Appendix 2A-2: Summary of Water Year 1999 through Water Year 2003 Water Quality Monitoring Results at Individual Monitoring Stations

Florida Department of Environmental Protection

Table 1. Summary of WY1999-WY2003 water quality data and excursions from applicable criteria at individual monitoring stations in the EPA. Excursion categories of concern, potential concern, minimal concern, and no concern are denoted by "C", "PC", "MC", and "NC" respectively. 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	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	ACME1DS	Refuge	Inflow	66	183	41	62	162	186	208	306	0	NC
Alkalinity	mg/L	ENR012	Refuge	Inflow	131	229	47	129	194	232	269	339	0	NC
Alkalinity	mg/L	G310	Refuge	Inflow	72	239	47	136	199	248	274	317	0	NC
Alkalinity	mg/L	G94D	Refuge	Inflow	67	174	35	67	161	174	189	309	0	NC
Alkalinity	mg/L	L40-1	Refuge	Inflow	9	197	28	147	176	203	213	244	0	--
Alkalinity	mg/L	L40-2	Refuge	Inflow	9	166	12	149	155	164	177	184	0	--
Alkalinity	mg/L	S5A	Refuge	Inflow	44	199	89	72	122	175	294	359	0	NC
Alkalinity	mg/L	S5AS	Refuge	Inflow	22	168	50	98	130	162	211	278	0	--
Alkalinity	mg/L	S6	Refuge	Inflow	43	274	100	87	159	321	357	424	0	NC
Alkalinity	mg/L	ENR004	Refuge	Rim	27	204	47	135	170	198	239	320	0	--
Alkalinity	mg/L	S5AD	Refuge	Rim	59	215	88	97	134	198	302	370	0	NC
Alkalinity	mg/L	S6D	Refuge	Rim	43	249	64	144	189	250	293	376	0	NC
Alkalinity	mg/L	X0	Refuge	Rim	64	226	47	130	193	218	266	328	0	NC
Alkalinity	mg/L	Z0	Refuge	Rim	60	237	60	146	190	221	281	391	0	NC
Alkalinity	mg/L	LOX10	Refuge	Interior	24	116	57	48	64	104	161	249	0	--
Alkalinity	mg/L	LOX11	Refuge	Interior	36	11	4	5	9	11	12	26	94.4 ± 6.3	C
Alkalinity	mg/L	LOX12	Refuge	Interior	55	80	58	22	38	51	120	233	0	NC
Alkalinity	mg/L	LOX13	Refuge	Interior	35	12	3	6	11	12	13	19	100	C
Alkalinity	mg/L	LOX14	Refuge	Interior	44	34	19	14	21	26	43	97	13.6 ± 8.5	PC
Alkalinity	mg/L	LOX15	Refuge	Interior	52	113	61	31	57	96	174	241	0	NC
Alkalinity	mg/L	LOX16	Refuge	Interior	47	32	19	13	20	26	36	109	21.3 ± 9.8	C
Alkalinity	mg/L	LOX3	Refuge	Interior	9	15	6	9	10	14	18	28	88.9 ± 17.2	--
Alkalinity	mg/L	LOX4	Refuge	Interior	25	140	63	43	78	154	183	261	0	--
Alkalinity	mg/L	LOX5	Refuge	Interior	16	11	2	7	9	11	14	15	100	--
Alkalinity	mg/L	LOX6	Refuge	Interior	41	75	53	23	33	62	89	234	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Alkalinity	mg/L	LOX7	Refuge	Interior	36	17	7	9	12	15	19	36	77.8 ± 11.4	C
Alkalinity	mg/L	LOX8	Refuge	Interior	38	11	3	7	8	11	13	21	97.4 ± 4.3	C
Alkalinity	mg/L	LOX9	Refuge	Interior	23	28	20	14	17	22	30	94	34.8 ± 16.3	--
Alkalinity	mg/L	X1	Refuge	Interior	53	235	46	123	199	234	271	359	0	NC
Alkalinity	mg/L	X2	Refuge	Interior	52	199	49	88	164	195	238	314	0	NC
Alkalinity	mg/L	X3	Refuge	Interior	51	170	56	61	134	169	216	263	0	NC
Alkalinity	mg/L	X4	Refuge	Interior	52	100	44	31	68	95	129	215	0	NC
Alkalinity	mg/L	Y4	Refuge	Interior	53	115	54	30	63	120	154	243	0	NC
Alkalinity	mg/L	Z1	Refuge	Interior	54	247	45	156	211	249	270	357	0	NC
Alkalinity	mg/L	Z2	Refuge	Interior	50	215	44	124	186	204	244	310	0	NC
Alkalinity	mg/L	Z3	Refuge	Interior	58	150	55	44	112	151	201	266	0	NC
Alkalinity	mg/L	Z4	Refuge	Interior	57	78	48	20	39	61	120	200	0	NC
Alkalinity	mg/L	G94B	Refuge	Outflow	59	152	57	46	111	149	187	307	0	NC
Alkalinity	mg/L	S10A	Refuge	Outflow	30	163	53	83	123	156	190	304	0	NC
Alkalinity	mg/L	S10C	Refuge	Outflow	27	220	77	86	160	190	293	340	0	--
Alkalinity	mg/L	S10D	Refuge	Outflow	61	233	75	86	178	224	285	397	0	NC
Alkalinity	mg/L	S10E	Refuge	Outflow	58	244	71	89	198	227	307	419	0	NC
Alkalinity	mg/L	S39	Refuge	Outflow	84	164	60	53	122	159	185	378	0	NC
Alkalinity	mg/L	E0	WCA-2	Inflow	62	276	64	162	216	280	326	401	0	NC
Alkalinity	mg/L	F0	WCA-2	Inflow	62	292	61	166	243	289	345	449	0	NC
Alkalinity	mg/L	G335	WCA-2	Inflow	48	293	42	194	269	307	327	354	0	NC
Alkalinity	mg/L	G339	WCA-2	Inflow	1	295	--	295	--	295	--	295	0	--
Alkalinity	mg/L	S10A	WCA-2	Inflow	30	163	53	83	123	156	190	304	0	NC
Alkalinity	mg/L	S10C	WCA-2	Inflow	27	220	77	86	160	190	293	340	0	--
Alkalinity	mg/L	S10D	WCA-2	Inflow	61	233	75	86	178	224	285	397	0	NC
Alkalinity	mg/L	S10E	WCA-2	Inflow	58	244	71	89	198	227	307	419	0	NC
Alkalinity	mg/L	S38B	WCA-2	Inflow	21	186	41	132	162	173	222	271	0	--
Alkalinity	mg/L	S7	WCA-2	Inflow	78	256	80	10	194	283	323	367	1.3 ± 2.1	MC
Alkalinity	mg/L	CA215	WCA-2	Interior	84	215	43	140	185	216	249	310	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	CA27	WCA-2	Interior	65	196	82	40	120	217	271	314	0	NC
Alkalinity	mg/L	CA28	WCA-2	Interior	48	299	51	159	266	297	328	414	0	NC
Alkalinity	mg/L	CA29	WCA-2	Interior	71	192	60	5	160	199	240	290	1.4 ± 2.3	MC
Alkalinity	mg/L	E1	WCA-2	Interior	47	252	55	145	221	249	285	400	0	NC
Alkalinity	mg/L	E2	WCA-2	Interior	36	226	44	130	197	225	252	335	0	NC
Alkalinity	mg/L	E3	WCA-2	Interior	39	225	43	129	191	222	256	327	0	NC
Alkalinity	mg/L	E4	WCA-2	Interior	47	208	49	122	169	205	237	323	0	NC
Alkalinity	mg/L	E5	WCA-2	Interior	46	202	44	128	170	197	241	284	0	NC
Alkalinity	mg/L	F1	WCA-2	Interior	93	285	54	175	251	285	316	462	0	NC
Alkalinity	mg/L	F2	WCA-2	Interior	125	273	61	129	229	272	308	476	0	NC
Alkalinity	mg/L	F3	WCA-2	Interior	50	256	57	136	209	270	296	364	0	NC
Alkalinity	mg/L	F4	WCA-2	Interior	118	240	51	138	200	235	280	355	0	NC
Alkalinity	mg/L	F5	WCA-2	Interior	51	226	55	78	181	227	277	321	0	NC
Alkalinity	mg/L	S144	WCA-2	Interior	51	187	42	86	161	197	220	247	0	NC
Alkalinity	mg/L	S145	WCA-2	Interior	83	179	42	70	153	180	207	274	0	NC
Alkalinity	mg/L	S146	WCA-2	Interior	49	172	47	71	138	179	216	248	0	NC
Alkalinity	mg/L	U1	WCA-2	Interior	51	185	36	112	163	182	215	260	0	NC
Alkalinity	mg/L	U2	WCA-2	Interior	48	206	41	115	182	210	236	284	0	NC
Alkalinity	mg/L	U3	WCA-2	Interior	49	210	45	119	172	213	253	296	0	NC
Alkalinity	mg/L	S11A	WCA-2	Outflow	68	197	50	124	155	191	225	333	0	NC
Alkalinity	mg/L	S11B	WCA-2	Outflow	34	188	45	114	157	188	213	329	0	NC
Alkalinity	mg/L	S11C	WCA-2	Outflow	69	218	51	85	183	219	250	333	0	NC
Alkalinity	mg/L	S34	WCA-2	Outflow	75	208	37	122	189	208	228	326	0	NC
Alkalinity	mg/L	S38	WCA-2	Outflow	78	167	38	84	138	163	196	286	0	NC
Alkalinity	mg/L	3AE0	WCA-3	Inflow	26	198	38	122	171	205	228	268	0	--
Alkalinity	mg/L	3AW0	WCA-3	Inflow	26	199	39	126	173	207	228	270	0	--
Alkalinity	mg/L	C123SR84	WCA-3	Inflow	72	199	41	90	177	200	220	347	0	NC
Alkalinity	mg/L	G123	WCA-3	Inflow	55	227	41	130	200	223	260	334	0	NC
