

Appendix 2A-2: Summary of Water Year 2000 through Water Year 2004 Water Quality Monitoring Results at Individual Monitoring Stations

Florida Department of Environmental Protection

Table 1. Summary of Water Year 2000 through Water Year 2004 (WY2000–WY2004) water quality monitoring data and excursions from applicable criteria at individual monitoring stations in the Everglades Protection Area. 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” since no numeric criteria 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 and was noted as “--”.

Variable	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	188	42	169	190	214	62	306	69	0	NC
Alkalinity	mg/L	G251	Refuge	Inflow	243	44	212	246	281	134	341	131	0	NC
Alkalinity	mg/L	G310	Refuge	Inflow	245	45	216	248	277	136	317	99	0	NC
Alkalinity	mg/L	G94D	Refuge	Inflow	179	35	163	180	197	67	309	70	0	NC
Alkalinity	mg/L	S5A	Refuge	Inflow	210	88	125	190	301	105	351	28	0	NC
Alkalinity	mg/L	S5AS	Refuge	Inflow	177	61	129	140	235	113	278	9	0	--
Alkalinity	mg/L	S6	Refuge	Inflow	286	99	161	328	362	119	424	27	0	--
Alkalinity	mg/L	S5AD	Refuge	Rim	227	87	146	240	308	109	364	35	0	NC
Alkalinity	mg/L	S6D	Refuge	Rim	249	64	189	250	293	144	376	31	0	NC
Alkalinity	mg/L	X0	Refuge	Rim	232	44	195	224	272	151	312	62	0	NC
Alkalinity	mg/L	Z0	Refuge	Rim	234	52	194	223	279	146	387	59	0	NC
Alkalinity	mg/L	LOX10	Refuge	Interior	105	55	61	82	129	48	249	27	0	--
Alkalinity	mg/L	LOX11	Refuge	Interior	11	4	9	11	12	5	26	41	95.1±5.5	C
Alkalinity	mg/L	LOX12	Refuge	Interior	89	54	50	64	122	27	233	54	0	NC
Alkalinity	mg/L	LOX13	Refuge	Interior	12	3	11	12	13	6	20	36	97.2±4.5	C
Alkalinity	mg/L	LOX14	Refuge	Interior	41	32	21	26	49	14	155	46	13.0±8.2	PC
Alkalinity	mg/L	LOX15	Refuge	Interior	126	59	77	134	177	36	241	53	0	NC
Alkalinity	mg/L	LOX16	Refuge	Interior	33	18	21	29	39	13	109	48	18.8±9.3	C
Alkalinity	mg/L	LOX3	Refuge	Interior	12	3	9	10	14	9	18	10	100	--
Alkalinity	mg/L	LOX4	Refuge	Interior	132	64	72	127	183	43	261	29	0	NC
Alkalinity	mg/L	LOX5	Refuge	Interior	11	3	8	11	14	7	14	15	100	--
Alkalinity	mg/L	LOX6	Refuge	Interior	83	51	51	69	99	27	234	43	0	NC
Alkalinity	mg/L	LOX7	Refuge	Interior	16	7	11	14	19	9	36	38	78.9±10.9	C

Variable	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	LOX8	Refuge	Interior	11	3	8	10	13	6	21	41	97.6±4.0	C
Alkalinity	mg/L	LOX9	Refuge	Interior	27	19	18	23	29	8	94	26	30.8±14.9	--
Alkalinity	mg/L	X1	Refuge	Interior	235	48	205	237	270	113	359	54	0	NC
Alkalinity	mg/L	X2	Refuge	Interior	201	48	169	202	238	88	282	53	0	NC
Alkalinity	mg/L	X3	Refuge	Interior	172	54	135	170	216	61	263	52	0	NC
Alkalinity	mg/L	X4	Refuge	Interior	97	39	71	90	125	40	215	54	0	NC
Alkalinity	mg/L	Y4	Refuge	Interior	115	48	72	118	151	45	243	54	0	NC
Alkalinity	mg/L	Z1	Refuge	Interior	239	49	208	248	271	116	345	55	0	NC
Alkalinity	mg/L	Z2	Refuge	Interior	210	49	188	208	241	77	310	51	0	NC
Alkalinity	mg/L	Z3	Refuge	Interior	149	52	109	144	200	57	266	58	0	NC
Alkalinity	mg/L	Z4	Refuge	Interior	84	45	53	64	124	30	200	58	0	NC
Alkalinity	mg/L	G94B	Refuge	Outflow	158	57	119	156	187	46	307	60	0	NC
Alkalinity	mg/L	S10A	Refuge	Outflow	162	45	133	156	184	83	304	29	0	NC
Alkalinity	mg/L	S10C	Refuge	Outflow	200	63	160	179	246	86	340	27	0	--
Alkalinity	mg/L	S10D	Refuge	Outflow	229	59	188	223	271	102	381	64	0	NC
Alkalinity	mg/L	S10E	Refuge	Outflow	242	58	200	224	288	130	419	60	0	NC
Alkalinity	mg/L	S39	Refuge	Outflow	170	58	132	167	187	64	378	85	0	NC
Alkalinity	mg/L	E0	WCA-2	Inflow	275	58	225	280	315	162	387	59	0	NC
Alkalinity	mg/L	F0	WCA-2	Inflow	288	52	248	285	322	166	384	59	0	NC
Alkalinity	mg/L	G335	WCA-2	Inflow	296	41	272	308	326	186	364	74	0	NC
Alkalinity	mg/L	G339	WCA-2	Inflow	295	0		295		295	295	1	0	--
Alkalinity	mg/L	S10A	WCA-2	Inflow	162	45	133	156	184	83	304	29	0	NC
Alkalinity	mg/L	S10C	WCA-2	Inflow	200	63	160	179	246	86	340	27	0	--
Alkalinity	mg/L	S10D	WCA-2	Inflow	229	59	188	223	271	102	381	64	0	NC
Alkalinity	mg/L	S10E	WCA-2	Inflow	242	58	200	224	288	130	419	60	0	NC
Alkalinity	mg/L	S38B	WCA-2	Inflow	202	49	162	192	255	132	271	22	0	--
Alkalinity	mg/L	S7	WCA-2	Inflow	265	74	206	283	330	114	398	80	0	NC
Alkalinity	mg/L	CA215	WCA-2	Interior	211	41	183	206	246	142	310	85	0	NC
Alkalinity	mg/L	CA27	WCA-2	Interior	223	72	195	244	275	40	314	70	0	NC
Alkalinity	mg/L	CA28	WCA-2	Interior	302	48	267	300	328	159	414	58	0	NC

Variable	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	CA29	WCA-2	Interior	203	48	175	215	240	71	290	75	0	NC
Alkalinity	mg/L	E1	WCA-2	Interior	247	52	222	247	283	145	400	44	0	NC
Alkalinity	mg/L	E2	WCA-2	Interior	223	40	197	225	251	130	315	38	0	NC
Alkalinity	mg/L	E3	WCA-2	Interior	220	38	191	224	254	129	300	40	0	NC
Alkalinity	mg/L	E4	WCA-2	Interior	198	39	167	202	225	122	289	44	0	NC
Alkalinity	mg/L	E5	WCA-2	Interior	195	36	169	193	224	128	267	46	0	NC
Alkalinity	mg/L	F1	WCA-2	Interior	285	56	250	281	316	175	462	97	0	NC
Alkalinity	mg/L	F2	WCA-2	Interior	268	58	227	261	301	129	450	125	0	NC
Alkalinity	mg/L	F3	WCA-2	Interior	254	62	209	237	296	136	449	50	0	NC
Alkalinity	mg/L	F4	WCA-2	Interior	232	50	196	220	267	143	355	121	0	NC
Alkalinity	mg/L	F5	WCA-2	Interior	220	50	181	216	265	78	314	51	0	NC
Alkalinity	mg/L	S144	WCA-2	Interior	185	46	154	197	219	86	247	34	0	NC
Alkalinity	mg/L	S145	WCA-2	Interior	177	42	150	176	200	70	274	82	0	NC
Alkalinity	mg/L	S146	WCA-2	Interior	168	51	129	179	209	71	248	33	0	NC
Alkalinity	mg/L	U1	WCA-2	Interior	177	34	151	175	201	112	244	49	0	NC
Alkalinity	mg/L	U2	WCA-2	Interior	198	37	175	201	225	115	269	46	0	NC
Alkalinity	mg/L	U3	WCA-2	Interior	204	41	171	207	237	119	279	50	0	NC
Alkalinity	mg/L	S11A	WCA-2	Outflow	198	49	160	187	231	124	333	76	0	NC
Alkalinity	mg/L	S11B	WCA-2	Outflow	191	44	160	183	223	125	329	37	0	NC
Alkalinity	mg/L	S11C	WCA-2	Outflow	229	49	185	226	254	142	344	73	0	NC
Alkalinity	mg/L	S34	WCA-2	Outflow	212	34	194	214	229	130	326	81	0	NC
Alkalinity	mg/L	S38	WCA-2	Outflow	171	42	138	165	199	84	286	77	0	NC
Alkalinity	mg/L	3AE0	WCA-3	Inflow	200	36	176	208	229	122	268	37	0	NC
Alkalinity	mg/L	3AW0	WCA-3	Inflow	201	37	175	209	230	126	270	37	0	NC
Alkalinity	mg/L	C123SR84	WCA-3	Inflow	202	33	181	201	220	125	347	76	0	NC
Alkalinity	mg/L	G123	WCA-3	Inflow	231	38	207	227	260	141	334	63	0	NC
Alkalinity	mg/L	L3	WCA-3	Inflow	162	35	140	160	192	99	217	20	0	--
Alkalinity	mg/L	S11A	WCA-3	Inflow	198	49	160	187	231	124	333	76	0	NC
Alkalinity	mg/L	S11B	WCA-3	Inflow	191	44	160	183	223	125	329	37	0	NC
Alkalinity	mg/L	S11C	WCA-3	Inflow	229	49	185	226	254	142	344	73	0	NC

Variable	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	S140	WCA-3	Inflow	182	33	155	187	211	87	239	87	0	NC
Alkalinity	mg/L	S142	WCA-3	Inflow	232	42	208	228	256	121	357	91	0	NC
Alkalinity	mg/L	S150	WCA-3	Inflow	247	63	195	256	291	129	375	62	0	NC
Alkalinity	mg/L	S151	WCA-3	Inflow	217	36	197	214	241	140	305	79	0	NC
Alkalinity	mg/L	S190	WCA-3	Inflow	217	41	193	227	248	107	277	79	0	NC
Alkalinity	mg/L	S8	WCA-3	Inflow	228	45	204	234	260	106	312	78	0	NC
Alkalinity	mg/L	S9	WCA-3	Inflow	248	21	233	248	263	176	294	85	0	NC
Alkalinity	mg/L	3AE05	WCA-3	Interior	199	35	171	203	226	134	254	23	0	--
Alkalinity	mg/L	3AE10	WCA-3	Interior	196	30	170	200	222	149	248	26	0	--
Alkalinity	mg/L	3AE15	WCA-3	Interior	189	30	164	192	214	135	247	30	0	NC
Alkalinity	mg/L	3AE20	WCA-3	Interior	189	31	163	185	216	114	241	34	0	NC
Alkalinity	mg/L	3AE40	WCA-3	Interior	172	29	148	171	190	118	249	32	0	NC
Alkalinity	mg/L	3ANMESO	WCA-3	Interior	157	24	141	156	172	95	225	38	0	NC
Alkalinity	mg/L	3ASMESO	WCA-3	Interior	140	23	127	142	153	76	191	38	0	NC
Alkalinity	mg/L	3AW05	WCA-3	Interior	203	35	176	208	234	135	254	21	0	--
Alkalinity	mg/L	3AW10	WCA-3	Interior	201	32	178	207	228	142	249	29	0	NC
Alkalinity	mg/L	3AW15	WCA-3	Interior	187	37	165	195	214	105	246	30	0	NC
Alkalinity	mg/L	3AW20	WCA-3	Interior	178	30	152	176	206	124	233	32	0	NC
Alkalinity	mg/L	3AW30	WCA-3	Interior	162	9		162		155	168	2	0	--
Alkalinity	mg/L	3AW40	WCA-3	Interior	156	26	132	154	183	94	191	34	0	NC
Alkalinity	mg/L	CA311	WCA-3	Interior	136	28	116	133	159	71	216	83	0	NC
Alkalinity	mg/L	CA315	WCA-3	Interior	113	21	97	114	127	67	199	95	0	NC
Alkalinity	mg/L	CA316	WCA-3	Interior	195	35	163	200	223	128	273	75	0	NC
Alkalinity	mg/L	CA317	WCA-3	Interior	172	20	159	169	183	123	267	99	0	NC
Alkalinity	mg/L	CA318	WCA-3	Interior	189	19	176	190	203	134	222	87	0	NC
Alkalinity	mg/L	CA32	WCA-3	Interior	145	45	112	137	182	72	258	56	0	NC
Alkalinity	mg/L	CA33	WCA-3	Interior	205	44	173	203	231	129	320	65	0	NC
Alkalinity	mg/L	CA34	WCA-3	Interior	186	32	157	184	211	135	248	66	0	NC
Alkalinity	mg/L	CA35	WCA-3	Interior	171	33	150	171	182	112	258	41	0	NC
Alkalinity	mg/L	CA36	WCA-3	Interior	238	27	220	238	252	171	305	37	0	NC

Variable	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	CA38	WCA-3	Interior	138	28	123	137	154	3	184	67	1.5±2.4	MC
Alkalinity	mg/L	S12A	WCA-3	Outflow	116	25	98	114	126	72	192	77	0	NC
Alkalinity	mg/L	S12B	WCA-3	Outflow	122	27	106	117	133	70	213	82	0	NC
Alkalinity	mg/L	S12C	WCA-3	Outflow	138	30	116	134	159	64	203	87	0	NC
Alkalinity	mg/L	S12D	WCA-3	Outflow	164	34	132	172	191	101	236	119	0	NC
Alkalinity	mg/L	S197	WCA-3	Outflow	188	11	183	190	196	158	201	18	0	--
Alkalinity	mg/L	S31	WCA-3	Outflow	225	29	205	224	245	153	288	42	0	NC
Alkalinity	mg/L	S333	WCA-3	Outflow	173	27	152	174	190	101	242	102	0	NC
Alkalinity	mg/L	S334	WCA-3	Outflow	184	23	170	183	202	126	228	72	0	NC
Alkalinity	mg/L	S344	WCA-3	Outflow	112	32	91	112	143	53	165	19	0	--
Alkalinity	mg/L	S355A	WCA-3	Outflow	126	31	97	122	154	75	185	49	0	NC
Alkalinity	mg/L	S355B	WCA-3	Outflow	146	30	118	150	167	93	204	49	0	NC
Alkalinity	mg/L	US41-25	WCA-3	Outflow	154	42	114	158	188	77	258	98	0	NC
Alkalinity	mg/L	S12A	Park	Inflow	116	25	98	114	126	72	192	77	0	NC
Alkalinity	mg/L	S12B	Park	Inflow	122	27	106	117	133	70	213	82	0	NC
Alkalinity	mg/L	S12C	Park	Inflow	138	30	116	134	159	64	203	87	0	NC
Alkalinity	mg/L	S12D	Park	Inflow	164	34	132	172	191	101	236	119	0	NC
Alkalinity	mg/L	S175	Park	Inflow	201	13	193	199	209	171	239	65	0	NC
Alkalinity	mg/L	S18C	Park	Inflow	200	10	195	201	204	174	246	100	0	NC
Alkalinity	mg/L	S332	Park	Inflow	201	13	192	200	208	172	245	74	0	NC
Alkalinity	mg/L	S332D	Park	Inflow	211	17	203	209	214	185	282	77	0	NC
Alkalinity	mg/L	S333	Park	Inflow	173	27	152	174	190	101	242	102	0	NC
Alkalinity	mg/L	S355A	Park	Inflow	126	31	97	122	154	75	185	49	0	NC
Alkalinity	mg/L	S355B	Park	Inflow	146	30	118	150	167	93	204	49	0	NC
Alkalinity	mg/L	T0E	Park	Inflow	205	10	199	205	214	182	216	13	0	--
Alkalinity	mg/L	T0W	Park	Inflow	204	15	198	204	215	168	228	14	0	--
Alkalinity	mg/L	EP	Park	Interior	169	13	157	172	179	138	189	41	0	NC
Alkalinity	mg/L	NE1	Park	Interior	164	39	142	162	185	56	240	57	0	NC
Alkalinity	mg/L	NP201	Park	Interior	157	26	135	156	177	104	214	54	0	NC
Alkalinity	mg/L	P33	Park	Interior	172	30	150	171	195	105	264	57	0	NC

Variable	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	P34	Park	Interior	126	33	104	116	139	83	226	43	0	NC
Alkalinity	mg/L	P35	Park	Interior	148	26	133	147	157	102	210	40	0	NC
Alkalinity	mg/L	P36	Park	Interior	159	25	137	155	186	120	205	56	0	NC
Alkalinity	mg/L	P37	Park	Interior	122	41	95	109	142	76	255	41	0	NC
Alkalinity	mg/L	T05E	Park	Interior	201	38	191	211	218	101	254	11	0	--
Alkalinity	mg/L	T05W	Park	Interior	189	38	185	199	214	101	214	8	0	--
Alkalinity	mg/L	T10E	Park	Interior	184	31	181	198	201	117	206	7	0	--
Alkalinity	mg/L	T10W	Park	Interior	195	35	187	200	209	113	254	10	0	--
Alkalinity	mg/L	T15E	Park	Interior	177	39	146	185	212	107	217	8	0	--
Alkalinity	mg/L	T15W	Park	Interior	166	29	155	174	189	105	194	8	0	--
Alkalinity	mg/L	T23	Park	Interior	143	31	129	142	173	85	181	8	0	--
Alkalinity	mg/L	T24	Park	Interior	134	30	118	124	164	88	179	8	0	--
Alkalinity	mg/L	T33	Park	Interior	153	36	118	155	181	107	218	13	0	--
Alkalinity	mg/L	T34	Park	Interior	134	27	113	123	160	95	169	9	0	--
Alkalinity	mg/L	TNMESO	Park	Interior	139	22	123	140	152	97	179	13	0	--
Alkalinity	mg/L	TSB	Park	Interior	169	32	143	166	197	101	237	46	0	NC
Alkalinity	mg/L	TSMESO	Park	Interior	93	28	72	83	113	66	154	12	0	--
Annual Average DO	mg/L	ACME1DS	Refuge	Inflow	5.44	0.61	4.96	5.40	5.94	4.56	6.28	5	0	--
Dissolved Oxygen	mg/L	ACME1DS	Refuge	Inflow	5.39	1.91	4.39	5.42	6.38	0.81	12.01	69	--	--
Annual Average DO	mg/L	G251	Refuge	Inflow	2.51	0.64	1.92	2.56	3.07	1.70	3.41	5	80.0±29.4	--
Dissolved Oxygen	mg/L	G251	Refuge	Inflow	2.62	1.63	1.40	2.45	3.74	0.08	7.31	297	--	--
Annual Average DO	mg/L	G300	Refuge	Inflow	3.82	--	--	3.82	--	3.82	3.82	1	0	--
Dissolved Oxygen	mg/L	G300	Refuge	Inflow	3.13	1.56	1.96	2.48	4.48	1.40	6.41	16	--	--
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	2.71	1.97	1.25	1.80	4.56	1.09	6.51	10	--	--
Annual Average DO	mg/L	G310	Refuge	Inflow	3.53	0.38	3.15	3.56	3.88	3.08	3.92	4	0	--
Dissolved Oxygen	mg/L	G310	Refuge	Inflow	3.55	1.90	2.05	3.40	4.78	0.05	9.50	205	--	--
Annual Average DO	mg/L	G94D	Refuge	Inflow	4.95	0.84	4.16	4.99	5.73	4.13	6.16	5	0	--
Dissolved Oxygen	mg/L	G94D	Refuge	Inflow	4.91	2.02	3.42	4.89	6.34	1.17	10.20	70	--	--
Annual Average DO	mg/L	S5A	Refuge	Inflow	4.49	0.33	--	4.49	--	4.25	4.72	2	0	--

Variable	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	S5A	Refuge	Inflow	4.31	2.46	1.95	4.79	6.21	0.16	10.00	68	--	--
Annual Average DO	mg/L	S5AS	Refuge	Inflow	5.06	--	--	5.06	--	5.06	5.06	1	0	--
Dissolved Oxygen	mg/L	S5AS	Refuge	Inflow	4.97	2.96	2.16	4.81	7.68	0.54	8.66	9	--	--
Annual Average DO	mg/L	S6	Refuge	Inflow	4.38	1.22	--	4.38	--	3.51	5.24	2	0	--
Dissolved Oxygen	mg/L	S6	Refuge	Inflow	4.51	2.41	2.51	3.97	6.19	1.29	13.10	99	--	--
Annual Average DO	mg/L	S5AD	Refuge	Rim	4.66	0.59	3.99	4.87	5.12	3.99	5.12	3	0	--
Dissolved Oxygen	mg/L	S5AD	Refuge	Rim	4.65	2.31	2.40	4.26	6.78	1.20	8.46	35	--	--
Annual Average DO	mg/L	S6D	Refuge	Rim	3.91	0.52	3.35	4.01	4.38	3.35	4.38	3	0	--
Dissolved Oxygen	mg/L	S6D	Refuge	Rim	3.97	1.85	2.70	4.15	5.36	0.32	6.98	31	--	--
Annual Average DO	mg/L	X0	Refuge	Rim	3.80	0.32	3.51	3.83	4.09	3.31	4.12	5	0	--
Dissolved Oxygen	mg/L	X0	Refuge	Rim	3.75	1.54	2.55	3.67	5.17	0.86	6.41	60	--	--
Annual Average DO	mg/L	Z0	Refuge	Rim	3.99	0.48	3.57	3.91	4.46	3.41	4.66	5	0	--
Dissolved Oxygen	mg/L	Z0	Refuge	Rim	3.91	1.65	2.55	3.79	5.14	0.73	8.29	60	--	--
Annual Average DO	mg/L	LOX10	Refuge	Interior	4.09	0.51	3.66	3.95	4.59	3.38	4.60	5	0	--
Dissolved Oxygen	mg/L	LOX10	Refuge	Interior	4.06	1.57	3.00	3.57	5.16	1.89	8.28	39	--	--
Annual Average DO	mg/L	LOX11	Refuge	Interior	3.16	0.26	2.93	3.15	3.41	2.80	3.48	5	0	--
Dissolved Oxygen	mg/L	LOX11	Refuge	Interior	3.16	2.00	1.67	2.77	4.22	0.27	8.73	57	--	--
Annual Average DO	mg/L	LOX12	Refuge	Interior	3.65	0.87	2.84	3.83	4.38	2.30	4.52	5	20.0±29.4	--
Dissolved Oxygen	mg/L	LOX12	Refuge	Interior	3.58	1.75	2.09	3.54	4.79	0.44	8.37	62	--	--
Annual Average DO	mg/L	LOX13	Refuge	Interior	3.73	0.90	2.93	3.58	4.62	2.54	4.76	5	20.0±29.4	--
Dissolved Oxygen	mg/L	LOX13	Refuge	Interior	3.72	2.14	2.06	3.53	5.42	0.26	8.89	50	--	--
Annual Average DO	mg/L	LOX14	Refuge	Interior	2.77	0.43	2.43	2.74	3.12	2.12	3.31	5	20.0±29.4	--
Dissolved Oxygen	mg/L	LOX14	Refuge	Interior	2.73	1.67	1.43	2.28	3.95	0.50	6.47	59	--	--
Annual Average DO	mg/L	LOX15	Refuge	Interior	3.61	0.49	3.22	3.81	3.90	2.75	3.99	5	0	--
Dissolved Oxygen	mg/L	LOX15	Refuge	Interior	3.57	1.49	2.50	3.24	4.81	0.70	8.38	60	--	--
Annual Average DO	mg/L	LOX16	Refuge	Interior	2.01	0.39	1.68	2.14	2.28	1.37	2.38	5	80.0±29.4	--
Dissolved Oxygen	mg/L	LOX16	Refuge	Interior	1.99	1.19	1.05	1.70	2.81	0.25	5.39	57	--	--
Annual Average DO	mg/L	LOX3	Refuge	Interior	4.92	1.05	4.09	5.05	5.69	3.16	5.95	5	0	--
Dissolved Oxygen	mg/L	LOX3	Refuge	Interior	4.72	2.08	2.89	4.34	6.72	1.45	8.63	30	--	--
Annual Average DO	mg/L	LOX4	Refuge	Interior	3.10	0.27	2.88	3.00	3.38	2.83	3.48	5	20.0±29.4	--

Variable	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	LOX4	Refuge	Interior	3.11	1.48	1.91	3.08	3.90	0.33	7.83	42	--	--
Annual Average DO	mg/L	LOX5	Refuge	Interior	4.34	0.96	3.45	4.59	5.12	2.94	5.53	5	0	--
Dissolved Oxygen	mg/L	LOX5	Refuge	Interior	4.28	2.19	2.81	3.78	5.60	1.06	9.68	39	--	--
Annual Average DO	mg/L	LOX6	Refuge	Interior	3.57	0.34	3.31	3.58	3.83	3.08	4.05	5	0	--
Dissolved Oxygen	mg/L	LOX6	Refuge	Interior	3.56	2.05	1.72	3.17	5.09	0.36	8.52	56	--	--
Annual Average DO	mg/L	LOX7	Refuge	Interior	3.76	0.85	3.01	3.69	4.55	2.50	4.59	5	0	--
Dissolved Oxygen	mg/L	LOX7	Refuge	Interior	3.73	2.07	2.21	3.71	4.95	0.11	9.33	54	--	--
Annual Average DO	mg/L	LOX8	Refuge	Interior	4.08	0.75	3.33	4.12	4.81	3.23	4.91	5	0	--
Dissolved Oxygen	mg/L	LOX8	Refuge	Interior	4.08	2.11	2.55	3.63	5.54	0.79	10.03	55	--	--
Annual Average DO	mg/L	LOX9	Refuge	Interior	3.99	0.80	3.31	3.78	4.77	2.87	4.86	5	0	--
Dissolved Oxygen	mg/L	LOX9	Refuge	Interior	3.96	2.00	2.68	3.29	5.25	1.13	10.05	44	--	--
Annual Average DO	mg/L	X1	Refuge	Interior	1.18	0.68	0.71	0.80	1.84	0.68	2.28	5	100	--
Dissolved Oxygen	mg/L	X1	Refuge	Interior	1.23	1.27	0.44	0.74	1.55	0.18	6.36	53	--	--
Annual Average DO	mg/L	X2	Refuge	Interior	1.87	0.47	1.41	2.08	2.24	1.15	2.24	5	100	--
Dissolved Oxygen	mg/L	X2	Refuge	Interior	1.92	1.35	0.99	1.54	2.47	0.46	7.64	52	--	--
Annual Average DO	mg/L	X3	Refuge	Interior	2.30	0.70	1.72	2.01	3.04	1.48	3.15	5	60.0±36.0	--
Dissolved Oxygen	mg/L	X3	Refuge	Interior	2.31	1.45	1.16	2.08	3.13	0.47	6.05	52	--	--
Annual Average DO	mg/L	X4	Refuge	Interior	2.94	0.76	2.25	2.85	3.67	2.05	3.98	5	40.0±36.0	--
Dissolved Oxygen	mg/L	X4	Refuge	Interior	2.84	1.52	1.76	2.47	4.13	0.43	6.75	53	--	--
Annual Average DO	mg/L	Y4	Refuge	Interior	2.70	0.84	1.81	3.13	3.38	1.64	3.57	5	40.0±36.0	--
Dissolved Oxygen	mg/L	Y4	Refuge	Interior	2.72	1.43	1.52	2.50	3.59	0.52	6.63	52	--	--
Annual Average DO	mg/L	Z1	Refuge	Interior	0.99	0.35	0.76	0.94	1.26	0.59	1.56	5	100	--
Dissolved Oxygen	mg/L	Z1	Refuge	Interior	1.02	0.86	0.41	0.66	1.36	0.12	4.85	51	--	--
Annual Average DO	mg/L	Z2	Refuge	Interior	1.66	0.25	1.46	1.60	1.89	1.33	2.02	5	100	--
Dissolved Oxygen	mg/L	Z2	Refuge	Interior	1.73	0.97	0.87	1.69	2.25	0.19	4.70	48	--	--
Annual Average DO	mg/L	Z3	Refuge	Interior	3.37	0.48	2.98	3.33	3.79	2.81	4.10	5	20.0±29.4	--
Dissolved Oxygen	mg/L	Z3	Refuge	Interior	3.42	1.66	2.27	3.08	4.44	0.95	8.82	56	--	--
Annual Average DO	mg/L	Z4	Refuge	Interior	3.63	0.64	3.17	3.47	4.16	3.10	4.71	5	0	--
Dissolved Oxygen	mg/L	Z4	Refuge	Interior	3.59	1.82	2.04	3.45	5.14	0.62	7.55	56	--	--
Annual Average DO	mg/L	G94B	Refuge	Outflow	3.14	0.65	2.49	3.33	3.71	2.27	3.85	5	20.0±29.4	--

