0.0018	0.0013	0.00093	0.0016	0.0024	0.00014	0.010	133	0	NC
Un-ionized ammonia	mg/L	S9	WCA-3	Inflow	0.0042	0.0020	0.0029	0.0037	0.0051	0.00057	0.012	114	0	NC
Un-ionized ammonia	mg/L	3AE05	WCA-3	Interior	0.00023	0.00014	0.00012	0.00018	0.00031	0.000045	0.00057	26	0	--
Un-ionized ammonia	mg/L	3AE10	WCA-3	Interior	0.00027	0.00019	0.00012	0.00023	0.00037	0.000075	0.00094	41	0	NC
Un-ionized ammonia	mg/L	3AE15	WCA-3	Interior	0.00040	0.00056	0.00021	0.00030	0.00039	0.00012	0.0040	47	0	NC
Un-ionized ammonia	mg/L	3AE20	WCA-3	Interior	0.00038	0.00035	0.00020	0.00027	0.00042	0.000045	0.0022	54	0	NC
Un-ionized ammonia	mg/L	3AE40	WCA-3	Interior	0.00071	0.00064	0.00039	0.00050	0.00087	0.00022	0.0040	54	0	NC
Un-ionized ammonia	mg/L	3ANMESO	WCA-3	Interior	0.00055	0.0012	0.00017	0.00027	0.00042	0.000034	0.0085	63	0	NC
Un-ionized ammonia	mg/L	3ASMESO	WCA-3	Interior	0.00056	0.0012	0.00021	0.00029	0.00043	0.000054	0.0092	61	0	NC
Un-ionized ammonia	mg/L	3AW05	WCA-3	Interior	0.00026	0.00025	0.00011	0.00016	0.00030	0.000066	0.00097	30	0	NC
Un-ionized ammonia	mg/L	3AW10	WCA-3	Interior	0.00030	0.00033	0.00012	0.00020	0.00030	0.000079	0.0014	47	0	NC
Un-ionized ammonia	mg/L	3AW15	WCA-3	Interior	0.00032	0.00042	0.00017	0.00020	0.00036	0.000089	0.0030	48	0	NC
Un-ionized ammonia	mg/L	3AW20	WCA-3	Interior	0.00032	0.00042	0.00019	0.00024	0.00034	0.000063	0.0031	49	0	NC
Un-ionized ammonia	mg/L	3AW40	WCA-3	Interior	0.00062	0.00079	0.00025	0.00043	0.00069	0.000074	0.0059	56	0	NC
Un-ionized ammonia	mg/L	CA311	WCA-3	Interior	0.00016	0.00023	0.000060	0.00010	0.00015	0.000030	0.0017	98	0	NC
Un-ionized ammonia	mg/L	CA315	WCA-3	Interior	0.00023	0.00030	0.000058	0.00014	0.00027	0.000019	0.0027	116	0	NC
Un-ionized ammonia	mg/L	CA316	WCA-3	Interior	0.00021	0.00021	0.000080	0.00017	0.00024	0.0000099	0.0016	113	0	NC
Un-ionized ammonia	mg/L	CA317	WCA-3	Interior	0.00044	0.00050	0.00012	0.00025	0.00048	0.0000011	0.0030	140	0	NC
Un-ionized ammonia	mg/L	CA318	WCA-3	Interior	0.00028	0.00034	0.000069	0.00016	0.00031	0.000014	0.0016	128	0	NC
Un-ionized ammonia	mg/L	CA32	WCA-3	Interior	0.00017	0.00017	0.000074	0.000097	0.00021	0.000025	0.00096	59	0	NC
Un-ionized ammonia	mg/L	CA33	WCA-3	Interior	0.00015	0.00013	0.000061	0.00010	0.00017	0.000031	0.00075	70	0	NC
Un-ionized ammonia	mg/L	CA34	WCA-3	Interior	0.00012	0.000078	0.000058	0.000097	0.00018	0.000031	0.00041	76	0	NC
Un-ionized ammonia	mg/L	CA35	WCA-3	Interior	0.00026	0.00014	0.00015	0.00021	0.00038	0.000091	0.00058	47	0	NC
Un-ionized ammonia	mg/L	CA36	WCA-3	Interior	0.00023	0.00019	0.00014	0.00022	0.00025	0.000075	0.0012	36	0	NC