Alkalinity	mg/L	L3	WCA-3	Inflow	36	170	38	99	146	172	202	240	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Alkalinity	mg/L	S11A	WCA-3	Inflow	68	197	50	124	155	191	225	333	0	NC
Alkalinity	mg/L	S11B	WCA-3	Inflow	34	188	45	114	157	188	213	329	0	NC
Alkalinity	mg/L	S11C	WCA-3	Inflow	69	218	51	85	183	219	250	333	0	NC
Alkalinity	mg/L	S140	WCA-3	Inflow	82	179	31	87	156	179	203	252	0	NC
Alkalinity	mg/L	S142	WCA-3	Inflow	82	231	47	121	201	232	256	357	0	NC
Alkalinity	mg/L	S150	WCA-3	Inflow	62	244	72	1	198	263	293	366	0	NC
Alkalinity	mg/L	S151	WCA-3	Inflow	82	214	40	124	189	211	244	305	0	NC
Alkalinity	mg/L	S190	WCA-3	Inflow	75	222	41	117	202	227	249	307	0	NC
Alkalinity	mg/L	S8	WCA-3	Inflow	73	222	52	85	201	230	258	312	0	NC
Alkalinity	mg/L	S9	WCA-3	Inflow	85	251	22	176	237	252	270	294	0	NC
Alkalinity	mg/L	3AE05	WCA-3	Interior	14	194	39	134	156	198	231	249	0	--
Alkalinity	mg/L	3AE10	WCA-3	Interior	17	195	35	149	156	212	223	248	0	--
Alkalinity	mg/L	3AE15	WCA-3	Interior	20	188	35	135	155	196	217	247	0	--
Alkalinity	mg/L	3AE20	WCA-3	Interior	23	189	34	114	161	198	218	241	0	--
Alkalinity	mg/L	3AE40	WCA-3	Interior	22	175	32	118	149	173	189	249	0	--
Alkalinity	mg/L	3ANMESO	WCA-3	Interior	27	158	26	95	141	163	171	225	0	--
Alkalinity	mg/L	3ASMESO	WCA-3	Interior	27	141	24	76	128	143	152	191	0	--
Alkalinity	mg/L	3AW05	WCA-3	Interior	12	200	43	135	159	209	239	251	0	--
Alkalinity	mg/L	3AW10	WCA-3	Interior	19	196	36	142	160	189	232	246	0	--
Alkalinity	mg/L	3AW15	WCA-3	Interior	20	188	43	105	142	204	224	246	0	--
Alkalinity	mg/L	3AW20	WCA-3	Interior	22	181	33	124	148	183	209	233	0	--
Alkalinity	mg/L	3AW30	WCA-3	Interior	2	162	9	155	--	162	--	168	0	--
Alkalinity	mg/L	3AW40	WCA-3	Interior	23	157	27	94	138	156	184	191	0	--
Alkalinity	mg/L	CA311	WCA-3	Interior	81	130	27	71	115	127	147	192	0	NC
Alkalinity	mg/L	CA315	WCA-3	Interior	92	111	21	67	96	111	127	199	0	NC
Alkalinity	mg/L	CA316	WCA-3	Interior	52	196	37	128	163	203	227	273	0	NC
Alkalinity	mg/L	CA317	WCA-3	Interior	72	174	20	127	160	169	185	267	0	NC
Alkalinity	mg/L	CA318	WCA-3	Interior	60	192	17	154	181	192	204	222	0	NC
Alkalinity	mg/L	CA32	WCA-3	Interior	51	148	45	72	115	140	190	258	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Alkalinity	mg/L	CA33	WCA-3	Interior	63	204	45	129	173	203	233	320	0	NC
Alkalinity	mg/L	CA34	WCA-3	Interior	66	192	30	135	166	196	212	248	0	NC
Alkalinity	mg/L	CA35	WCA-3	Interior	37	154	39	53	127	161	177	258	0	NC
Alkalinity	mg/L	CA36	WCA-3	Interior	36	236	34	167	215	236	251	305	0	NC
Alkalinity	mg/L	CA38	WCA-3	Interior	64	132	30	3	117	131	153	181	1.6 ± 2.5	MC
Alkalinity	mg/L	S12A	WCA-3	Outflow	76	119	25	72	103	115	129	192	0	NC
Alkalinity	mg/L	S12B	WCA-3	Outflow	78	124	27	70	107	119	135	213	0	NC
Alkalinity	mg/L	S12C	WCA-3	Outflow	85	138	29	64	117	137	158	217	0	NC
Alkalinity	mg/L	S12D	WCA-3	Outflow	103	160	32	101	129	163	188	236	0	NC
Alkalinity	mg/L	S197	WCA-3	Outflow	18	186	14	150	182	190	196	201	0	--
Alkalinity	mg/L	S31	WCA-3	Outflow	55	221	31	130	206	223	242	288	0	NC
Alkalinity	mg/L	S333	WCA-3	Outflow	100	172	25	101	152	172	189	242	0	NC
Alkalinity	mg/L	S334	WCA-3	Outflow	67	183	25	134	166	181	205	231	0	NC
Alkalinity	mg/L	S344	WCA-3	Outflow	19	110	32	53	91	109	143	165	0	--
Alkalinity	mg/L	S355A	WCA-3	Outflow	37	128	32	81	98	122	158	185	0	NC
Alkalinity	mg/L	S355B	WCA-3	Outflow	37	151	30	104	123	160	174	204	0	NC
Alkalinity	mg/L	US41-25	WCA-3	Outflow	93	153	42	77	116	148	191	258	0	NC
Alkalinity	mg/L	S12A	Park	Inflow	76	119	25	72	103	115	129	192	0	NC
Alkalinity	mg/L	S12B	Park	Inflow	78	124	27	70	107	119	135	213	0	NC
Alkalinity	mg/L	S12C	Park	Inflow	85	138	29	64	117	137	158	217	0	NC
Alkalinity	mg/L	S12D	Park	Inflow	103	160	32	101	129	163	188	236	0	NC
Alkalinity	mg/L	S175	Park	Inflow	64	203	12	179	194	201	209	239	0	NC
Alkalinity	mg/L	S18C	Park	Inflow	96	200	13	128	194	201	205	246	0	NC
Alkalinity	mg/L	S332	Park	Inflow	86	203	11	182	194	202	208	245	0	NC
Alkalinity	mg/L	S332D	Park	Inflow	55	215	18	186	205	211	218	282	0	NC
Alkalinity	mg/L	S333	Park	Inflow	100	172	25	101	152	172	189	242	0	NC
Alkalinity	mg/L	S355A	Park	Inflow	37	128	32	81	98	122	158	185	0	NC
Alkalinity	mg/L	S355B	Park	Inflow	37	151	30	104	123	160	174	204	0	NC
Alkalinity	mg/L	T0E	Park	Inflow	13	205	10	182	199	205	214	216	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Alkalinity	mg/L	T0W	Park	Inflow	14	204	15	168	198	204	215	228	0	--
Alkalinity	mg/L	EP	Park	Interior	39	169	13	137	159	172	179	189	0	NC
Alkalinity	mg/L	NE1	Park	Interior	56	162	39	56	139	161	187	240	0	NC
Alkalinity	mg/L	NP201	Park	Interior	52	157	26	104	136	155	177	214	0	NC
Alkalinity	mg/L	P33	Park	Interior	57	170	30	105	150	166	191	264	0	NC
Alkalinity	mg/L	P34	Park	Interior	39	133	32	91	111	125	144	226	0	NC
Alkalinity	mg/L	P35	Park	Interior	38	145	26	102	128	145	157	211	0	NC
Alkalinity	mg/L	P36	Park	Interior	55	159	25	120	136	158	181	205	0	NC
Alkalinity	mg/L	P37	Park	Interior	38	124	42	76	101	111	150	255	0	NC
Alkalinity	mg/L	T05E	Park	Interior	11	201	38	101	191	211	218	254	0	--
Alkalinity	mg/L	T05W	Park	Interior	8	189	38	101	185	199	214	214	0	--
Alkalinity	mg/L	T10E	Park	Interior	7	184	31	117	181	198	201	206	0	--
Alkalinity	mg/L	T10W	Park	Interior	10	195	35	113	187	200	209	254	0	--
Alkalinity	mg/L	T15E	Park	Interior	8	177	39	107	146	185	212	217	0	--
Alkalinity	mg/L	T15W	Park	Interior	8	166	29	105	155	174	189	194	0	--
Alkalinity	mg/L	T23	Park	Interior	8	143	31	85	129	142	173	181	0	--
Alkalinity	mg/L	T24	Park	Interior	8	134	30	88	118	124	164	179	0	--
Alkalinity	mg/L	T33	Park	Interior	13	153	36	107	118	155	181	218	0	--
Alkalinity	mg/L	T34	Park	Interior	9	134	27	95	113	123	160	169	0	--
Alkalinity	mg/L	TNMESO	Park	Interior	13	139	22	97	123	140	152	179	0	--
Alkalinity	mg/L	TSB	Park	Interior	44	171	30	101	149	172	194	237	0	NC
Alkalinity	mg/L	TSMESO	Park	Interior	12	93	28	66	72	83	113	154	0	--
Chromium III	µg/L	ENR012	Refuge	Inflow	4	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	0	--
Chromium III	µg/L	ENR004	Refuge	Rim	4	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	0	--
Chromium VI	µg/L	ENR012	Refuge	Inflow	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Chromium VI	µg/L	ENR004	Refuge	Rim	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Dissolved Oxygen	mg/L	ACME1DS	Refuge	Inflow	66	5.21	2.06	0.81	3.97	5.35	6.33	12.01	42.4 ± 10	C
Dissolved Oxygen	mg/L	ENR012	Refuge	Inflow	297	2.95	1.63	0.08	1.76	2.83	4.13	7.31	88.9 ± 3	C
Dissolved Oxygen	mg/L	G300	Refuge	Inflow	14	3.30	1.60	1.40	2.10	2.69	4.64	6.41	78.6 ± 18	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Dissolved Oxygen	mg/L	G301	Refuge	Inflow	8	2.33	1.64	1.09	1.25	1.60	3.7	5.51	87.5 ± 19.2	--