Variable	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	G94B	Refuge	Outflow	3.13	1.86	1.49	2.90	4.20	0.30	7.09	59	--	--
Annual Average DO	mg/L	S10A	Refuge	Outflow	5.69	1.01	4.74	6.04	6.48	4.11	6.73	5	0	--
Dissolved Oxygen	mg/L	S10A	Refuge	Outflow	5.72	2.32	4.21	5.52	7.57	1.20	10.26	34	--	--
Annual Average DO	mg/L	S10C	Refuge	Outflow	5.40	0.91	4.64	4.98	6.37	4.40	6.44	5	0	--
Dissolved Oxygen	mg/L	S10C	Refuge	Outflow	5.27	2.09	3.83	4.96	6.65	0.61	9.88	32	--	--
Annual Average DO	mg/L	S10D	Refuge	Outflow	4.03	0.96	3.25	3.52	5.08	3.24	5.16	5	0	--
Dissolved Oxygen	mg/L	S10D	Refuge	Outflow	4.06	2.08	2.63	3.50	5.73	0.61	10.40	68	--	--
Annual Average DO	mg/L	S10E	Refuge	Outflow	4.03	0.81	3.37	3.65	4.90	3.32	5.09	5	0	--
Dissolved Oxygen	mg/L	S10E	Refuge	Outflow	4.05	2.14	2.22	3.75	5.88	0.21	8.63	58	--	--
Annual Average DO	mg/L	S39	Refuge	Outflow	5.44	0.88	4.66	5.45	6.22	4.07	6.26	5	0	--
Dissolved Oxygen	mg/L	S39	Refuge	Outflow	5.46	2.13	4.03	5.59	7.00	0.83	9.55	86	--	--
Annual Average DO	mg/L	E0	WCA-2	Inflow	3.56	0.81	2.76	3.63	4.33	2.54	4.45	5	20.0±29.4	--
Dissolved Oxygen	mg/L	E0	WCA-2	Inflow	3.53	1.48	2.45	3.49	4.70	0.55	6.71	56	--	--
Annual Average DO	mg/L	F0	WCA-2	Inflow	2.70	0.55	2.32	2.54	3.17	2.30	3.65	5	80.0±29.4	--
Dissolved Oxygen	mg/L	F0	WCA-2	Inflow	2.67	1.53	1.54	2.48	3.60	0.25	6.77	57	--	--
Annual Average DO	mg/L	G335	WCA-2	Inflow	4.99	0.62	4.59	4.75	5.62	4.54	5.91	4	0	--
Dissolved Oxygen	mg/L	G335	WCA-2	Inflow	4.91	1.49	3.69	4.96	5.97	1.75	9.00	187	--	--
Annual Average DO	mg/L	S10A	WCA-2	Inflow	5.69	1.01	4.74	6.04	6.48	4.11	6.73	5	0	--
Dissolved Oxygen	mg/L	S10A	WCA-2	Inflow	5.71	2.32	4.21	5.52	7.57	1.20	10.26	34	--	--
Annual Average DO	mg/L	S10C	WCA-2	Inflow	5.40	0.91	4.64	4.98	6.37	4.40	6.44	5	0	--
Dissolved Oxygen	mg/L	S10C	WCA-2	Inflow	5.27	2.09	3.83	4.96	6.65	0.61	9.88	32	--	--
Annual Average DO	mg/L	S10D	WCA-2	Inflow	4.03	0.96	3.25	3.52	5.08	3.24	5.16	5	0	--
Dissolved Oxygen	mg/L	S10D	WCA-2	Inflow	4.06	2.08	2.63	3.50	5.73	0.61	10.40	68	--	--
Annual Average DO	mg/L	S10E	WCA-2	Inflow	4.03	0.81	3.37	3.65	4.90	3.32	5.09	5	0	--
Dissolved Oxygen	mg/L	S10E	WCA-2	Inflow	4.05	2.14	2.22	3.75	5.88	0.21	8.63	58	--	--
Annual Average DO	mg/L	S38B	WCA-2	Inflow	3.79	1.69	2.17	3.81	5.41	1.73	5.83	4	75.0±35.6	--
Dissolved Oxygen	mg/L	S38B	WCA-2	Inflow	4.07	2.33	2.17	3.49	5.61	0.65	8.77	21	--	--
Annual Average DO	mg/L	S7	WCA-2	Inflow	4.51	1.23	3.33	4.55	5.67	3.33	6.22	5	20.0±29.4	--
Dissolved Oxygen	mg/L	S7	WCA-2	Inflow	4.81	2.22	2.85	4.63	6.69	0.33	9.51	134	--	--
Annual Average DO	mg/L	CA215	WCA-2	Interior	4.06	0.63	3.49	3.86	4.72	3.34	4.77	5	0	--

Variable	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	CA215	WCA-2	Interior	4.06	1.86	2.66	4.06	5.23	0.27	9.16	109	--	--
Annual Average DO	mg/L	CA27	WCA-2	Interior	3.28	0.34	2.95	3.36	3.57	2.77	3.61	5	0	--
Dissolved Oxygen	mg/L	CA27	WCA-2	Interior	3.28	2.04	1.77	2.89	4.53	0.31	9.53	93	--	--
Annual Average DO	mg/L	CA28	WCA-2	Interior	1.58	0.60	0.97	1.68	2.16	0.89	2.24	5	100	--
Dissolved Oxygen	mg/L	CA28	WCA-2	Interior	1.64	1.39	0.56	1.35	2.15	0.13	6.35	81	--	--
Annual Average DO	mg/L	CA29	WCA-2	Interior	3.77	0.32	3.54	3.69	4.06	3.43	4.30	5	0	--
Dissolved Oxygen	mg/L	CA29	WCA-2	Interior	3.77	1.73	2.63	3.51	4.46	0.27	9.72	106	--	--
Annual Average DO	mg/L	E1	WCA-2	Interior	2.01	1.30	1.11	1.60	3.12	1.08	4.23	5	80.0±29.4	--
Dissolved Oxygen	mg/L	E1	WCA-2	Interior	1.87	1.56	0.91	1.47	2.37	0.44	8.54	41	--	--
Annual Average DO	mg/L	E2	WCA-2	Interior	1.88	0.76	1.15	1.92	2.61	0.92	2.77	5	100	--
Dissolved Oxygen	mg/L	E2	WCA-2	Interior	1.92	1.56	0.77	1.38	2.74	0.46	6.95	37	--	--
Annual Average DO	mg/L	E3	WCA-2	Interior	1.84	0.48	1.39	1.77	2.34	1.28	2.37	5	100	--
Dissolved Oxygen	mg/L	E3	WCA-2	Interior	2.01	1.73	0.91	1.62	2.49	0.36	8.36	39	--	--
Annual Average DO	mg/L	E4	WCA-2	Interior	2.13	0.54	1.64	2.18	2.59	1.31	2.70	5	100	--
Dissolved Oxygen	mg/L	E4	WCA-2	Interior	2.22	1.41	1.10	2.19	2.64	0.39	7.07	44	--	--
Annual Average DO	mg/L	E5	WCA-2	Interior	4.54	1.23	3.65	4.27	5.57	3.20	6.53	5	0	--
Dissolved Oxygen	mg/L	E5	WCA-2	Interior	4.34	2.15	3.10	4.00	5.23	1.12	15.15	46	--	--
Annual Average DO	mg/L	F1	WCA-2	Interior	1.93	0.39	1.67	1.73	2.28	1.65	2.58	5	100	--
Dissolved Oxygen	mg/L	F1	WCA-2	Interior	1.93	1.60	0.73	1.44	2.89	0.16	8.32	124	--	--
Annual Average DO	mg/L	F2	WCA-2	Interior	1.81	0.15	1.70	1.79	1.94	1.67	2.06	5	100	--
Dissolved Oxygen	mg/L	F2	WCA-2	Interior	1.74	1.26	0.88	1.42	2.20	0.18	6.37	140	--	--
Annual Average DO	mg/L	F3	WCA-2	Interior	2.49	0.76	1.80	2.64	3.12	1.49	3.54	5	100	--
Dissolved Oxygen	mg/L	F3	WCA-2	Interior	2.62	2.02	1.35	2.08	3.48	0.48	12.18	49	--	--
Annual Average DO	mg/L	F4	WCA-2	Interior	2.48	0.49	2.07	2.36	2.95	1.91	3.18	5	80.0±29.4	--
Dissolved Oxygen	mg/L	F4	WCA-2	Interior	2.47	1.57	1.17	2.06	3.49	0.23	8.40	141	--	--
Annual Average DO	mg/L	F5	WCA-2	Interior	3.82	1.00	2.98	3.50	4.83	2.72	5.23	5	20.0±29.4	--
Dissolved Oxygen	mg/L	F5	WCA-2	Interior	3.93	2.14	2.76	3.52	4.55	0.48	13.54	50	--	--
Annual Average DO	mg/L	S144	WCA-2	Interior	4.56	0.23	--	4.56	--	4.39	4.72	2	0	--
Dissolved Oxygen	mg/L	S144	WCA-2	Interior	4.64	1.83	3.38	4.28	5.93	1.85	11.28	37	--	--
Annual Average DO	mg/L	S145	WCA-2	Interior	4.59	0.29	4.34	4.53	4.88	4.30	4.99	5	0	--

Variable	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	S145	WCA-2	Interior	4.58	1.55	3.35	4.46	5.72	1.33	7.78	78	--	--
Annual Average DO	mg/L	S146	WCA-2	Interior	4.34	0.27	--	4.34	--	4.15	4.53	2	0	--
Dissolved Oxygen	mg/L	S146	WCA-2	Interior	4.36	1.25	3.56	4.51	5.27	1.90	7.36	35	--	--
Annual Average DO	mg/L	U1	WCA-2	Interior	3.19	0.84	2.42	3.23	3.94	1.93	4.01	5	40.0±36.0	--
Dissolved Oxygen	mg/L	U1	WCA-2	Interior	3.32	2.39	1.93	2.82	4.30	0.77	14.19	48	--	--
Annual Average DO	mg/L	U2	WCA-2	Interior	5.60	0.51	5.13	5.68	6.04	4.88	6.25	5	0	--
Dissolved Oxygen	mg/L	U2	WCA-2	Interior	5.77	2.46	4.17	5.60	6.72	1.99	16.11	44	--	--
Annual Average DO	mg/L	U3	WCA-2	Interior	4.49	1.07	3.57	4.26	5.52	3.05	5.82	5	0	--
Dissolved Oxygen	mg/L	U3	WCA-2	Interior	4.50	2.03	2.87	4.46	5.34	1.39	12.18	49	--	--
Annual Average DO	mg/L	S11A	WCA-2	Outflow	5.58	0.60	5.10	5.57	6.07	4.73	6.40	5	0	--
Dissolved Oxygen	mg/L	S11A	WCA-2	Outflow	5.57	1.87	4.10	5.92	6.88	1.90	9.68	73	--	--
Annual Average DO	mg/L	S11B	WCA-2	Outflow	4.69	0.99	3.68	4.93	5.58	3.45	5.86	5	0	--
Dissolved Oxygen	mg/L	S11B	WCA-2	Outflow	4.54	1.75	2.92	4.59	6.06	1.40	7.68	37	--	--
Annual Average DO	mg/L	S11C	WCA-2	Outflow	3.90	0.89	3.20	3.91	4.61	2.58	5.07	5	20.0±29.4	--
Dissolved Oxygen	mg/L	S11C	WCA-2	Outflow	3.87	1.79	2.29	3.48	5.32	1.19	8.58	72	--	--
Annual Average DO	mg/L	S34	WCA-2	Outflow	4.21	1.16	3.26	4.09	5.24	2.48	5.59	5	20.0±29.4	--
Dissolved Oxygen	mg/L	S34	WCA-2	Outflow	4.20	2.01	2.59	4.42	5.70	0.70	7.71	77	--	--
Annual Average DO	mg/L	S38	WCA-2	Outflow	3.77	0.30	3.52	3.75	4.03	3.36	4.18	5	60.0±36.0	--
Dissolved Oxygen	mg/L	S38	WCA-2	Outflow	3.73	1.94	2.15	3.23	5.17	1.16	10.31	72	--	--
Annual Average DO	mg/L	3AE0	WCA-3	Inflow	7.14	0.86	6.37	7.04	8.00	6.30	8.17	4	0	--
Dissolved Oxygen	mg/L	3AE0	WCA-3	Inflow	7.10	2.20	5.40	7.63	8.53	1.97	13.03	36	--	--
Annual Average DO	mg/L	3AW0	WCA-3	Inflow	7.46	1.04	6.51	7.37	8.49	6.30	8.79	4	0	--
Dissolved Oxygen	mg/L	3AW0	WCA-3	Inflow	7.32	2.02	6.14	7.45	8.70	2.21	12.77	37	--	--
Annual Average DO	mg/L	C123SR84	WCA-3	Inflow	4.33	0.81	3.70	4.28	4.99	3.26	5.51	5	20.0±29.4	--
Dissolved Oxygen	mg/L	C123SR84	WCA-3	Inflow	4.34	2.34	2.29	4.15	5.84	0.90	12.03	77	--	--
Annual Average DO	mg/L	G123	WCA-3	Inflow	3.65	1.37	2.48	3.42	4.95	2.25	5.74	5	40.0±36.0	--
Dissolved Oxygen	mg/L	G123	WCA-3	Inflow	4.10	2.13	2.43	3.91	5.39	0.52	10.69	122	--	--
Annual Average DO	mg/L	G204	WCA-3	Inflow	3.35	1.71	--	3.35	--	2.14	4.56	2	50.0±58.2	--
Dissolved Oxygen	mg/L	G204	WCA-3	Inflow	3.85	2.34	2.29	2.88	6.09	0.88	9.08	15	--	--
Annual Average DO	mg/L	G205	WCA-3	Inflow	3.90	1.44	2.39	4.06	5.26	2.39	5.26	3	33.3±44.8	--

Variable	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	G205	WCA-3	Inflow	3.90	1.82	1.96	3.99	5.80	1.35	6.32	18	--	--
Annual Average DO	mg/L	G206	WCA-3	Inflow	3.49	0.41	3.03	3.64	3.81	3.03	3.81	3	33.3±44.8	--
Dissolved Oxygen	mg/L	G206	WCA-3	Inflow	3.46	2.00	1.97	3.11	4.60	0.88	8.25	17	--	--
Annual Average DO	mg/L	L3	WCA-3	Inflow	4.36	0.62	--	4.36	--	3.92	4.79	2	0	--
Dissolved Oxygen	mg/L	L3	WCA-3	Inflow	4.03	2.25	2.59	4.00	5.39	0.26	10.24	30	--	--
Annual Average DO	mg/L	S11A	WCA-3	Inflow	5.58	0.60	5.10	5.57	6.07	4.73	6.40	5	0	--
Dissolved Oxygen	mg/L	S11A	WCA-3	Inflow	5.57	1.87	4.10	5.92	6.88	1.90	9.68	73	--	--
Annual Average DO	mg/L	S11B	WCA-3	Inflow	4.69	0.99	3.68	4.93	5.58	3.45	5.86	5	0	--
Dissolved Oxygen	mg/L	S11B	WCA-3	Inflow	4.54	1.75	2.92	4.59	6.06	1.40	7.68	37	--	--
Annual Average DO	mg/L	S11C	WCA-3	Inflow	3.90	0.89	3.20	3.91	4.61	2.58	5.07	5	20.0±29.4	--
Dissolved Oxygen	mg/L	S11C	WCA-3	Inflow	3.87	1.79	2.29	3.48	5.32	1.19	8.58	72	--	--
Annual Average DO	mg/L	S140	WCA-3	Inflow	4.26	1.07	3.27	4.42	5.18	2.84	5.68	5	0	--
Dissolved Oxygen	mg/L	S140	WCA-3	Inflow	4.51	2.39	2.29	4.34	6.60	0.60	10.00	134	--	--
Annual Average DO	mg/L	S142	WCA-3	Inflow	3.52	0.78	2.85	3.47	4.21	2.80	4.73	5	40.0±36.0	--
Dissolved Oxygen	mg/L	S142	WCA-3	Inflow	3.51	1.78	2.25	3.35	4.59	0.30	7.89	89	--	--
Annual Average DO	mg/L	S150	WCA-3	Inflow	4.98	1.13	3.90	5.17	5.96	3.44	6.40	5	0	--
Dissolved Oxygen	mg/L	S150	WCA-3	Inflow	5.32	2.13	3.30	5.31	6.86	0.91	9.66	113	--	--
Annual Average DO	mg/L	S151	WCA-3	Inflow	3.34	0.41	2.97	3.28	3.75	2.81	3.85	5	60.0±36.0	--
Dissolved Oxygen	mg/L	S151	WCA-3	Inflow	3.37	1.91	1.84	2.99	4.81	0.61	11.61	83	--	--
Annual Average DO	mg/L	S190	WCA-3	Inflow	5.90	0.39	5.60	6.01	6.14	5.20	6.16	5	0	--
Dissolved Oxygen	mg/L	S190	WCA-3	Inflow	5.88	2.29	4.09	6.32	7.53	1.58	10.90	83	--	--
Annual Average DO	mg/L	S8	WCA-3	Inflow	4.91	0.40	4.55	5.01	5.22	4.25	5.24	5	0	--
Dissolved Oxygen	mg/L	S8	WCA-3	Inflow	4.93	2.36	2.96	4.88	6.62	0.18	13.53	277	--	--
Annual Average DO	mg/L	S9	WCA-3	Inflow	2.89	0.50	2.51	2.88	3.27	2.24	3.64	5	80.0±29.4	--
Dissolved Oxygen	mg/L	S9	WCA-3	Inflow	2.86	1.48	1.68	2.81	3.77	0.12	8.45	250	--	--
Annual Average DO	mg/L	3AE05	WCA-3	Interior	2.31	1.27	1.11	2.31	3.50	1.00	3.61	4	75.0±35.6	--
Dissolved Oxygen	mg/L	3AE05	WCA-3	Interior	2.12	1.57	1.02	1.40	3.02	0.43	5.89	23	--	--
Annual Average DO	mg/L	3AE10	WCA-3	Interior	1.55	0.77	0.94	1.29	2.41	0.94	2.41	3	100	--
Dissolved Oxygen	mg/L	3AE10	WCA-3	Interior	1.77	1.62	0.72	1.29	1.89	0.26	7.30	26	--	--
Annual Average DO	mg/L	3AE15	WCA-3	Interior	1.44	0.24	1.24	1.38	1.70	1.24	1.70	3	100	--

Variable	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	3AE15	WCA-3	Interior	1.81	1.38	1.14	1.43	2.18	0.36	7.75	30	--	--
Annual Average DO	mg/L	3AE20	WCA-3	Interior	4.24	1.62	2.90	3.56	5.91	2.27	6.14	5	20.0±29.4	--
Dissolved Oxygen	mg/L	3AE20	WCA-3	Interior	3.80	2.07	2.57	3.37	4.62	1.23	10.01	34	--	--
Annual Average DO	mg/L	3AE40	WCA-3	Interior	4.33	0.90	3.39	4.54	5.16	3.28	5.26	5	0	--
Dissolved Oxygen	mg/L	3AE40	WCA-3	Interior	4.32	1.71	2.97	4.50	5.21	1.08	8.25	32	--	--
Annual Average DO	mg/L	3ANMESO	WCA-3	Interior	3.36	1.35	2.07	3.62	4.52	2.02	5.28	5	40.0±36.0	--
Dissolved Oxygen	mg/L	3ANMESO	WCA-3	Interior	2.89	2.22	1.60	2.20	3.47	0.37	10.85	38	--	--
Annual Average DO	mg/L	3ASMESO	WCA-3	Interior	3.76	1.57	2.21	3.71	5.35	2.16	5.35	5	40.0±36.0	--
Dissolved Oxygen	mg/L	3ASMESO	WCA-3	Interior	3.19	2.49	1.37	2.32	4.69	0.35	10.84	38	--	--
Annual Average DO	mg/L	3AW05	WCA-3	Interior	1.46	0.60	0.97	1.28	2.13	0.97	2.13	3	100	--
Dissolved Oxygen	mg/L	3AW05	WCA-3	Interior	1.42	0.72	0.78	1.35	2.00	0.27	2.93	20	--	--
Annual Average DO	mg/L	3AW10	WCA-3	Interior	2.61	1.43	1.34	2.43	4.06	1.11	4.47	4	75.0±35.6	--
Dissolved Oxygen	mg/L	3AW10	WCA-3	Interior	2.13	1.63	0.96	1.75	2.91	0.19	7.28	30	--	--
Annual Average DO	mg/L	3AW15	WCA-3	Interior	1.68	0.42	1.21	1.84	2.00	1.21	2.00	3	100	--
Dissolved Oxygen	mg/L	3AW15	WCA-3	Interior	1.92	1.33	1.06	1.75	2.29	0.20	5.97	30	--	--
Annual Average DO	mg/L	3AW20	WCA-3	Interior	2.49	1.52	1.48	1.93	4.08	1.39	4.73	4	75.0±35.6	--
Dissolved Oxygen	mg/L	3AW20	WCA-3	Interior	2.19	1.56	1.21	1.66	2.86	0.45	8.04	32	--	--
Annual Average DO	mg/L	3AW40	WCA-3	Interior	5.55	1.40	4.37	6.03	6.49	3.13	6.60	5	0	--
Dissolved Oxygen	mg/L	3AW40	WCA-3	Interior	5.21	2.35	3.75	4.58	6.87	0.77	10.28	35	--	--
Annual Average DO	mg/L	CA311	WCA-3	Interior	3.73	0.46	3.39	3.54	4.18	3.38	4.46	5	0	--
Dissolved Oxygen	mg/L	CA311	WCA-3	Interior	3.73	1.72	2.50	3.51	4.82	0.37	10.32	108	--	--
Annual Average DO	mg/L	CA315	WCA-3	Interior	3.00	0.23	2.78	2.97	3.23	2.77	3.23	5	0	--
Dissolved Oxygen	mg/L	CA315	WCA-3	Interior	3.00	1.86	1.54	2.66	4.02	0.29	9.11	117	--	--
Annual Average DO	mg/L	CA316	WCA-3	Interior	1.79	0.18	1.61	1.80	1.96	1.58	1.98	4	100	--
Dissolved Oxygen	mg/L	CA316	WCA-3	Interior	1.81	1.19	0.93	1.60	2.33	0.25	6.07	84	--	--
Annual Average DO	mg/L	CA317	WCA-3	Interior	4.07	0.69	3.42	4.07	4.71	3.36	4.76	4	0	--
Dissolved Oxygen	mg/L	CA317	WCA-3	Interior	4.06	1.82	2.71	4.13	5.06	0.75	8.72	99	--	--
Annual Average DO	mg/L	CA318	WCA-3	Interior	2.70	0.22	2.48	2.80	2.83	2.37	2.84	4	25.0±35.6	--
Dissolved Oxygen	mg/L	CA318	WCA-3	Interior	2.70	2.04	1.01	2.13	3.99	0.19	7.71	92	--	--
Annual Average DO	mg/L	CA32	WCA-3	Interior	3.53	0.45	3.09	3.55	3.96	3.06	4.12	5	0	--

Variable	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	CA32	WCA-3	Interior	3.53	1.37	2.51	3.37	4.52	1.21	7.32	80	--	--
Annual Average DO	mg/L	CA33	WCA-3	Interior	2.69	0.31	2.40	2.68	2.99	2.35	3.10	5	60.0±36.0	--
Dissolved Oxygen	mg/L	CA33	WCA-3	Interior	2.69	1.45	1.79	2.46	3.39	0.45	8.30	85	--	--
Annual Average DO	mg/L	CA34	WCA-3	Interior	3.04	0.51	2.58	3.09	3.48	2.30	3.69	5	20.0±29.4	--
Dissolved Oxygen	mg/L	CA34	WCA-3	Interior	3.05	1.48	2.19	2.79	3.77	0.54	11.20	79	--	--
Annual Average DO	mg/L	CA35	WCA-3	Interior	3.94	0.39	3.61	3.89	4.30	3.50	4.54	5	0	--
Dissolved Oxygen	mg/L	CA35	WCA-3	Interior	3.90	1.52	2.73	3.84	4.91	1.08	7.33	58	--	--
Annual Average DO	mg/L	CA36	WCA-3	Interior	1.44	0.33	1.17	1.36	1.78	1.13	1.90	4	100	--
Dissolved Oxygen	mg/L	CA36	WCA-3	Interior	1.37	0.92	0.69	1.11	1.77	0.24	3.76	54	--	--
Annual Average DO	mg/L	CA38	WCA-3	Interior	3.35	0.32	3.08	3.34	3.63	2.86	3.63	5	0	--
Dissolved Oxygen	mg/L	CA38	WCA-3	Interior	3.33	1.36	2.36	3.13	4.21	1.10	7.85	90	--	--
Annual Average DO	mg/L	S12A	WCA-3	Outflow	3.86	0.34	3.53	3.86	4.20	3.46	4.28	5	0	--
Dissolved Oxygen	mg/L	S12A	WCA-3	Outflow	3.86	1.45	2.81	3.67	4.82	0.10	7.68	133	--	--
Annual Average DO	mg/L	S12B	WCA-3	Outflow	3.95	0.41	3.62	3.98	4.28	3.41	4.56	5	0	--
Dissolved Oxygen	mg/L	S12B	WCA-3	Outflow	3.95	1.56	2.71	3.71	4.99	0.17	8.45	132	--	--
Annual Average DO	mg/L	S12C	WCA-3	Outflow	3.35	0.30	3.05	3.39	3.64	3.05	3.69	5	0	--
Dissolved Oxygen	mg/L	S12C	WCA-3	Outflow	3.35	1.49	2.29	3.23	4.54	0.29	7.66	132	--	--
Annual Average DO	mg/L	S12D	WCA-3	Outflow	3.08	0.37	2.76	3.11	3.40	2.63	3.61	5	40.0±36.0	--
Dissolved Oxygen	mg/L	S12D	WCA-3	Outflow	3.06	1.42	2.00	2.94	3.96	0.33	8.22	142	--	--
Annual Average DO	mg/L	S197	WCA-3	Outflow	6.04	0.25	--	6.04	--	5.86	6.21	2	0	--
Dissolved Oxygen	mg/L	S197	WCA-3	Outflow	5.69	2.14	3.54	6.47	7.09	2.03	8.99	19	--	--
Annual Average DO	mg/L	S31	WCA-3	Outflow	2.92	0.89	2.10	2.87	3.80	1.90	4.05	4	75.0±35.6	--
Dissolved Oxygen	mg/L	S31	WCA-3	Outflow	3.12	2.02	1.46	2.59	4.45	0.63	8.96	42	--	--
Annual Average DO	mg/L	S333	WCA-3	Outflow	3.31	0.17	3.17	3.27	3.47	3.09	3.56	5	0	--
Dissolved Oxygen	mg/L	S333	WCA-3	Outflow	3.30	1.38	2.24	3.20	4.25	0.33	7.70	140	--	--
Annual Average DO	mg/L	S334	WCA-3	Outflow	4.13	0.90	3.34	3.89	5.04	3.04	5.23	5	0	--
Dissolved Oxygen	mg/L	S334	WCA-3	Outflow	4.14	2.12	2.96	4.22	5.39	0.19	8.94	75	--	--
Annual Average DO	mg/L	S344	WCA-3	Outflow	3.21	0.63	2.69	3.07	3.87	2.65	4.05	4	25.0±35.6	--
Dissolved Oxygen	mg/L	S344	WCA-3	Outflow	3.20	1.55	2.12	2.48	4.55	1.27	6.69	18	--	--
Annual Average DO	mg/L	S355A	WCA-3	Outflow	5.84	0.65	5.39	5.73	6.35	5.33	6.95	5	0	--

Variable	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	S355A	WCA-3	Outflow	5.85	1.73	4.71	5.70	6.54	2.86	12.37	56	--	--
Annual Average DO	mg/L	S355B	WCA-3	Outflow	4.59	0.34	4.28	4.67	4.88	4.07	4.92	5	0	--
Dissolved Oxygen	mg/L	S355B	WCA-3	Outflow	4.59	1.54	3.66	4.39	5.21	1.54	9.29	56	--	--
Annual Average DO	mg/L	US41-25	WCA-3	Outflow	2.81	0.29	2.60	2.76	3.04	2.53	3.29	5	0	--
Dissolved Oxygen	mg/L	US41-25	WCA-3	Outflow	2.80	0.91	2.38	2.73	3.23	0.11	6.47	129	--	--
Annual Average DO	mg/L	S12A	Park	Inflow	3.86	0.34	3.53	3.86	4.20	3.46	4.28	5	0	--
Dissolved Oxygen	mg/L	S12A	Park	Inflow	3.86	1.45	2.81	3.67	4.82	0.10	7.68	133	--	--
Annual Average DO	mg/L	S12B	Park	Inflow	3.95	0.41	3.62	3.98	4.28	3.41	4.56	5	0	--
Dissolved Oxygen	mg/L	S12B	Park	Inflow	3.95	1.56	2.71	3.71	4.99	0.17	8.45	132	--	--
Annual Average DO	mg/L	S12C	Park	Inflow	3.35	0.30	3.05	3.39	3.64	3.05	3.69	5	0	--
Dissolved Oxygen	mg/L	S12C	Park	Inflow	3.35	1.49	2.29	3.23	4.54	0.29	7.66	132	--	--
Annual Average DO	mg/L	S12D	Park	Inflow	3.08	0.37	2.76	3.11	3.40	2.63	3.61	5	40.0±36.0	--
Dissolved Oxygen	mg/L	S12D	Park	Inflow	3.06	1.42	2.00	2.94	3.96	0.33	8.22	142	--	--
Annual Average DO	mg/L	S175	Park	Inflow	4.03	0.78	3.31	3.84	4.85	3.29	4.86	5	0	--
Dissolved Oxygen	mg/L	S175	Park	Inflow	3.95	1.72	2.62	4.40	5.16	0.09	7.52	152	--	--
Annual Average DO	mg/L	S18C	Park	Inflow	4.53	0.80	3.84	4.36	5.31	3.43	5.42	5	0	--
Dissolved Oxygen	mg/L	S18C	Park	Inflow	4.56	2.40	2.35	4.45	7.03	0.73	9.06	167	--	--
Annual Average DO	mg/L	S332	Park	Inflow	3.75	0.92	2.96	3.37	4.74	2.93	4.81	5	0	--
Dissolved Oxygen	mg/L	S332	Park	Inflow	3.62	1.62	2.20	4.03	4.85	0.32	6.73	165	--	--
Annual Average DO	mg/L	S332D	Park	Inflow	2.32	0.27	2.04	2.43	2.54	2.03	2.61	5	100	--
Dissolved Oxygen	mg/L	S332D	Park	Inflow	2.34	1.85	0.80	1.87	3.57	0.17	8.27	233	--	--
Annual Average DO	mg/L	S333	Park	Inflow	3.31	0.17	3.17	3.27	3.47	3.09	3.56	5	0	--
Dissolved Oxygen	mg/L	S333	Park	Inflow	3.30	1.38	2.24	3.20	4.25	0.33	7.70	140	--	--
Annual Average DO	mg/L	S355A	Park	Inflow	5.84	0.65	5.39	5.73	6.35	5.33	6.95	5	0	--
Dissolved Oxygen	mg/L	S355A	Park	Inflow	5.85	1.73	4.71	5.70	6.54	2.86	12.37	56	--	--
Annual Average DO	mg/L	S355B	Park	Inflow	4.59	0.34	4.28	4.67	4.88	4.07	4.92	5	0	--
Dissolved Oxygen	mg/L	S355B	Park	Inflow	4.59	1.54	3.66	4.39	5.21	1.54	9.29	56	--	--
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	5.19	0.87	4.74	5.21	5.98	3.12	6.23	12	--	--
Annual Average DO	mg/L	T0W	Park	Inflow	4.94	0.86	--	4.94	--	4.33	5.55	2	0	--