Un-ionized ammonia	mg/L	CA38	WCA-3	Interior	0.00019	0.00019	0.000071	0.00015	0.00023	0.000043	0.00089	72	0	NC
Un-ionized ammonia	mg/L	S12A	WCA-3	Outflow	0.00057	0.0011	0.00014	0.00028	0.00045	0.000030	0.0079	107	0	NC
Un-ionized ammonia	mg/L	S12B	WCA-3	Outflow	0.00056	0.00098	0.00016	0.00025	0.00049	0.000042	0.0081	109	0	NC
Un-ionized ammonia	mg/L	S12C	WCA-3	Outflow	0.00059	0.00084	0.00020	0.00034	0.00056	0.000040	0.0062	111	0	NC
Un-ionized ammonia	mg/L	S12D	WCA-3	Outflow	0.00064	0.00056	0.00021	0.00052	0.00089	0.000024	0.0031	162	0	NC
Un-ionized ammonia	mg/L	S197	WCA-3	Outflow	0.00108	0.00067	0.00059	0.00083	0.0019	0.00020	0.0020	9	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Un-ionized ammonia	mg/L	S31	WCA-3	Outflow	0.0021	0.0011	0.0013	0.0020	0.0025	0.00032	0.0049	46	0	NC
Un-ionized ammonia	mg/L	S333	WCA-3	Outflow	0.00075	0.00070	0.00027	0.00052	0.00093	0.000036	0.0036	155	0	NC
Un-ionized ammonia	mg/L	S334	WCA-3	Outflow	0.0027	0.0028	0.00068	0.0016	0.0038	0.000059	0.012	107	0	NC
Un-ionized ammonia	mg/L	S344	WCA-3	Outflow	0.00039	0.00040	0.00017	0.00027	0.00047	0.00011	0.0020	25	0	--
Un-ionized ammonia	mg/L	S355A	WCA-3	Outflow	0.0020	0.0052	0.00014	0.00025	0.00093	0.000041	0.034	78	2.6±2.9	MC
Un-ionized ammonia	mg/L	S355B	WCA-3	Outflow	0.0019	0.0032	0.00012	0.00037	0.0027	0.000026	0.022	77	0	MC
Un-ionized ammonia	mg/L	US41-25	WCA-3	Outflow	0.00078	0.00081	0.00033	0.00049	0.00091	0.000038	0.0038	132	0	NC
Un-ionized ammonia	mg/L	S12A	Park	Inflow	0.00057	0.0011	0.00014	0.00028	0.00045	0.000030	0.0079	107	0	NC
Un-ionized ammonia	mg/L	S12B	Park	Inflow	0.00056	0.00098	0.00016	0.00025	0.00049	0.000042	0.0081	109	0	NC
Un-ionized ammonia	mg/L	S12C	Park	Inflow	0.00059	0.00084	0.00020	0.00034	0.00056	0.000040	0.0062	111	0	NC
Un-ionized ammonia	mg/L	S12D	Park	Inflow	0.00064	0.00056	0.00021	0.00052	0.00089	0.000024	0.0031	162	0	NC
Un-ionized ammonia	mg/L	S175	Park	Inflow	0.0021	0.0014	0.00087	0.0016	0.0031	0.00039	0.0063	88	0	NC
Un-ionized ammonia	mg/L	S18C	Park	Inflow	0.00078	0.00056	0.00047	0.00068	0.00093	0.000074	0.0031	126	0	NC
Un-ionized ammonia	mg/L	S332	Park	Inflow	0.0019	0.0016	0.00074	0.0014	0.0028	0.00018	0.0075	88	0	NC
Un-ionized ammonia	mg/L	S332D	Park	Inflow	0.0027	0.0015	0.0018	0.0023	0.0031	0.00071	0.0076	136	0	NC
Un-ionized ammonia	mg/L	S333	Park	Inflow	0.00075	0.00070	0.00027	0.00052	0.00093	0.000036	0.0036	155	0	NC
Un-ionized ammonia	mg/L	S355A	Park	Inflow	0.0020	0.0052	0.00014	0.00025	0.00093	0.000041	0.034	78	2.6±2.9	MC