Dissolved Oxygen	mg/L	G310	Refuge	Inflow	152	3.40	1.83	0.05	2.00	3.22	4.52	9.5	80.3 ± 5.3	C
Dissolved Oxygen	mg/L	G94D	Refuge	Inflow	67	4.49	2.16	1.06	3.02	4.37	5.67	10.2	61.2 ± 9.8	C
Dissolved Oxygen	mg/L	L40-1	Refuge	Inflow	9	4.20	2.21	1.71	2.53	3.82	6.2	8.24	66.7 ± 25.8	--
Dissolved Oxygen	mg/L	L40-2	Refuge	Inflow	9	1.83	1.44	0.80	1.01	1.49	1.77	5.55	88.9 ± 17.2	--
Dissolved Oxygen	mg/L	S5A	Refuge	Inflow	124	4.46	2.38	0.16	2.06	4.96	6.21	10	50.8 ± 7.4	C
Dissolved Oxygen	mg/L	S5AS	Refuge	Inflow	22	4.26	2.50	0.54	2.04	3.71	6.81	8.66	68.2 ± 16.3	--
Dissolved Oxygen	mg/L	S6	Refuge	Inflow	157	4.16	2.25	1.08	2.36	3.58	5.88	13.1	68.8 ± 6.1	C
Dissolved Oxygen	mg/L	ENR004	Refuge	Rim	53	3.19	1.50	0.17	2.19	3.35	4.27	7.51	92.5 ± 6	C
Dissolved Oxygen	mg/L	S5AD	Refuge	Rim	58	4.56	2.16	0.98	2.58	4.26	6.36	9	58.6 ± 10.6	C
Dissolved Oxygen	mg/L	S6D	Refuge	Rim	42	3.72	1.90	0.32	2.18	3.60	5.38	6.98	66.7 ± 12	C
Dissolved Oxygen	mg/L	X0	Refuge	Rim	60	3.63	1.56	0.86	2.53	3.51	4.72	8.17	78.3 ± 8.7	C
Dissolved Oxygen	mg/L	Z0	Refuge	Rim	60	3.74	1.66	0.73	2.33	3.74	4.74	8.29	78.3 ± 8.7	C
Dissolved Oxygen	mg/L	LOX10	Refuge	Interior	35	4.11	1.59	1.89	3.00	3.57	5.16	8.28	74.3 ± 12.2	C
Dissolved Oxygen	mg/L	LOX11	Refuge	Interior	51	3.12	1.76	0.40	1.97	3.10	4.05	8.73	88.2 ± 7.4	C
Dissolved Oxygen	mg/L	LOX12	Refuge	Interior	63	3.32	1.68	0.44	1.93	3.15	4.69	8.37	81 ± 8.1	C
Dissolved Oxygen	mg/L	LOX13	Refuge	Interior	49	3.76	1.93	0.35	2.09	3.65	5.4	8.89	71.4 ± 10.6	C
Dissolved Oxygen	mg/L	LOX14	Refuge	Interior	58	2.70	1.62	0.50	1.50	2.29	3.67	6.47	84.5 ± 7.8	C
Dissolved Oxygen	mg/L	LOX15	Refuge	Interior	61	3.54	1.43	1.23	2.51	3.24	4.49	8.38	80.3 ± 8.4	C
Dissolved Oxygen	mg/L	LOX16	Refuge	Interior	56	1.99	1.14	0.25	1.11	1.86	2.71	5.39	98.2 ± 2.9	C
Dissolved Oxygen	mg/L	LOX3	Refuge	Interior	26	4.79	2.07	1.45	2.89	4.53	6.62	8.63	57.7 ± 15.9	--
Dissolved Oxygen	mg/L	LOX4	Refuge	Interior	36	3.07	1.46	0.33	1.97	3.05	3.85	7.83	91.7 ± 7.6	C
Dissolved Oxygen	mg/L	LOX5	Refuge	Interior	38	4.35	2.13	1.06	2.84	3.82	5.57	9.68	68.4 ± 12.4	C
Dissolved Oxygen	mg/L	LOX6	Refuge	Interior	53	3.44	1.98	0.36	1.63	3.10	4.88	8.52	79.2 ± 9.2	C
Dissolved Oxygen	mg/L	LOX7	Refuge	Interior	53	3.48	1.85	0.11	2.25	3.38	4.55	9.33	79.2 ± 9.2	C
Dissolved Oxygen	mg/L	LOX8	Refuge	Interior	54	3.85	2.04	0.06	2.36	3.63	4.77	10.03	77.8 ± 9.3	C
Dissolved Oxygen	mg/L	LOX9	Refuge	Interior	43	4.04	2.02	1.13	2.70	3.81	5.3	10.05	72.1 ± 11.3	C
Dissolved Oxygen	mg/L	X1	Refuge	Interior	51	1.47	1.30	0.20	0.48	1.15	1.85	6.36	96.1 ± 4.5	C
Dissolved Oxygen	mg/L	X2	Refuge	Interior	50	1.89	1.07	0.35	1.07	1.56	2.51	5.8	98 ± 3.3	C

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	X3	Refuge	Interior	50	2.66	1.43	0.50	1.48	2.46	3.35	6.05	90 ± 7	C
Dissolved Oxygen	mg/L	X4	Refuge	Interior	50	3.21	1.68	0.43	2.09	2.89	4.21	7.94	86 ± 8.1	C
Dissolved Oxygen	mg/L	Y4	Refuge	Interior	50	3.02	1.36	0.52	2.05	2.69	4.25	5.81	86 ± 8.1	C
Dissolved Oxygen	mg/L	Z1	Refuge	Interior	49	1.05	0.82	0.19	0.45	0.96	1.42	4.85	100	C
Dissolved Oxygen	mg/L	Z2	Refuge	Interior	46	1.73	1.00	0.19	0.85	1.75	2.3	4.7	100	C
Dissolved Oxygen	mg/L	Z3	Refuge	Interior	55	3.33	1.65	0.95	2.22	3.06	4.48	8.82	83.6 ± 8.2	C
Dissolved Oxygen	mg/L	Z4	Refuge	Interior	55	3.67	1.78	0.71	2.20	3.46	4.91	7.55	76.4 ± 9.4	C
Dissolved Oxygen	mg/L	G94B	Refuge	Outflow	59	2.62	1.76	0.16	1.45	2.44	4.01	6.5	86.4 ± 7.3	C
Dissolved Oxygen	mg/L	S10A	Refuge	Outflow	35	5.32	2.36	1.20	3.46	5.32	7.14	10.26	45.7 ± 13.9	C
Dissolved Oxygen	mg/L	S10C	Refuge	Outflow	32	4.53	2.13	0.61	3.09	4.54	5.54	9.88	65.6 ± 13.8	C
Dissolved Oxygen	mg/L	S10D	Refuge	Outflow	65	3.65	1.95	0.61	2.45	3.22	4.87	9.02	76.9 ± 8.6	C
Dissolved Oxygen	mg/L	S10E	Refuge	Outflow	56	3.93	2.06	0.21	2.24	3.63	5.62	8.63	71.4 ± 9.9	C
Dissolved Oxygen	mg/L	S39	Refuge	Outflow	85	5.16	2.19	0.83	3.11	5.38	6.84	9.55	44.7 ± 8.9	C
Dissolved Oxygen	mg/L	E0	WCA-2	Inflow	58	3.57	1.56	0.55	2.26	3.53	4.8	7.3	79.3 ± 8.7	C
Dissolved Oxygen	mg/L	F0	WCA-2	Inflow	60	2.80	1.59	0.51	1.58	2.51	3.98	6.82	91.7 ± 5.9	C
Dissolved Oxygen	mg/L	G335	WCA-2	Inflow	135	5.06	1.54	1.75	3.90	5.17	6.26	9	47.4 ± 7.1	C
Dissolved Oxygen	mg/L	G339	WCA-2	Inflow	1	1.91	--	1.91	--	1.91	--	1.91	100	--
Dissolved Oxygen	mg/L	S10A	WCA-2	Inflow	35	5.32	2.36	1.20	3.46	5.32	7.14	10.26	45.7 ± 13.9	C
Dissolved Oxygen	mg/L	S10C	WCA-2	Inflow	32	4.53	2.13	0.61	3.09	4.54	5.54	9.88	65.6 ± 13.8	C
Dissolved Oxygen	mg/L	S10D	WCA-2	Inflow	65	3.65	1.95	0.61	2.45	3.22	4.87	9.02	76.9 ± 8.6	C
Dissolved Oxygen	mg/L	S10E	WCA-2	Inflow	56	3.93	2.06	0.21	2.24	3.63	5.62	8.63	71.4 ± 9.9	C
Dissolved Oxygen	mg/L	S38B	WCA-2	Inflow	20	4.95	2.13	0.65	3.23	5.17	6.29	8.77	45 ± 18.3	--
Dissolved Oxygen	mg/L	S7	WCA-2	Inflow	99	4.39	2.41	0.33	2.35	4.14	6.31	9.51	57.6 ± 8.2	C
Dissolved Oxygen	mg/L	CA215	WCA-2	Interior	106	4.22	1.94	0.27	2.86	3.98	5.59	9.33	66 ± 7.6	C
Dissolved Oxygen	mg/L	CA27	WCA-2	Interior	88	3.59	2.03	0.31	2.03	3.42	4.54	9.53	83 ± 6.6	C
Dissolved Oxygen	mg/L	CA28	WCA-2	Interior	78	1.44	1.30	0.13	0.51	1.02	1.97	6.35	96.2 ± 3.6	C
Dissolved Oxygen	mg/L	CA29	WCA-2	Interior	100	3.62	1.85	0.23	2.21	3.48	4.44	9.66	82 ± 6.3	C
Dissolved Oxygen	mg/L	E1	WCA-2	Interior	43	2.13	1.66	0.31	1.00	1.64	2.45	8.54	95.3 ± 5.3	C
Dissolved Oxygen	mg/L	E2	WCA-2	Interior	33	2.18	1.69	0.49	0.84	1.62	3.22	6.95	90.9 ± 8.2	C

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Dissolved Oxygen	mg/L	E3	WCA-2	Interior	37	2.15	1.86	0.36	0.86	1.62	2.66	8.36	91.9 ± 7.4	C
Dissolved Oxygen	mg/L	E4	WCA-2	Interior	44	2.33	1.57	0.25	1.11	2.19	2.74	7.07	93.2 ± 6.3	C
Dissolved Oxygen	mg/L	E5	WCA-2	Interior	45	4.38	2.20	1.12	3.21	3.99	5.19	15.15	68.9 ± 11.4	C
Dissolved Oxygen	mg/L	F1	WCA-2	Interior	129	2.09	1.59	0.15	0.75	1.72	3.23	7.61	95.3 ± 3	C
Dissolved Oxygen	mg/L	F2	WCA-2	Interior	144	1.87	1.41	0.18	0.82	1.47	2.36	6.37	94.4 ± 3.1	C
Dissolved Oxygen	mg/L	F3	WCA-2	Interior	47	2.57	2.01	0.48	1.38	2.06	3.24	12.18	91.5 ± 6.7	C
Dissolved Oxygen	mg/L	F4	WCA-2	Interior	139	2.53	1.65	0.23	1.27	2.06	3.49	8.4	91.4 ± 3.9	C
Dissolved Oxygen	mg/L	F5	WCA-2	Interior	50	4.40	2.35	0.48	2.92	3.88	5.11	13.54	74 ± 10.2	C
Dissolved Oxygen	mg/L	S144	WCA-2	Interior	54	4.54	1.90	1.46	3.29	4.13	5.49	11.28	68.5 ± 10.4	C
Dissolved Oxygen	mg/L	S145	WCA-2	Interior	80	4.44	1.70	1.33	3.19	4.14	5.68	9.43	67.5 ± 8.6	C
Dissolved Oxygen	mg/L	S146	WCA-2	Interior	51	4.24	1.45	1.90	3.04	4.05	5.17	9.75	72.5 ± 10.3	C