Variable	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	T0W	Park	Inflow	5.08	1.18	4.47	5.35	5.54	2.36	6.92	12	--	--
Annual Average DO	mg/L	EP	Park	Interior	9.07	0.54	8.51	9.27	9.53	8.32	9.58	5	0	--
Dissolved Oxygen	mg/L	EP	Park	Interior	9.21	1.35	8.46	9.07	10.13	6.06	12.87	40	--	--
Annual Average DO	mg/L	NE1	Park	Interior	3.19	1.15	2.08	3.28	4.26	1.89	4.73	5	40.0±36.0	--
Dissolved Oxygen	mg/L	NE1	Park	Interior	3.12	1.64	1.64	3.12	4.34	0.27	6.52	55	--	--
Annual Average DO	mg/L	NP201	Park	Interior	5.06	0.31	4.77	5.06	5.36	4.67	5.39	5	0	--
Dissolved Oxygen	mg/L	NP201	Park	Interior	5.08	1.38	4.21	4.93	6.22	2.36	7.80	52	--	--
Annual Average DO	mg/L	P33	Park	Interior	4.25	0.65	3.64	4.19	4.90	3.50	5.09	5	0	--
Dissolved Oxygen	mg/L	P33	Park	Interior	4.20	1.66	3.16	4.19	5.14	0.95	9.10	55	--	--
Annual Average DO	mg/L	P34	Park	Interior	6.27	0.66	5.62	6.31	6.89	5.36	6.93	5	0	--
Dissolved Oxygen	mg/L	P34	Park	Interior	6.20	1.39	5.65	6.26	7.17	1.43	8.68	42	--	--
Annual Average DO	mg/L	P35	Park	Interior	4.58	0.46	4.19	4.57	4.99	3.89	5.12	5	0	--
Dissolved Oxygen	mg/L	P35	Park	Interior	4.66	1.28	3.74	4.52	5.32	2.50	7.25	39	--	--
Annual Average DO	mg/L	P36	Park	Interior	4.46	0.72	3.73	4.83	5.02	3.37	5.07	5	0	--
Dissolved Oxygen	mg/L	P36	Park	Interior	4.40	1.45	3.45	4.01	5.67	2.07	7.86	55	--	--
Annual Average DO	mg/L	P37	Park	Interior	8.61	0.68	7.95	8.58	9.28	7.80	9.44	5	0	--
Dissolved Oxygen	mg/L	P37	Park	Interior	8.62	1.71	7.74	8.35	9.79	5.18	12.87	40	--	--
Annual Average DO	mg/L	T05E	Park	Interior	4.28	1.03	--	4.28	--	3.55	5.00	2	0	--
Dissolved Oxygen	mg/L	T05E	Park	Interior	3.97	1.46	2.39	4.38	4.93	1.73	6.19	10	--	--
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	5.08	2.02	3.05	5.32	6.30	2.48	8.70	9	--	--
Annual Average DO	mg/L	T15W	Park	Interior	8.09	--	--	8.09	--	8.09	8.09	1	0	--
Dissolved Oxygen	mg/L	T15W	Park	Interior	7.01	1.59	5.88	6.53	8.37	5.06	9.87	8	--	--
Annual Average DO	mg/L	T24	Park	Interior	6.46	1.15	--	6.46	--	5.64	7.27	2	0	--
Dissolved Oxygen	mg/L	T24	Park	Interior	6.00	1.52	4.64	5.81	7.06	4.37	8.61	8	--	--
Annual Average DO	mg/L	T33	Park	Interior	4.86	1.51	--	4.86	--	3.79	5.92	2	0	--
Dissolved Oxygen	mg/L	T33	Park	Interior	5.34	1.94	3.95	4.71	6.71	2.48	9.41	12	--	--
Annual Average DO	mg/L	T34	Park	Interior	5.33	1.05	--	5.33	--	4.58	6.07	2	0	--
Dissolved Oxygen	mg/L	T34	Park	Interior	5.30	1.46	3.85	5.42	6.44	3.21	7.54	10	--	--
Annual Average DO	mg/L	TNMESO	Park	Interior	5.53	0.38	5.10	5.68	5.82	5.10	5.82	3	0	--

Variable	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	TNMESO	Park	Interior	5.54	1.38	4.54	5.64	6.82	3.18	7.75	12	--	--
Annual Average DO	mg/L	TSB	Park	Interior	4.19	2.19	3.10	3.29	5.74	3.01	8.10	5	0	--
Dissolved Oxygen	mg/L	TSB	Park	Interior	4.22	2.36	2.84	3.33	4.93	1.56	11.15	44	--	--
Annual Average DO	mg/L	TSMESO	Park	Interior	5.78	0.47	--	5.78	--	5.44	6.11	2	0	--
Dissolved Oxygen	mg/L	TSMESO	Park	Interior	5.75	1.94	4.09	6.57	7.05	2.36	8.20	11	--	--
pH	Units	ACME1DS	Refuge	Inflow	7.55	0.31	7.33	7.50	7.73	6.97	8.57	69	1.4±2.4	MC
pH	Units	G251	Refuge	Inflow	7.42	0.17	7.30	7.41	7.51	6.84	8.05	296	0	NC
pH	Units	G300	Refuge	Inflow	7.32	0.20	7.25	7.32	7.42	6.83	7.64	16	0	--
pH	Units	G301	Refuge	Inflow	7.34	0.18	7.21	7.26	7.54	7.13	7.63	10	0	--
pH	Units	G310	Refuge	Inflow	7.52	0.21	7.37	7.49	7.65	6.97	8.14	204	0	NC
pH	Units	G94D	Refuge	Inflow	7.44	0.27	7.22	7.39	7.57	6.98	8.24	70	0	NC
pH	Units	S5A	Refuge	Inflow	7.49	0.33	7.29	7.54	7.75	6.56	8.13	68	0	NC
pH	Units	S5AS	Refuge	Inflow	7.51	0.29	7.25	7.56	7.79	7.04	7.82	9	0	--
pH	Units	S6	Refuge	Inflow	7.41	0.36	7.29	7.38	7.58	5.15	8.35	99	1.0±1.7	MC
pH	Units	S5AD	Refuge	Rim	7.47	0.36	7.25	7.43	7.77	6.35	8.15	35	0	NC
pH	Units	S6D	Refuge	Rim	7.47	0.24	7.33	7.44	7.57	7.01	8.05	31	0	NC
pH	Units	X0	Refuge	Rim	7.48	0.19	7.34	7.48	7.61	7.00	7.89	61	0	NC
pH	Units	Z0	Refuge	Rim	7.51	0.21	7.35	7.51	7.62	7.01	8.08	61	0	NC
pH	Units	LOX10	Refuge	Interior	6.90	0.26	6.73	6.86	7.06	6.02	7.52	39	0	NC
pH	Units	LOX11	Refuge	Interior	6.19	0.51	5.82	6.10	6.42	5.20	7.60	57	43.9±10.8	C
pH	Units	LOX12	Refuge	Interior	7.01	0.36	6.73	7.04	7.24	6.35	7.92	62	0	NC
pH	Units	LOX13	Refuge	Interior	6.24	0.41	5.94	6.22	6.54	5.43	7.20	50	30.0±10.7	C
pH	Units	LOX14	Refuge	Interior	6.43	0.31	6.15	6.47	6.66	5.89	7.19	59	10.2±6.5	PC
pH	Units	LOX15	Refuge	Interior	7.11	0.28	6.94	7.13	7.28	6.32	7.86	60	0	NC
pH	Units	LOX16	Refuge	Interior	6.47	0.39	6.26	6.44	6.67	5.59	7.39	57	14.0±7.6	PC
pH	Units	LOX3	Refuge	Interior	6.74	0.52	6.34	6.64	7.21	5.95	7.73	30	6.7±7.5	MC
pH	Units	LOX4	Refuge	Interior	6.85	0.19	6.71	6.84	7.01	6.50	7.26	42	0	NC
pH	Units	LOX5	Refuge	Interior	6.32	0.43	6.00	6.22	6.76	5.57	7.21	39	23.1±11.1	C
pH	Units	LOX6	Refuge	Interior	6.97	0.43	6.65	7.04	7.35	6.11	7.72	56	0	NC
pH	Units	LOX7	Refuge	Interior	6.42	0.32	6.19	6.41	6.58	5.88	7.48	54	7.4±5.9	MC

Variable	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	LOX8	Refuge	Interior	6.27	0.43	5.92	6.24	6.62	5.54	7.24	55	29.1±10.1	C
pH	Units	LOX9	Refuge	Interior	6.54	0.44	6.16	6.46	6.87	5.87	7.64	44	9.1±7.1	MC
pH	Units	X1	Refuge	Interior	7.18	0.14	7.07	7.19	7.29	6.84	7.52	53	0	NC
pH	Units	X2	Refuge	Interior	7.07	0.19	6.97	7.10	7.17	6.50	7.49	52	0	NC
pH	Units	X3	Refuge	Interior	7.06	0.23	6.90	7.09	7.18	6.60	7.58	52	0	NC
pH	Units	X4	Refuge	Interior	7.05	0.33	6.80	7.10	7.27	6.40	7.73	53	0	NC
pH	Units	Y4	Refuge	Interior	6.99	0.27	6.83	6.99	7.17	6.34	7.72	53	0	NC
pH	Units	Z1	Refuge	Interior	7.18	0.14	7.10	7.17	7.29	6.85	7.53	52	0	NC
pH	Units	Z2	Refuge	Interior	7.13	0.17	7.01	7.16	7.24	6.75	7.49	49	0	NC
pH	Units	Z3	Refuge	Interior	7.20	0.24	7.06	7.24	7.36	6.53	7.66	57	0	NC
pH	Units	Z4	Refuge	Interior	7.00	0.30	6.82	7.04	7.27	6.15	7.52	57	0	NC
pH	Units	G94B	Refuge	Outflow	7.19	0.34	7.04	7.20	7.40	5.52	7.81	60	1.7±2.7	MC
pH	Units	S10A	Refuge	Outflow	7.72	0.34	7.52	7.75	7.96	6.96	8.62	34	2.9±4.8	MC
pH	Units	S10C	Refuge	Outflow	7.71	0.33	7.47	7.64	7.96	7.16	8.56	32	3.1±5.1	MC
pH	Units	S10D	Refuge	Outflow	7.55	0.26	7.35	7.55	7.69	7.07	8.29	68	0	NC
pH	Units	S10E	Refuge	Outflow	7.55	0.28	7.36	7.51	7.72	7.07	8.44	58	0	NC
pH	Units	S39	Refuge	Outflow	7.62	0.30	7.39	7.67	7.84	6.72	8.15	85	0	NC
pH	Units	E0	WCA-2	Inflow	7.58	0.21	7.47	7.57	7.72	6.96	8.05	57	0	NC
pH	Units	F0	WCA-2	Inflow	7.53	0.20	7.41	7.52	7.67	6.83	8.07	57	0	NC
pH	Units	G335	WCA-2	Inflow	7.64	0.25	7.47	7.60	7.77	6.97	8.32	187	0	NC
pH	Units	G339	WCA-2	Inflow	7.29	--	--	7.29	--	7.29	7.29	1	0	--
pH	Units	S10A	WCA-2	Inflow	7.72	0.34	7.52	7.75	7.96	6.96	8.62	34	2.9±4.8	MC
pH	Units	S10C	WCA-2	Inflow	7.71	0.33	7.47	7.64	7.96	7.16	8.56	32	3.1±5.1	MC
pH	Units	S10D	WCA-2	Inflow	7.55	0.26	7.35	7.55	7.69	7.07	8.29	68	0	NC
pH	Units	S10E	WCA-2	Inflow	7.55	0.28	7.36	7.51	7.72	7.07	8.44	58	0	NC
pH	Units	S38B	WCA-2	Inflow	7.50	0.24	7.31	7.50	7.65	7.09	8.00	22	0	--
pH	Units	S7	WCA-2	Inflow	7.42	0.29	7.25	7.38	7.58	6.32	8.36	139	0	NC
pH	Units	CA215	WCA-2	Interior	7.54	0.21	7.42	7.54	7.65	6.74	8.03	110	0	NC
pH	Units	CA27	WCA-2	Interior	7.22	0.33	7.10	7.32	7.42	5.58	7.70	94	1.1±1.7	MC
pH	Units	CA28	WCA-2	Interior	7.33	0.22	7.16	7.39	7.50	6.57	7.71	82	0	NC

Variable	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	CA29	WCA-2	Interior	7.40	0.28	7.27	7.46	7.61	6.18	7.84	107	0	NC
pH	Units	E1	WCA-2	Interior	7.33	0.15	7.26	7.33	7.44	6.86	7.69	41	0	NC
pH	Units	E2	WCA-2	Interior	7.27	0.17	7.17	7.25	7.36	6.83	7.63	36	0	NC
pH	Units	E3	WCA-2	Interior	7.33	0.13	7.23	7.32	7.41	7.10	7.61	38	0	NC
pH	Units	E4	WCA-2	Interior	7.24	0.16	7.15	7.23	7.34	6.71	7.69	43	0	NC
pH	Units	E5	WCA-2	Interior	7.42	0.25	7.25	7.42	7.58	6.54	7.90	45	0	NC
pH	Units	F1	WCA-2	Interior	7.34	0.22	7.27	7.35	7.46	6.40	7.88	125	0	NC
pH	Units	F2	WCA-2	Interior	7.33	0.18	7.26	7.35	7.44	6.61	7.80	141	0	NC
pH	Units	F3	WCA-2	Interior	7.37	0.18	7.27	7.37	7.47	6.97	7.79	48	0	NC
pH	Units	F4	WCA-2	Interior	7.31	0.20	7.22	7.31	7.42	6.37	7.96	142	0	NC
pH	Units	F5	WCA-2	Interior	7.48	0.21	7.31	7.47	7.61	7.03	8.00	49	0	NC
pH	Units	S144	WCA-2	Interior	7.51	0.28	7.33	7.51	7.67	7.01	8.06	37	0	NC
pH	Units	S145	WCA-2	Interior	7.40	0.48	7.29	7.49	7.61	3.65	7.98	84	1.2±1.9	MC
pH	Units	S146	WCA-2	Interior	7.45	0.29	7.25	7.48	7.63	6.85	8.10	35	0	NC
pH	Units	U1	WCA-2	Interior	7.37	0.20	7.22	7.38	7.52	6.97	8.01	47	0	NC
pH	Units	U2	WCA-2	Interior	7.64	0.27	7.45	7.59	7.73	7.18	8.38	44	0	NC
pH	Units	U3	WCA-2	Interior	7.61	0.32	7.45	7.55	7.72	7.07	9.27	48	2.1±3.4	MC
pH	Units	S11A	WCA-2	Outflow	7.60	0.32	7.37	7.56	7.84	6.93	8.62	77	1.3±2.1	MC
pH	Units	S11B	WCA-2	Outflow	7.51	0.28	7.30	7.43	7.74	7.13	8.26	37	0	NC
pH	Units	S11C	WCA-2	Outflow	7.45	0.30	7.27	7.42	7.57	6.66	8.32	74	0	NC
pH	Units	S34	WCA-2	Outflow	7.46	0.29	7.26	7.41	7.64	6.61	8.42	80	0	NC
pH	Units	S38	WCA-2	Outflow	7.34	0.28	7.15	7.34	7.54	6.59	7.86	76	0	NC
pH	Units	3AE0	WCA-3	Inflow	7.90	0.37	7.66	7.98	8.20	7.11	8.40	35	0	NC
pH	Units	3AW0	WCA-3	Inflow	7.91	0.37	7.72	7.98	8.18	7.14	8.54	36	2.8±4.5	MC
pH	Units	C123SR84	WCA-3	Inflow	7.31	0.32	7.13	7.25	7.43	6.55	8.29	80	0	NC
pH	Units	G123	WCA-3	Inflow	7.41	0.18	7.29	7.41	7.52	6.93	7.96	124	0	NC
pH	Units	G204	WCA-3	Inflow	7.35	0.47	7.19	7.36	7.57	6.02	8.01	15	0	--
pH	Units	G205	WCA-3	Inflow	7.43	0.31	7.24	7.46	7.68	6.64	7.86	18	0	--
pH	Units	G206	WCA-3	Inflow	7.28	0.35	7.08	7.34	7.54	6.33	7.80	17	0	--
pH	Units	L3	WCA-3	Inflow	7.54	0.38	7.23	7.59	7.82	6.88	8.19	30	0	NC

Variable	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	S11A	WCA-3	Inflow	7.60	0.32	7.37	7.56	7.84	6.93	8.62	77	1.3±2.1	MC
pH	Units	S11B	WCA-3	Inflow	7.51	0.28	7.30	7.43	7.74	7.13	8.26	37	0	NC
pH	Units	S11C	WCA-3	Inflow	7.45	0.30	7.27	7.42	7.57	6.66	8.32	74	0	NC
pH	Units	S140	WCA-3	Inflow	7.36	0.34	7.15	7.28	7.60	6.63	8.14	139	0	NC
pH	Units	S142	WCA-3	Inflow	7.41	0.28	7.28	7.42	7.52	6.30	8.16	92	0	NC
pH	Units	S150	WCA-3	Inflow	7.51	0.28	7.31	7.49	7.69	6.72	8.15	118	0	NC
pH	Units	S151	WCA-3	Inflow	7.34	0.21	7.24	7.33	7.46	6.52	7.81	84	0	NC
pH	Units	S190	WCA-3	Inflow	7.62	0.39	7.30	7.66	7.97	6.35	8.42	83	0	NC
pH	Units	S8	WCA-3	Inflow	7.56	0.39	7.29	7.54	7.78	5.89	8.85	279	2.9±1.6	MC
pH	Units	S9	WCA-3	Inflow	7.21	0.21	7.11	7.21	7.31	6.12	7.88	259	0	NC
pH	Units	3AE05	WCA-3	Interior	7.15	0.17	7.03	7.16	7.25	6.80	7.42	22	0	--
pH	Units	3AE10	WCA-3	Interior	7.18	0.14	7.10	7.15	7.28	6.91	7.49	25	0	--
pH	Units	3AE15	WCA-3	Interior	7.23	0.12	7.12	7.22	7.32	7.02	7.46	29	0	NC
pH	Units	3AE20	WCA-3	Interior	7.33	0.21	7.21	7.34	7.46	6.92	7.87	33	0	NC
pH	Units	3AE40	WCA-3	Interior	7.42	0.21	7.29	7.45	7.55	6.76	7.80	32	0	NC
pH	Units	3ANMESO	WCA-3	Interior	7.21	0.18	7.11	7.21	7.38	6.75	7.48	38	0	NC
pH	Units	3ASMESO	WCA-3	Interior	7.25	0.25	7.10	7.24	7.42	6.76	7.75	37	0	NC
pH	Units	3AW05	WCA-3	Interior	7.20	0.12	7.11	7.20	7.28	6.94	7.46	19	0	--
pH	Units	3AW10	WCA-3	Interior	7.16	0.16	7.08	7.13	7.29	6.72	7.60	29	0	NC
pH	Units	3AW15	WCA-3	Interior	7.19	0.15	7.06	7.18	7.29	6.92	7.54	29	0	NC
pH	Units	3AW20	WCA-3	Interior	7.22	0.18	7.11	7.22	7.33	6.75	7.73	31	0	NC
pH	Units	3AW30	WCA-3	Interior	7.26	0.16	--	7.26	--	7.15	7.37	2	0	--
pH	Units	3AW40	WCA-3	Interior	7.45	0.25	7.25	7.48	7.64	6.87	7.93	34	0	NC
pH	Units	CA311	WCA-3	Interior	7.24	0.22	7.14	7.24	7.39	6.58	7.72	109	0	NC
pH	Units	CA315	WCA-3	Interior	7.18	0.24	7.02	7.21	7.32	6.49	7.83	118	0	NC
pH	Units	CA316	WCA-3	Interior	7.21	0.17	7.14	7.23	7.32	6.63	7.78	85	0	NC
pH	Units	CA317	WCA-3	Interior	7.53	0.17	7.44	7.53	7.63	6.84	7.97	100	0	NC
pH	Units	CA318	WCA-3	Interior	7.37	0.20	7.24	7.35	7.53	6.78	7.88	93	0	NC
pH	Units	CA32	WCA-3	Interior	7.25	0.19	7.13	7.26	7.35	6.63	7.72	81	0	NC
pH	Units	CA33	WCA-3	Interior	7.25	0.14	7.17	7.25	7.33	6.75	7.55	86	0	NC

Variable	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	CA34	WCA-3	Interior	7.29	0.18	7.20	7.28	7.38	6.70	7.96	80	0	NC
pH	Units	CA35	WCA-3	Interior	7.32	0.18	7.21	7.32	7.46	6.74	7.68	59	0	NC
pH	Units	CA36	WCA-3	Interior	7.21	0.17	7.13	7.23	7.33	6.62	7.50	55	0	NC
pH	Units	CA38	WCA-3	Interior	7.26	0.17	7.17	7.26	7.35	6.61	7.70	91	0	NC
pH	Units	S12A	WCA-3	Outflow	7.31	0.20	7.17	7.30	7.42	6.84	7.92	133	0	NC
pH	Units	S12B	WCA-3	Outflow	7.32	0.21	7.22	7.35	7.43	6.16	7.84	131	0	NC
pH	Units	S12C	WCA-3	Outflow	7.29	0.17	7.18	7.26	7.38	6.83	7.95	132	0	NC
pH	Units	S12D	WCA-3	Outflow	7.32	0.16	7.24	7.31	7.39	6.77	8.07	142	0	NC
pH	Units	S197	WCA-3	Outflow	7.43	0.44	6.98	7.48	7.79	6.68	8.05	19	0	--
pH	Units	S31	WCA-3	Outflow	7.32	0.22	7.17	7.29	7.45	6.68	8.12	43	0	NC
pH	Units	S333	WCA-3	Outflow	7.36	0.18	7.26	7.34	7.43	6.82	8.06	139	0	NC
pH	Units	S334	WCA-3	Outflow	7.45	0.30	7.27	7.42	7.59	6.53	8.27	76	0	NC
pH	Units	S344	WCA-3	Outflow	7.23	0.24	7.08	7.24	7.35	6.81	7.76	18	0	--
pH	Units	S355A	WCA-3	Outflow	7.64	0.39	7.42	7.56	7.78	7.10	9.04	55	5.5±5.0	MC
pH	Units	S355B	WCA-3	Outflow	7.48	0.31	7.28	7.45	7.56	6.89	8.29	55	0	NC
pH	Units	US41-25	WCA-3	Outflow	7.23	0.16	7.13	7.21	7.32	6.76	7.76	129	0	NC
pH	Units	S12A	Park	Inflow	7.31	0.20	7.17	7.30	7.42	6.84	7.92	133	0	NC
pH	Units	S12B	Park	Inflow	7.32	0.21	7.22	7.35	7.43	6.16	7.84	131	0	NC
pH	Units	S12C	Park	Inflow	7.29	0.17	7.18	7.26	7.38	6.83	7.95	132	0	NC
pH	Units	S12D	Park	Inflow	7.32	0.16	7.24	7.31	7.39	6.77	8.07	142	0	NC
pH	Units	S175	Park	Inflow	7.50	0.23	7.30	7.48	7.67	6.73	8.09	153	0	NC
pH	Units	S18C	Park	Inflow	7.52	0.33	7.21	7.52	7.83	6.89	8.21	169	0	NC
pH	Units	S332	Park	Inflow	7.45	0.22	7.30	7.44	7.60	6.60	8.00	166	0	NC
pH	Units	S332D	Park	Inflow	7.31	0.25	7.14	7.28	7.50	6.44	8.12	235	0	NC
pH	Units	S333	Park	Inflow	7.36	0.18	7.26	7.34	7.43	6.82	8.06	139	0	NC
pH	Units	S355A	Park	Inflow	7.64	0.39	7.42	7.56	7.78	7.10	9.04	55	5.5±5.0	MC
pH	Units	S355B	Park	Inflow	7.48	0.31	7.28	7.45	7.56	6.89	8.29	55	0	NC
pH	Units	T0E	Park	Inflow	7.38	0.19	7.26	7.39	7.49	7.08	7.71	12	0	--
pH	Units	T0W	Park	Inflow	7.40	0.14	7.28	7.39	7.50	7.16	7.61	12	0	--
pH	Units	EP	Park	Interior	7.99	0.16	7.88	7.98	8.11	7.52	8.37	41	0	NC

Variable	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	NE1	Park	Interior	7.26	0.41	7.19	7.32	7.41	4.45	7.63	57	1.8±2.9	MC
pH	Units	NP201	Park	Interior	7.69	0.23	7.56	7.70	7.83	6.74	8.13	54	0	NC
pH	Units	P33	Park	Interior	7.49	0.17	7.36	7.50	7.61	7.20	7.88	57	0	NC
pH	Units	P34	Park	Interior	7.87	0.17	7.76	7.85	7.97	7.46	8.20	43	0	NC
pH	Units	P35	Park	Interior	7.50	0.17	7.37	7.48	7.60	7.13	7.82	40	0	NC
pH	Units	P36	Park	Interior	7.57	0.20	7.41	7.54	7.75	7.23	7.99	57	0	NC
pH	Units	P37	Park	Interior	7.99	0.33	7.74	7.99	8.24	7.22	8.56	41	4.9±5.5	MC
pH	Units	T05E	Park	Interior	7.42	0.15	7.32	7.36	7.48	7.29	7.72	10	0	--
pH	Units	T05W	Park	Interior	7.37	0.07	7.31	7.34	7.45	7.29	7.46	9	0	--
pH	Units	T10E	Park	Interior	7.55	0.10	7.48	7.50	7.67	7.45	7.72	7	0	--
pH	Units	T10W	Park	Interior	7.48	0.12	7.38	7.45	7.60	7.32	7.67	9	0	--
pH	Units	T15E	Park	Interior	7.46	0.12	7.40	7.45	7.58	7.25	7.62	8	0	--
pH	Units	T15W	Park	Interior	7.64	0.04	7.59	7.64	7.68	7.58	7.70	8	0	--
pH	Units	T23	Park	Interior	7.63	0.06	7.58	7.63	7.67	7.58	7.74	8	0	--
pH	Units	T24	Park	Interior	7.62	0.07	7.56	7.61	7.70	7.53	7.73	8	0	--
pH	Units	T33	Park	Interior	7.35	0.30	7.33	7.38	7.44	6.52	7.80	12	0	--
pH	Units	T34	Park	Interior	7.52	0.06	7.46	7.52	7.54	7.43	7.64	10	0	--
pH	Units	TNMESO	Park	Interior	7.53	0.17	7.46	7.59	7.65	7.09	7.68	12	0	--
pH	Units	TSB	Park	Interior	7.50	0.27	7.33	7.45	7.62	7.00	8.20	46	0	NC
pH	Units	TSMESO	Park	Interior	7.73	0.31	7.51	7.74	8.06	7.20	8.15	11	0	--
Specific Conductance	µmhos/cm	ACME1DS	Refuge	Inflow	702	192	588	696	816	209	1217	69	0	NC
Specific Conductance	µmhos/cm	G251	Refuge	Inflow	1063	178	944	1088	1193	579	1511	296	9.8±2.8	PC
Specific Conductance	µmhos/cm	G300	Refuge	Inflow	894	269	671	882	1051	441	1361	16	6.3±10.0	--
Specific Conductance	µmhos/cm	G301	Refuge	Inflow	967	284	785	1011	1184	490	1369	10	10.0±15.6	--
Specific Conductance	µmhos/cm	G310	Refuge	Inflow	1071	181	987	1102	1204	591	1467	204	7.4±3.0	PC
Specific Conductance	µmhos/cm	G94D	Refuge	Inflow	603	182	493	550	720	225	1219	70	0	NC
Specific Conductance	µmhos/cm	S5A	Refuge	Inflow	932	360	564	950	1247	433	1603	68	19.1±7.8	C
Specific Conductance	µmhos/cm	S5AS	Refuge	Inflow	766	297	508	711	1081	472	1237	9	0	--
Specific Conductance	µmhos/cm	S6	Refuge	Inflow	968	280	709	1037	1194	475	1412	99	13.1±5.6	PC
Specific Conductance	µmhos/cm	S5AD	Refuge	Rim	926	356	569	929	1213	429	1564	35	20.0±11.1	C

Variable	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	S6D	Refuge	Rim	981	206	852	1014	1165	594	1367	31	3.2±5.2	MC
Specific Conductance	µmhos/cm	X0	Refuge	Rim	927	212	778	911	1050	444	1432	62	6.5±5.1	MC
Specific Conductance	µmhos/cm	Z0	Refuge	Rim	919	232	765	893	1051	392	1505	62	6.5±5.1	MC
Specific Conductance	µmhos/cm	LOX10	Refuge	Interior	452	235	228	366	613	179	1030	39	0	NC
Specific Conductance	µmhos/cm	LOX11	Refuge	Interior	100	40	73	94	116	47	272	57	0	NC
Specific Conductance	µmhos/cm	LOX12	Refuge	Interior	376	226	218	257	598	122	898	62	0	NC
Specific Conductance	µmhos/cm	LOX13	Refuge	Interior	89	33	64	84	106	47	244	50	0	NC
Specific Conductance	µmhos/cm	LOX14	Refuge	Interior	157	138	86	100	158	66	757	59	0	NC
Specific Conductance	µmhos/cm	LOX15	Refuge	Interior	492	263	240	433	741	145	1009	60	0	NC
Specific Conductance	µmhos/cm	LOX16	Refuge	Interior	139	72	84	122	165	65	442	57	0	NC
Specific Conductance	µmhos/cm	LOX3	Refuge	Interior	117	37	92	106	139	70	222	30	0	NC
Specific Conductance	µmhos/cm	LOX4	Refuge	Interior	531	253	271	597	748	198	1075	42	0	NC
Specific Conductance	µmhos/cm	LOX5	Refuge	Interior	107	26	87	99	125	68	166	39	0	NC
Specific Conductance	µmhos/cm	LOX6	Refuge	Interior	324	187	179	300	404	102	893	56	0	NC
Specific Conductance	µmhos/cm	LOX7	Refuge	Interior	128	44	98	112	150	59	258	54	0	NC
Specific Conductance	µmhos/cm	LOX8	Refuge	Interior	112	40	81	104	129	52	230	55	0	NC
Specific Conductance	µmhos/cm	LOX9	Refuge	Interior	152	84	107	125	162	77	482	44	0	NC
Specific Conductance	µmhos/cm	X1	Refuge	Interior	919	194	803	930	1061	447	1279	54	1.9±3.0	MC
Specific Conductance	µmhos/cm	X2	Refuge	Interior	802	207	661	840	982	329	1150	53	0	NC
Specific Conductance	µmhos/cm	X3	Refuge	Interior	686	221	502	691	862	231	1126	53	0	NC
Specific Conductance	µmhos/cm	X4	Refuge	Interior	427	186	287	382	567	183	892	54	0	NC
Specific Conductance	µmhos/cm	Y4	Refuge	Interior	471	214	291	403	663	143	939	54	0	NC
Specific Conductance	µmhos/cm	Z1	Refuge	Interior	906	200	797	954	1031	396	1270	53	0	NC
Specific Conductance	µmhos/cm	Z2	Refuge	Interior	811	166	734	850	914	298	1057	50	0	NC
Specific Conductance	µmhos/cm	Z3	Refuge	Interior	596	202	437	553	772	230	1041	58	0	NC
Specific Conductance	µmhos/cm	Z4	Refuge	Interior	373	207	237	288	564	8	842	58	0	NC
Specific Conductance	µmhos/cm	G94B	Refuge	Outflow	605	223	442	578	735	168	1140	60	0	NC
Specific Conductance	µmhos/cm	S10A	Refuge	Outflow	686	186	540	684	839	301	1083	34	0	NC
Specific Conductance	µmhos/cm	S10C	Refuge	Outflow	807	209	650	795	1010	322	1242	32	0	NC
Specific Conductance	µmhos/cm	S10D	Refuge	Outflow	931	210	790	925	1064	388	1288	67	4.5±4.2	MC