Un-ionized ammonia	mg/L	S355B	Park	Inflow	0.0019	0.0032	0.00012	0.00037	0.0027	0.000026	0.022	77	0	MC
Un-ionized ammonia	mg/L	T0E	Park	Inflow	0.0033	0.0024	0.0012	0.0033	0.0050	0.00069	0.0087	11	0	--
Un-ionized ammonia	mg/L	T0W	Park	Inflow	0.0036	0.0020	0.0024	0.0032	0.0045	0.00087	0.0080	9	0	--
Un-ionized ammonia	mg/L	EP	Park	Interior	0.0021	0.0026	0.00076	0.0014	0.0021	0.00023	0.011	43	0	NC
Un-ionized ammonia	mg/L	NE1	Park	Interior	0.0012	0.0032	0.00029	0.00048	0.00085	0.000012	0.028	80	0	MC
Un-ionized ammonia	mg/L	NP201	Park	Interior	0.0012	0.0018	0.00059	0.00079	0.00103	0.000058	0.012	74	0	NC
Un-ionized ammonia	mg/L	P33	Park	Interior	0.0018	0.0038	0.00042	0.00066	0.0014	0.00025	0.023	77	0	MC
Un-ionized ammonia	mg/L	P34	Park	Interior	0.00083	0.0010	0.00038	0.00057	0.00096	0.00020	0.0075	52	0	NC
Un-ionized ammonia	mg/L	P35	Park	Interior	0.00052	0.00049	0.00025	0.00043	0.00059	0.000054	0.0030	50	0	NC
Un-ionized ammonia	mg/L	P36	Park	Interior	0.0015	0.0015	0.00060	0.00086	0.0018	0.00034	0.0078	73	0	NC
Un-ionized ammonia	mg/L	P37	Park	Interior	0.0025	0.0023	0.0010	0.0016	0.0030	0.00024	0.0097	51	0	NC
Un-ionized ammonia	mg/L	T05E	Park	Interior	0.00074	0.00046	0.00030	0.00064	0.0013	0.00026	0.0014	7	0	--
Un-ionized ammonia	mg/L	T05W	Park	Interior	0.00054	0.00039	0.00032	0.00034	0.00085	0.00030	0.0012	5	0	--

Parameter	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Un-ionized ammonia	mg/L	T10E	Park	Interior	0.00037	0.00016	0.00021	0.00037	0.00052	0.00019	0.00055	4	0	--
Un-ionized ammonia	mg/L	T10W	Park	Interior	0.00039	0.00011	0.00030	0.00041	0.00047	0.00021	0.00052	5	0	--
Un-ionized ammonia	mg/L	T15E	Park	Interior	0.00041	0.00022	0.00022	0.00032	0.00064	0.00020	0.00066	5	0	--
Un-ionized ammonia	mg/L	T15W	Park	Interior	0.00060	0.00023	0.00043	0.00049	0.00082	0.00038	0.00098	5	0	--
Un-ionized ammonia	mg/L	T23	Park	Interior	0.00059	0.00021	0.00048	0.00051	0.00074	0.00047	0.00096	5	0	--
Un-ionized ammonia	mg/L	T24	Park	Interior	0.00051	0.00018	0.00037	0.00046	0.00069	0.00033	0.00080	5	0	--
Un-ionized ammonia	mg/L	T33	Park	Interior	0.00104	0.0024	0.000088	0.00023	0.00033	0.000014	0.0070	8	0	--
Un-ionized ammonia	mg/L	T34	Park	Interior	0.00033	0.00026	0.00010	0.00025	0.00060	0.000079	0.00070	5	0	--
Un-ionized ammonia	mg/L	TNMESO	Park	Interior	0.00049	0.00029	0.00025	0.00037	0.00079	0.00018	0.00091	8	0	--
Un-ionized ammonia	mg/L	TSB	Park	Interior	0.00038	0.00052	0.00013	0.00019	0.00035	0.000052	0.0030	62	0	NC
Un-ionized ammonia	mg/L	TSMESO	Park	Interior	0.0032	0.0027	0.0014	0.0022	0.0048	0.0013	0.0083	6	0	--