Dissolved Oxygen	mg/L	U1	WCA-2	Interior	51	3.55	2.34	1.02	2.05	2.86	4.72	14.19	82.4 ± 8.8	C
Dissolved Oxygen	mg/L	U2	WCA-2	Interior	47	5.47	2.57	1.43	3.62	5.47	6.5	16.11	44.7 ± 11.9	C
Dissolved Oxygen	mg/L	U3	WCA-2	Interior	47	4.75	1.91	1.90	3.46	4.63	5.8	12.18	57.4 ± 11.9	C
Dissolved Oxygen	mg/L	S11A	WCA-2	Outflow	64	5.22	2.07	1.28	3.27	5.61	6.83	8.84	42.2 ± 10.2	C
Dissolved Oxygen	mg/L	S11B	WCA-2	Outflow	34	4.35	2.00	0.58	2.78	4.37	6.1	7.68	58.8 ± 13.9	C
Dissolved Oxygen	mg/L	S11C	WCA-2	Outflow	67	3.69	1.97	0.79	2.00	3.15	5.22	8.58	71.6 ± 9.1	C
Dissolved Oxygen	mg/L	S34	WCA-2	Outflow	73	4.11	2.06	0.70	2.29	4.42	5.65	7.71	58.9 ± 9.5	C
Dissolved Oxygen	mg/L	S38	WCA-2	Outflow	75	3.74	2.08	1.16	2.21	3.15	5.01	10.31	74.7 ± 8.3	C
Dissolved Oxygen	mg/L	3AE0	WCA-3	Inflow	26	7.41	2.05	3.10	6.21	7.75	8.55	13.03	11.5 ± 10.3	--
Dissolved Oxygen	mg/L	3AW0	WCA-3	Inflow	27	7.73	1.79	3.04	6.75	7.47	8.91	12.77	3.7 ± 6	--
Dissolved Oxygen	mg/L	C123SR84	WCA-3	Inflow	76	4.03	2.29	0.90	2.09	3.75	5.65	12.03	68.4 ± 8.8	C
Dissolved Oxygen	mg/L	G123	WCA-3	Inflow	75	3.87	2.38	0.52	1.58	3.93	5.54	10.69	66.7 ± 9	C
Dissolved Oxygen	mg/L	G204	WCA-3	Inflow	17	3.24	2.03	0.86	1.63	2.76	5.43	7.12	70.6 ± 18.2	--
Dissolved Oxygen	mg/L	G205	WCA-3	Inflow	20	3.24	2.11	0.18	1.43	3.06	5.47	6.32	75 ± 15.9	--
Dissolved Oxygen	mg/L	G206	WCA-3	Inflow	19	3.40	1.74	0.88	1.93	3.11	4.8	6.63	84.2 ± 13.8	--
Dissolved Oxygen	mg/L	L3	WCA-3	Inflow	56	3.09	2.14	0.17	1.11	3.11	4.48	10.24	82.1 ± 8.4	C
Dissolved Oxygen	mg/L	S11A	WCA-3	Inflow	64	5.22	2.07	1.28	3.27	5.61	6.83	8.84	42.2 ± 10.2	C
Dissolved Oxygen	mg/L	S11B	WCA-3	Inflow	34	4.35	2.00	0.58	2.78	4.37	6.1	7.68	58.8 ± 13.9	C

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Dissolved Oxygen	mg/L	S11C	WCA-3	Inflow	67	3.69	1.97	0.79	2.00	3.15	5.22	8.58	71.6 ± 9.1	C
Dissolved Oxygen	mg/L	S140	WCA-3	Inflow	96	4.15	2.47	0.60	1.92	4.00	6.17	10	59.4 ± 8.2	C
Dissolved Oxygen	mg/L	S142	WCA-3	Inflow	81	3.16	1.87	0.25	1.66	3.11	4.13	7.89	82.7 ± 6.9	C
Dissolved Oxygen	mg/L	S150	WCA-3	Inflow	77	4.85	2.29	0.53	2.96	4.93	6.85	9.66	51.9 ± 9.4	C
Dissolved Oxygen	mg/L	S151	WCA-3	Inflow	84	3.19	1.90	0.61	1.73	2.66	4.53	11.61	85.7 ± 6.3	C
Dissolved Oxygen	mg/L	S190	WCA-3	Inflow	76	5.58	2.15	1.58	3.78	6.00	7.24	10.31	39.5 ± 9.2	C
Dissolved Oxygen	mg/L	S8	WCA-3	Inflow	278	4.62	2.44	0.18	2.56	4.53	6.41	13.53	57.2 ± 4.9	C
Dissolved Oxygen	mg/L	S9	WCA-3	Inflow	249	2.68	1.49	0.12	1.49	2.57	3.63	8.45	94 ± 2.5	C
Dissolved Oxygen	mg/L	3AE05	WCA-3	Interior	14	2.86	1.61	0.95	1.41	2.36	4.36	5.89	85.7 ± 15.4	--
Dissolved Oxygen	mg/L	3AE10	WCA-3	Interior	17	2.02	1.87	0.26	0.72	1.49	2.61	7.3	94.1 ± 9.4	--
Dissolved Oxygen	mg/L	3AE15	WCA-3	Interior	20	2.02	1.64	0.36	1.13	1.52	2.61	7.75	95 ± 8	--
Dissolved Oxygen	mg/L	3AE20	WCA-3	Interior	23	4.54	2.08	1.57	2.95	3.73	5.6	10.01	65.2 ± 16.3	--
Dissolved Oxygen	mg/L	3AE40	WCA-3	Interior	22	4.69	1.74	1.61	3.69	4.68	5.62	8.25	63.6 ± 16.9	--
Dissolved Oxygen	mg/L	3ANMESO	WCA-3	Interior	27	3.27	2.48	0.37	1.78	2.55	4.21	10.85	81.5 ± 12.3	--
Dissolved Oxygen	mg/L	3ASMESO	WCA-3	Interior	27	3.59	2.77	0.35	1.29	2.82	5.72	10.84	70.4 ± 14.5	--
Dissolved Oxygen	mg/L	3AW05	WCA-3	Interior	12	1.71	0.78	0.27	1.19	1.61	2.38	2.93	100	--
Dissolved Oxygen	mg/L	3AW10	WCA-3	Interior	20	2.59	1.80	0.19	1.13	2.38	3.91	7.28	90 ± 11	--
Dissolved Oxygen	mg/L	3AW15	WCA-3	Interior	20	1.96	1.60	0.20	0.68	1.60	2.23	5.97	90 ± 11	--
Dissolved Oxygen	mg/L	3AW20	WCA-3	Interior	22	2.53	1.72	0.45	1.51	1.88	3.29	8.04	90.9 ± 10.1	--
Dissolved Oxygen	mg/L	3AW30	WCA-3	Interior	2	5.30	2.57	3.48	--	5.30	--	7.12	50 ± 58.2	--
Dissolved Oxygen	mg/L	3AW40	WCA-3	Interior	24	6.01	2.22	2.58	4.50	5.67	7.6	10.28	45.8 ± 16.7	--
Dissolved Oxygen	mg/L	CA311	WCA-3	Interior	108	3.73	1.77	0.37	2.28	3.66	4.82	10.32	77.8 ± 6.6	C
Dissolved Oxygen	mg/L	CA315	WCA-3	Interior	116	2.87	1.83	0.29	1.34	2.73	3.85	9.11	88.8 ± 4.8	C
Dissolved Oxygen	mg/L	CA316	WCA-3	Interior	60	1.75	1.10	0.42	0.88	1.60	2.24	5.06	98.3 ± 2.7	C
Dissolved Oxygen	mg/L	CA317	WCA-3	Interior	74	4.27	1.76	1.08	3.18	4.26	5.42	8.58	71.6 ± 8.6	C
Dissolved Oxygen	mg/L	CA318	WCA-3	Interior	67	2.67	1.92	0.21	1.02	2.18	3.96	7.71	89.6 ± 6.1	C
Dissolved Oxygen	mg/L	CA32	WCA-3	Interior	80	3.73	1.47	1.21	2.74	3.50	4.8	7.89	78.8 ± 7.5	C
Dissolved Oxygen	mg/L	CA33	WCA-3	Interior	83	2.87	1.41	0.45	2.00	2.67	3.64	8.3	92.8 ± 4.7	C
Dissolved Oxygen	mg/L	CA34	WCA-3	Interior	80	2.88	1.30	0.54	1.91	2.75	3.73	7.54	93.8 ± 4.5	C

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	CA35	WCA-3	Interior	57	3.89	1.49	1.08	2.82	3.88	4.96	8	75.4 ± 9.4	C
Dissolved Oxygen	mg/L	CA36	WCA-3	Interior	57	1.68	1.24	0.24	0.79	1.31	2.24	6.13	98.2 ± 2.9	C
Dissolved Oxygen	mg/L	CA38	WCA-3	Interior	89	3.38	1.40	1.02	2.37	3.08	4.29	7.85	86.5 ± 6	C
Dissolved Oxygen	mg/L	S12A	WCA-3	Outflow	132	3.89	1.40	1.25	2.79	3.75	4.7	7.68	78 ± 5.9	C
Dissolved Oxygen	mg/L	S12B	WCA-3	Outflow	132	3.96	1.49	1.18	2.79	3.70	5.04	8.45	73.5 ± 6.3	C
Dissolved Oxygen	mg/L	S12C	WCA-3	Outflow	132	3.44	1.44	0.44	2.40	3.28	4.49	7.66	84.1 ± 5.2	C
Dissolved Oxygen	mg/L	S12D	WCA-3	Outflow	134	3.21	1.36	0.40	2.10	3.07	4.02	8.22	91 ± 4.1	C
Dissolved Oxygen	mg/L	S197	WCA-3	Outflow	19	5.72	2.09	2.03	3.54	6.47	7.09	8.99	31.6 ± 17.5	--
Dissolved Oxygen	mg/L	S31	WCA-3	Outflow	56	2.98	1.89	0.45	1.49	2.42	4.31	8.96	87.5 ± 7.3	C
Dissolved Oxygen	mg/L	S333	WCA-3	Outflow	140	3.32	1.38	0.62	2.24	3.17	4.25	7.7	88.6 ± 4.4	C
Dissolved Oxygen	mg/L	S334	WCA-3	Outflow	70	4.06	2.16	0.42	2.33	4.20	5.39	8.94	65.7 ± 9.3	C
Dissolved Oxygen	mg/L	S344	WCA-3	Outflow	19	3.36	1.71	1.16	2.08	2.54	5.03	6.69	73.7 ± 16.6	--
Dissolved Oxygen	mg/L	S355A	WCA-3	Outflow	42	5.98	1.89	2.86	4.73	5.70	6.59	12.37	31 ± 11.7	C
Dissolved Oxygen	mg/L	S355B	WCA-3	Outflow	42	4.63	1.72	1.54	3.51	4.39	5.4	9.29	69 ± 11.7	C
Dissolved Oxygen	mg/L	US41-25	WCA-3	Outflow	125	2.85	0.99	1.10	2.24	2.75	3.35	6.47	95.2 ± 3.1	C
Dissolved Oxygen	mg/L	S12A	Park	Inflow	132	3.89	1.40	1.25	2.79	3.75	4.7	7.68	78 ± 5.9	C
Dissolved Oxygen	mg/L	S12B	Park	Inflow	132	3.96	1.49	1.18	2.79	3.70	5.04	8.45	73.5 ± 6.3	C
Dissolved Oxygen	mg/L	S12C	Park	Inflow	132	3.44	1.44	0.44	2.40	3.28	4.49	7.66	84.1 ± 5.2	C
Dissolved Oxygen	mg/L	S12D	Park	Inflow	134	3.21	1.36	0.40	2.10	3.07	4.02	8.22	91 ± 4.1	C
Dissolved Oxygen	mg/L	S175	Park	Inflow	148	3.89	1.78	0.01	2.52	4.35	5.11	8.38	69.6 ± 6.2	C
Dissolved Oxygen	mg/L	S18C	Park	Inflow	138	4.67	2.45	0.68	2.36	4.76	6.98	9.96	51.4 ± 7	C