Variable	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	S10E	Refuge	Outflow	969	208	786	996	1147	524	1396	58	6.9±5.5	MC
Specific Conductance	µmhos/cm	S39	Refuge	Outflow	711	224	543	711	862	160	1344	85	2.4±2.7	MC
Specific Conductance	µmhos/cm	E0	WCA-2	Inflow	982	175	844	984	1128	628	1388	57	3.5±4.0	MC
Specific Conductance	µmhos/cm	F0	WCA-2	Inflow	1008	156	907	1015	1120	641	1375	58	3.4±3.9	MC
Specific Conductance	µmhos/cm	G335	WCA-2	Inflow	1238	167	1165	1277	1341	689	1529	186	50.5±6.0	C
Specific Conductance	µmhos/cm	G339	WCA-2	Inflow	1176	--	--	1176	--	1176	1176	1	0	--
Specific Conductance	µmhos/cm	S10A	WCA-2	Inflow	686	186	540	684	839	301	1083	34	0	NC
Specific Conductance	µmhos/cm	S10C	WCA-2	Inflow	807	209	650	795	1010	322	1242	32	0	NC
Specific Conductance	µmhos/cm	S10D	WCA-2	Inflow	931	210	790	925	1064	388	1288	67	4.5±4.2	MC
Specific Conductance	µmhos/cm	S10E	WCA-2	Inflow	969	208	786	996	1147	524	1396	58	6.9±5.5	MC
Specific Conductance	µmhos/cm	S38B	WCA-2	Inflow	807	239	605	816	1020	451	1184	22	0	--
Specific Conductance	µmhos/cm	S7	WCA-2	Inflow	981	239	793	1028	1163	443	1466	139	10.1±4.2	PC
Specific Conductance	µmhos/cm	CA215	WCA-2	Interior	923	225	757	937	1090	399	1385	111	4.5±3.2	MC
Specific Conductance	µmhos/cm	CA27	WCA-2	Interior	861	345	594	968	1161	159	1402	95	4.2±3.4	MC
Specific Conductance	µmhos/cm	CA28	WCA-2	Interior	1170	350	892	1179	1375	485	2069	83	37.3±8.7	C
Specific Conductance	µmhos/cm	CA29	WCA-2	Interior	854	280	648	858	1071	252	1477	108	6.5±3.9	MC
Specific Conductance	µmhos/cm	E1	WCA-2	Interior	1032	325	831	1007	1188	606	2530	42	14.3±8.9	PC
Specific Conductance	µmhos/cm	E2	WCA-2	Interior	897	180	754	924	1017	544	1243	38	0	NC
Specific Conductance	µmhos/cm	E3	WCA-2	Interior	884	169	756	877	1023	526	1229	40	0	NC
Specific Conductance	µmhos/cm	E4	WCA-2	Interior	777	147	682	811	879	447	1048	45	0	NC
Specific Conductance	µmhos/cm	E5	WCA-2	Interior	764	163	651	778	902	402	1014	47	0	NC
Specific Conductance	µmhos/cm	F1	WCA-2	Interior	1269	441	1008	1129	1423	620	2857	126	36.5±7.1	C
Specific Conductance	µmhos/cm	F2	WCA-2	Interior	1087	325	870	1055	1235	421	2376	143	20.3±5.5	C
Specific Conductance	µmhos/cm	F3	WCA-2	Interior	1005	332	773	897	1191	404	2108	50	20.0±9.3	C
Specific Conductance	µmhos/cm	F4	WCA-2	Interior	945	251	772	910	1106	351	1666	144	11.8±4.4	PC
Specific Conductance	µmhos/cm	F5	WCA-2	Interior	887	231	724	854	1010	223	1492	51	5.9±5.4	MC
Specific Conductance	µmhos/cm	S144	WCA-2	Interior	782	226	592	813	948	322	1284	37	2.7±4.4	MC
Specific Conductance	µmhos/cm	S145	WCA-2	Interior	755	206	560	778	927	273	1176	83	0	NC
Specific Conductance	µmhos/cm	S146	WCA-2	Interior	707	255	509	758	901	273	1277	35	2.9±4.6	MC
Specific Conductance	µmhos/cm	U1	WCA-2	Interior	688	162	549	720	805	430	1121	49	0	NC

Variable	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	U2	WCA-2	Interior	783	172	668	823	915	415	1098	46	0	NC
Specific Conductance	µmhos/cm	U3	WCA-2	Interior	852	207	689	880	977	423	1238	50	0	NC
Specific Conductance	µmhos/cm	S11A	WCA-2	Outflow	815	197	663	798	967	472	1317	75	1.3±2.2	MC
Specific Conductance	µmhos/cm	S11B	WCA-2	Outflow	785	189	666	741	925	503	1275	37	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-2	Outflow	907	192	730	907	1058	559	1261	73	0	NC
Specific Conductance	µmhos/cm	S34	WCA-2	Outflow	785	162	668	781	892	413	1218	79	0	NC
Specific Conductance	µmhos/cm	S38	WCA-2	Outflow	716	206	540	736	894	300	1227	75	0	NC
Specific Conductance	µmhos/cm	3AE0	WCA-3	Inflow	469	86	400	476	527	277	636	36	0	NC
Specific Conductance	µmhos/cm	3AW0	WCA-3	Inflow	468	92	384	478	529	279	647	37	0	NC
Specific Conductance	µmhos/cm	C123SR84	WCA-3	Inflow	637	134	567	627	702	106	1160	78	0	NC
Specific Conductance	µmhos/cm	G123	WCA-3	Inflow	819	137	705	833	909	432	1198	123	0	NC
Specific Conductance	µmhos/cm	G204	WCA-3	Inflow	726	142	624	704	779	553	1076	15	0	--
Specific Conductance	µmhos/cm	G205	WCA-3	Inflow	742	150	608	766	835	487	998	18	0	--
Specific Conductance	µmhos/cm	G206	WCA-3	Inflow	643	136	551	641	766	379	858	17	0	--
Specific Conductance	µmhos/cm	L3	WCA-3	Inflow	505	102	452	522	589	294	650	30	0	NC
Specific Conductance	µmhos/cm	S11A	WCA-3	Inflow	815	197	663	798	967	472	1317	75	1.3±2.2	MC
Specific Conductance	µmhos/cm	S11B	WCA-3	Inflow	785	189	666	741	925	503	1275	37	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-3	Inflow	907	192	730	907	1058	559	1261	73	0	NC
Specific Conductance	µmhos/cm	S140	WCA-3	Inflow	555	152	434	552	684	4	833	139	0	NC
Specific Conductance	µmhos/cm	S142	WCA-3	Inflow	817	148	705	814	909	425	1167	91	0	NC
Specific Conductance	µmhos/cm	S150	WCA-3	Inflow	847	264	623	817	1082	430	1558	117	5.1±3.4	MC
Specific Conductance	µmhos/cm	S151	WCA-3	Inflow	709	108	637	710	791	374	914	84	0	NC
Specific Conductance	µmhos/cm	S190	WCA-3	Inflow	534	105	487	557	604	252	720	83	0	NC
Specific Conductance	µmhos/cm	S8	WCA-3	Inflow	740	147	651	751	843	9	1108	274	0	NC
Specific Conductance	µmhos/cm	S9	WCA-3	Inflow	734	59	699	740	770	448	939	257	0	NC
Specific Conductance	µmhos/cm	3AE05	WCA-3	Interior	467	89	403	473	534	270	602	23	0	--
Specific Conductance	µmhos/cm	3AE10	WCA-3	Interior	458	78	408	482	516	261	564	26	0	--
Specific Conductance	µmhos/cm	3AE15	WCA-3	Interior	447	79	384	456	507	264	571	30	0	NC
Specific Conductance	µmhos/cm	3AE20	WCA-3	Interior	437	80	374	452	505	253	575	34	0	NC
Specific Conductance	µmhos/cm	3AE40	WCA-3	Interior	405	78	360	403	454	217	594	32	0	NC

Variable	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	3ANMESO	WCA-3	Interior	386	79	344	380	445	204	598	38	0	NC
Specific Conductance	µmhos/cm	3ASMESO	WCA-3	Interior	335	75	284	341	386	159	529	38	0	NC
Specific Conductance	µmhos/cm	3AW05	WCA-3	Interior	480	85	402	496	542	322	620	20	0	--
Specific Conductance	µmhos/cm	3AW10	WCA-3	Interior	470	78	424	493	525	269	590	30	0	NC
Specific Conductance	µmhos/cm	3AW15	WCA-3	Interior	423	110	374	453	504	60	555	30	0	NC
Specific Conductance	µmhos/cm	3AW20	WCA-3	Interior	406	84	356	402	463	224	546	32	0	NC
Specific Conductance	µmhos/cm	3AW30	WCA-3	Interior	336	64	--	336	--	291	381	2	0	--
Specific Conductance	µmhos/cm	3AW40	WCA-3	Interior	367	83	295	365	431	205	518	35	0	NC
Specific Conductance	µmhos/cm	CA311	WCA-3	Interior	363	90	305	361	428	149	614	108	0	NC
Specific Conductance	µmhos/cm	CA315	WCA-3	Interior	306	85	251	300	341	1	638	117	0	NC
Specific Conductance	µmhos/cm	CA316	WCA-3	Interior	626	164	487	614	746	360	974	85	0	NC
Specific Conductance	µmhos/cm	CA317	WCA-3	Interior	582	91	518	570	637	427	997	99	0	NC
Specific Conductance	µmhos/cm	CA318	WCA-3	Interior	576	98	529	575	625	2	754	92	0	NC
Specific Conductance	µmhos/cm	CA32	WCA-3	Interior	456	180	342	400	596	210	1202	81	0	NC
Specific Conductance	µmhos/cm	CA33	WCA-3	Interior	632	175	511	624	738	319	1150	85	0	NC
Specific Conductance	µmhos/cm	CA34	WCA-3	Interior	567	116	505	582	642	231	773	79	0	NC
Specific Conductance	µmhos/cm	CA35	WCA-3	Interior	543	148	430	515	650	282	876	58	0	NC
Specific Conductance	µmhos/cm	CA36	WCA-3	Interior	786	133	710	777	849	471	1153	55	0	NC
Specific Conductance	µmhos/cm	CA38	WCA-3	Interior	415	91	346	412	482	238	639	90	0	NC
Specific Conductance	µmhos/cm	S12A	WCA-3	Outflow	296	88	239	281	336	148	630	133	0	NC
Specific Conductance	µmhos/cm	S12B	WCA-3	Outflow	325	96	255	310	366	159	682	132	0	NC
Specific Conductance	µmhos/cm	S12C	WCA-3	Outflow	375	112	290	341	466	154	666	132	0	NC
Specific Conductance	µmhos/cm	S12D	WCA-3	Outflow	465	141	328	506	589	239	747	143	0	NC
Specific Conductance	µmhos/cm	S197	WCA-3	Outflow	504	65	471	488	508	398	663	19	0	--
Specific Conductance	µmhos/cm	S31	WCA-3	Outflow	687	81	627	678	739	524	882	43	0	NC
Specific Conductance	µmhos/cm	S333	WCA-3	Outflow	530	108	451	541	619	254	813	140	0	NC
Specific Conductance	µmhos/cm	S334	WCA-3	Outflow	508	74	459	514	559	328	683	77	0	NC
Specific Conductance	µmhos/cm	S344	WCA-3	Outflow	273	76	206	271	344	133	410	17	0	--
Specific Conductance	µmhos/cm	S355A	WCA-3	Outflow	344	105	254	329	445	170	554	56	0	NC
Specific Conductance	µmhos/cm	S355B	WCA-3	Outflow	373	98	280	381	450	190	584	56	0	NC

Variable	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	US41-25	WCA-3	Outflow	360	93	291	367	430	161	549	129	0	NC
Specific Conductance	µmhos/cm	S12A	Park	Inflow	296	88	239	281	336	148	630	133	0	NC
Specific Conductance	µmhos/cm	S12B	Park	Inflow	325	96	255	310	366	159	682	132	0	NC
Specific Conductance	µmhos/cm	S12C	Park	Inflow	375	112	290	341	466	154	666	132	0	NC
Specific Conductance	µmhos/cm	S12D	Park	Inflow	465	141	328	506	589	239	747	143	0	NC
Specific Conductance	µmhos/cm	S175	Park	Inflow	526	333	464	495	526	5	4425	145	0.7±1.1	MC
Specific Conductance	µmhos/cm	S18C	Park	Inflow	514	34	495	508	524	446	694	160	0	NC
Specific Conductance	µmhos/cm	S332	Park	Inflow	498	70	468	499	523	5	700	158	0	NC
Specific Conductance	µmhos/cm	S332D	Park	Inflow	547	51	513	535	568	396	725	226	0	NC
Specific Conductance	µmhos/cm	S333	Park	Inflow	530	108	451	541	619	254	813	140	0	NC
Specific Conductance	µmhos/cm	S355A	Park	Inflow	344	105	254	329	445	170	554	56	0	NC
Specific Conductance	µmhos/cm	S355B	Park	Inflow	373	98	280	381	450	190	584	56	0	NC
Specific Conductance	µmhos/cm	T0E	Park	Inflow	484	51	444	490	526	396	562	12	0	--
Specific Conductance	µmhos/cm	T0W	Park	Inflow	487	53	445	490	531	398	562	12	0	--
Specific Conductance	µmhos/cm	EP	Park	Interior	551	169	479	512	598	249	1405	41	2.4±4.0	MC
Specific Conductance	µmhos/cm	NE1	Park	Interior	478	134	390	491	567	140	717	56	0	NC
Specific Conductance	µmhos/cm	NP201	Park	Interior	476	130	406	469	529	261	1156	54	0	NC
Specific Conductance	µmhos/cm	P33	Park	Interior	485	92	415	501	549	243	699	56	0	NC
Specific Conductance	µmhos/cm	P34	Park	Interior	296	85	238	271	333	197	556	43	0	NC
Specific Conductance	µmhos/cm	P35	Park	Interior	448	157	337	424	509	267	1016	40	0	NC
Specific Conductance	µmhos/cm	P36	Park	Interior	471	118	363	439	557	304	783	57	0	NC
Specific Conductance	µmhos/cm	P37	Park	Interior	323	104	244	290	388	179	597	41	0	NC
Specific Conductance	µmhos/cm	T05E	Park	Interior	475	115	442	496	538	216	631	10	0	--
Specific Conductance	µmhos/cm	T05W	Park	Interior	458	105	440	480	522	216	560	8	0	--
Specific Conductance	µmhos/cm	T10E	Park	Interior	454	101	425	480	508	244	561	7	0	--
Specific Conductance	µmhos/cm	T10W	Park	Interior	471	97	447	482	525	243	594	9	0	--
Specific Conductance	µmhos/cm	T15E	Park	Interior	442	96	398	463	520	243	533	8	0	--
Specific Conductance	µmhos/cm	T15W	Park	Interior	419	79	401	437	474	240	489	8	0	--
Specific Conductance	µmhos/cm	T23	Park	Interior	362	88	328	377	429	174	461	8	0	--
Specific Conductance	µmhos/cm	T24	Park	Interior	302	92	253	275	404	172	436	8	0	--

Variable	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	T33	Park	Interior	350	85	292	311	432	250	490	12	0	--
Specific Conductance	µmhos/cm	T34	Park	Interior	316	77	246	311	404	213	429	10	0	--
Specific Conductance	µmhos/cm	TNMESO	Park	Interior	321	92	248	313	396	190	519	12	0	--
Specific Conductance	µmhos/cm	TSB	Park	Interior	414	99	352	429	492	143	609	46	0	NC
Specific Conductance	µmhos/cm	TSMESO	Park	Interior	295	82	203	300	370	170	405	11	0	--
Sulfate	mg/L	ACME1DS	Refuge	Inflow	27	18	13	23	41	3.3	68	21		N/A
Sulfate	mg/L	G251	Refuge	Inflow	61	26	45	56	73	30	231	131		N/A
Sulfate	mg/L	G310	Refuge	Inflow	65	21	49	60	76	29	123	99		N/A
Sulfate	mg/L	G94D	Refuge	Inflow	26	15	16	22	39	3.2	65	21		N/A
Sulfate	mg/L	S5A	Refuge	Inflow	59	26	36	54	77	18	111	27		N/A
Sulfate	mg/L	S5AS	Refuge	Inflow	47	21	32	41	69	31	77	4		N/A
Sulfate	mg/L	S6	Refuge	Inflow	48	28	39	45	55	<0.1	107	9		N/A
Sulfate	mg/L	S5AD	Refuge	Rim	58	29	34	52	80	14	110	34		N/A
Sulfate	mg/L	S6D	Refuge	Rim	58	21	44	52	66	33	120	31		N/A
Sulfate	mg/L	X0	Refuge	Rim	58	22	44	55	73	16	120	63		N/A
Sulfate	mg/L	Z0	Refuge	Rim	59	24	41	53	70	16	120	62		N/A
Sulfate	mg/L	LOX10	Refuge	Interior	17	23	2.5	7.2	23	1.5	110	31		N/A
Sulfate	mg/L	LOX11	Refuge	Interior	0.5	1.0	<0.1	0.1	0.3	<0.1	4.9	43		N/A
Sulfate	mg/L	LOX12	Refuge	Interior	8.9	12	1.5	2.8	9.9	<0.1	49	55		N/A
Sulfate	mg/L	LOX13	Refuge	Interior	0.5	1.1	<0.1	0.1	0.4	<0.1	4.5	36		N/A
Sulfate	mg/L	LOX14	Refuge	Interior	3.6	8.1	0.4	1.0	2.4	0.1	42	48		N/A
Sulfate	mg/L	LOX15	Refuge	Interior	24	20	5.3	16	40	2.1	71	51		N/A
Sulfate	mg/L	LOX16	Refuge	Interior	1.7	3.5	0.4	0.7	1.4	0.1	20	49		N/A
Sulfate	mg/L	LOX3	Refuge	Interior	0.2	0.2	0.1	0.2	0.4	<0.1	0.6	13		N/A
Sulfate	mg/L	LOX4	Refuge	Interior	16	21	1.6	6.5	22	0.9	81	32		N/A
Sulfate	mg/L	LOX5	Refuge	Interior	0.2	0.2	<0.1	0.1	0.2	<0.1	0.8	19		N/A
Sulfate	mg/L	LOX6	Refuge	Interior	9.9	14	1.1	3.0	12	0.4	57	45		N/A
Sulfate	mg/L	LOX7	Refuge	Interior	0.3	0.2	0.1	0.2	0.4	<0.1	1.1	42		N/A
Sulfate	mg/L	LOX8	Refuge	Interior	0.3	0.7	<0.1	0.1	0.2	<0.1	3.9	46		N/A
Sulfate	mg/L	LOX9	Refuge	Interior	1.0	2.6	<0.1	0.2	0.4	<0.1	12	28		N/A

Variable	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	X1	Refuge	Interior	56	23	39	58	72	11	110	55	N/A	
Sulfate	mg/L	X2	Refuge	Interior	40	23	19	46	60	5.1	91	54	N/A	
Sulfate	mg/L	X3	Refuge	Interior	30	20	13	24	46	3.0	72	54	N/A	
Sulfate	mg/L	X4	Refuge	Interior	8.0	9.0	1.8	4.0	13	0.8	40	55	N/A	
Sulfate	mg/L	Y4	Refuge	Interior	13	12	4.0	6.5	21	1.6	45	55	N/A	
Sulfate	mg/L	Z1	Refuge	Interior	53	19	41	54	64	12	91	56	N/A	
Sulfate	mg/L	Z2	Refuge	Interior	41	18	27	42	53	8.2	86	52	N/A	
Sulfate	mg/L	Z3	Refuge	Interior	21	15	8.8	16	33	3.5	63	60	N/A	
Sulfate	mg/L	Z4	Refuge	Interior	8.1	11	1.7	3.0	9.6	0.7	40	58	N/A	
Sulfate	mg/L	G94B	Refuge	Outflow	27	16	13	26	44	1.4	57	20	N/A	
Sulfate	mg/L	S10A	Refuge	Outflow	36	16	21	34	51	13	65	21	N/A	
Sulfate	mg/L	S10C	Refuge	Outflow	51	22	38	43	63	15	99	21	N/A	
Sulfate	mg/L	S10D	Refuge	Outflow	59	22	42	54	72	16	98	21	N/A	
Sulfate	mg/L	S10E	Refuge	Outflow	56	21	41	53	67	16	98	19	N/A	
Sulfate	mg/L	S39	Refuge	Outflow	38	18	23	40	45	11	83	23	N/A	
Sulfate	mg/L	E0	WCA-2	Inflow	49	23	32	42	60	21	140	59	N/A	
Sulfate	mg/L	F0	WCA-2	Inflow	50	23	33	44	62	21	140	59	N/A	
Sulfate	mg/L	G335	WCA-2	Inflow	57	19	49	55	70	8.0	106	74	N/A	
Sulfate	mg/L	G339	WCA-2	Inflow	90	--	--	90	--	90	90	1	N/A	
Sulfate	mg/L	S10A	WCA-2	Inflow	36	16	21	34	51	13	65	21	N/A	
Sulfate	mg/L	S10C	WCA-2	Inflow	51	22	38	43	63	15	99	21	N/A	
Sulfate	mg/L	S10D	WCA-2	Inflow	59	22	42	54	72	16	98	21	N/A	
Sulfate	mg/L	S10E	WCA-2	Inflow	56	21	41	53	67	16	98	19	N/A	
Sulfate	mg/L	S38B	WCA-2	Inflow	40	16	26	38	51	21	74	17	N/A	
Sulfate	mg/L	S7	WCA-2	Inflow	36	12	29	34	48	16	57	23	N/A	
Sulfate	mg/L	CA215	WCA-2	Interior	36	27	14	30	58	5.6	180	87	N/A	
Sulfate	mg/L	CA27	WCA-2	Interior	37	21	21	39	45	2.1	94	69	N/A	
Sulfate	mg/L	CA28	WCA-2	Interior	52	25	36	50	67	8.1	121	58	N/A	
Sulfate	mg/L	CA29	WCA-2	Interior	27	19	11	23	37	3.7	83	76	N/A	
Sulfate	mg/L	E1	WCA-2	Interior	38	21	22	34	44	9.1	90	44	N/A	

Variable	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	E2	WCA-2	Interior	37	21	20	33	44	9.6	110	38	N/A	
Sulfate	mg/L	E3	WCA-2	Interior	36	19	20	32	46	13	86	40	N/A	
Sulfate	mg/L	E4	WCA-2	Interior	66	207	25	33	44	9.1	1400	44	N/A	
Sulfate	mg/L	E5	WCA-2	Interior	32	21	18	28	41	7.8	130	46	N/A	
Sulfate	mg/L	F1	WCA-2	Interior	42	24	20	40	60	8.3	100	97	N/A	
Sulfate	mg/L	F2	WCA-2	Interior	40	22	18	40	58	7.3	100	125	N/A	
Sulfate	mg/L	F3	WCA-2	Interior	34	21	15	33	48	6.9	82	50	N/A	
Sulfate	mg/L	F4	WCA-2	Interior	37	21	17	36	52	5.9	100	121	N/A	
Sulfate	mg/L	F5	WCA-2	Interior	36	22	16	36	51	7.5	100	50	N/A	
Sulfate	mg/L	S144	WCA-2	Interior	32	15	17	38	40	10	58	11	N/A	
Sulfate	mg/L	S145	WCA-2	Interior	30	15	20	30	41	7.8	63	22	N/A	
Sulfate	mg/L	S146	WCA-2	Interior	29	19	9.7	29	39	5.5	67	10	N/A	
Sulfate	mg/L	U1	WCA-2	Interior	29	14	17	27	39	11	64	49	N/A	
Sulfate	mg/L	U2	WCA-2	Interior	34	19	19	30	49	7.9	88	46	N/A	
Sulfate	mg/L	U3	WCA-2	Interior	35	25	14	34	53	4.5	110	50	N/A	
Sulfate	mg/L	S11A	WCA-2	Outflow	31	13	19	28	44	15	61	21	N/A	
Sulfate	mg/L	S11B	WCA-2	Outflow	34	17	19	30	48	10	72	20	N/A	
Sulfate	mg/L	S11C	WCA-2	Outflow	36	16	24	32	53	16	73	20	N/A	
Sulfate	mg/L	S34	WCA-2	Outflow	20	13	7.6	17	35	3.1	41	21	N/A	
Sulfate	mg/L	S38	WCA-2	Outflow	27	14	18	23	35	2.3	70	22	N/A	
Sulfate	mg/L	3AE0	WCA-3	Inflow	8.0	2.5	6.1	8.1	10	1.8	12	38	N/A	
Sulfate	mg/L	3AW0	WCA-3	Inflow	7.9	2.1	6.1	8.2	9.7	3.7	12	38	N/A	
Sulfate	mg/L	C123SR84	WCA-3	Inflow	19	13	9.5	14	25	3.3	49	20	N/A	
Sulfate	mg/L	G123	WCA-3	Inflow	14	14	2.3	8.4	28	1.1	40	19	N/A	
Sulfate	mg/L	L3	WCA-3	Inflow	12	5.8	6.8	11	18	6.7	19	4	N/A	
Sulfate	mg/L	S11A	WCA-3	Inflow	31	13	19	28	44	15	61	21	N/A	
Sulfate	mg/L	S11B	WCA-3	Inflow	34	17	19	30	48	10	72	20	N/A	
Sulfate	mg/L	S11C	WCA-3	Inflow	36	16	24	32	53	16	73	20	N/A	
Sulfate	mg/L	S140	WCA-3	Inflow	9.2	5.2	6.0	8.1	10	1.2	21	22	N/A	
Sulfate	mg/L	S142	WCA-3	Inflow	22	12	12	18	30	7.4	48	25	N/A	

Variable	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	S150	WCA-3	Inflow	30	14	17	28	42	10	60	21	N/A	
Sulfate	mg/L	S151	WCA-3	Inflow	18	9.4	10	17	26	4.5	40	22	N/A	
Sulfate	mg/L	S190	WCA-3	Inflow	9.1	2.8	6.8	8.5	11	4.0	14	22	N/A	
Sulfate	mg/L	S8	WCA-3	Inflow	36	14	28	36	43	10	63	23	N/A	
Sulfate	mg/L	S9	WCA-3	Inflow	3.0	1.4	1.9	2.6	3.9	0.8	5.7	20	N/A	
Sulfate	mg/L	3AE05	WCA-3	Interior	4.5	2.0	3.4	4.0	5.8	1.2	9.3	23	N/A	
Sulfate	mg/L	3AE10	WCA-3	Interior	3.4	2.1	1.4	3.3	4.4	1.0	8.0	26	N/A	
Sulfate	mg/L	3AE15	WCA-3	Interior	5.1	13	1.2	2.7	5.0	0.6	71	30	N/A	
Sulfate	mg/L	3AE20	WCA-3	Interior	3.3	4.7	1.2	2.4	3.8	0.7	28	34	N/A	
Sulfate	mg/L	3AE40	WCA-3	Interior	1.7	1.0	0.9	1.2	2.5	0.5	4.0	32	N/A	
Sulfate	mg/L	3ANMESO	WCA-3	Interior	0.6	0.3	0.3	0.6	0.8	0.1	1.5	36	N/A	
Sulfate	mg/L	3ASMESO	WCA-3	Interior	0.4	0.3	0.1	0.3	0.6	0.1	1.5	38	N/A	
Sulfate	mg/L	3AW05	WCA-3	Interior	4.4	2.2	2.3	4.2	5.7	1.1	8.9	21	N/A	
Sulfate	mg/L	3AW10	WCA-3	Interior	7.7	22	1.6	3.2	5.5	0.9	120	29	N/A	
Sulfate	mg/L	3AW15	WCA-3	Interior	6.2	22	1.0	1.8	3.8	0.5	120	30	N/A	
Sulfate	mg/L	3AW20	WCA-3	Interior	2.6	2.4	0.9	1.9	3.6	0.4	12	31	N/A	
Sulfate	mg/L	3AW30	WCA-3	Interior	4.0	0.6	--	4.0	--	3.6	4.4	2	N/A	
Sulfate	mg/L	3AW40	WCA-3	Interior	1.3	0.9	0.6	1.0	1.8	0.1	3.4	35	N/A	
Sulfate	mg/L	CA311	WCA-3	Interior	1.5	1.8	0.8	1.2	1.6	<0.1	16	87	N/A	
Sulfate	mg/L	CA315	WCA-3	Interior	0.2	0.3	<0.1	0.1	0.3	<0.1	2.3	99	N/A	
Sulfate	mg/L	CA316	WCA-3	Interior	15	13	4.8	10	22	1.2	48	76	N/A	
Sulfate	mg/L	CA317	WCA-3	Interior	13	11	5.2	9.7	19	2.5	48	100	N/A	
Sulfate	mg/L	CA318	WCA-3	Interior	8.1	5.7	3.6	6.8	12	<0.1	28	88	N/A	
Sulfate	mg/L	CA32	WCA-3	Interior	9.5	17	1.1	2.2	10	<0.1	83	59	N/A	
Sulfate	mg/L	CA33	WCA-3	Interior	13	23	3.4	5.8	10	1.9	120	66	N/A	
Sulfate	mg/L	CA34	WCA-3	Interior	13	15	5.4	8.2	16	1.3	95	68	N/A	
Sulfate	mg/L	CA35	WCA-3	Interior	8.0	13	3.3	4.6	7.1	1.0	79	41	N/A	
Sulfate	mg/L	CA36	WCA-3	Interior	29	12	21	29	39	7.4	56	37	N/A	
Sulfate	mg/L	CA38	WCA-3	Interior	2.8	4.8	1.1	1.5	2.2	0.1	29	67	N/A	
Sulfate	mg/L	S12A	WCA-3	Outflow	0.3	0.5	<0.1	0.2	0.3	<0.1	2.0	17	N/A	