Dissolved Oxygen	mg/L	S332	Park	Inflow	162	3.63	1.72	0.32	2.05	4.06	4.88	7.06	79 ± 5.3	C
Dissolved Oxygen	mg/L	S332D	Park	Inflow	186	2.41	1.88	0.17	0.80	1.96	3.58	8.27	89.8 ± 3.7	C
Dissolved Oxygen	mg/L	S333	Park	Inflow	140	3.32	1.38	0.62	2.24	3.17	4.25	7.7	88.6 ± 4.4	C
Dissolved Oxygen	mg/L	S355A	Park	Inflow	42	5.98	1.89	2.86	4.73	5.70	6.59	12.37	31 ± 11.7	C
Dissolved Oxygen	mg/L	S355B	Park	Inflow	42	4.63	1.72	1.54	3.51	4.39	5.4	9.29	69 ± 11.7	C
Dissolved Oxygen	mg/L	T0E	Park	Inflow	12	5.19	0.87	3.12	4.74	5.21	5.98	6.23	41.7 ± 23.4	--
Dissolved Oxygen	mg/L	T0W	Park	Inflow	12	5.08	1.18	2.36	4.47	5.35	5.54	6.92	33.3 ± 22.4	--
Dissolved Oxygen	mg/L	EP	Park	Interior	38	8.92	1.54	4.87	7.94	8.91	9.92	12.87	2.6 ± 4.3	MC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Dissolved Oxygen	mg/L	NE1	Park	Interior	54	3.19	1.64	0.27	1.60	3.29	4.36	6.52	85.2 ± 8	C
Dissolved Oxygen	mg/L	NP201	Park	Interior	50	4.69	1.58	0.70	3.50	4.73	5.7	7.8	58 ± 11.5	C
Dissolved Oxygen	mg/L	P33	Park	Interior	55	3.97	1.63	0.95	2.88	3.75	4.9	9.1	78.2 ± 9.2	C
Dissolved Oxygen	mg/L	P34	Park	Interior	38	5.87	1.45	1.43	5.39	5.80	6.99	7.97	18.4 ± 10.3	C
Dissolved Oxygen	mg/L	P35	Park	Interior	37	4.37	1.37	0.60	3.59	4.41	5.11	7.25	75.7 ± 11.6	C
Dissolved Oxygen	mg/L	P36	Park	Interior	54	4.46	1.51	1.90	3.34	4.40	5.73	7.86	66.7 ± 10.6	C
Dissolved Oxygen	mg/L	P37	Park	Interior	37	8.45	1.87	5.17	7.37	8.12	9.57	12.87	0	NC
Dissolved Oxygen	mg/L	T05E	Park	Interior	10	3.97	1.46	1.73	2.39	4.38	4.93	6.19	80 ± 20.8	--
Dissolved Oxygen	mg/L	T05W	Park	Interior	8	4.48	1.64	1.85	2.66	5.11	5.67	6.04	50 ± 29.1	--
Dissolved Oxygen	mg/L	T10E	Park	Interior	7	6.35	2.51	3.15	3.36	6.52	8.61	9.35	28.6 ± 28.1	--
Dissolved Oxygen	mg/L	T10W	Park	Interior	9	5.08	2.02	2.48	3.05	5.32	6.3	8.7	44.4 ± 27.2	--
Dissolved Oxygen	mg/L	T15E	Park	Interior	8	4.76	1.74	1.49	3.29	5.47	5.97	6.63	37.5 ± 28.2	--
Dissolved Oxygen	mg/L	T15W	Park	Interior	8	7.01	1.59	5.06	5.88	6.53	8.37	9.87	0	--
Dissolved Oxygen	mg/L	T23	Park	Interior	8	6.11	1.44	4.66	4.76	5.71	7.75	8.24	25 ± 25.2	--
Dissolved Oxygen	mg/L	T24	Park	Interior	8	6.00	1.52	4.37	4.64	5.81	7.06	8.61	37.5 ± 28.2	--
Dissolved Oxygen	mg/L	T33	Park	Interior	12	5.34	1.94	2.48	3.95	4.71	6.71	9.41	50 ± 23.7	--
Dissolved Oxygen	mg/L	T34	Park	Interior	10	5.30	1.46	3.21	3.85	5.42	6.44	7.54	30 ± 23.8	--
Dissolved Oxygen	mg/L	TNMESO	Park	Interior	12	5.54	1.38	3.18	4.54	5.64	6.82	7.75	41.7 ± 23.4	--
Dissolved Oxygen	mg/L	TSB	Park	Interior	42	4.84	2.62	1.56	2.94	3.77	6.95	11.15	61.9 ± 12.3	C
Dissolved Oxygen	mg/L	TSMESO	Park	Interior	11	5.75	1.94	2.36	4.09	6.57	7.05	8.2	27.3 ± 22.1	--
pH	units	ACME1DS	Refuge	Inflow	66	7.49	0.35	6.38	7.26	7.45	7.66	8.57	1.5 ± 2.5	MC
pH	units	ENR012	Refuge	Inflow	297	7.44	0.17	6.91	7.33	7.43	7.54	8.05	0	NC
pH	units	G300	Refuge	Inflow	14	7.33	0.21	6.83	7.23	7.34	7.46	7.64	0	--
pH	units	G301	Refuge	Inflow	8	7.31	0.17	7.13	7.20	7.24	7.47	7.63	0	--
pH	units	G310	Refuge	Inflow	152	7.51	0.19	7.16	7.37	7.47	7.62	8.08	0	NC
pH	units	G94D	Refuge	Inflow	67	7.35	0.30	6.16	7.19	7.33	7.49	8.24	0	NC
pH	units	L40-1	Refuge	Inflow	9	7.11	0.36	6.35	6.89	7.22	7.36	7.48	0	--
pH	units	L40-2	Refuge	Inflow	9	6.99	0.35	6.14	6.88	7.09	7.21	7.26	0	--
pH	units	S5A	Refuge	Inflow	124	7.46	0.42	6.15	7.25	7.51	7.77	8.35	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
pH	units	S5AS	Refuge	Inflow	22	7.40	0.42	6.49	7.16	7.30	7.78	8.19	0	--
pH	units	S6	Refuge	Inflow	158	7.40	0.36	5.15	7.23	7.39	7.58	8.35	0.6 ± 1	MC
pH	units	ENR004	Refuge	Rim	53	7.30	0.15	6.99	7.20	7.30	7.39	7.6	0	NC
pH	units	S5AD	Refuge	Rim	58	7.45	0.33	6.35	7.25	7.44	7.71	8.15	0	NC
pH	units	S6D	Refuge	Rim	42	7.43	0.23	7.01	7.28	7.42	7.55	8.05	0	NC
pH	units	X0	Refuge	Rim	60	7.45	0.33	7.00	7.28	7.42	7.52	9.48	1.7 ± 2.7	MC
pH	units	Z0	Refuge	Rim	60	7.44	0.22	7.01	7.29	7.45	7.59	8.08	0	NC
pH	units	LOX10	Refuge	Interior	35	6.92	0.30	6.02	6.73	6.97	7.12	7.52	0	NC
pH	units	LOX11	Refuge	Interior	51	6.09	0.43	5.20	5.79	5.98	6.28	7.25	51 ± 11.5	C
pH	units	LOX12	Refuge	Interior	63	7.02	0.37	6.35	6.70	7.02	7.27	7.92	0	NC
pH	units	LOX13	Refuge	Interior	49	6.25	0.41	5.43	5.97	6.21	6.48	7.29	26.5 ± 10.4	C
pH	units	LOX14	Refuge	Interior	58	6.45	0.32	5.89	6.15	6.48	6.66	7.29	8.6 ± 6.1	MC
pH	units	LOX15	Refuge	Interior	61	7.10	0.29	6.32	6.92	7.13	7.29	7.86	0	NC
pH	units	LOX16	Refuge	Interior	56	6.47	0.37	5.59	6.27	6.47	6.68	7.39	12.5 ± 7.3	PC
pH	units	LOX3	Refuge	Interior	26	6.56	0.41	5.95	6.28	6.52	6.67	7.73	7.7 ± 8.6	--
pH	units	LOX4	Refuge	Interior	36	6.88	0.20	6.50	6.75	6.91	7.03	7.26	0	NC
pH	units	LOX5	Refuge	Interior	38	6.22	0.39	5.57	5.97	6.13	6.37	7.21	28.9 ± 12.1	C
pH	units	LOX6	Refuge	Interior	53	6.93	0.42	6.11	6.60	6.95	7.25	7.72	0	NC
pH	units	LOX7	Refuge	Interior	53	6.39	0.35	5.88	6.14	6.30	6.56	7.48	9.4 ± 6.6	MC
pH	units	LOX8	Refuge	Interior	54	6.21	0.42	5.54	5.89	6.18	6.43	7.24	35.2 ± 10.7	C
pH	units	LOX9	Refuge	Interior	43	6.43	0.45	5.73	6.10	6.34	6.69	7.64	11.6 ± 8	PC
pH	units	X1	Refuge	Interior	51	7.21	0.19	6.96	7.10	7.19	7.26	8.23	0	NC
pH	units	X2	Refuge	Interior	50	7.05	0.22	6.20	6.90	7.09	7.17	7.49	0	NC
pH	units	X3	Refuge	Interior	50	7.06	0.25	6.45	6.95	7.11	7.19	7.58	0	NC
pH	units	X4	Refuge	Interior	50	7.00	0.36	6.32	6.78	7.01	7.24	7.94	0	NC
pH	units	Y4	Refuge	Interior	51	6.95	0.32	6.24	6.83	6.99	7.18	7.55	0	NC
pH	units	Z1	Refuge	Interior	50	7.20	0.18	6.91	7.10	7.16	7.28	7.86	0	NC
pH	units	Z2	Refuge	Interior	47	7.12	0.20	6.64	6.98	7.16	7.23	7.64	0	NC
pH	units	Z3	Refuge	Interior	56	7.19	0.33	6.42	7.05	7.22	7.36	8.36	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
pH	units	Z4	Refuge	Interior	56	6.96	0.50	6.02	6.67	7.02	7.27	9.24	1.8 ± 2.9	MC
pH	units	G94B	Refuge	Outflow	59	7.07	0.37	5.52	6.91	7.16	7.27	7.66	1.7 ± 2.8	MC
pH	units	S10A	Refuge	Outflow	35	7.61	0.32	6.96	7.41	7.58	7.86	8.27	0	NC
pH	units	S10C	Refuge	Outflow	32	7.57	0.29	6.81	7.43	7.52	7.75	8.34	0	NC
pH	units	S10D	Refuge	Outflow	65	7.49	0.28	6.92	7.29	7.45	7.67	8.14	0	NC
pH	units	S10E	Refuge	Outflow	56	7.55	0.33	6.84	7.31	7.51	7.73	8.44	0	NC
pH	units	S39	Refuge	Outflow	84	7.55	0.33	6.57	7.34	7.57	7.81	8.18	0	NC
pH	units	E0	WCA-2	Inflow	58	7.55	0.29	6.96	7.34	7.53	7.69	8.81	1.7 ± 2.8	MC
pH	units	F0	WCA-2	Inflow	59	7.51	0.35	6.83	7.31	7.47	7.66	9.53	1.7 ± 2.8	MC
pH	units	G335	WCA-2	Inflow	135	7.69	0.26	7.19	7.51	7.65	7.88	8.32	0	NC
pH	units	G339	WCA-2	Inflow	1	7.29	--	7.29	--	7.29	--	7.29	0	--
pH	units	S10A	WCA-2	Inflow	35	7.61	0.32	6.96	7.41	7.58	7.86	8.27	0	NC
pH	units	S10C	WCA-2	Inflow	32	7.57	0.29	6.81	7.43	7.52	7.75	8.34	0	NC
pH	units	S10D	WCA-2	Inflow	65	7.49	0.28	6.92	7.29	7.45	7.67	8.14	0	NC
pH	units	S10E	WCA-2	Inflow	56	7.55	0.33	6.84	7.31	7.51	7.73	8.44	0	NC
pH	units	S38B	WCA-2	Inflow	21	7.52	0.28	6.96	7.32	7.52	7.74	8	0	--
pH	units	S7	WCA-2	Inflow	99	7.39	0.30	6.32	7.22	7.38	7.56	8.36	0	NC
pH	units	CA215	WCA-2	Interior	106	7.52	0.21	6.74	7.41	7.53	7.63	8.03	0	NC
pH	units	CA27	WCA-2	Interior	88	7.17	0.34	5.58	7.00	7.24	7.38	7.82	1.1 ± 1.9	MC
pH	units	CA28	WCA-2	Interior	78	7.27	0.24	6.57	7.10	7.26	7.47	7.71	0	NC
pH	units	CA29	WCA-2	Interior	100	7.33	0.31	6.18	7.17	7.33	7.59	7.84	0	NC
pH	units	E1	WCA-2	Interior	42	7.33	0.16	6.86	7.24	7.34	7.43	7.69	0	NC
pH	units	E2	WCA-2	Interior	31	7.27	0.16	6.83	7.17	7.28	7.36	7.63	0	NC
pH	units	E3	WCA-2	Interior	35	7.32	0.13	7.10	7.22	7.32	7.39	7.61	0	NC
pH	units	E4	WCA-2	Interior	42	7.24	0.16	6.71	7.16	7.24	7.34	7.69	0	NC
pH	units	E5	WCA-2	Interior	42	7.36	0.26	6.54	7.23	7.38	7.54	7.9	0	NC
pH	units	F1	WCA-2	Interior	122	7.34	0.22	6.40	7.24	7.34	7.47	7.88	0	NC
pH	units	F2	WCA-2	Interior	143	7.33	0.21	6.61	7.25	7.35	7.42	8.05	0	NC
pH	units	F3	WCA-2	Interior	45	7.34	0.18	6.97	7.22	7.35	7.45	7.79	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
pH	units	F4	WCA-2	Interior	138	7.32	0.20	6.37	7.24	7.32	7.42	7.96	0	NC
pH	units	F5	WCA-2	Interior	47	7.48	0.23	6.99	7.34	7.46	7.62	8	0	NC
pH	units	S144	WCA-2	Interior	54	7.50	0.25	7.01	7.33	7.50	7.65	8.06	0	NC
pH	units	S145	WCA-2	Interior	84	7.40	0.48	3.65	7.29	7.45	7.61	7.98	1.2 ± 1.9	MC
pH	units	S146	WCA-2	Interior	51	7.46	0.27	6.85	7.27	7.48	7.63	8.1	0	NC
pH	units	U1	WCA-2	Interior	48	7.38	0.23	6.97	7.21	7.37	7.52	8.11	0	NC
pH	units	U2	WCA-2	Interior	45	7.60	0.33	6.97	7.36	7.57	7.73	8.65	2.2 ± 3.6	MC
pH	units	U3	WCA-2	Interior	44	7.61	0.33	7.07	7.42	7.54	7.72	9.27	2.3 ± 3.7	MC
pH	units	S11A	WCA-2	Outflow	68	7.59	0.35	6.92	7.33	7.55	7.84	8.62	1.5 ± 2.4	MC
pH	units	S11B	WCA-2	Outflow	34	7.54	0.31	7.10	7.28	7.46	7.82	8.26	0	NC
pH	units	S11C	WCA-2	Outflow	69	7.47	0.30	6.66	7.28	7.43	7.59	8.32	0	NC
pH	units	S34	WCA-2	Outflow	74	7.47	0.30	6.61	7.25	7.43	7.66	8.42	0	NC
pH	units	S38	WCA-2	Outflow	77	7.37	0.29	6.59	7.21	7.36	7.59	7.86	0	NC
pH	units	3AE0	WCA-3	Inflow	26	7.95	0.37	7.11	7.73	7.99	8.27	8.4	0	--
pH	units	3AW0	WCA-3	Inflow	27	7.96	0.36	7.16	7.77	7.99	8.22	8.54	3.7 ± 6	--
pH	units	C123SR84	WCA-3	Inflow	79	7.31	0.31	6.55	7.14	7.26	7.45	8.29	0	NC
pH	units	G123	WCA-3	Inflow	76	7.42	0.20	7.02	7.29	7.42	7.58	7.96	0	NC
pH	units	G204	WCA-3	Inflow	17	7.36	0.44	6.02	7.20	7.39	7.57	8.01	0	--
pH	units	G205	WCA-3	Inflow	20	7.37	0.30	6.64	7.18	7.37	7.51	7.86	0	--
pH	units	G206	WCA-3	Inflow	19	7.27	0.31	6.33	7.12	7.34	7.5	7.61	0	--
pH	units	L3	WCA-3	Inflow	56	7.37	0.38	6.52	7.09	7.34	7.62	8.19	0	NC
pH	units	S11A	WCA-3	Inflow	68	7.59	0.35	6.92	7.33	7.55	7.84	8.62	1.5 ± 2.4	MC
pH	units	S11B	WCA-3	Inflow	34	7.54	0.31	7.10	7.28	7.46	7.82	8.26	0	NC
pH	units	S11C	WCA-3	Inflow	69	7.47	0.30	6.66	7.28	7.43	7.59	8.32	0	NC
pH	units	S140	WCA-3	Inflow	100	7.35	0.34	6.55	7.13	7.28	7.64	8.14	0	NC
pH	units	S142	WCA-3	Inflow	82	7.37	0.32	6.30	7.21	7.38	7.51	8.16	0	NC
pH	units	S150	WCA-3	Inflow	77	7.44	0.30	6.72	7.23	7.44	7.63	8.15	0	NC
pH	units	S151	WCA-3	Inflow	86	7.31	0.23	6.52	7.20	7.32	7.45	7.86	0	NC
pH	units	S190	WCA-3	Inflow	76	7.59	0.38	6.35	7.31	7.59	7.92	8.42	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
pH	units	S8	WCA-3	Inflow	278	7.54	0.41	5.89	7.26	7.50	7.77	8.85	2.9 ± 1.6	MC
pH	units	S9	WCA-3	Inflow	255	7.18	0.24	6.12	7.07	7.19	7.31	7.88	0	NC
pH	units	3AE05	WCA-3	Interior	14	7.15	0.17	6.93	6.98	7.12	7.27	7.42	0	--
pH	units	3AE10	WCA-3	Interior	17	7.18	0.14	6.96	7.06	7.13	7.29	7.49	0	--
pH	units	3AE15	WCA-3	Interior	20	7.22	0.11	7.02	7.12	7.23	7.33	7.36	0	--
pH	units	3AE20	WCA-3	Interior	23	7.38	0.21	6.97	7.27	7.38	7.48	7.87	0	--
pH	units	3AE40	WCA-3	Interior	22	7.44	0.19	7.09	7.32	7.45	7.57	7.8	0	--
pH	units	3ANMESO	WCA-3	Interior	27	7.23	0.16	6.94	7.12	7.21	7.38	7.48	0	--
pH	units	3ASMESO	WCA-3	Interior	27	7.26	0.24	6.76	7.12	7.26	7.48	7.69	0	--
pH	units	3AW05	WCA-3	Interior	12	7.18	0.09	7.04	7.10	7.20	7.23	7.34	0	--
pH	units	3AW10	WCA-3	Interior	20	7.19	0.14	6.98	7.10	7.14	7.3	7.6	0	--
pH	units	3AW15	WCA-3	Interior	20	7.18	0.17	6.92	7.06	7.15	7.29	7.54	0	--
pH	units	3AW20	WCA-3	Interior	22	7.26	0.17	7.04	7.12	7.24	7.35	7.73	0	--
pH	units	3AW30	WCA-3	Interior	2	7.26	0.16	7.15		7.26		7.37	0	--
pH	units	3AW40	WCA-3	Interior	24	7.52	0.22	7.09	7.39	7.54	7.7	7.93	0	--
pH	units	CA311	WCA-3	Interior	108	7.20	0.25	6.41	7.03	7.20	7.38	7.72	0	NC
pH	units	CA315	WCA-3	Interior	116	7.13	0.26	6.42	6.96	7.13	7.31	7.83	0	NC
pH	units	CA316	WCA-3	Interior	60	7.21	0.18	6.63	7.12	7.22	7.32	7.78	0	NC
pH	units	CA317	WCA-3	Interior	74	7.56	0.15	7.11	7.47	7.56	7.65	7.97	0	NC
pH	units	CA318	WCA-3	Interior	67	7.39	0.20	6.78	7.25	7.35	7.56	7.88	0	NC
pH	units	CA32	WCA-3	Interior	80	7.23	0.22	6.56	7.13	7.23	7.36	7.72	0	NC
pH	units	CA33	WCA-3	Interior	83	7.23	0.17	6.70	7.15	7.23	7.33	7.55	0	NC
pH	units	CA34	WCA-3	Interior	80	7.25	0.20	6.67	7.15	7.26	7.36	7.96	0	NC
pH	units	CA35	WCA-3	Interior	57	7.23	0.23	6.57	7.11	7.22	7.39	7.68	0	NC
pH	units	CA36	WCA-3	Interior	57	7.17	0.17	6.62	7.09	7.19	7.27	7.44	0	NC
pH	units	CA38	WCA-3	Interior	89	7.23	0.19	6.61	7.14	7.25	7.34	7.7	0	NC
pH	units	S12A	WCA-3	Outflow	133	7.35	0.24	6.90	7.20	7.32	7.45	8.48	0	NC
pH	units	S12B	WCA-3	Outflow	131	7.36	0.26	6.16	7.23	7.36	7.49	8.5	0	NC
pH	units	S12C	WCA-3	Outflow	132	7.33	0.23	6.91	7.19	7.28	7.42	8.47	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
pH	units	S12D	WCA-3	Outflow	134	7.35	0.22	6.99	7.23	7.30	7.42	8.53	0.7 ± 1.2	MC
pH	units	S197	WCA-3	Outflow	19	7.41	0.46	6.68	6.96	7.48	7.79	8.05	0	--
pH	units	S31	WCA-3	Outflow	57	7.30	0.21	6.68	7.17	7.28	7.41	8.12	0	NC
pH	units	S333	WCA-3	Outflow	140	7.38	0.24	6.51	7.25	7.34	7.48	8.52	0.7 ± 1.2	MC
pH	units	S334	WCA-3	Outflow	72	7.43	0.33	6.53	7.20	7.42	7.63	8.27	0	NC
pH	units	S344	WCA-3	Outflow	19	7.23	0.26	6.81	7.06	7.24	7.35	7.76	0	--
pH	units	S355A	WCA-3	Outflow	42	7.72	0.40	7.30	7.45	7.59	7.86	9.04	7.1 ± 6.5	MC
pH	units	S355B	WCA-3	Outflow	42	7.56	0.30	7.13	7.37	7.50	7.72	8.29	0	NC
pH	units	US41-25	WCA-3	Outflow	125	7.26	0.25	6.43	7.13	7.23	7.35	8.58	0.8 ± 1.3	MC
pH	units	S12A	Park	Inflow	133	7.35	0.24	6.90	7.20	7.32	7.45	8.48	0	NC
pH	units	S12B	Park	Inflow	131	7.36	0.26	6.16	7.23	7.36	7.49	8.5	0	NC
pH	units	S12C	Park	Inflow	132	7.33	0.23	6.91	7.19	7.28	7.42	8.47	0	NC