Variable	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	S12B	WCA-3	Outflow	1.9	3.2	<0.1	0.4	2.9	<0.1	11	17	N/A	
Sulfate	mg/L	S12C	WCA-3	Outflow	5.2	6.3	<0.1	2.9	8.4	<0.1	20	15	N/A	
Sulfate	mg/L	S12D	WCA-3	Outflow	7.7	6.9	0.8	7.9	12	<0.1	24	26	N/A	
Sulfate	mg/L	S197	WCA-3	Outflow	11	3.1	8.1	10	14	7.7	16	7	N/A	
Sulfate	mg/L	S31	WCA-3	Outflow	12	8.7	4.6	13	16	4.0	32	13	N/A	
Sulfate	mg/L	S333	WCA-3	Outflow	9.6	6.6	3.7	9.0	13	1.0	23	24	N/A	
Sulfate	mg/L	S334	WCA-3	Outflow	5.8	5.4	1.3	3.9	9.1	<0.1	17	17	N/A	
Sulfate	mg/L	S344	WCA-3	Outflow	0.3	0.2	0.1	0.2	0.4	<0.1	0.9	19	N/A	
Sulfate	mg/L	S355A	WCA-3	Outflow	0.7	1.4	<0.1	0.2	0.7	<0.1	5.9	17	N/A	
Sulfate	mg/L	S355B	WCA-3	Outflow	1.1	1.4	<0.1	0.5	1.8	<0.1	4.1	16	N/A	
Sulfate	mg/L	US41-25	WCA-3	Outflow	0.3	0.4	<0.1	0.2	0.5	<0.1	1.4	18	N/A	
Sulfate	mg/L	S12A	Park	Inflow	0.3	0.5	<0.1	0.2	0.3	<0.1	2.0	17	N/A	
Sulfate	mg/L	S12B	Park	Inflow	1.9	3.2	<0.1	0.4	2.9	<0.1	11	17	N/A	
Sulfate	mg/L	S12C	Park	Inflow	5.2	6.3	<0.1	2.9	8.4	<0.1	20	15	N/A	
Sulfate	mg/L	S12D	Park	Inflow	7.7	6.9	0.8	7.9	12	<0.1	24	26	N/A	
Sulfate	mg/L	S175	Park	Inflow	2.3	1.9	0.5	2.0	3.7	<0.1	6.2	17	N/A	
Sulfate	mg/L	S18C	Park	Inflow	9.7	3.7	7.5	10	12	<0.1	16	25	N/A	
Sulfate	mg/L	S332	Park	Inflow	2.7	1.7	2.0	2.3	3.9	<0.1	6.3	17	N/A	
Sulfate	mg/L	S332D	Park	Inflow	3.9	1.8	2.3	3.7	5.8	2.0	6.3	4	N/A	
Sulfate	mg/L	S333	Park	Inflow	9.6	6.6	3.7	9.0	13	1.0	23	24	N/A	
Sulfate	mg/L	S355A	Park	Inflow	0.7	1.4	<0.1	0.2	0.7	<0.1	5.9	17	N/A	
Sulfate	mg/L	S355B	Park	Inflow	1.1	1.4	<0.1	0.5	1.8	<0.1	4.1	16	N/A	
Sulfate	mg/L	T0E	Park	Inflow	1.9	1.3	0.4	2.0	3.2	0.1	3.9	13	N/A	
Sulfate	mg/L	T0W	Park	Inflow	1.8	1.3	0.3	1.9	3.0	0.1	4.0	14	N/A	
Sulfate	mg/L	EP	Park	Interior	9.0	12	4.0	5.8	7.4	1.4	61	39	N/A	
Sulfate	mg/L	NE1	Park	Interior	3.7	4.1	0.9	2.4	4.7	<0.1	20	43	N/A	
Sulfate	mg/L	NP201	Park	Interior	23	66	2.4	5.8	8.9	<0.1	403	43	N/A	
Sulfate	mg/L	P33	Park	Interior	6.2	7.9	2.2	4.3	6.3	<0.1	49	52	N/A	
Sulfate	mg/L	P34	Park	Interior	0.3	0.6	<0.1	<0.1	0.3	<0.1	2.5	26	N/A	
Sulfate	mg/L	P35	Park	Interior	2.4	3.2	0.4	0.7	4.4	<0.1	12	28	N/A	

Variable	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	P36	Park	Interior	4.0	11	0.6	1.4	3.3	0.2	69	41	N/A	
Sulfate	mg/L	P37	Park	Interior	1.0	3.1	<0.1	<0.1	0.2	<0.1	13	28	N/A	
Sulfate	mg/L	T05E	Park	Interior	5.6	8.8	2.0	3.1	3.9	1.4	32	11	N/A	
Sulfate	mg/L	T05W	Park	Interior	2.7	1.0	2.1	2.4	2.8	1.8	5.0	8	N/A	
Sulfate	mg/L	T10E	Park	Interior	2.5	1.1	1.9	2.2	3.2	1.1	4.4	7	N/A	
Sulfate	mg/L	T10W	Park	Interior	2.8	1.1	2.0	2.7	3.4	1.4	4.9	10	N/A	
Sulfate	mg/L	T15E	Park	Interior	2.1	0.7	1.4	1.9	2.8	1.3	2.9	8	N/A	
Sulfate	mg/L	T15W	Park	Interior	1.8	0.7	1.2	1.8	2.4	0.7	2.8	8	N/A	
Sulfate	mg/L	T23	Park	Interior	1.6	0.8	0.8	1.7	2.3	0.4	2.8	8	N/A	
Sulfate	mg/L	T24	Park	Interior	0.5	0.6	0.1	0.2	1.0	0.1	1.8	8	N/A	
Sulfate	mg/L	T33	Park	Interior	1.1	0.9	0.4	1.0	1.5	0.1	3.4	13	N/A	
Sulfate	mg/L	T34	Park	Interior	0.6	0.6	0.1	0.5	0.8	0.1	2.1	10	N/A	
Sulfate	mg/L	TNMESO	Park	Interior	0.4	0.5	0.1	0.1	0.4	0.1	1.9	13	N/A	
Sulfate	mg/L	TSB	Park	Interior	3.2	5.3	0.7	1.7	2.8	<0.1	26	30	N/A	
Sulfate	mg/L	TSMESO	Park	Interior	0.4	0.3	0.1	0.3	0.5	0.1	1.3	12	N/A	
Total Antimony	µg/L	G204	WCA-3	Inflow	<2.2	1.3	<2.2	<2.2	2.9	<2.2	4.1	8	0	--
Total Antimony	µg/L	G205	WCA-3	Inflow	<2.2	1.3	<2.2	<2.2	3.1	<2.2	4.3	10	0	--
Total Antimony	µg/L	G206	WCA-3	Inflow	<2.2	1.0	<2.2	<2.2	<2.2	<2.2	4.3	10	0	--
Total Antimony	µg/L	S8	WCA-3	Inflow	<2.2	1.4	<2.2	<2.2	3.0	<2.2	4.7	14	0	--
Total Arsenic	µg/L	ACME1DS	Refuge	Inflow	2.7	1.4	1.7	2.2	4.3	1.7	4.3	3	0	--
Total Arsenic	µg/L	G251	Refuge	Inflow	2.0	--	--	2.0	--	2.0	2.0	1	0	--
Total Arsenic	µg/L	G94D	Refuge	Inflow	2.4	1.4	1.6	1.6	3.9	1.6	3.9	3	0	--
Total Arsenic	µg/L	S5A	Refuge	Inflow	2.4	1.4	1.3	2.1	3.5	<1	4.9	17	0	--
Total Arsenic	µg/L	S5AS	Refuge	Inflow	2.2	0.5	--	2.2	--	1.8	2.6	2	0	--
Total Arsenic	µg/L	S6	Refuge	Inflow	2.6	1.7	<1	3.1	4.0	<1	4.0	3	0	--
Total Arsenic	µg/L	S5AD	Refuge	Rim	2.9	1.7	1.8	1.8	4.7	1.7	5.4	5	0	--
Total Arsenic	µg/L	S6D	Refuge	Rim	2.5	1.1	1.8	2.0	3.6	1.8	4.3	5	0	--
Total Arsenic	µg/L	LOX10	Refuge	Interior	1.2	1.0	--	1.2	--	<1	1.9	2	0	--
Total Arsenic	µg/L	LOX11	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Arsenic	µg/L	LOX12	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	5	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Arsenic	µg/L	LOX13	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	4	0	--
Total Arsenic	µg/L	LOX14	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	4	0	--
Total Arsenic	µg/L	LOX15	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	5	0	--
Total Arsenic	µg/L	LOX16	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	4	0	--
Total Arsenic	µg/L	LOX4	Refuge	Interior	2.2	2.3	--	2.2	--	<1	3.8	2	0	--
Total Arsenic	µg/L	LOX5	Refuge	Interior	<1	--	--	<1	--	<1	<1	1	0	--
Total Arsenic	µg/L	LOX6	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Arsenic	µg/L	LOX7	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	4	0	--
Total Arsenic	µg/L	LOX8	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	4	0	--
Total Arsenic	µg/L	LOX9	Refuge	Interior	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Arsenic	µg/L	S10A	Refuge	Outflow	1.8	1.8	<1	<1	3.8	<1	3.8	3	0	--
Total Arsenic	µg/L	S10C	Refuge	Outflow	3.2	1.2	1.8	3.5	4.2	1.8	4.2	3	0	--
Total Arsenic	µg/L	S10D	Refuge	Outflow	3.2	1.3	1.8	3.4	4.3	1.8	4.3	3	0	--
Total Arsenic	µg/L	S10E	Refuge	Outflow	3.1	0.8	2.2	3.3	3.7	2.2	3.7	3	0	--
Total Arsenic	µg/L	S39	Refuge	Outflow	2.2	1.0	1.5	1.8	3.3	1.5	3.3	3	0	--
Total Arsenic	µg/L	S10A	WCA-2	Inflow	1.8	1.8	<1	<1	3.8	<1	3.8	3	0	--
Total Arsenic	µg/L	S10C	WCA-2	Inflow	3.2	1.2	1.8	3.5	4.2	1.8	4.2	3	0	--
Total Arsenic	µg/L	S10D	WCA-2	Inflow	3.2	1.3	1.8	3.4	4.3	1.8	4.3	3	0	--
Total Arsenic	µg/L	S10E	WCA-2	Inflow	3.1	0.8	2.2	3.3	3.7	2.2	3.7	3	0	--
Total Arsenic	µg/L	S38B	WCA-2	Inflow	1.3	0.7	--	1.3	--	<1	1.8	2	0	--
Total Arsenic	µg/L	S7	WCA-2	Inflow	3.3	1.6	2.0	2.8	5.1	2.0	5.1	3	0	--
Total Arsenic	µg/L	CA215	WCA-2	Interior	2.6	2.3	1.3	1.5	4.9	1.3	6.0	4	0	--
Total Arsenic	µg/L	CA27	WCA-2	Interior	<1	0.5	<1	1.0	1.4	<1	1.4	3	0	--
Total Arsenic	µg/L	CA28	WCA-2	Interior	2.4	0.0	--	2.4	--	2.4	2.4	2	0	--
Total Arsenic	µg/L	CA29	WCA-2	Interior	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Arsenic	µg/L	F1	WCA-2	Interior	2.0	1.1	<1	2.2	2.9	<1	3.1	4	0	--
Total Arsenic	µg/L	F2	WCA-2	Interior	2.1	0.7	1.4	2.2	2.7	1.3	2.7	4	0	--
Total Arsenic	µg/L	F4	WCA-2	Interior	1.4	1.2	<1	<1	2.6	<1	3.0	4	0	--
Total Arsenic	µg/L	S144	WCA-2	Interior	1.9	1.0	<1	2.4	2.6	<1	2.6	3	0	--
Total Arsenic	µg/L	S145	WCA-2	Interior	1.6	0.8	<1	1.8	2.3	<1	2.3	3	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Arsenic	µg/L	S146	WCA-2	Interior	1.6	0.8	<1	1.9	2.2	<1	2.2	3	0	--
Total Arsenic	µg/L	S11A	WCA-2	Outflow	1.2	0.8	<1	<1	2.1	<1	2.1	3	0	--
Total Arsenic	µg/L	S11B	WCA-2	Outflow	1.2	0.7	<1	<1	2.0	<1	2.0	3	0	--
Total Arsenic	µg/L	S11C	WCA-2	Outflow	1.2	0.8	<1	<1	2.1	<1	2.1	3	0	--
Total Arsenic	µg/L	S34	WCA-2	Outflow	1.0	0.5	<1	<1	1.6	<1	1.6	3	0	--
Total Arsenic	µg/L	S38	WCA-2	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Arsenic	µg/L	C123SR84	WCA-3	Inflow	2.5	1.5	<1	3.0	3.6	<1	3.6	3	0	--
Total Arsenic	µg/L	G123	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Arsenic	µg/L	G204	WCA-3	Inflow	2.7	2.1	1.1	2.2	3.1	<1	7.2	8	0	--
Total Arsenic	µg/L	G205	WCA-3	Inflow	2.4	2.0	<1	1.9	3.9	<1	6.4	10	0	--
Total Arsenic	µg/L	G206	WCA-3	Inflow	1.7	1.8	<1	<1	2.7	<1	5.7	10	0	--
Total Arsenic	µg/L	L3	WCA-3	Inflow	1.4	0.9	--	1.4	--	<1	2.1	2	0	--
Total Arsenic	µg/L	S11A	WCA-3	Inflow	1.2	0.8	<1	<1	2.1	<1	2.1	3	0	--
Total Arsenic	µg/L	S11B	WCA-3	Inflow	1.2	0.7	<1	<1	2.0	<1	2.0	3	0	--
Total Arsenic	µg/L	S11C	WCA-3	Inflow	1.2	0.8	<1	<1	2.1	<1	2.1	3	0	--
Total Arsenic	µg/L	S140	WCA-3	Inflow	1.4	1.0	<1	<1	2.5	<1	2.5	3	0	--
Total Arsenic	µg/L	S150	WCA-3	Inflow	3.1	1.3	1.7	3.3	4.2	1.7	4.2	3	0	--
Total Arsenic	µg/L	S151	WCA-3	Inflow	1.7	1.1	<1	1.5	2.9	<1	2.9	3	0	--
Total Arsenic	µg/L	S190	WCA-3	Inflow	1.1	0.6	<1	<1	1.8	<1	1.8	3	0	--
Total Arsenic	µg/L	S8	WCA-3	Inflow	3.0	1.7	2.0	2.8	3.7	<1	8.4	17	0	--
Total Arsenic	µg/L	S9	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Arsenic	µg/L	CA311	WCA-3	Interior	<1	0.0	<1	<1	<1	<1	<1	4	0	--
Total Arsenic	µg/L	CA315	WCA-3	Interior	<1	0.0	<1	<1	<1	<1	<1	5	0	--
Total Arsenic	µg/L	CA316	WCA-3	Interior	<1	--	--	<1	--	<1	<1	1	0	--
Total Arsenic	µg/L	CA317	WCA-3	Interior	<1	0.6	--	<1	--	<1	1.4	2	0	--
Total Arsenic	µg/L	CA318	WCA-3	Interior	<1	--	--	<1	--	<1	<1	1	0	--
Total Arsenic	µg/L	CA32	WCA-3	Interior	1.2	0.6	<1	1.5	1.6	<1	1.6	3	0	--
Total Arsenic	µg/L	CA33	WCA-3	Interior	1.8	1.2	<1	1.5	3.0	<1	3.4	4	0	--
Total Arsenic	µg/L	CA34	WCA-3	Interior	1.7	0.4	1.3	1.8	2.0	1.3	2.0	3	0	--
Total Arsenic	µg/L	CA35	WCA-3	Interior	2.6	1.3	1.2	2.9	3.7	1.2	3.7	3	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Arsenic	µg/L	CA36	WCA-3	Interior	3.0	--	--	3.0	--	3.0	3.0	1	0	--
Total Arsenic	µg/L	CA38	WCA-3	Interior	1.9	0.5	1.3	2.2	2.2	1.3	2.2	3	0	--
Total Arsenic	µg/L	S12A	WCA-3	Outflow	<1	0.1	<1	<1	<1	<1	1.0	20	0	--
Total Arsenic	µg/L	S12B	WCA-3	Outflow	<1	0.2	<1	<1	<1	<1	1.8	20	0	--
Total Arsenic	µg/L	S12C	WCA-3	Outflow	<1	0.3	<1	<1	<1	<1	2.2	21	0	--
Total Arsenic	µg/L	S12D	WCA-3	Outflow	<1	0.2	<1	<1	<1	<1	1.7	24	0	--
Total Arsenic	µg/L	S31	WCA-3	Outflow	1.3	0.5	<1	1.6	1.6	<1	1.6	3	0	--
Total Arsenic	µg/L	S333	WCA-3	Outflow	<1	0.5	<1	<1	<1	<1	2.3	21	0	--
Total Arsenic	µg/L	S355A	WCA-3	Outflow	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Arsenic	µg/L	S355B	WCA-3	Outflow	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Arsenic	µg/L	US41-25	WCA-3	Outflow	<1	0.3	<1	<1	<1	<1	1.8	23	0	--
Total Arsenic	µg/L	S12A	Park	Inflow	<1	0.1	<1	<1	<1	<1	1.0	20	0	--
Total Arsenic	µg/L	S12B	Park	Inflow	<1	0.2	<1	<1	<1	<1	1.8	20	0	--
Total Arsenic	µg/L	S12C	Park	Inflow	<1	0.3	<1	<1	<1	<1	2.2	21	0	--
Total Arsenic	µg/L	S12D	Park	Inflow	<1	0.2	<1	<1	<1	<1	1.7	24	0	--
Total Arsenic	µg/L	S175	Park	Inflow	<1	0.1	<1	<1	<1	<1	1.0	21	0	--
Total Arsenic	µg/L	S18C	Park	Inflow	<1	0.1	<1	<1	<1	<1	1.0	23	0	--
Total Arsenic	µg/L	S332	Park	Inflow	<1	0.2	<1	<1	<1	<1	1.5	24	0	--
Total Arsenic	µg/L	S332D	Park	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Arsenic	µg/L	S333	Park	Inflow	<1	0.5	<1	<1	<1	<1	2.3	21	0	--
Total Arsenic	µg/L	S355A	Park	Inflow	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Arsenic	µg/L	S355B	Park	Inflow	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Arsenic	µg/L	EP	Park	Interior	<1	0.1	<1	<1	<1	<1	1.0	18	0	--
Total Arsenic	µg/L	NE1	Park	Interior	<1	0.4	<1	<1	<1	<1	2.3	20	0	--
Total Arsenic	µg/L	NP201	Park	Interior	<1	0.4	<1	<1	<1	<1	2.4	19	0	--
Total Arsenic	µg/L	P33	Park	Interior	<1	0.1	<1	<1	<1	<1	1.0	19	0	--
Total Arsenic	µg/L	P34	Park	Interior	1.1	0.5	<1	<1	1.6	<1	2.0	18	0	--
Total Arsenic	µg/L	P35	Park	Interior	<1	0.7	<1	<1	<1	<1	3.6	17	0	--
Total Arsenic	µg/L	P36	Park	Interior	<1	0.2	<1	<1	<1	<1	1.7	19	0	--
Total Arsenic	µg/L	P37	Park	Interior	<1	0.2	<1	<1	<1	<1	1.7	16	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Arsenic	µg/L	TSB	Park	Interior	<1	0.1	<1	<1	<1	<1	1.0	15	0	--
Total Beryllium	µg/L	G204	WCA-3	Inflow	<0.1	0.0	<0.1	<0.1	<0.1	<0.1	0.1	8	0	--
Total Beryllium	µg/L	G205	WCA-3	Inflow	0.1	0.3	<0.1	<0.1	<0.1	<0.1	0.8	10	25.0±35.6	--
Total Beryllium	µg/L	G206	WCA-3	Inflow	0.1	0.3	<0.1	<0.1	0.2	<0.1	0.9	10	25.0±35.6	--
Total Beryllium	µg/L	S8	WCA-3	Inflow	<0.1	0.2	<0.1	<0.1	0.1	<0.1	0.9	14	25.0±35.6	--
Total Cadmium	µg/L	ACME1DS	Refuge	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	0.5	10	0	--
Total Cadmium	µg/L	G251	Refuge	Inflow	<0.3	--	--	<0.3	--	<0.3	<0.3	1	0	--
Total Cadmium	µg/L	G94D	Refuge	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	0.6	10	0	--
Total Cadmium	µg/L	S5A	Refuge	Inflow	0.4	0.7	<0.3	<0.3	<0.3	<0.3	2.9	16	0	--
Total Cadmium	µg/L	S5AS	Refuge	Inflow	0.5	0.4	--	0.5	--	<0.3	0.8	2	0	--
Total Cadmium	µg/L	S6	Refuge	Inflow	<0.3	0.1	<0.3	<0.3	0.3	<0.3	0.3	3	0	--
Total Cadmium	µg/L	S5AD	Refuge	Rim	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	5	0	--
Total Cadmium	µg/L	S6D	Refuge	Rim	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	5	0	--
Total Cadmium	µg/L	LOX10	Refuge	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	LOX11	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	LOX12	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	5	0	--
Total Cadmium	µg/L	LOX13	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	LOX14	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	LOX15	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	5	0	--
Total Cadmium	µg/L	LOX16	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	LOX4	Refuge	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	LOX5	Refuge	Interior	<0.3	--	--	<0.3	--	<0.3	<0.3	1	0	--
Total Cadmium	µg/L	LOX6	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	LOX7	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	LOX8	Refuge	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	LOX9	Refuge	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	G94B	Refuge	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S10A	Refuge	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S10C	Refuge	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S10D	Refuge	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--

Variable	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	S10E	Refuge	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S39	Refuge	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S10A	WCA-2	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S10C	WCA-2	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S10D	WCA-2	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S10E	WCA-2	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S38B	WCA-2	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.5	7	0	--
Total Cadmium	µg/L	S7	WCA-2	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	CA215	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	CA27	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	CA28	WCA-2	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	CA29	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	F1	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	F2	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	F4	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	S144	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S145	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S146	WCA-2	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S11A	WCA-2	Outflow	<0.3	0.1	<0.3	<0.3	0.3	<0.3	0.3	3	0	--
Total Cadmium	µg/L	S11B	WCA-2	Outflow	<0.3	0.1	<0.3	<0.3	0.4	<0.3	0.4	3	0	--
Total Cadmium	µg/L	S11C	WCA-2	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S34	WCA-2	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S38	WCA-2	Outflow	<0.3	0.2	<0.3	<0.3	0.5	<0.3	0.5	3	0	--
Total Cadmium	µg/L	C123SR84	WCA-3	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	G123	WCA-3	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.4	10	0	--
Total Cadmium	µg/L	G204	WCA-3	Inflow	0.4	0.3	<0.3	<0.3	0.7	<0.3	0.8	5	0	--
Total Cadmium	µg/L	G205	WCA-3	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.4	6	0	--
Total Cadmium	µg/L	G206	WCA-3	Inflow	<0.3	0.1	<0.3	<0.3	0.3	<0.3	0.5	7	0	--
Total Cadmium	µg/L	L3	WCA-3	Inflow	<0.3	0.1	--	<0.3	--	<0.3	0.3	2	0	--
Total Cadmium	µg/L	S11A	WCA-3	Inflow	<0.3	0.1	<0.3	<0.3	0.3	<0.3	0.3	3	0	--

Variable	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	S11B	WCA-3	Inflow	<0.3	0.1	<0.3	<0.3	0.4	<0.3	0.4	3	0	--
Total Cadmium	µg/L	S11C	WCA-3	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S140	WCA-3	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	0.6	10	0	--
Total Cadmium	µg/L	S142	WCA-3	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S150	WCA-3	Inflow	<0.3	0.2	<0.3	<0.3	0.5	<0.3	0.5	3	0	--
Total Cadmium	µg/L	S151	WCA-3	Inflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S190	WCA-3	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.6	10	0	--
Total Cadmium	µg/L	S8	WCA-3	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	0.6	15	0	--
Total Cadmium	µg/L	S9	WCA-3	Inflow	<0.3	0.2	<0.3	<0.3	0.4	<0.3	0.7	10	0	--
Total Cadmium	µg/L	CA311	WCA-3	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	CA315	WCA-3	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	4	0	--
Total Cadmium	µg/L	CA316	WCA-3	Interior	<0.3	--	--	<0.3	--	<0.3	<0.3	1	0	--
Total Cadmium	µg/L	CA317	WCA-3	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	CA318	WCA-3	Interior	<0.3	--	--	<0.3	--	<0.3	<0.3	1	0	--
Total Cadmium	µg/L	CA32	WCA-3	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	CA33	WCA-3	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	CA34	WCA-3	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	CA35	WCA-3	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	CA38	WCA-3	Interior	<0.3	0.0	--	<0.3	--	<0.3	<0.3	2	0	--
Total Cadmium	µg/L	S12A	WCA-3	Outflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.4	20	0	--
Total Cadmium	µg/L	S12B	WCA-3	Outflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.5	20	0	--
Total Cadmium	µg/L	S12C	WCA-3	Outflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.7	21	0	--
Total Cadmium	µg/L	S12D	WCA-3	Outflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	1.1	24	0	--
Total Cadmium	µg/L	S14	WCA-3	Outflow	<0.3	0.2	<0.3	<0.3	0.3	<0.3	0.7	7	0	--
Total Cadmium	µg/L	S197	WCA-3	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S31	WCA-3	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S333	WCA-3	Outflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	1.1	28	0	NC
Total Cadmium	µg/L	S334	WCA-3	Outflow	<0.3	0.1	<0.3	<0.3	0.4	<0.3	0.4	3	0	--
Total Cadmium	µg/L	S344	WCA-3	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	3	0	--
Total Cadmium	µg/L	S355A	WCA-3	Outflow	<0.3	0.1	<0.3	<0.3	0.3	<0.3	0.4	10	0	--