pH	units	S12D	Park	Inflow	134	7.35	0.22	6.99	7.23	7.30	7.42	8.53	0.7 ± 1.2	MC
pH	units	S175	Park	Inflow	150	7.53	0.30	6.47	7.33	7.50	7.7	8.69	0.7 ± 1.1	MC
pH	units	S18C	Park	Inflow	140	7.53	0.41	5.35	7.21	7.59	7.84	8.21	0.7 ± 1.2	MC
pH	units	S332	Park	Inflow	164	7.50	0.31	6.60	7.30	7.45	7.65	8.68	1.2 ± 1.4	MC
pH	units	S332D	Park	Inflow	187	7.32	0.26	6.44	7.14	7.30	7.51	8.12	0	NC
pH	units	S333	Park	Inflow	140	7.38	0.24	6.51	7.25	7.34	7.48	8.52	0.7 ± 1.2	MC
pH	units	S355A	Park	Inflow	42	7.72	0.40	7.30	7.45	7.59	7.86	9.04	7.1 ± 6.5	MC
pH	units	S355B	Park	Inflow	42	7.56	0.30	7.13	7.37	7.50	7.72	8.29	0	NC
pH	units	T0E	Park	Inflow	12	7.38	0.19	7.08	7.26	7.39	7.49	7.71	0	--
pH	units	T0W	Park	Inflow	12	7.40	0.14	7.16	7.28	7.39	7.5	7.61	0	--
pH	units	EP	Park	Interior	39	8.02	0.16	7.52	7.89	8.05	8.15	8.37	0	NC
pH	units	NE1	Park	Interior	56	7.27	0.42	4.45	7.26	7.36	7.44	7.63	1.8 ± 2.9	MC
pH	units	NP201	Park	Interior	52	7.68	0.26	6.74	7.55	7.71	7.84	8.13	0	NC
pH	units	P33	Park	Interior	57	7.54	0.15	7.26	7.43	7.54	7.63	7.88	0	NC
pH	units	P34	Park	Interior	39	7.86	0.18	7.46	7.74	7.85	7.97	8.2	0	NC
pH	units	P35	Park	Interior	38	7.52	0.18	7.09	7.41	7.50	7.64	7.82	0	NC
pH	units	P36	Park	Interior	56	7.61	0.18	7.10	7.49	7.59	7.76	7.99	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
pH	units	P37	Park	Interior	38	8.06	0.31	7.50	7.78	8.09	8.32	8.61	7.9 ± 7.2	MC
pH	units	T05E	Park	Interior	10	7.42	0.15	7.29	7.32	7.36	7.48	7.72	0	--
pH	units	T05W	Park	Interior	9	7.37	0.07	7.29	7.31	7.34	7.45	7.46	0	--
pH	units	T10E	Park	Interior	7	7.55	0.10	7.45	7.48	7.50	7.67	7.72	0	--
pH	units	T10W	Park	Interior	9	7.48	0.12	7.32	7.38	7.45	7.6	7.67	0	--
pH	units	T15E	Park	Interior	8	7.46	0.12	7.25	7.40	7.45	7.58	7.62	0	--
pH	units	T15W	Park	Interior	8	7.64	0.04	7.58	7.59	7.64	7.68	7.7	0	--
pH	units	T23	Park	Interior	8	7.63	0.06	7.58	7.58	7.63	7.67	7.74	0	--
pH	units	T24	Park	Interior	8	7.62	0.07	7.53	7.56	7.61	7.7	7.73	0	--
pH	units	T33	Park	Interior	12	7.36	0.30	6.52	7.33	7.38	7.44	7.8	0	--
pH	units	T34	Park	Interior	10	7.52	0.06	7.43	7.46	7.52	7.54	7.64	0	--
pH	units	TNMESO	Park	Interior	12	7.53	0.17	7.09	7.46	7.59	7.65	7.68	0	--
pH	units	TSB	Park	Interior	44	7.55	0.27	7.00	7.41	7.50	7.75	8.2	0	NC
pH	units	TSMESO	Park	Interior	11	7.73	0.31	7.20	7.51	7.74	8.06	8.15	0	--
Specific Conductance	µmhos/cm	ACME1DS	Refuge	Inflow	66	671	185	209	555	671	783	1217	0	NC
Specific Conductance	µmhos/cm	ENR012	Refuge	Inflow	297	1057	227	484	896	1074	1214	2004	13.1 ± 3.2	C
Specific Conductance	µmhos/cm	G300	Refuge	Inflow	14	860	266	441	615	845	1050	1361	7.1 ± 11.3	--
Specific Conductance	µmhos/cm	G301	Refuge	Inflow	8	978	320	490	620	1069	1211	1369	12.5 ± 19.2	--
Specific Conductance	µmhos/cm	G310	Refuge	Inflow	152	1038	188	591	908	1071	1186	1467	3.9 ± 2.6	MC
Specific Conductance	µmhos/cm	G94D	Refuge	Inflow	67	575	182	225	456	520	663	1219	0	NC
Specific Conductance	µmhos/cm	L40-1	Refuge	Inflow	9	651	138	501	524	600	750	909	0	--
Specific Conductance	µmhos/cm	L40-2	Refuge	Inflow	9	486	97	402	423	445	534	704	0	--
Specific Conductance	µmhos/cm	S5A	Refuge	Inflow	124	890	418	24	512	848	1224	1940	21 ± 6	C
Specific Conductance	µmhos/cm	S5AS	Refuge	Inflow	22	669	267	172	494	665	798	1237	0	--
Specific Conductance	µmhos/cm	S6	Refuge	Inflow	158	958	298	379	642	1059	1202	1412	13.3 ± 4.4	PC
Specific Conductance	µmhos/cm	ENR004	Refuge	Rim	53	898	223	497	773	883	1058	1736	1.9 ± 3.1	MC
Specific Conductance	µmhos/cm	S5AD	Refuge	Rim	58	903	354	414	609	826	1174	1611	19 ± 8.5	C
Specific Conductance	µmhos/cm	S6D	Refuge	Rim	42	960	213	538	826	997	1105	1367	2.4 ± 3.9	MC
Specific Conductance	µmhos/cm	X0	Refuge	Rim	62	887	199	444	769	874	1006	1390	3.2 ± 3.7	MC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Specific Conductance	µmhos/cm	Z0	Refuge	Rim	62	880	246	118	717	856	1015	1505	4.8 ± 4.5	MC
Specific Conductance	µmhos/cm	LOX10	Refuge	Interior	35	476	255	159	222	451	688	1030	0	NC
Specific Conductance	µmhos/cm	LOX11	Refuge	Interior	51	96	39	47	72	92	108	272	0	NC
Specific Conductance	µmhos/cm	LOX12	Refuge	Interior	63	346	237	106	167	226	593	898	0	NC
Specific Conductance	µmhos/cm	LOX13	Refuge	Interior	49	88	35	47	64	81	103	244	0	NC
Specific Conductance	µmhos/cm	LOX14	Refuge	Interior	58	128	66	66	85	100	151	424	0	NC
Specific Conductance	µmhos/cm	LOX15	Refuge	Interior	61	428	260	121	198	333	633	1009	0	NC
Specific Conductance	µmhos/cm	LOX16	Refuge	Interior	56	134	75	65	84	103	160	442	0	NC
Specific Conductance	µmhos/cm	LOX3	Refuge	Interior	26	122	42	70	93	110	156	222	0	--
Specific Conductance	µmhos/cm	LOX4	Refuge	Interior	36	568	250	198	262	673	749	1075	0	NC
Specific Conductance	µmhos/cm	LOX5	Refuge	Interior	38	101	24	68	81	97	117	166	0	NC
Specific Conductance	µmhos/cm	LOX6	Refuge	Interior	54	302	187	102	146	267	368	893	0	NC
Specific Conductance	µmhos/cm	LOX7	Refuge	Interior	53	128	47	36	98	111	163	258	0	NC
Specific Conductance	µmhos/cm	LOX8	Refuge	Interior	54	110	39	52	80	104	131	230	0	NC
Specific Conductance	µmhos/cm	LOX9	Refuge	Interior	43	156	89	77	106	122	164	482	0	NC
Specific Conductance	µmhos/cm	X1	Refuge	Interior	52	902	174	492	763	921	1049	1279	1.9 ± 3.1	MC
Specific Conductance	µmhos/cm	X2	Refuge	Interior	51	800	189	377	677	790	964	1150	0	NC
Specific Conductance	µmhos/cm	X3	Refuge	Interior	51	680	221	240	519	698	845	1126	0	NC
Specific Conductance	µmhos/cm	X4	Refuge	Interior	51	440	210	107	288	411	570	931	0	NC
Specific Conductance	µmhos/cm	Y4	Refuge	Interior	52	476	236	100	276	454	694	939	0	NC
Specific Conductance	µmhos/cm	Z1	Refuge	Interior	51	908	168	396	798	920	1019	1270	0	NC
Specific Conductance	µmhos/cm	Z2	Refuge	Interior	48	813	140	543	716	822	915	1057	0	NC
Specific Conductance	µmhos/cm	Z3	Refuge	Interior	57	598	219	148	447	592	773	1041	0	NC
Specific Conductance	µmhos/cm	Z4	Refuge	Interior	57	348	221	8	185	278	553	842	0	NC
Specific Conductance	µmhos/cm	G94B	Refuge	Outflow	59	588	231	168	421	557	754	1140	0	NC
Specific Conductance	µmhos/cm	S10A	Refuge	Outflow	35	676	204	301	484	675	828	1083	0	NC
Specific Conductance	µmhos/cm	S10C	Refuge	Outflow	32	783	268	11	604	744	1010	1242	0	NC
Specific Conductance	µmhos/cm	S10D	Refuge	Outflow	64	910	229	388	743	918	1094	1288	3.1 ± 3.6	MC
Specific Conductance	µmhos/cm	S10E	Refuge	Outflow	56	936	236	385	755	985	1125	1396	3.6 ± 4.1	MC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Specific Conductance	µmhos/cm	S39	Refuge	Outflow	84	671	234	160	469	672	829	1344	2.4 ± 2.7	MC
Specific Conductance	µmhos/cm	E0	WCA-2	Inflow	58	957	170	552	837	956	1084	1388	1.7 ± 2.8	MC