Variable	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	WCA-3	Outflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	0.6	10	0	--
Total Cadmium	µg/L	US41-25	WCA-3	Outflow	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	0.3	23	0	--
Total Cadmium	µg/L	S12A	Park	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.4	20	0	--
Total Cadmium	µg/L	S12B	Park	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.5	20	0	--
Total Cadmium	µg/L	S12C	Park	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.7	21	0	--
Total Cadmium	µg/L	S12D	Park	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	1.1	24	0	--
Total Cadmium	µg/L	S14	Park	Inflow	<0.3	0.2	<0.3	<0.3	0.3	<0.3	0.7	7	0	--
Total Cadmium	µg/L	S175	Park	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	1.0	28	0	NC
Total Cadmium	µg/L	S18C	Park	Inflow	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.9	30	0	NC
Total Cadmium	µg/L	S332	Park	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	1.0	31	0	NC
Total Cadmium	µg/L	S332D	Park	Inflow	0.4	0.5	<0.3	<0.3	0.4	<0.3	1.6	10	0	--
Total Cadmium	µg/L	S333	Park	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	1.1	28	0	NC
Total Cadmium	µg/L	S355A	Park	Inflow	<0.3	0.1	<0.3	<0.3	0.3	<0.3	0.4	10	0	--
Total Cadmium	µg/L	S355B	Park	Inflow	<0.3	0.2	<0.3	<0.3	<0.3	<0.3	0.6	10	0	--
Total Cadmium	µg/L	EP	Park	Interior	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.4	18	0	--
Total Cadmium	µg/L	NE1	Park	Interior	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.5	20	0	--
Total Cadmium	µg/L	NP201	Park	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	18	0	--
Total Cadmium	µg/L	P33	Park	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	19	0	--
Total Cadmium	µg/L	P34	Park	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	18	0	--
Total Cadmium	µg/L	P35	Park	Interior	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.4	17	0	--
Total Cadmium	µg/L	P36	Park	Interior	<0.3	0.1	<0.3	<0.3	<0.3	<0.3	0.4	19	0	--
Total Cadmium	µg/L	P37	Park	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	16	0	--
Total Cadmium	µg/L	TSB	Park	Interior	<0.3	0.0	<0.3	<0.3	<0.3	<0.3	<0.3	15	0	--
Total Copper	µg/L	ACME1DS	Refuge	Inflow	2.7	2.6	<1	2.0	4.5	<1	8.2	9	0	--
Total Copper	µg/L	G251	Refuge	Inflow	<1	--	--	<1	--	<1	<1	1	0	--
Total Copper	µg/L	G94D	Refuge	Inflow	2.7	1.9	1.0	1.9	4.9	<1	5.2	9	0	--
Total Copper	µg/L	S5A	Refuge	Inflow	1.4	1.0	<1	1.2	2.0	<1	3.3	16	0	--
Total Copper	µg/L	S5AS	Refuge	Inflow	1.3	0.1	--	1.3	--	1.2	1.4	2	0	--
Total Copper	µg/L	S6	Refuge	Inflow	2.1	0.6	1.6	1.9	2.8	1.6	2.8	3	0	--
Total Copper	µg/L	S5AD	Refuge	Rim	<1	0.4	<1	<1	1.2	<1	1.4	5	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Copper	µg/L	S6D	Refuge	Rim	1.6	1.8	<1	<1	3.5	<1	4.3	4	0	--
Total Copper	µg/L	LOX10	Refuge	Interior	1.3	1.1	--	1.3	--	<1	2.0	2	0	--
Total Copper	µg/L	LOX11	Refuge	Interior	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	LOX12	Refuge	Interior	3.6	5.3	<1	1.0	7.8	<1	13	5	20.0±29.4	--
Total Copper	µg/L	LOX13	Refuge	Interior	1.1	0.9	<1	<1	2.1	<1	2.4	4	0	--
Total Copper	µg/L	LOX14	Refuge	Interior	1.1	0.5	<1	1.1	1.6	<1	1.8	4	0	--
Total Copper	µg/L	LOX15	Refuge	Interior	1.6	0.9	<1	1.6	2.6	<1	2.8	5	0	--
Total Copper	µg/L	LOX16	Refuge	Interior	1.3	0.8	<1	1.2	2.1	<1	2.3	4	0	--
Total Copper	µg/L	LOX4	Refuge	Interior	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Copper	µg/L	LOX5	Refuge	Interior	<1	--	--	<1	--	<1	<1	1	0	--
Total Copper	µg/L	LOX6	Refuge	Interior	<1	0.3	<1	<1	1.0	<1	1.0	3	0	--
Total Copper	µg/L	LOX7	Refuge	Interior	<1	0.6	<1	<1	1.6	<1	1.8	4	0	--
Total Copper	µg/L	LOX8	Refuge	Interior	1.1	0.9	<1	<1	2.0	<1	2.3	4	0	--
Total Copper	µg/L	LOX9	Refuge	Interior	<1	0.6	--	<1	--	<1	1.3	2	0	--
Total Copper	µg/L	G94B	Refuge	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S10A	Refuge	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S10C	Refuge	Outflow	1.2	1.1	<1	<1	2.5	<1	2.5	3	0	--
Total Copper	µg/L	S10D	Refuge	Outflow	1.3	0.7	<1	1.3	2.0	<1	2.0	3	0	--
Total Copper	µg/L	S10E	Refuge	Outflow	1.2	0.6	<1	1.3	1.8	<1	1.8	3	0	--
Total Copper	µg/L	S39	Refuge	Outflow	1.2	1.1	<1	<1	2.5	<1	2.5	3	0	--
Total Copper	µg/L	E0	WCA-2	Inflow	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F0	WCA-2	Inflow	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	S10A	WCA-2	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S10C	WCA-2	Inflow	1.2	1.1	<1	<1	2.5	<1	2.5	3	0	--
Total Copper	µg/L	S10D	WCA-2	Inflow	1.3	0.7	<1	1.3	2.0	<1	2.0	3	0	--
Total Copper	µg/L	S10E	WCA-2	Inflow	1.2	0.6	<1	1.3	1.8	<1	1.8	3	0	--
Total Copper	µg/L	S38B	WCA-2	Inflow	2.5	1.3	1.8	2.5	3.2	<1	4.8	6	0	--
Total Copper	µg/L	S7	WCA-2	Inflow	1.2	0.8	<1	1.1	2.0	<1	2.2	4	0	--
Total Copper	µg/L	CA215	WCA-2	Interior	1.5	1.7	<1	<1	3.3	<1	4.1	4	0	--
Total Copper	µg/L	CA27	WCA-2	Interior	<1	0.0	<1	<1	<1	<1	<1	3	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Copper	µg/L	CA28	WCA-2	Interior	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Copper	µg/L	CA29	WCA-2	Interior	<1	0.4	<1	<1	1.2	<1	1.2	3	0	--
Total Copper	µg/L	E1	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E2	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E3	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E4	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	E5	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F1	WCA-2	Interior	1.0	0.5	<1	1.0	1.5	<1	1.5	5	0	--
Total Copper	µg/L	F2	WCA-2	Interior	<1	0.4	<1	<1	1.3	<1	1.5	5	0	--
Total Copper	µg/L	F3	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	F4	WCA-2	Interior	<1	0.4	<1	1.0	1.4	<1	1.5	5	0	--
Total Copper	µg/L	F5	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	S144	WCA-2	Interior	1.5	1.1	<1	1.3	2.7	<1	2.7	3	0	--
Total Copper	µg/L	S145	WCA-2	Interior	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S146	WCA-2	Interior	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	U1	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	U2	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	U3	WCA-2	Interior	1.5	--	--	1.5	--	1.5	1.5	1	0	--
Total Copper	µg/L	S11A	WCA-2	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S11B	WCA-2	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S11C	WCA-2	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S34	WCA-2	Outflow	1.1	0.8	<1	<1	2.0	<1	2.0	3	0	--
Total Copper	µg/L	S38	WCA-2	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	C123SR84	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	G123	WCA-3	Inflow	2.4	2.2	<1	1.4	4.4	<1	6.7	10	0	--
Total Copper	µg/L	G204	WCA-3	Inflow	2.2	2.2	<1	1.2	4.4	<1	5.8	5	0	--
Total Copper	µg/L	G205	WCA-3	Inflow	1.3	0.8	<1	1.1	2.0	<1	2.2	6	0	--
Total Copper	µg/L	G206	WCA-3	Inflow	1.7	1.6	<1	1.3	2.3	<1	5.1	7	0	--
Total Copper	µg/L	L3	WCA-3	Inflow	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Copper	µg/L	S11A	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Copper	µg/L	S11B	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S11C	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S140	WCA-3	Inflow	1.3	1.1	<1	<1	2.5	<1	3.0	9	0	--
Total Copper	µg/L	S142	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S150	WCA-3	Inflow	1.2	1.0	<1	<1	2.3	<1	2.3	3	0	--
Total Copper	µg/L	S151	WCA-3	Inflow	1.1	0.8	<1	<1	2.1	<1	2.1	3	0	--
Total Copper	µg/L	S190	WCA-3	Inflow	1.5	1.0	<1	1.3	2.6	<1	2.9	9	0	--
Total Copper	µg/L	S8	WCA-3	Inflow	2.0	1.9	<1	1.0	2.8	<1	6.1	14	0	--
Total Copper	µg/L	S9	WCA-3	Inflow	2.7	1.6	1.1	2.3	4.1	<1	5.3	10	0	--
Total Copper	µg/L	CA311	WCA-3	Interior	1.5	1.4	<1	1.0	3.1	<1	3.1	3	0	--
Total Copper	µg/L	CA315	WCA-3	Interior	1.2	1.0	<1	<1	2.3	<1	2.7	4	0	--
Total Copper	µg/L	CA316	WCA-3	Interior	1.0	--	--	1.0	--	1.0	1.0	1	0	--
Total Copper	µg/L	CA317	WCA-3	Interior	<1	0.4	--	<1	--	<1	1.0	2	0	--
Total Copper	µg/L	CA318	WCA-3	Interior	1.0	--	--	1.0	--	1.0	1.0	1	0	--
Total Copper	µg/L	CA32	WCA-3	Interior	<1	0.0	--	<1	--	<1	<1	2	0	--
Total Copper	µg/L	CA33	WCA-3	Interior	1.9	2.0	<1	1.0	4.1	<1	4.1	3	0	--
Total Copper	µg/L	CA34	WCA-3	Interior	3.4	4.1	--	3.4	--	<1	6.3	2	0	--
Total Copper	µg/L	CA35	WCA-3	Interior	1.1	0.8	--	1.1	--	<1	1.7	2	0	--
Total Copper	µg/L	CA38	WCA-3	Interior	1.6	0.8	--	1.6	--	1.0	2.2	2	0	--
Total Copper	µg/L	S12A	WCA-3	Outflow	<1	0.4	<1	<1	<1	<1	2.5	20	0	--
Total Copper	µg/L	S12B	WCA-3	Outflow	<1	0.2	<1	<1	<1	<1	1.3	20	0	--
Total Copper	µg/L	S12C	WCA-3	Outflow	<1	0.3	<1	<1	<1	<1	2.1	22	0	--
Total Copper	µg/L	S12D	WCA-3	Outflow	<1	0.6	<1	<1	<1	<1	3.1	24	0	--
Total Copper	µg/L	S14	WCA-3	Outflow	<1	0.5	<1	<1	<1	<1	1.8	7	0	--
Total Copper	µg/L	S197	WCA-3	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S31	WCA-3	Outflow	<1	0.4	<1	<1	1.3	<1	1.3	3	0	--
Total Copper	µg/L	S333	WCA-3	Outflow	1.1	1.0	<1	<1	1.4	<1	5.6	28	0	NC
Total Copper	µg/L	S334	WCA-3	Outflow	<1	0.0	<1	<1	<1	<1	<1	3	0	--
Total Copper	µg/L	S344	WCA-3	Outflow	1.8	2.1	<1	<1	4.3	<1	4.3	3	0	--
Total Copper	µg/L	S355A	WCA-3	Outflow	<1	0.5	<1	<1	1.4	<1	1.9	10	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Copper	µg/L	S355B	WCA-3	Outflow	<1	0.9	<1	<1	<1	<1	3.3	10	0	--
Total Copper	µg/L	US41-25	WCA-3	Outflow	<1	0.2	<1	<1	<1	<1	1.4	22	0	--
Total Copper	µg/L	S12A	Park	Inflow	<1	0.4	<1	<1	<1	<1	2.5	20	0	--
Total Copper	µg/L	S12B	Park	Inflow	<1	0.2	<1	<1	<1	<1	1.3	20	0	--
Total Copper	µg/L	S12C	Park	Inflow	<1	0.3	<1	<1	<1	<1	2.1	22	0	--
Total Copper	µg/L	S12D	Park	Inflow	<1	0.6	<1	<1	<1	<1	3.1	24	0	--
Total Copper	µg/L	S14	Park	Inflow	<1	0.5	<1	<1	<1	<1	1.8	7	0	--
Total Copper	µg/L	S175	Park	Inflow	<1	0.7	<1	<1	<1	<1	4.1	28	0	NC
Total Copper	µg/L	S18C	Park	Inflow	<1	0.4	<1	<1	<1	<1	2.0	30	0	NC
Total Copper	µg/L	S332	Park	Inflow	<1	0.4	<1	<1	<1	<1	1.8	31	0	NC
Total Copper	µg/L	S332D	Park	Inflow	<1	0.6	<1	<1	<1	<1	2.4	10	0	--
Total Copper	µg/L	S333	Park	Inflow	1.1	1.0	<1	<1	1.4	<1	5.6	28	0	NC
Total Copper	µg/L	S355A	Park	Inflow	<1	0.5	<1	<1	1.4	<1	1.9	10	0	--
Total Copper	µg/L	S355B	Park	Inflow	<1	0.9	<1	<1	<1	<1	3.3	10	0	--
Total Copper	µg/L	EP	Park	Interior	<1	0.6	<1	<1	<1	<1	2.3	18	0	--
Total Copper	µg/L	NE1	Park	Interior	<1	0.5	<1	<1	<1	<1	2.2	19	0	--
Total Copper	µg/L	NP201	Park	Interior	<1	0.5	<1	<1	1.2	<1	2.3	18	0	--
Total Copper	µg/L	P33	Park	Interior	<1	0.9	<1	<1	<1	<1	3.8	18	0	--
Total Copper	µg/L	P34	Park	Interior	1.7	3.1	<1	<1	<1	<1	10	17	11.8±12.9	--
Total Copper	µg/L	P35	Park	Interior	1.5	1.7	<1	<1	2.3	<1	5.9	17	0	--
Total Copper	µg/L	P36	Park	Interior	<1	0.9	<1	<1	<1	<1	4.1	19	0	--
Total Copper	µg/L	P37	Park	Interior	<1	0.0	<1	<1	<1	<1	<1	16	0	--
Total Copper	µg/L	TSB	Park	Interior	1.2	1.8	<1	<1	<1	<1	7.6	15	0	--
Total Iron	µg/L	ACME1DS	Refuge	Inflow	191	143	101	137	284	38	654	20	0	--
Total Iron	µg/L	G251	Refuge	Inflow	13	4.8	9.4	11	17	8.1	26	18	0	--
Total Iron	µg/L	G94D	Refuge	Inflow	357	301	137	219	614	44	1024	20	5.0±8.0	--
Total Iron	µg/L	S5A	Refuge	Inflow	751	1074	142	437	753	64	4119	17	11.8±12.9	--
Total Iron	µg/L	S5AS	Refuge	Inflow	752	1039	150	302	1803	100	2303	4	25.0±35.6	--
Total Iron	µg/L	S6	Refuge	Inflow	255	182	102	240	419	36	495	6	0	--
Total Iron	µg/L	S5AD	Refuge	Rim	231	250	79	120	240	22	950	23	0	--

Variable	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	S6D	Refuge	Rim	88	65	47	65	110	23	260	21	0	--
Total Iron	µg/L	X0	Refuge	Rim	12	5.9	5.0	10	17	5.0	21	23	0	--
Total Iron	µg/L	Z0	Refuge	Rim	12	6.3	5.0	12	18	5.0	23	23	0	--
Total Iron	µg/L	LOX10	Refuge	Interior	31	17	19	25	36	13	79	17	0	--
Total Iron	µg/L	LOX11	Refuge	Interior	95	42	56	90	111	50	191	22	0	--
Total Iron	µg/L	LOX12	Refuge	Interior	22	15	12	17	32	6.3	73	30	0	NC
Total Iron	µg/L	LOX13	Refuge	Interior	100	34	70	97	128	55	160	19	0	--
Total Iron	µg/L	LOX14	Refuge	Interior	75	35	44	73	99	21	150	25	0	--
Total Iron	µg/L	LOX15	Refuge	Interior	11	25	<3	4.2	8.3	<3	130	29	0	NC
Total Iron	µg/L	LOX16	Refuge	Interior	128	60	71	118	180	45	271	26	0	--
Total Iron	µg/L	LOX3	Refuge	Interior	78	13	66	79	86	61	98	6	0	--
Total Iron	µg/L	LOX4	Refuge	Interior	44	37	16	38	62	6.7	154	17	0	--
Total Iron	µg/L	LOX5	Refuge	Interior	76	57	46	61	78	35	233	10	0	--
Total Iron	µg/L	LOX6	Refuge	Interior	88	70	41	59	113	18	270	24	0	--
Total Iron	µg/L	LOX7	Refuge	Interior	110	41	81	88	149	63	200	23	0	--
Total Iron	µg/L	LOX8	Refuge	Interior	59	28	40	49	75	30	150	23	0	--
Total Iron	µg/L	LOX9	Refuge	Interior	47	19	34	43	61	20	86	16	0	--
Total Iron	µg/L	X1	Refuge	Interior	8.5	4.5	5.0	5.0	12	5.0	17	23	0	--
Total Iron	µg/L	X2	Refuge	Interior	5.6	1.9	5.0	5.0	5.0	3.5	11	23	0	--
Total Iron	µg/L	X3	Refuge	Interior	10	10.0	5.0	5.0	12	5.0	48	23	0	--
Total Iron	µg/L	X4	Refuge	Interior	30	37	10	22	28	5.0	172	23	0	--
Total Iron	µg/L	Y4	Refuge	Interior	13	7.9	5.0	11	22	5.0	25	23	0	--
Total Iron	µg/L	Z1	Refuge	Interior	9.9	7.4	5.0	5.0	16	5.0	27	22	0	--
Total Iron	µg/L	Z2	Refuge	Interior	7.6	7.0	5.0	5.0	8.3	5.0	38	23	0	--
Total Iron	µg/L	Z3	Refuge	Interior	6.5	3.7	5.0	5.0	5.0	3.5	21	23	0	--
Total Iron	µg/L	Z4	Refuge	Interior	12	8.2	5.0	9.5	20	5.0	29	23	0	--
Total Iron	µg/L	G94B	Refuge	Outflow	91	78	35	57	100	18	317	20	0	--
Total Iron	µg/L	S10A	Refuge	Outflow	37	37	8.7	23	62	4.0	137	20	0	--
Total Iron	µg/L	S10C	Refuge	Outflow	50	70	8.0	21	60	3.0	289	20	0	--
Total Iron	µg/L	S10D	Refuge	Outflow	108	124	25	59	182	8.0	488	19	0	--

Variable	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	S10E	Refuge	Outflow	157	167	35	106	349	28	488	11	0	--
Total Iron	µg/L	S39	Refuge	Outflow	42	38	11	24	86	6.0	104	12	0	--
Total Iron	µg/L	E0	WCA-2	Inflow	21	7.6	17	21	27	3.5	37	21	0	--
Total Iron	µg/L	F0	WCA-2	Inflow	23	7.5	18	22	31	11	40	21	0	--
Total Iron	µg/L	S10A	WCA-2	Inflow	37	37	8.7	23	62	4.0	137	20	0	--
Total Iron	µg/L	S10C	WCA-2	Inflow	50	70	8.0	21	60	3.0	289	20	0	--
Total Iron	µg/L	S10D	WCA-2	Inflow	108	124	25	59	182	8.0	488	19	0	--
Total Iron	µg/L	S10E	WCA-2	Inflow	157	167	35	106	349	28	488	11	0	--
Total Iron	µg/L	S38B	WCA-2	Inflow	76	75	24	53	105	12	313	17	0	--
Total Iron	µg/L	S7	WCA-2	Inflow	91	69	33	71	113	20	240	17	0	--
Total Iron	µg/L	CA215	WCA-2	Interior	10	5.7	6.5	8.4	12	<3	25	34	0	NC
Total Iron	µg/L	CA27	WCA-2	Interior	25	13	13	21	37	7.7	54	25	0	--
Total Iron	µg/L	CA28	WCA-2	Interior	59	25	41	61	79	11	94	21	0	--
Total Iron	µg/L	CA29	WCA-2	Interior	16	7.5	10	15	18	5.3	38	31	0	NC
Total Iron	µg/L	E1	WCA-2	Interior	11	5.9	5.0	13	15	5.0	25	16	0	--
Total Iron	µg/L	E2	WCA-2	Interior	8.6	3.6	5.0	11	12	5.0	13	15	0	--
Total Iron	µg/L	E3	WCA-2	Interior	7.5	3.7	5.0	5.0	11	5.0	14	17	0	--
Total Iron	µg/L	E4	WCA-2	Interior	8.5	4.4	5.0	5.0	13	5.0	17	16	0	--
Total Iron	µg/L	E5	WCA-2	Interior	9.0	5.6	5.0	5.0	14	3.5	20	19	0	--
Total Iron	µg/L	F1	WCA-2	Interior	14	8.4	5.1	12	17	5.0	36	40	0	NC
Total Iron	µg/L	F2	WCA-2	Interior	9.3	8.5	5.0	6.5	12	<3	58	48	0	NC
Total Iron	µg/L	F3	WCA-2	Interior	5.3	1.7	5.0	5.0	5.0	3.5	11	21	0	--
Total Iron	µg/L	F4	WCA-2	Interior	5.7	3.3	3.6	5.0	7.3	<3	15	45	0	NC
Total Iron	µg/L	F5	WCA-2	Interior	7.3	4.8	5.0	5.0	5.0	3.5	18	19	0	--
Total Iron	µg/L	S144	WCA-2	Interior	12	8.8	5.3	9.7	17	4.6	29	6	0	--
Total Iron	µg/L	S145	WCA-2	Interior	19	22	5.1	8.1	38	4.5	60	6	0	--
Total Iron	µg/L	S146	WCA-2	Interior	16	16	4.3	7.4	34	3.9	39	6	0	--
Total Iron	µg/L	U1	WCA-2	Interior	7.1	3.3	5.0	5.0	11	3.5	14	17	0	--
Total Iron	µg/L	U2	WCA-2	Interior	8.0	3.6	5.0	5.0	12	5.0	15	17	0	--
Total Iron	µg/L	U3	WCA-2	Interior	9.3	5.2	5.0	6.5	13	5.0	23	20	0	--

Variable	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	S11A	WCA-2	Outflow	40	40	13	23	78	3.5	108	6	0	--
Total Iron	µg/L	S11B	WCA-2	Outflow	36	33	16	23	48	<3	150	19	0	--
Total Iron	µg/L	S11C	WCA-2	Outflow	70	88	23	47	71	11	335	20	0	--
Total Iron	µg/L	S34	WCA-2	Outflow	91	122	24	34	157	24	334	6	0	--
Total Iron	µg/L	S38	WCA-2	Outflow	7.3	4.1	4.2	5.5	12	3.3	13	6	0	--
Total Iron	µg/L	3AE0	WCA-3	Inflow	68	75	18	36	96	5.0	271	21	0	--
Total Iron	µg/L	3AW0	WCA-3	Inflow	69	78	18	39	101	5.0	290	21	0	--
Total Iron	µg/L	C123SR84	WCA-3	Inflow	201	152	51	176	356	42	422	6	0	--
Total Iron	µg/L	G123	WCA-3	Inflow	160	124	51	133	276	30	393	19	0	--
Total Iron	µg/L	G204	WCA-3	Inflow	215	201	39	103	393	35	573	9	0	--
Total Iron	µg/L	G205	WCA-3	Inflow	162	116	81	133	195	49	424	12	0	--
Total Iron	µg/L	G206	WCA-3	Inflow	139	102	62	118	189	36	321	10	0	--
Total Iron	µg/L	L3	WCA-3	Inflow	551	452	183	445	1024	163	1149	4	25.0±35.6	--
Total Iron	µg/L	S11A	WCA-3	Inflow	40	40	13	23	78	3.5	108	6	0	--
Total Iron	µg/L	S11B	WCA-3	Inflow	36	33	16	23	48	<3	150	19	0	--
Total Iron	µg/L	S11C	WCA-3	Inflow	70	88	23	47	71	11	335	20	0	--
Total Iron	µg/L	S140	WCA-3	Inflow	200	98	107	191	290	34	323	19	0	--
Total Iron	µg/L	S142	WCA-3	Inflow	46	32	17	42	74	9.2	94	6	0	--
Total Iron	µg/L	S150	WCA-3	Inflow	84	58	59	67	89	27	291	19	0	--
Total Iron	µg/L	S151	WCA-3	Inflow	185	128	85	181	263	26	402	6	0	--
Total Iron	µg/L	S190	WCA-3	Inflow	180	114	77	162	266	46	383	21	0	--
Total Iron	µg/L	S8	WCA-3	Inflow	148	103	65	113	212	20	407	32	0	NC
Total Iron	µg/L	S9	WCA-3	Inflow	409	167	301	430	555	81	634	19	0	--
Total Iron	µg/L	3AE05	WCA-3	Interior	124	68	50	132	158	34	277	14	0	--
Total Iron	µg/L	3AE10	WCA-3	Interior	151	86	72	143	226	41	304	17	0	--
Total Iron	µg/L	3AE15	WCA-3	Interior	169	86	104	152	234	42	315	19	0	--
Total Iron	µg/L	3AE20	WCA-3	Interior	117	67	64	90	177	18	234	20	0	--
Total Iron	µg/L	3AE40	WCA-3	Interior	44	22	25	45	64	5.0	86	19	0	--
Total Iron	µg/L	3ANMESO	WCA-3	Interior	135	100	59	105	200	25	416	21	0	--
Total Iron	µg/L	3ASMESO	WCA-3	Interior	106	85	54	78	114	17	316	21	0	--

Variable	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	3AW05	WCA-3	Interior	109	61	55	101	154	34	246	14	0	--
Total Iron	µg/L	3AW10	WCA-3	Interior	169	83	118	158	232	55	327	19	0	--
Total Iron	µg/L	3AW15	WCA-3	Interior	165	80	97	163	230	51	297	19	0	--
Total Iron	µg/L	3AW20	WCA-3	Interior	182	78	118	183	222	50	347	19	0	--
Total Iron	µg/L	3AW40	WCA-3	Interior	55	52	25	41	62	5.0	234	20	0	--
Total Iron	µg/L	CA311	WCA-3	Interior	135	82	63	110	207	26	320	33	0	NC
Total Iron	µg/L	CA315	WCA-3	Interior	217	174	75	171	325	22	740	36	0	NC
Total Iron	µg/L	CA316	WCA-3	Interior	7.6	5.5	4.0	6.7	9.5	<3	22	16	0	--
Total Iron	µg/L	CA317	WCA-3	Interior	8.3	6.8	4.8	7.1	11	<3	35	23	0	--
Total Iron	µg/L	CA318	WCA-3	Interior	27	23	7.9	22	35	<3	94	19	0	--
Total Iron	µg/L	CA32	WCA-3	Interior	68	44	33	57	100	28	194	23	0	--
Total Iron	µg/L	CA33	WCA-3	Interior	90	49	49	87	120	33	240	27	0	--
Total Iron	µg/L	CA34	WCA-3	Interior	53	51	18	41	57	12	241	26	0	--
Total Iron	µg/L	CA35	WCA-3	Interior	208	86	150	210	270	53	400	19	0	--
Total Iron	µg/L	CA36	WCA-3	Interior	97	37	64	94	135	40	153	17	0	--
Total Iron	µg/L	CA38	WCA-3	Interior	181	133	96	140	250	<3	610	27	0	--
Total Iron	µg/L	S12A	WCA-3	Outflow	120	42	96	114	153	21	236	41	0	NC
Total Iron	µg/L	S12B	WCA-3	Outflow	113	56	71	106	146	21	290	39	0	NC
Total Iron	µg/L	S12C	WCA-3	Outflow	114	51	83	100	136	23	239	43	0	NC
Total Iron	µg/L	S12D	WCA-3	Outflow	99	56	61	84	134	31	232	33	0	NC
Total Iron	µg/L	S14	WCA-3	Outflow	118	78		118		63	173	2	0	--
Total Iron	µg/L	S197	WCA-3	Outflow	106	60	45	102	158	43	198	6	0	--
Total Iron	µg/L	S31	WCA-3	Outflow	75	44	33	68	116	29	143	6	0	--
Total Iron	µg/L	S333	WCA-3	Outflow	84	39	55	78	101	25	193	49	0	NC
Total Iron	µg/L	S334	WCA-3	Outflow	326	238	154	218	571	114	713	6	0	--
Total Iron	µg/L	S344	WCA-3	Outflow	85	41	59	75	113	26	182	18	0	--
Total Iron	µg/L	S355A	WCA-3	Outflow	54	48	22	39	48	17	171	17	0	--
Total Iron	µg/L	S355B	WCA-3	Outflow	95	34	67	92	117	49	176	17	0	--
Total Iron	µg/L	US41-25	WCA-3	Outflow	153	50	117	138	195	83	265	31	0	NC
Total Iron	µg/L	S12A	Park	Inflow	120	42	96	114	153	21	236	41	0	NC

Variable	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	S12B	Park	Inflow	113	56	71	106	146	21	290	39	0	NC
Total Iron	µg/L	S12C	Park	Inflow	114	51	83	100	136	23	239	43	0	NC
Total Iron	µg/L	S12D	Park	Inflow	99	56	61	84	134	31	232	33	0	NC
Total Iron	µg/L	S14	Park	Inflow	118	78		118		63	173	2	0	--
Total Iron	µg/L	S175	Park	Inflow	252	165	132	226	316	64	909	40	0	NC
Total Iron	µg/L	S18C	Park	Inflow	200	107	114	221	277	17	422	53	0	NC
Total Iron	µg/L	S332	Park	Inflow	274	107	188	254	360	89	555	49	0	NC
Total Iron	µg/L	S332D	Park	Inflow	272	121	189	260	356	101	527	20	0	--
Total Iron	µg/L	S333	Park	Inflow	84	39	55	78	101	25	193	49	0	NC
Total Iron	µg/L	S355A	Park	Inflow	54	48	22	39	48	17	171	17	0	--
Total Iron	µg/L	S355B	Park	Inflow	95	34	67	92	117	49	176	17	0	--
Total Iron	µg/L	EP	Park	Interior	14	12	5.0	9.5	19	3.9	48	18	0	--
Total Iron	µg/L	NE1	Park	Interior	997	532	478	982	1423	260	2029	20	45.0±18.3	--
Total Iron	µg/L	NP201	Park	Interior	254	242	27	176	470	<3	661	18	0	--
Total Iron	µg/L	P33	Park	Interior	59	84	19	32	48	15	370	18	0	--
Total Iron	µg/L	P34	Park	Interior	114	208	34	56	81	22	897	17	0	--
Total Iron	µg/L	P35	Park	Interior	529	497	209	366	647	127	2013	17	11.8±12.9	--
Total Iron	µg/L	P36	Park	Interior	421	522	116	230	550	<3	2283	19	5.3±8.4	--
Total Iron	µg/L	P37	Park	Interior	192	100	121	167	281	25	377	16	0	--
Total Iron	µg/L	TSB	Park	Interior	65	31	37	59	98	23	118	14	0	--
Total Lead	µg/L	ACME1DS	Refuge	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	G251	Refuge	Inflow	<0.8	--	--	<0.8	--	<0.8	<0.8	1	0	--
Total Lead	µg/L	G94D	Refuge	Inflow	<0.8	0.3	<0.8	<0.8	0.9	<0.8	0.9	3	0	--
Total Lead	µg/L	S5A	Refuge	Inflow	<0.8	0.6	<0.8	<0.8	<0.8	<0.8	2.7	15	0	--
Total Lead	µg/L	S5AS	Refuge	Inflow	3.0	2.5	--	3.0	--	1.2	4.8	2	0	--
Total Lead	µg/L	S6	Refuge	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S5AD	Refuge	Rim	<0.8	0.2	<0.8	<0.8	<0.8	<0.8	1.0	5	0	--
Total Lead	µg/L	S6D	Refuge	Rim	<0.8	0.2	<0.8	<0.8	<0.8	<0.8	1.0	5	0	--
Total Lead	µg/L	LOX10	Refuge	Interior	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	LOX11	Refuge	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Lead	µg/L	LOX12	Refuge	Interior	<0.8	0.3	<0.8	<0.8	1.0	<0.8	1.0	5	0	--
Total Lead	µg/L	LOX13	Refuge	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	LOX14	Refuge	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	LOX15	Refuge	Interior	<0.8	0.3	<0.8	<0.8	1.1	<0.8	1.1	5	0	--
Total Lead	µg/L	LOX16	Refuge	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	LOX4	Refuge	Interior	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	LOX5	Refuge	Interior	<0.8	--	--	<0.8	--	<0.8	<0.8	1	0	--
Total Lead	µg/L	LOX6	Refuge	Interior	<0.8	0.3	<0.8	<0.8	1.0	<0.8	1.0	3	0	--
Total Lead	µg/L	LOX7	Refuge	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	LOX8	Refuge	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	LOX9	Refuge	Interior	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	S10A	Refuge	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S10C	Refuge	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S10D	Refuge	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S10E	Refuge	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S39	Refuge	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S10A	WCA-2	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S10C	WCA-2	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S10D	WCA-2	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S10E	WCA-2	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S38B	WCA-2	Inflow	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	S7	WCA-2	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	CA215	WCA-2	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	CA27	WCA-2	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	CA28	WCA-2	Interior	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	CA29	WCA-2	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	F1	WCA-2	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	F2	WCA-2	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	F4	WCA-2	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	S144	WCA-2	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Lead	µg/L	S145	WCA-2	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S146	WCA-2	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S11A	WCA-2	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S11B	WCA-2	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S11C	WCA-2	Outflow	<0.8	0.2	<0.8	<0.8	0.8	<0.8	0.8	3	0	--
Total Lead	µg/L	S34	WCA-2	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S38	WCA-2	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	C123SR84	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	G123	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	G204	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	G205	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	5	0	--
Total Lead	µg/L	G206	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	5	0	--
Total Lead	µg/L	L3	WCA-3	Inflow	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	S11A	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S11B	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S11C	WCA-3	Inflow	<0.8	0.2	<0.8	<0.8	0.8	<0.8	0.8	3	0	--
Total Lead	µg/L	S140	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S150	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S151	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S190	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S8	WCA-3	Inflow	<0.8	0.1	<0.8	<0.8	<0.8	<0.8	<0.8	12	0	--
Total Lead	µg/L	S9	WCA-3	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	CA311	WCA-3	Interior	<0.8	0.3	<0.8	<0.8	1.0	<0.8	1.0	3	0	--
Total Lead	µg/L	CA315	WCA-3	Interior	<0.8	0.3	<0.8	<0.8	0.9	<0.8	1.0	4	0	--
Total Lead	µg/L	CA316	WCA-3	Interior	1.0	--	--	1.0	--	1.0	1.0	1	0	--
Total Lead	µg/L	CA317	WCA-3	Interior	<0.8	0.4	--	<0.8	--	<0.8	1.0	2	0	--
Total Lead	µg/L	CA318	WCA-3	Interior	1.0	--	--	1.0	--	1.0	1.0	1	0	--
Total Lead	µg/L	CA32	WCA-3	Interior	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	CA33	WCA-3	Interior	<0.8	0.3	<0.8	<0.8	1.0	<0.8	1.0	3	0	--
Total Lead	µg/L	CA34	WCA-3	Interior	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Lead	µg/L	CA35	WCA-3	Interior	<0.8	0.0	--	<0.8	--	<0.8	<0.8	2	0	--
Total Lead	µg/L	CA38	WCA-3	Interior	<0.8	0.4	--	<0.8	--	<0.8	1.0	2	0	--
Total Lead	µg/L	S12A	WCA-3	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	20	0	--
Total Lead	µg/L	S12B	WCA-3	Outflow	<0.8	0.3	<0.8	<0.8	<0.8	<0.8	1.7	20	0	--
Total Lead	µg/L	S12C	WCA-3	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	21	0	--
Total Lead	µg/L	S12D	WCA-3	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	24	0	--
Total Lead	µg/L	S31	WCA-3	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	3	0	--
Total Lead	µg/L	S333	WCA-3	Outflow	<0.8	0.3	<0.8	<0.8	<0.8	<0.8	1.6	21	0	--
Total Lead	µg/L	US41-25	WCA-3	Outflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	23	0	--
Total Lead	µg/L	S12A	Park	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	20	0	--
Total Lead	µg/L	S12B	Park	Inflow	<0.8	0.3	<0.8	<0.8	<0.8	<0.8	1.7	20	0	--
Total Lead	µg/L	S12C	Park	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	21	0	--
Total Lead	µg/L	S12D	Park	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	24	0	--
Total Lead	µg/L	S175	Park	Inflow	<0.8	0.2	<0.8	<0.8	<0.8	<0.8	1.5	21	0	--
Total Lead	µg/L	S18C	Park	Inflow	3.7	15.8	<0.8	<0.8	<0.8	<0.8	76.0	23	4.3±7.0	--
Total Lead	µg/L	S332	Park	Inflow	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	23	0	--
Total Lead	µg/L	S332D	Park	Inflow	<0.8	--	--	<0.8	--	<0.8	<0.8	1	0	--
Total Lead	µg/L	S333	Park	Inflow	<0.8	0.3	<0.8	<0.8	<0.8	<0.8	1.6	21	0	--
Total Lead	µg/L	EP	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	18	0	--
Total Lead	µg/L	NE1	Park	Interior	<0.8	0.4	<0.8	<0.8	<0.8	<0.8	2.3	20	5.0±8.0	--
Total Lead	µg/L	NP201	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	18	0	--
Total Lead	µg/L	P33	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	19	0	--
Total Lead	µg/L	P34	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	18	0	--
Total Lead	µg/L	P35	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	17	0	--
Total Lead	µg/L	P36	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	19	0	--
Total Lead	µg/L	P37	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	16	0	--
Total Lead	µg/L	TSB	Park	Interior	<0.8	0.0	<0.8	<0.8	<0.8	<0.8	<0.8	15	0	--
Total Nickel	µg/L	G204	WCA-3	Inflow	<0.5	0.3	<0.5	<0.5	0.7	<0.5	0.7	3	0	--
Total Nickel	µg/L	G205	WCA-3	Inflow	<0.5	0.3	<0.5	<0.5	0.5	<0.5	0.8	5	0	--
Total Nickel	µg/L	G206	WCA-3	Inflow	<0.5	0.1	<0.5	<0.5	<0.5	<0.5	0.5	5	0	--

Variable	Units	Station	Area	Class	Arithmetic Mean	Std. Deviation	25 th Percentile	Median	75 th Percentile	Min.	Max.	N	Excursion %±90% C.I.	Category
Total Nickel	µg/L	S8	WCA-3	Inflow	1.0	1.5	<0.5	<0.5	1.0	<0.5	4.9	9	0	--
Total Selenium	µg/L	G204	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	8	0	--
Total Selenium	µg/L	G205	WCA-3	Inflow	<1	0.0	<1	<1	<1	<1	<1	10	0	--
Total Selenium	µg/L	G206	WCA-3	Inflow	<1	0.3	<1	<1	<1	<1	1.1	10	0	--
Total Selenium	µg/L	S8	WCA-3	Inflow	<1	0.4	<1	<1	<1	<1	1.6	14	0	--
Total Silver	µg/L	G251	Refuge	Inflow	0.0	0.0	0.0	0.0	0.1	0.0	0.1	5	20.0±29.4	--
Total Silver	µg/L	G310	Refuge	Inflow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	0	--
Total Silver	µg/L	S5A	Refuge	Inflow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6	0	--
Total Silver	µg/L	G204	WCA-3	Inflow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0	--
Total Silver	µg/L	G205	WCA-3	Inflow	0.0	0.0	0.0	0.0	0.0	<0.02	0.0	10	0	--
Total Silver	µg/L	G206	WCA-3	Inflow	0.0	0.0	0.0	0.0	0.0	<0.02	0.0	10	0	--
Total Silver	µg/L	S8	WCA-3	Inflow	0.0	0.0	<0.02	0.0	0.0	<0.02	0.0	14	0	--
Total Thallium	µg/L	G204	WCA-3	Inflow	<0.5	0.0	<0.5	<0.5	<0.5	<0.5	<0.5	8	0	--
Total Thallium	µg/L	G205	WCA-3	Inflow	<0.5	0.0	<0.5	<0.5	<0.5	<0.5	<0.5	10	0	--
Total Thallium	µg/L	G206	WCA-3	Inflow	<0.5	0.0	<0.5	<0.5	<0.5	<0.5	<0.5	10	0	--
Total Thallium	µg/L	S8	WCA-3	Inflow	<0.5	0.1	<0.5	<0.5	<0.5	<0.5	<0.5	14	0	--
Total Zinc	µg/L	ACME1DS	Refuge	Inflow	<4	0.0	<4	<4	<4	<4	<4	9	0	--
Total Zinc	µg/L	G251	Refuge	Inflow	<4	--	--	<4	--	<4	<4	1	0	--
Total Zinc	µg/L	G94D	Refuge	Inflow	<4	0.0	<4	<4	<4	<4	<4	9	0	--
Total Zinc	µg/L	S5A	Refuge	Inflow	<4	2.1	<4	<4	4.8	<4	8.5	15	0	--
Total Zinc	µg/L	S5AS	Refuge	Inflow	7.1	7.3	--	7.1	--	<4	12.3	2	0	--
Total Zinc	µg/L	S6	Refuge	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S5AD	Refuge	Rim	5.4	6.6	<4	<4	10.6	<4	17.0	5	0	--
Total Zinc	µg/L	S6D	Refuge	Rim	<4	0.5	<4	<4	<4	<4	<4	5	0	--
Total Zinc	µg/L	LOX10	Refuge	Interior	<4	1.3	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	LOX11	Refuge	Interior	<4	0.6	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	LOX12	Refuge	Interior	<4	0.3	<4	<4	<4	<4	<4	5	0	--
Total Zinc	µg/L	LOX13	Refuge	Interior	<4	0.7	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	LOX14	Refuge	Interior	<4	0.3	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	LOX15	Refuge	Interior	<4	0.5	<4	<4	<4	<4	<4	5	0	--

Variable	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	LOX16	Refuge	Interior	<4	0.4	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	LOX4	Refuge	Interior	<4	0.0	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	LOX5	Refuge	Interior	<4	--	--	<4	--	<4	<4	1	0	--
Total Zinc	µg/L	LOX6	Refuge	Interior	<4	0.5	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	LOX7	Refuge	Interior	<4	0.3	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	LOX8	Refuge	Interior	<4	0.7	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	LOX9	Refuge	Interior	<4	1.2	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	G94B	Refuge	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S10A	Refuge	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S10C	Refuge	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S10D	Refuge	Outflow	<4	1.4	<4	<4	4.4	<4	4.4	3	0	--
Total Zinc	µg/L	S10E	Refuge	Outflow	<4	2.8	<4	<4	6.9	<4	6.9	3	0	--
Total Zinc	µg/L	S39	Refuge	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S10A	WCA-2	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S10C	WCA-2	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S10D	WCA-2	Inflow	<4	1.4	<4	<4	4.4	<4	4.4	3	0	--
Total Zinc	µg/L	S10E	WCA-2	Inflow	<4	2.8	<4	<4	6.9	<4	6.9	3	0	--
Total Zinc	µg/L	S38B	WCA-2	Inflow	4.3	5.6	<4	<4	5.5	<4	15.8	6	0	--
Total Zinc	µg/L	S7	WCA-2	Inflow	4.7	5.5	<4	<4	10.2	<4	12.9	4	0	--
Total Zinc	µg/L	CA215	WCA-2	Interior	<4	0.4	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	CA27	WCA-2	Interior	<4	0.8	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	CA28	WCA-2	Interior	<4	0.6	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	CA29	WCA-2	Interior	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	F1	WCA-2	Interior	<4	0.4	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	F2	WCA-2	Interior	<4	0.3	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	F4	WCA-2	Interior	<4	0.3	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	S144	WCA-2	Interior	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S145	WCA-2	Interior	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S146	WCA-2	Interior	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S11A	WCA-2	Outflow	4.6	2.8	<4	4.1	7.6	<4	7.6	3	0	--

Variable	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	S11B	WCA-2	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S11C	WCA-2	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S34	WCA-2	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S38	WCA-2	Outflow	5.7	6.4	<4	<4	13.1	<4	13.1	3	0	--
Total Zinc	µg/L	C123SR84	WCA-3	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	G123	WCA-3	Inflow	<4	0.6	<4	<4	<4	<4	<4	10	0	--
Total Zinc	µg/L	G204	WCA-3	Inflow	5.7	8.3	<4	<4	11.3	<4	20.6	5	0	--
Total Zinc	µg/L	G205	WCA-3	Inflow	<4	0.0	<4	<4	<4	<4	<4	6	0	--
Total Zinc	µg/L	G206	WCA-3	Inflow	<4	3.9	<4	<4	<4	<4	12.4	7	0	--
Total Zinc	µg/L	L3	WCA-3	Inflow	<4	2.1	--	<4	--	<4	5.0	2	0	--
Total Zinc	µg/L	S11A	WCA-3	Inflow	4.6	2.8	<4	4.1	7.6	<4	7.6	3	0	--
Total Zinc	µg/L	S11B	WCA-3	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S11C	WCA-3	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S140	WCA-3	Inflow	<4	1.7	<4	<4	<4	<4	7.1	9	0	--
Total Zinc	µg/L	S142	WCA-3	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S150	WCA-3	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S151	WCA-3	Inflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S190	WCA-3	Inflow	<4	1.9	<4	<4	<4	<4	7.7	9	0	--
Total Zinc	µg/L	S8	WCA-3	Inflow	<4	2.3	<4	<4	<4	<4	10.4	14	0	--
Total Zinc	µg/L	S9	WCA-3	Inflow	<4	0.6	<4	<4	<4	<4	<4	10	0	--
Total Zinc	µg/L	CA311	WCA-3	Interior	<4	0.3	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	CA315	WCA-3	Interior	<4	0.6	<4	<4	<4	<4	<4	4	0	--
Total Zinc	µg/L	CA316	WCA-3	Interior	<4	--	--	<4	--	<4	<4	1	0	--
Total Zinc	µg/L	CA317	WCA-3	Interior	<4	1.2	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	CA318	WCA-3	Interior	<4	--	--	<4	--	<4	<4	1	0	--
Total Zinc	µg/L	CA32	WCA-3	Interior	<4	0.0	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	CA33	WCA-3	Interior	<4	0.5	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	CA34	WCA-3	Interior	<4	0.0	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	CA35	WCA-3	Interior	<4	0.0	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	CA38	WCA-3	Interior	<4	0.4	--	<4	--	<4	<4	2	0	--

Variable	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	S12A	WCA-3	Outflow	<4	1.5	<4	<4	5.1	<4	5.5	19	0	--
Total Zinc	µg/L	S12B	WCA-3	Outflow	<4	1.1	<4	<4	<4	<4	6.4	19	0	--
Total Zinc	µg/L	S12C	WCA-3	Outflow	<4	1.8	<4	<4	<4	<4	7.7	20	0	--
Total Zinc	µg/L	S12D	WCA-3	Outflow	<4	2.3	<4	<4	<4	<4	10.5	23	0	--
Total Zinc	µg/L	S14	WCA-3	Outflow	<4	0.0	<4	<4	<4	<4	<4	7	0	--
Total Zinc	µg/L	S197	WCA-3	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S31	WCA-3	Outflow	<4	0.0	--	<4	--	<4	<4	2	0	--
Total Zinc	µg/L	S333	WCA-3	Outflow	<4	2.1	<4	<4	<4	<4	8.5	28	0	NC
Total Zinc	µg/L	S334	WCA-3	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S344	WCA-3	Outflow	<4	0.0	<4	<4	<4	<4	<4	3	0	--
Total Zinc	µg/L	S355A	WCA-3	Outflow	<4	0.8	<4	<4	<4	<4	4.5	10	0	--
Total Zinc	µg/L	S355B	WCA-3	Outflow	<4	0.0	<4	<4	<4	<4	<4	10	0	--
Total Zinc	µg/L	US41-25	WCA-3	Outflow	<4	1.8	<4	<4	<4	<4	8.0	23	0	--
Total Zinc	µg/L	S12A	Park	Inflow	<4	1.5	<4	<4	5.1	<4	5.5	19	0	--
Total Zinc	µg/L	S12B	Park	Inflow	<4	1.1	<4	<4	<4	<4	6.4	19	0	--
Total Zinc	µg/L	S12C	Park	Inflow	<4	1.8	<4	<4	<4	<4	7.7	20	0	--
Total Zinc	µg/L	S12D	Park	Inflow	<4	2.3	<4	<4	<4	<4	10.5	23	0	--
Total Zinc	µg/L	S14	Park	Inflow	<4	0.0	<4	<4	<4	<4	<4	7	0	--
Total Zinc	µg/L	S175	Park	Inflow	<4	1.0	<4	<4	<4	<4	5.2	26	0	--
Total Zinc	µg/L	S18C	Park	Inflow	<4	1.7	<4	<4	<4	<4	8.9	27	0	--
Total Zinc	µg/L	S332	Park	Inflow	<4	2.5	<4	<4	5.1	<4	12.6	30	0	NC
Total Zinc	µg/L	S332D	Park	Inflow	<4	2.4	<4	<4	<4	<4	8.7	10	0	--
Total Zinc	µg/L	S333	Park	Inflow	<4	2.1	<4	<4	<4	<4	8.5	28	0	NC
Total Zinc	µg/L	S355A	Park	Inflow	<4	0.8	<4	<4	<4	<4	4.5	10	0	--
Total Zinc	µg/L	S355B	Park	Inflow	<4	0.0	<4	<4	<4	<4	<4	10	0	--
Total Zinc	µg/L	EP	Park	Interior	<4	1.3	<4	<4	<4	<4	5.7	18	0	--
Total Zinc	µg/L	NE1	Park	Interior	<4	0.7	<4	<4	<4	<4	4.6	20	0	--
Total Zinc	µg/L	NP201	Park	Interior	<4	0.4	<4	<4	<4	<4	<4	18	0	--
Total Zinc	µg/L	P33	Park	Interior	<4	3.3	<4	<4	<4	<4	16.3	19	0	--
Total Zinc	µg/L	P34	Park	Interior	4.1	7.9	<4	<4	<4	<4	34.9	18	0	--

Variable	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	P35	Park	Interior	<4	4.8	<4	<4	<4	<4	20.4	16	0	--
Total Zinc	µg/L	P36	Park	Interior	<4	0.3	<4	<4	<4	<4	<4	19	0	--
Total Zinc	µg/L	P37	Park	Interior	<4	0.5	<4	<4	<4	<4	<4	16	0	--
Total Zinc	µg/L	TSB	Park	Interior	<4	0.4	<4	<4	<4	<4	<4	15	0	--
Turbidity	NTU	ACME1DS	Refuge	Inflow	4.43	2.61	2.55	4.22	5.32	0.77	16	69	0	NC
Turbidity	NTU	G251	Refuge	Inflow	1.93	2.11	0.92	1.51	2.30	0.42	22	130	0	NC
Turbidity	NTU	G310	Refuge	Inflow	5.41	7.92	2.48	3.38	4.75	0.43	63	99	3.0±2.8	MC
Turbidity	NTU	G94D	Refuge	Inflow	5.75	3.78	2.96	4.68	7.50	1.36	22	70	0	NC
Turbidity	NTU	S5A	Refuge	Inflow	20.7	28.9	4.38	12.5	19.4	2.60	137	28	14.3±10.9	PC
Turbidity	NTU	S5AS	Refuge	Inflow	31.4	30.5	6.97	13.0	66.3	4.69	80	9	33.3±25.8	--
Turbidity	NTU	S6	Refuge	Inflow	19.9	16.4	8.74	14.6	26.6	2.83	80	27	22.2±13.2	--
Turbidity	NTU	S5AD	Refuge	Rim	12.8	16.0	3	7.15	17.0	0.82	78	35	11.4±8.8	PC
Turbidity	NTU	S6D	Refuge	Rim	7.45	5.73	3	6.00	11.0	1.50	29	31	0	NC
Turbidity	NTU	LOX10	Refuge	Interior	1.01	1.38	0.52	0.63	0.86	0.34	7.40	30	0	NC
Turbidity	NTU	LOX11	Refuge	Interior	0.96	0.5	0.62	0.77	1.10	0.40	2.60	43	0	NC
Turbidity	NTU	LOX12	Refuge	Interior	0.60	0.38	0.42	0.50	0.62	0.30	2.70	56	0	NC
Turbidity	NTU	LOX13	Refuge	Interior	1.27	0.88	0.77	1.05	1.29	0.44	4.98	36	0	NC
Turbidity	NTU	LOX14	Refuge	Interior	0.61	0.27	0.46	0.54	0.62	0.29	1.70	49	0	NC
Turbidity	NTU	LOX15	Refuge	Interior	0.60	0.35	0.4	0.52	0.62	0.31	2.50	53	0	NC
Turbidity	NTU	LOX16	Refuge	Interior	0.62	0.27	0.46	0.57	0.71	0.34	2.10	50	0	NC
Turbidity	NTU	LOX3	Refuge	Interior	1.14	0.38	0.92	1.04	1.17	0.75	2.00	13	0	--
Turbidity	NTU	LOX4	Refuge	Interior	1.25	2.18	0.52	0.65	1.00	0.05	12	31	0	NC
Turbidity	NTU	LOX5	Refuge	Interior	1.64	1.41	0.9	1.11	1.30	0.64	6.20	19	0	--
Turbidity	NTU	LOX6	Refuge	Interior	0.68	0.21	0.52	0.62	0.76	0.35	1.33	46	0	NC
Turbidity	NTU	LOX7	Refuge	Interior	0.95	0.49	0.64	0.84	1.13	0.44	3.20	42	0	NC
Turbidity	NTU	LOX8	Refuge	Interior	1.03	0.55	0.64	0.90	1.20	0.44	2.80	45	0	NC
Turbidity	NTU	LOX9	Refuge	Interior	0.93	0.75	0.54	0.66	1.20	0.37	4.20	29	0	NC
Turbidity	NTU	G94B	Refuge	Outflow	2.47	2.28	1.21	2.10	3.10	0.70	17	59	0	NC
Turbidity	NTU	S10A	Refuge	Outflow	1.94	1.34	1.06	1.57	2.22	0.70	6.13	29	0	NC
Turbidity	NTU	S10C	Refuge	Outflow	3.62	3.95	1.17	2.01	4.10	0.60	16	27	0	--

Variable	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	S10D	Refuge	Outflow	6.53	5.27	2.38	5.29	8.81	0.88	25	64	0	NC
Turbidity	NTU	S10E	Refuge	Outflow	8.15	8.94	3.25	5.46	9.16	1.58	50	60	5.0±4.6	MC
Turbidity	NTU	S39	Refuge	Outflow	2.14	1.35	1.17	1.79	2.67	0.59	7.29	85	0	NC
Turbidity	NTU	G335	WCA-2	Inflow	3.56	4.81	1	1.79	4.35	0.50	32	74	1.4±2.2	MC
Turbidity	NTU	G339	WCA-2	Inflow	16.3	--	--	16.3	--	16.3	16	1	0	--
Turbidity	NTU	S10A	WCA-2	Inflow	1.94	1.34	1.06	1.57	2.22	0.70	6.13	29	0	NC
Turbidity	NTU	S10C	WCA-2	Inflow	3.62	3.95	1.17	2.01	4.10	0.60	16	27	0	--
Turbidity	NTU	S10D	WCA-2	Inflow	6.53	5.27	2.38	5.29	8.81	0.88	25	64	0	NC
Turbidity	NTU	S10E	WCA-2	Inflow	8.15	8.9	3.25	5.46	9.16	1.58	50	60	5.0±4.6	MC
Turbidity	NTU	S38B	WCA-2	Inflow	1.61	1.51	0.61	0.89	2.20	0.44	5.92	22	0	--
Turbidity	NTU	S7	WCA-2	Inflow	5.01	5.01	1.95	3.18	5.62	0.64	27	79	0	NC
Turbidity	NTU	CA215	WCA-2	Interior	0.66	0.23	0.5	0.60	0.77	0.34	1.74	86	0	NC
Turbidity	NTU	CA27	WCA-2	Interior	0.60	0.29	0.44	0.51	0.63	0.32	2.30	70	0	NC
Turbidity	NTU	CA28	WCA-2	Interior	1.93	1.82	0.91	1.40	2.29	0.51	12	59	0	NC
Turbidity	NTU	CA29	WCA-2	Interior	0.61	0.2	0.44	0.59	0.72	0.24	1.16	76	0	NC
Turbidity	NTU	F1	WCA-2	Interior	2.00	2	1	1.30	2.56	0.48	14	52	0	NC
Turbidity	NTU	F2	WCA-2	Interior	2.12	2.68	0.75	1.20	2.07	0.45	16	75	0	NC
Turbidity	NTU	F4	WCA-2	Interior	0.62	0.2	0.46	0.57	0.71	0.34	1.11	76	0	NC
Turbidity	NTU	S144	WCA-2	Interior	1.33	1.31	0.6	0.74	1.53	0.42	6.64	34	0	NC
Turbidity	NTU	S145	WCA-2	Interior	1.24	1.3	0.51	0.69	1.14	0.35	7.15	82	0	NC
Turbidity	NTU	S146	WCA-2	Interior	1.22	1.41	0.48	0.55	1.65	0.39	6.70	33	0	NC
Turbidity	NTU	S11A	WCA-2	Outflow	1.74	1.42	0.8	1.16	2.03	0.21	6.40	75	0	NC
Turbidity	NTU	S11B	WCA-2	Outflow	1.78	1.81	0.8	1.05	1.59	0.53	7.24	37	0	NC
Turbidity	NTU	S11C	WCA-2	Outflow	2.92	3.11	1.13	2.04	3.15	0.56	17	73	0	NC
Turbidity	NTU	S34	WCA-2	Outflow	1.75	1.65	0.82	1.25	2.02	0.33	13	80	0	NC
Turbidity	NTU	S38	WCA-2	Outflow	0.97	0.79	0.5	0.63	1.19	0.27	4.20	77	0	NC
Turbidity	NTU	C123SR84	WCA-3	Inflow	3.69	5.62	1.07	1.81	4.06	0.57	33	75	2.7±3.1	MC
Turbidity	NTU	G123	WCA-3	Inflow	1.49	0.73	1	1.30	1.75	0.54	4.00	63	0	NC
Turbidity	NTU	L3	WCA-3	Inflow	7.63	8.21	2.65	4.72	6.22	1.58	33	20	5.0±8.0	--
Turbidity	NTU	S11A	WCA-3	Inflow	1.74	1.42	0.8	1.16	2.03	0.21	6.40	75	0	NC

Variable	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-3	Inflow	1.78	1.81	0.8	1.05	1.59	0.53	7.24	37	0	NC
Turbidity	NTU	S11C	WCA-3	Inflow	2.92	3.11	1.13	2.04	3.15	0.56	17	73	0	NC
Turbidity	NTU	S140	WCA-3	Inflow	1.87	1.25	1.13	1.52	2.38	0.56	11	86	0	NC
Turbidity	NTU	S142	WCA-3	Inflow	2.09	1.45	0.99	1.67	2.60	0.50	7.59	90	0	NC
Turbidity	NTU	S150	WCA-3	Inflow	3.48	3.4	1.59	2.48	4.10	0.57	20	62	0	NC
Turbidity	NTU	S151	WCA-3	Inflow	2.27	1.64	1.17	1.71	3.08	0.44	7.67	78	0	NC
Turbidity	NTU	S190	WCA-3	Inflow	2.36	1.17	1.5	2.00	2.65	0.98	6.51	79	0	NC
Turbidity	NTU	S8	WCA-3	Inflow	5.03	3.99	2.71	3.63	5.87	1.00	26	78	0	NC
Turbidity	NTU	S9	WCA-3	Inflow	4.00	3.03	2.55	3.40	4.47	0.34	22	83	0	NC
Turbidity	NTU	CA311	WCA-3	Interior	0.66	0.45	0.4	0.52	0.76	0.26	3.50	87	0	NC
Turbidity	NTU	CA315	WCA-3	Interior	0.67	0.48	0.39	0.50	0.71	0.26	2.50	100	0	NC
Turbidity	NTU	CA316	WCA-3	Interior	0.78	0.62	0.54	0.64	0.81	0.30	5.22	75	0	NC
Turbidity	NTU	CA317	WCA-3	Interior	0.59	0.26	0.41	0.51	0.66	0.30	1.60	100	0	NC
Turbidity	NTU	CA318	WCA-3	Interior	0.79	0.57	0.49	0.66	0.82	0.32	3.93	88	0	NC
Turbidity	NTU	CA32	WCA-3	Interior	0.63	0.21	0.5	0.59	0.69	0.37	1.57	58	0	NC
Turbidity	NTU	CA33	WCA-3	Interior	0.74	0.37	0.53	0.63	0.89	0.34	2.60	66	0	NC
Turbidity	NTU	CA34	WCA-3	Interior	0.67	0.26	0.51	0.57	0.75	0.35	1.53	68	0	NC
Turbidity	NTU	CA35	WCA-3	Interior	0.83	0.33	0.63	0.75	0.95	0.42	2.20	42	0	NC
Turbidity	NTU	CA36	WCA-3	Interior	1.55	1.18	0.78	1.26	1.75	0.36	5.40	37	0	NC
Turbidity	NTU	CA38	WCA-3	Interior	0.72	0.39	0.5	0.61	0.80	0.30	2.40	68	0	NC
Turbidity	NTU	S12A	WCA-3	Outflow	1.05	0.91	0.6	0.70	1.17	0.40	4.85	77	0	NC
Turbidity	NTU	S12B	WCA-3	Outflow	1.00	0.72	0.55	0.72	1.14	0.39	4.64	82	0	NC
Turbidity	NTU	S12C	WCA-3	Outflow	1.07	0.72	0.59	0.85	1.28	0.34	4.30	87	0	NC
Turbidity	NTU	S12D	WCA-3	Outflow	1.41	1	0.7	1.10	1.92	0.30	6.84	119	0	NC
Turbidity	NTU	S197	WCA-3	Outflow	1.25	0.96	0.61	0.95	1.71	0.16	4.03	18	0	--
Turbidity	NTU	S31	WCA-3	Outflow	1.62	1.29	0.85	1.19	1.93	0.39	7.75	42	0	NC
Turbidity	NTU	S333	WCA-3	Outflow	1.48	1.21	0.76	1.12	1.84	0.30	7.96	102	0	NC
Turbidity	NTU	S334	WCA-3	Outflow	2.29	2.02	1.1	1.49	2.58	0.60	13	72	0	NC
Turbidity	NTU	S344	WCA-3	Outflow	1.62	1.61	0.55	0.69	2.76	0.46	5.01	19	0	--
Turbidity	NTU	S355A	WCA-3	Outflow	5.14	12.6	0.69	1.13	2.15	0.42	71	52	5.8±5.3	MC

Variable	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	S355B	WCA-3	Outflow	4.28	6.28	0.8	1.48	3.92	0.31	25	53	0	NC
Turbidity	NTU	US41-25	WCA-3	Outflow	1.29	1.08	0.58	0.85	1.79	0.40	6.42	97	0	NC
Turbidity	NTU	S12A	Park	Inflow	1.05	0.91	0.6	0.70	1.17	0.40	4.85	77	0	NC
Turbidity	NTU	S12B	Park	Inflow	1.00	0.72	0.55	0.72	1.14	0.39	4.64	82	0	NC
Turbidity	NTU	S12C	Park	Inflow	1.07	0.72	0.59	0.85	1.28	0.34	4.30	87	0	NC
Turbidity	NTU	S12D	Park	Inflow	1.41	1	0.7	1.10	1.92	0.30	6.84	119	0	NC
Turbidity	NTU	S175	Park	Inflow	2.22	1.7	1.36	1.77	2.29	0.69	9.51	88	0	NC
Turbidity	NTU	S18C	Park	Inflow	1.80	0.86	1.19	1.64	2.29	0.50	5.20	100	0	NC
Turbidity	NTU	S332	Park	Inflow	2.40	1.92	1.6	2.03	2.66	0.69	17	109	0	NC
Turbidity	NTU	S332D	Park	Inflow	2.07	1.07	1.23	1.80	2.66	0.75	6.35	101	0	NC
Turbidity	NTU	S333	Park	Inflow	1.48	1.21	0.76	1.12	1.84	0.30	7.96	102	0	NC
Turbidity	NTU	S355A	Park	Inflow	5.14	12.6	0.69	1.13	2.15	0.42	71	52	5.8±5.3	MC
Turbidity	NTU	S355B	Park	Inflow	4.28	6.28	0.8	1.48	3.92	0.31	25	53	0	NC
Turbidity	NTU	EP	Park	Interior	0.82	0.57	0.46	0.59	1.10	0.29	3.09	41	0	NC
Turbidity	NTU	NE1	Park	Interior	3.34	3.42	1.15	1.94	4.30	0.28	14	56	0	NC
Turbidity	NTU	NP201	Park	Interior	1.58	1.39	0.6	0.95	2.21	0.30	5.61	53	0	NC
Turbidity	NTU	P33	Park	Interior	1.10	0.98	0.58	0.72	1.09	0.37	6.06	56	0	NC
Turbidity	NTU	P34	Park	Interior	1.08	0.82	0.59	0.77	1.22	0.40	4.60	43	0	NC
Turbidity	NTU	P35	Park	Interior	1.42	1.12	0.72	1.13	1.62	0.47	6.80	40	0	NC
Turbidity	NTU	P36	Park	Interior	2.15	1.77	0.83	1.32	3.15	0.55	7.55	55	0	NC
Turbidity	NTU	P37	Park	Interior	1.17	1.06	0.6	0.71	1.31	0.26	5.60	41	0	NC
Turbidity	NTU	TSB	Park	Interior	0.94	0.79	0.49	0.61	1.27	0.30	4.77	45	0	NC
Un-ionized ammonia	mg/L	ACME1DS	Refuge	Inflow	0.00226	0.00285	0.00035	0.00111	0.00319	0.00003	0.01725	69	0	NC
Un-ionized ammonia	mg/L	G251	Refuge	Inflow	0.00154	0.00182	0.00035	0.00075	0.00248	0.00003	0.01445	148	0	NC
Un-ionized ammonia	mg/L	G310	Refuge	Inflow	0.00365	0.00312	0.00127	0.00247	0.00554	0.00017	0.01584	97	0	NC
Un-ionized ammonia	mg/L	G94D	Refuge	Inflow	0.00107	0.00111	0.00023	0.00062	0.00154	0.00003	0.00442	70	0	NC
Un-ionized ammonia	mg/L	S5A	Refuge	Inflow	0.00407	0.00512	0.00068	0.00210	0.00479	0.00007	0.01768	29	0	NC
Un-ionized ammonia	mg/L	S5AS	Refuge	Inflow	0.00180	0.00202	0.00053	0.00081	0.00307	0.00029	0.00579	9	0	--
Un-ionized ammonia	mg/L	S6	Refuge	Inflow	0.00571	0.01002	0.00153	0.00293	0.00636	0.00046	0.05344	27	3.7±6.0	--
Un-ionized ammonia	mg/L	S5AD	Refuge	Rim	0.00181	0.00155	0.00065	0.00130	0.00250	0.00003	0.00517	13	0	--

Variable	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	0.00354	0.00286	0.00154	0.00277	0.00682	0.00026	0.00847	11	0	--
Un-ionized ammonia	mg/L	X0	Refuge	Rim	0.00154	0.00179	0.00045	0.00107	0.00199	0.00008	0.01143	59	0	NC
Un-ionized ammonia	mg/L	Z0	Refuge	Rim	0.00206	0.00258	0.00047	0.00125	0.00229	0.00008	0.01266	58	0	NC
Un-ionized ammonia	mg/L	LOX10	Refuge	Interior	0.00005	0.00008	0.00001	0.00003	0.00004	0.00001	0.00026	16	0	--
Un-ionized ammonia	mg/L	LOX11	Refuge	Interior	0.00002	0.00004	0.000004	0.000009	0.00002	0.000002	0.00014	27	0	--
Un-ionized ammonia	mg/L	LOX12	Refuge	Interior	0.00042	0.00137	0.00004	0.00006	0.00016	0.00001	0.00786	35	0	NC
Un-ionized ammonia	mg/L	LOX13	Refuge	Interior	0.000016	0.00002	0.000004	0.00001	0.000015	0.000002	0.00011	21	0	--
Un-ionized ammonia	mg/L	LOX14	Refuge	Interior	0.000012	0.000008	0.000007	0.00001	0.000015	0.000003	0.00004	30	0	NC
Un-ionized ammonia	mg/L	LOX15	Refuge	Interior	0.00045	0.00104	0.00008	0.00013	0.00028	0.00002	0.00531	33	0	NC
Un-ionized ammonia	mg/L	LOX16	Refuge	Interior	0.00007	0.00024	0.000008	0.00001	0.00002	0.000003	0.00139	32	0	NC
Un-ionized ammonia	mg/L	LOX3	Refuge	Interior	0.00006	0.00006	0.00003	0.00004	0.00009	0.00000	0.00018	6	0	--
Un-ionized ammonia	mg/L	LOX4	Refuge	Interior	0.00002	0.00002	0.00001	0.00002	0.00003	0.00001	0.00008	18	0	--
Un-ionized ammonia	mg/L	LOX5	Refuge	Interior	0.000013	0.00001	0.000007	0.000009	0.00002	0.00000	0.00004	10	0	--
Un-ionized ammonia	mg/L	LOX6	Refuge	Interior	0.00116	0.00566	0.00003	0.00005	0.00008	0.000003	0.02948	27	3.7±6.0	--
Un-ionized ammonia	mg/L	LOX7	Refuge	Interior	0.000014	0.00001	0.000007	0.00001	0.00002	0.000003	0.00006	26	0	--
Un-ionized ammonia	mg/L	LOX8	Refuge	Interior	0.000015	0.00002	0.000006	0.000008	0.00002	0.000004	0.00007	28	0	NC
Un-ionized ammonia	mg/L	LOX9	Refuge	Interior	0.00003	0.00004	0.000007	0.00002	0.00005	0.000004	0.00014	16	0	--
Un-ionized ammonia	mg/L	X1	Refuge	Interior	0.00077	0.00134	0.00020	0.00034	0.00073	0.00010	0.00845	51	0	NC
Un-ionized ammonia	mg/L	X2	Refuge	Interior	0.00021	0.00015	0.00011	0.00020	0.00027	0.00004	0.00096	51	0	NC
Un-ionized ammonia	mg/L	X3	Refuge	Interior	0.00023	0.00019	0.00009	0.00018	0.00028	0.00003	0.00084	49	0	NC
Un-ionized ammonia	mg/L	X4	Refuge	Interior	0.00027	0.00032	0.00007	0.00015	0.00034	0.00001	0.00137	52	0	NC
Un-ionized ammonia	mg/L	Y4	Refuge	Interior	0.00017	0.00016	0.00007	0.00011	0.00021	0.00001	0.00104	52	0	NC
Un-ionized ammonia	mg/L	Z1	Refuge	Interior	0.00088	0.00207	0.00019	0.00030	0.00071	0.00008	0.01357	50	0	NC
Un-ionized ammonia	mg/L	Z2	Refuge	Interior	0.00024	0.00015	0.00012	0.00020	0.00034	0.00003	0.00058	47	0	NC
Un-ionized ammonia	mg/L	Z3	Refuge	Interior	0.00064	0.00242	0.00017	0.00025	0.00042	0.00006	0.01831	56	0	NC
Un-ionized ammonia	mg/L	Z4	Refuge	Interior	0.00034	0.00133	0.00006	0.00014	0.00024	0.00001	0.01005	56	0	NC
Un-ionized ammonia	mg/L	G94B	Refuge	Outflow	0.00074	0.00187	0.00006	0.00023	0.00052	0.00001	0.01278	60	0	NC
Un-ionized ammonia	mg/L	S10A	Refuge	Outflow	0.00110	0.00211	0.00031	0.00058	0.00095	0.00014	0.01144	29	0	NC
Un-ionized ammonia	mg/L	S10C	Refuge	Outflow	0.00168	0.00267	0.00045	0.00083	0.00193	0.00009	0.01316	27	0	--
Un-ionized ammonia	mg/L	S10D	Refuge	Outflow	0.00198	0.00427	0.00035	0.00059	0.00166	0.00005	0.02632	63	1.6±2.6	MC

Variable	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	S10E	Refuge	Outflow	0.00194	0.00390	0.00031	0.00088	0.00161	0.00005	0.02725	58	1.7±2.8	MC
Un-ionized ammonia	mg/L	S39	Refuge	Outflow	0.00070	0.00079	0.00020	0.00044	0.00084	0.00003	0.00379	84	0	NC
Un-ionized ammonia	mg/L	E0	WCA-2	Inflow	0.01816	0.02302	0.00215	0.00625	0.02562	0.00049	0.10704	55	32.7±10.4	C
Un-ionized ammonia	mg/L	F0	WCA-2	Inflow	0.01918	0.02173	0.00366	0.01096	0.02894	0.00043	0.10175	56	37.5±10.6	C
Un-ionized ammonia	mg/L	G335	WCA-2	Inflow	0.00248	0.00182	0.00111	0.00179	0.00360	0.00031	0.00767	72	0	NC
Un-ionized ammonia	mg/L	G339	WCA-2	Inflow	0.00815			0.00815		0.00815	0.00815	1	0	--
Un-ionized ammonia	mg/L	S10A	WCA-2	Inflow	0.00110	0.00211	0.00031	0.00058	0.00095	0.00014	0.01144	29	0	NC
Un-ionized ammonia	mg/L	S10C	WCA-2	Inflow	0.00168	0.00267	0.00045	0.00083	0.00193	0.00009	0.01316	27	0	--
Un-ionized ammonia	mg/L	S10D	WCA-2	Inflow	0.00198	0.00427	0.00035	0.00059	0.00166	0.00005	0.02632	63	1.6±2.6	MC
Un-ionized ammonia	mg/L	S10E	WCA-2	Inflow	0.00194	0.00390	0.00031	0.00088	0.00161	0.00005	0.02725	58	1.7±2.8	MC
Un-ionized ammonia	mg/L	S38B	WCA-2	Inflow	0.00063	0.00060	0.00026	0.00037	0.00098	0.00007	0.00215	22	0	--
Un-ionized ammonia	mg/L	S7	WCA-2	Inflow	0.00219	0.00225	0.00067	0.00149	0.00310	0.00007	0.01331	81	0	NC
Un-ionized ammonia	mg/L	CA215	WCA-2	Interior	0.00083	0.00056	0.00050	0.00064	0.00104	0.00020	0.00272	50	0	NC
Un-ionized ammonia	mg/L	CA27	WCA-2	Interior	0.00028	0.00019	0.00017	0.00023	0.00035	0.00005	0.00080	45	0	NC
Un-ionized ammonia	mg/L	CA28	WCA-2	Interior	0.00069	0.00052	0.00033	0.00057	0.00092	0.00010	0.00237	37	0	NC
Un-ionized ammonia	mg/L	CA29	WCA-2	Interior	0.00044	0.00024	0.00025	0.00040	0.00059	0.00005	0.00119	45	0	NC
Un-ionized ammonia	mg/L	E1	WCA-2	Interior	0.00087	0.00150	0.00030	0.00046	0.00096	0.00012	0.00948	40	0	NC
Un-ionized ammonia	mg/L	E2	WCA-2	Interior	0.00049	0.00069	0.00024	0.00034	0.00052	0.00005	0.00418	34	0	NC
Un-ionized ammonia	mg/L	E3	WCA-2	Interior	0.00054	0.00105	0.00024	0.00032	0.00048	0.00009	0.00665	37	0	NC
Un-ionized ammonia	mg/L	E4	WCA-2	Interior	0.00027	0.00014	0.00017	0.00025	0.00034	0.00003	0.00058	42	0	NC
Un-ionized ammonia	mg/L	E5	WCA-2	Interior	0.00060	0.00045	0.00023	0.00050	0.00077	0.00006	0.00214	44	0	NC
Un-ionized ammonia	mg/L	F1	WCA-2	Interior	0.00095	0.00161	0.00041	0.00055	0.00101	0.00004	0.01283	67	0	NC
Un-ionized ammonia	mg/L	F2	WCA-2	Interior	0.00080	0.00168	0.00030	0.00042	0.00063	0.00004	0.01282	90	0	NC
Un-ionized ammonia	mg/L	F3	WCA-2	Interior	0.00049	0.00035	0.00030	0.00042	0.00060	0.00006	0.00229	46	0	NC
Un-ionized ammonia	mg/L	F4	WCA-2	Interior	0.00031	0.00029	0.00007	0.00024	0.00042	0.00003	0.00182	88	0	NC
Un-ionized ammonia	mg/L	F5	WCA-2	Interior	0.00083	0.00105	0.00041	0.00060	0.00087	0.00012	0.00747	48	0	NC
Un-ionized ammonia	mg/L	S144	WCA-2	Interior	0.00140	0.00309	0.00020	0.00040	0.00091	0.00012	0.01527	33	0	NC
Un-ionized ammonia	mg/L	S145	WCA-2	Interior	0.00080	0.00178	0.00020	0.00029	0.00053	0.00000004	0.01212	80	0	NC
Un-ionized ammonia	mg/L	S146	WCA-2	Interior	0.00076	0.00150	0.00006	0.00017	0.00076	0.00003	0.00751	32	0	NC
Un-ionized ammonia	mg/L	U1	WCA-2	Interior	0.00059	0.00086	0.00028	0.00046	0.00064	0.00007	0.00603	46	0	NC

Variable	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	U2	WCA-2	Interior	0.00150	0.00215	0.00058	0.00084	0.00139	0.00013	0.01226	43	0	NC
Un-ionized ammonia	mg/L	U3	WCA-2	Interior	0.00247	0.00525	0.00067	0.00111	0.00196	0.00012	0.03200	47	2.1±3.5	MC
Un-ionized ammonia	mg/L	S11A	WCA-2	Outflow	0.00079	0.00074	0.00033	0.00053	0.00090	0.00002	0.00351	75	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-2	Outflow	0.00101	0.00185	0.00037	0.00054	0.00088	0.00003	0.01109	36	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-2	Outflow	0.00164	0.00728	0.00023	0.00048	0.00107	0.00001	0.06164	71	1.4±2.3	MC
Un-ionized ammonia	mg/L	S34	WCA-2	Outflow	0.00190	0.00309	0.00036	0.00057	0.00162	0.00014	0.01529	80	0	NC
Un-ionized ammonia	mg/L	S38	WCA-2	Outflow	0.00063	0.00107	0.00009	0.00014	0.00060	0.00001	0.00574	76	0	NC
Un-ionized ammonia	mg/L	3AE0	WCA-3	Inflow	0.00144	0.00098	0.00080	0.00120	0.00192	0.00016	0.00439	35	0	NC
Un-ionized ammonia	mg/L	3AW0	WCA-3	Inflow	0.00141	0.00120	0.00079	0.00109	0.00158	0.00012	0.00631	36	0	NC
Un-ionized ammonia	mg/L	C123SR84	WCA-3	Inflow	0.00064	0.00096	0.00019	0.00035	0.00071	0.00005	0.00742	76	0	NC
Un-ionized ammonia	mg/L	G123	WCA-3	Inflow	0.00387	0.00368	0.00083	0.00238	0.00543	0.00021	0.01583	62	0	NC
Un-ionized ammonia	mg/L	G204	WCA-3	Inflow	0.00142	0.00127	0.00056	0.00087	0.00220	0.00009	0.00458	15	0	--
Un-ionized ammonia	mg/L	G205	WCA-3	Inflow	0.00565	0.01061	0.00082	0.00174	0.00420	0.00024	0.03631	18	11.1±12.2	--
Un-ionized ammonia	mg/L	G206	WCA-3	Inflow	0.00157	0.00269	0.00014	0.00044	0.00175	0.00001	0.00848	17	0	--
Un-ionized ammonia	mg/L	L3	WCA-3	Inflow	0.00099	0.00050	0.00061	0.00082	0.00145	0.00043	0.00206	19	0	--
Un-ionized ammonia	mg/L	S11A	WCA-3	Inflow	0.00079	0.00074	0.00033	0.00053	0.00090	0.00002	0.00351	75	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-3	Inflow	0.00101	0.00185	0.00037	0.00054	0.00088	0.00003	0.01109	36	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-3	Inflow	0.00164	0.00728	0.00023	0.00048	0.00107	0.00001	0.06164	71	1.4±2.3	MC
Un-ionized ammonia	mg/L	S140	WCA-3	Inflow	0.00092	0.00098	0.00034	0.00068	0.00113	0.00001	0.00537	85	0	NC
Un-ionized ammonia	mg/L	S142	WCA-3	Inflow	0.00329	0.00534	0.00052	0.00094	0.00349	0.00008	0.02703	91	3.3±3.1	MC
Un-ionized ammonia	mg/L	S150	WCA-3	Inflow	0.00187	0.00194	0.00051	0.00135	0.00282	0.00007	0.01194	60	0	NC
Un-ionized ammonia	mg/L	S151	WCA-3	Inflow	0.00189	0.00188	0.00081	0.00135	0.00231	0.00007	0.01209	78	0	NC
Un-ionized ammonia	mg/L	S190	WCA-3	Inflow	0.00058	0.00059	0.00019	0.00042	0.00069	0.00006	0.00385	77	0	NC
Un-ionized ammonia	mg/L	S8	WCA-3	Inflow	0.00169	0.00132	0.00086	0.00146	0.00225	0.00014	0.01019	98	0	NC
Un-ionized ammonia	mg/L	S9	WCA-3	Inflow	0.00392	0.00182	0.00289	0.00369	0.00468	0.00056	0.01142	86	0	NC
Un-ionized ammonia	mg/L	3AE05	WCA-3	Interior	0.00026	0.00014	0.00016	0.00025	0.00036	0.00004	0.00057	21	0	--
Un-ionized ammonia	mg/L	3AE10	WCA-3	Interior	0.00030	0.00020	0.00013	0.00023	0.00039	0.00007	0.00094	25	0	--
Un-ionized ammonia	mg/L	3AE15	WCA-3	Interior	0.00044	0.00071	0.00021	0.00028	0.00038	0.00009	0.00402	29	0	NC
Un-ionized ammonia	mg/L	3AE20	WCA-3	Interior	0.00042	0.00042	0.00017	0.00029	0.00051	0.00004	0.00220	33	0	NC
Un-ionized ammonia	mg/L	3AE40	WCA-3	Interior	0.00093	0.00128	0.00039	0.00053	0.00090	0.00022	0.00731	32	0	NC

Variable	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	3ANMESO	WCA-3	Interior	0.00061	0.00142	0.00018	0.00027	0.00039	0.00004	0.00853	37	0	NC
Un-ionized ammonia	mg/L	3ASMESO	WCA-3	Interior	0.00072	0.00151	0.00022	0.00035	0.00050	0.00005	0.00922	37	0	NC
Un-ionized ammonia	mg/L	3AW05	WCA-3	Interior	0.00033	0.00029	0.00012	0.00021	0.00035	0.00007	0.00097	19	0	--
Un-ionized ammonia	mg/L	3AW10	WCA-3	Interior	0.00029	0.00028	0.00013	0.00022	0.00035	0.00008	0.00143	28	0	NC
Un-ionized ammonia	mg/L	3AW15	WCA-3	Interior	0.00037	0.00053	0.00018	0.00024	0.00043	0.00009	0.00304	29	0	NC
Un-ionized ammonia	mg/L	3AW20	WCA-3	Interior	0.00039	0.00055	0.00018	0.00026	0.00037	0.00010	0.00307	31	0	NC
Un-ionized ammonia	mg/L	3AW30	WCA-3	Interior	0.00031	0.00010		0.00031		0.00024	0.00038	2	0	--
Un-ionized ammonia	mg/L	3AW40	WCA-3	Interior	0.00065	0.00099	0.00025	0.00041	0.00062	0.00007	0.00594	34	0	NC
Un-ionized ammonia	mg/L	CA311	WCA-3	Interior	0.00017	0.00027	0.00006	0.00010	0.00017	0.00003	0.00174	51	0	NC
Un-ionized ammonia	mg/L	CA315	WCA-3	Interior	0.00017	0.00017	0.00005	0.00010	0.00024	0.00002	0.00079	57	0	NC
Un-ionized ammonia	mg/L	CA316	WCA-3	Interior	0.00016	0.00015	0.00005	0.00012	0.00021	0.00001	0.00085	54	0	NC
Un-ionized ammonia	mg/L	CA317	WCA-3	Interior	0.00039	0.00041	0.00013	0.00027	0.00045	0.00007	0.00265	70	0	NC
Un-ionized ammonia	mg/L	CA318	WCA-3	Interior	0.00023	0.00029	0.00007	0.00012	0.00028	0.00001	0.00157	63	0	NC
Un-ionized ammonia	mg/L	CA32	WCA-3	Interior	0.00013	0.00011	0.00005	0.00009	0.00019	0.00002	0.00046	30	0	NC
Un-ionized ammonia	mg/L	CA33	WCA-3	Interior	0.00015	0.00014	0.00006	0.00011	0.00019	0.00003	0.00075	36	0	NC
Un-ionized ammonia	mg/L	CA34	WCA-3	Interior	0.00013	0.00009	0.00006	0.00010	0.00018	0.00004	0.00041	37	0	NC
Un-ionized ammonia	mg/L	CA35	WCA-3	Interior	0.00025	0.00014	0.00012	0.00021	0.00032	0.00009	0.00058	22	0	--
Un-ionized ammonia	mg/L	CA36	WCA-3	Interior	0.00026	0.00025	0.00014	0.00022	0.00026	0.00008	0.00123	19	0	--
Un-ionized ammonia	mg/L	CA38	WCA-3	Interior	0.00019	0.00019	0.00007	0.00015	0.00023	0.00004	0.00089	35	0	NC
Un-ionized ammonia	mg/L	S12A	WCA-3	Outflow	0.00055	0.00073	0.00020	0.00031	0.00059	0.00003	0.00488	78	0	NC
Un-ionized ammonia	mg/L	S12B	WCA-3	Outflow	0.00059	0.00071	0.00019	0.00034	0.00065	0.00005	0.00437	80	0	NC
Un-ionized ammonia	mg/L	S12C	WCA-3	Outflow	0.00060	0.00068	0.00022	0.00038	0.00060	0.00004	0.00342	85	0	NC
Un-ionized ammonia	mg/L	S12D	WCA-3	Outflow	0.00071	0.00077	0.00025	0.00051	0.00091	0.00002	0.00586	117	0	NC
Un-ionized ammonia	mg/L	S197	WCA-3	Outflow	0.00088	0.00064	0.00028	0.00073	0.00129	0.00003	0.00203	18	0	--
Un-ionized ammonia	mg/L	S31	WCA-3	Outflow	0.00170	0.00124	0.00076	0.00130	0.00241	0.00005	0.00489	41	0	NC
Un-ionized ammonia	mg/L	S333	WCA-3	Outflow	0.00077	0.00071	0.00030	0.00050	0.00094	0.00004	0.00356	103	0	NC
Un-ionized ammonia	mg/L	S334	WCA-3	Outflow	0.00279	0.00282	0.00072	0.00167	0.00353	0.00004	0.01207	70	0	NC
Un-ionized ammonia	mg/L	S344	WCA-3	Outflow	0.00037	0.00044	0.00014	0.00022	0.00047	0.00002	0.00197	18	0	--
Un-ionized ammonia	mg/L	S355A	WCA-3	Outflow	0.00203	0.00595	0.00013	0.00024	0.00077	0.00004	0.03392	51	3.9±4.5	MC
Un-ionized ammonia	mg/L	S355B	WCA-3	Outflow	0.00175	0.00343	0.00013	0.00037	0.00243	0.00003	0.02153	51	2.0±3.2	MC

Variable	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	US41-25	WCA-3	Outflow	0.00082	0.00078	0.00032	0.00053	0.00104	0.00004	0.00375	97	0	NC
Un-ionized ammonia	mg/L	S12A	Park	Inflow	0.00055	0.00073	0.00020	0.00031	0.00059	0.00003	0.00488	78	0	NC
Un-ionized ammonia	mg/L	S12B	Park	Inflow	0.00059	0.00071	0.00019	0.00034	0.00065	0.00005	0.00437	80	0	NC
Un-ionized ammonia	mg/L	S12C	Park	Inflow	0.00060	0.00068	0.00022	0.00038	0.00060	0.00004	0.00342	85	0	NC
Un-ionized ammonia	mg/L	S12D	Park	Inflow	0.00071	0.00077	0.00025	0.00051	0.00091	0.00002	0.00586	117	0	NC
Un-ionized ammonia	mg/L	S175	Park	Inflow	0.00302	0.00257	0.00140	0.00247	0.00362	0.00059	0.01592	88	0	NC
Un-ionized ammonia	mg/L	S18C	Park	Inflow	0.00097	0.00069	0.00054	0.00082	0.00116	0.00007	0.00412	99	0	NC
Un-ionized ammonia	mg/L	S332	Park	Inflow	0.00326	0.00260	0.00145	0.00293	0.00367	0.00013	0.01249	110	0	NC
Un-ionized ammonia	mg/L	S332D	Park	Inflow	0.00311	0.00156	0.00193	0.00272	0.00414	0.00106	0.00753	101	0	NC
Un-ionized ammonia	mg/L	S333	Park	Inflow	0.00077	0.00071	0.00030	0.00050	0.00094	0.00004	0.00356	103	0	NC
Un-ionized ammonia	mg/L	S355A	Park	Inflow	0.00203	0.00595	0.00013	0.00024	0.00077	0.00004	0.03392	51	3.9±4.5	MC
Un-ionized ammonia	mg/L	S355B	Park	Inflow	0.00175	0.00343	0.00013	0.00037	0.00243	0.00003	0.02153	51	2.0±3.2	MC
Un-ionized ammonia	mg/L	T0E	Park	Inflow	0.00318	0.00232	0.00124	0.00307	0.00460	0.00069	0.00870	12	0	--
Un-ionized ammonia	mg/L	T0W	Park	Inflow	0.00345	0.00196	0.00218	0.00304	0.00419	0.00087	0.00796	10	0	--
Un-ionized ammonia	mg/L	EP	Park	Interior	0.00181	0.00199	0.00053	0.00131	0.00213	0.00023	0.01063	39	0	NC
Un-ionized ammonia	mg/L	NE1	Park	Interior	0.00147	0.00376	0.00033	0.00057	0.00098	0.0000012	0.02757	56	1.8±2.9	MC
Un-ionized ammonia	mg/L	NP201	Park	Interior	0.00112	0.00126	0.00047	0.00074	0.00107	0.00006	0.00573	53	0	NC
Un-ionized ammonia	mg/L	P33	Park	Interior	0.00178	0.00382	0.00044	0.00065	0.00113	0.00015	0.02258	56	1.8±2.9	MC
Un-ionized ammonia	mg/L	P34	Park	Interior	0.00071	0.00112	0.00033	0.00043	0.00066	0.00020	0.00747	42	0	NC
Un-ionized ammonia	mg/L	P35	Park	Interior	0.00055	0.00057	0.00021	0.00036	0.00060	0.00008	0.00300	39	0	NC
Un-ionized ammonia	mg/L	P36	Park	Interior	0.00143	0.00141	0.00059	0.00093	0.00166	0.00025	0.00780	54	0	NC
Un-ionized ammonia	mg/L	P37	Park	Interior	0.00250	0.00259	0.00105	0.00153	0.00302	0.00024	0.00980	41	0	NC
Un-ionized ammonia	mg/L	T05E	Park	Interior	0.00097	0.00066	0.00050	0.00069	0.00140	0.00026	0.00238	10	0	--
Un-ionized ammonia	mg/L	T05W	Park	Interior	0.00066	0.00038	0.00034	0.00051	0.00109	0.00030	0.00122	8	0	--
Un-ionized ammonia	mg/L	T10E	Park	Interior	0.00035	0.00017	0.00019	0.00044	0.00046	0.00009	0.00055	7	0	--
Un-ionized ammonia	mg/L	T10W	Park	Interior	0.00045	0.00027	0.00025	0.00041	0.00058	0.00008	0.00099	8	0	--
Un-ionized ammonia	mg/L	T15E	Park	Interior	0.00045	0.00041	0.00016	0.00028	0.00065	0.00009	0.00132	8	0	--
Un-ionized ammonia	mg/L	T15W	Park	Interior	0.00054	0.00023	0.00034	0.00049	0.00070	0.00030	0.00098	8	0	--
Un-ionized ammonia	mg/L	T23	Park	Interior	0.00077	0.00087	0.00029	0.00050	0.00085	0.00012	0.00283	8	0	--
Un-ionized ammonia	mg/L	T24	Park	Interior	0.00043	0.00020	0.00032	0.00042	0.00055	0.00013	0.00080	8	0	--

Variable	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	T33	Park	Interior	0.00075	0.00196	0.00009	0.00023	0.00030	0.00001	0.00698	12	0	--
Un-ionized ammonia	mg/L	T34	Park	Interior	0.00031	0.00023	0.00010	0.00022	0.00051	0.00008	0.00070	8	0	--
Un-ionized ammonia	mg/L	TNMESO	Park	Interior	0.00054	0.00033	0.00028	0.00038	0.00079	0.00018	0.00121	12	0	--
Un-ionized ammonia	mg/L	TSB	Park	Interior	0.00040	0.00053	0.00013	0.00024	0.00042	0.00005	0.00303	44	0	NC
Un-ionized ammonia	mg/L	TSMESO	Park	Interior	0.00218	0.00238	0.00059	0.00135	0.00277	0.00043	0.00833	10	0	--