Specific Conductance	µmhos/cm	F0	WCA-2	Inflow	60	982	167	561	892	988	1093	1375	1.7 ± 2.7	MC
Specific Conductance	µmhos/cm	G335	WCA-2	Inflow	135	1232	175	689	1145	1252	1356	1529	44.4 ± 7	C
Specific Conductance	µmhos/cm	G339	WCA-2	Inflow	1	1176	--	1176	--	1176	--	1176	0	--
Specific Conductance	µmhos/cm	S10A	WCA-2	Inflow	35	676	204	301	484	675	828	1083	0	NC
Specific Conductance	µmhos/cm	S10C	WCA-2	Inflow	32	783	268	11	604	744	1010	1242	0	NC
Specific Conductance	µmhos/cm	S10D	WCA-2	Inflow	64	910	229	388	743	918	1094	1288	3.1 ± 3.6	MC
Specific Conductance	µmhos/cm	S10E	WCA-2	Inflow	56	936	236	385	755	985	1125	1396	3.6 ± 4.1	MC
Specific Conductance	µmhos/cm	S38B	WCA-2	Inflow	21	704	191	451	561	628	884	1075	0	--
Specific Conductance	µmhos/cm	S7	WCA-2	Inflow	99	946	252	456	739	982	1134	1466	7.1 ± 4.2	MC
Specific Conductance	µmhos/cm	CA215	WCA-2	Interior	107	918	229	282	766	937	1093	1381	3.7 ± 3	MC
Specific Conductance	µmhos/cm	CA27	WCA-2	Interior	89	714	358	159	362	681	1043	1292	1.1 ± 1.8	MC
Specific Conductance	µmhos/cm	CA28	WCA-2	Interior	79	1059	398	13	783	990	1263	2069	24.1 ± 7.9	C
Specific Conductance	µmhos/cm	CA29	WCA-2	Interior	101	783	290	252	553	792	964	1477	6.9 ± 4.2	MC
Specific Conductance	µmhos/cm	E1	WCA-2	Interior	43	1010	319	606	825	981	1165	2530	11.6 ± 8	PC
Specific Conductance	µmhos/cm	E2	WCA-2	Interior	33	885	181	544	748	911	1004	1243	0	NC
Specific Conductance	µmhos/cm	E3	WCA-2	Interior	37	883	173	526	768	870	1009	1229	0	NC
Specific Conductance	µmhos/cm	E4	WCA-2	Interior	44	792	165	447	689	816	888	1084	0	NC
Specific Conductance	µmhos/cm	E5	WCA-2	Interior	45	762	166	402	629	808	880	1014	0	NC
Specific Conductance	µmhos/cm	F1	WCA-2	Interior	131	1210	404	436	994	1118	1313	2857	29 ± 6.5	C
Specific Conductance	µmhos/cm	F2	WCA-2	Interior	145	1084	319	421	870	1061	1220	2376	17.9 ± 5.2	C
Specific Conductance	µmhos/cm	F3	WCA-2	Interior	47	1006	307	404	773	1018	1148	2108	17 ± 9	C
Specific Conductance	µmhos/cm	F4	WCA-2	Interior	140	958	261	15	777	957	1119	1666	12.1 ± 4.5	PC
Specific Conductance	µmhos/cm	F5	WCA-2	Interior	50	902	256	176	726	914	1055	1492	6 ± 5.5	MC
Specific Conductance	µmhos/cm	S144	WCA-2	Interior	54	756	204	322	608	763	917	1284	1.9 ± 3	MC
Specific Conductance	µmhos/cm	S145	WCA-2	Interior	83	746	197	273	592	758	896	1176	0	NC
Specific Conductance	µmhos/cm	S146	WCA-2	Interior	51	700	231	273	523	693	901	1277	2 ± 3.2	MC
Specific Conductance	µmhos/cm	U1	WCA-2	Interior	50	701	156	430	560	729	829	974	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Specific Conductance	µmhos/cm	U2	WCA-2	Interior	47	813	177	415	689	874	950	1098	0	NC
Specific Conductance	µmhos/cm	U3	WCA-2	Interior	47	866	211	423	695	880	1035	1238	0	NC
Specific Conductance	µmhos/cm	S11A	WCA-2	Outflow	66	777	184	466	628	745	861	1317	1.5 ± 2.5	MC
Specific Conductance	µmhos/cm	S11B	WCA-2	Outflow	34	730	170	482	632	683	811	1275	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-2	Outflow	68	846	189	483	695	845	987	1251	0	NC
Specific Conductance	µmhos/cm	S34	WCA-2	Outflow	73	747	170	413	625	729	836	1218	0	NC
Specific Conductance	µmhos/cm	S38	WCA-2	Outflow	76	680	188	300	529	662	836	1227	0	NC
Specific Conductance	µmhos/cm	3AE0	WCA-3	Inflow	26	459	90	277	385	476	516	636	0	--
Specific Conductance	µmhos/cm	3AW0	WCA-3	Inflow	27	456	94	279	376	477	520	647	0	--
Specific Conductance	µmhos/cm	C123SR84	WCA-3	Inflow	77	614	141	371	520	615	693	1160	0	NC
Specific Conductance	µmhos/cm	G123	WCA-3	Inflow	75	798	152	432	672	791	901	1198	0	NC
Specific Conductance	µmhos/cm	G204	WCA-3	Inflow	17	710	156	448	629	704	775	1076	0	--
Specific Conductance	µmhos/cm	G205	WCA-3	Inflow	20	740	150	487	610	781	829	998	0	--
Specific Conductance	µmhos/cm	G206	WCA-3	Inflow	19	608	150	379	452	612	744	858	0	--
Specific Conductance	µmhos/cm	L3	WCA-3	Inflow	56	512	100	294	459	526	592	675	0	NC
Specific Conductance	µmhos/cm	S11A	WCA-3	Inflow	66	777	184	466	628	745	861	1317	1.5 ± 2.5	MC
Specific Conductance	µmhos/cm	S11B	WCA-3	Inflow	34	730	170	482	632	683	811	1275	0	NC
Specific Conductance	µmhos/cm	S11C	WCA-3	Inflow	68	846	189	483	695	845	987	1251	0	NC
Specific Conductance	µmhos/cm	S140	WCA-3	Inflow	100	511	148	4	417	488	595	833	0	NC
Specific Conductance	µmhos/cm	S142	WCA-3	Inflow	81	785	169	425	680	773	888	1167	0	NC
Specific Conductance	µmhos/cm	S150	WCA-3	Inflow	76	878	244	414	700	876	1038	1558	3.9 ± 3.7	MC
Specific Conductance	µmhos/cm	S151	WCA-3	Inflow	86	694	114	374	615	704	784	902	0	NC
Specific Conductance	µmhos/cm	S190	WCA-3	Inflow	76	550	106	303	500	571	614	790	0	NC
Specific Conductance	µmhos/cm	S8	WCA-3	Inflow	274	707	165	9	604	700	834	1108	0	NC
Specific Conductance	µmhos/cm	S9	WCA-3	Inflow	253	733	75	3	704	740	771	939	0	NC
Specific Conductance	µmhos/cm	3AE05	WCA-3	Interior	14	450	100	270	370	451	535	602	0	--
Specific Conductance	µmhos/cm	3AE10	WCA-3	Interior	17	451	91	261	361	484	526	564	0	--
Specific Conductance	µmhos/cm	3AE15	WCA-3	Interior	20	447	90	264	365	479	513	571	0	--
Specific Conductance	µmhos/cm	3AE20	WCA-3	Interior	23	433	89	253	361	451	510	575	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Specific Conductance	µmhos/cm	3AE40	WCA-3	Interior	22	407	88	217	357	406	461	594	0	--
Specific Conductance	µmhos/cm	3ANMESO	WCA-3	Interior	27	388	88	204	334	389	446	598	0	--
Specific Conductance	µmhos/cm	3ASMESO	WCA-3	Interior	27	339	78	159	286	342	387	529	0	--
Specific Conductance	µmhos/cm	3AW05	WCA-3	Interior	12	472	97	322	384	496	546	620	0	--
Specific Conductance	µmhos/cm	3AW10	WCA-3	Interior	20	458	85	269	387	479	521	571	0	--
Specific Conductance	µmhos/cm	3AW15	WCA-3	Interior	20	417	127	60	311	453	516	555	0	--
Specific Conductance	µmhos/cm	3AW20	WCA-3	Interior	22	408	93	224	330	410	501	546	0	--
Specific Conductance	µmhos/cm	3AW30	WCA-3	Interior	2	336	64	291		336		381	0	--
Specific Conductance	µmhos/cm	3AW40	WCA-3	Interior	24	367	86	205	291	367	429	504	0	--
Specific Conductance	µmhos/cm	CA311	WCA-3	Interior	108	346	89	149	285	336	397	614	0	NC
Specific Conductance	µmhos/cm	CA315	WCA-3	Interior	116	303	86	1	250	294	335	638	0	NC
Specific Conductance	µmhos/cm	CA316	WCA-3	Interior	60	626	160	360	498	613	726	974	0	NC
Specific Conductance	µmhos/cm	CA317	WCA-3	Interior	74	590	86	427	535	575	632	997	0	NC
Specific Conductance	µmhos/cm	CA318	WCA-3	Interior	67	578	104	2	530	578	626	754	0	NC
Specific Conductance	µmhos/cm	CA32	WCA-3	Interior	80	463	180	14	343	410	600	1202	0	NC
Specific Conductance	µmhos/cm	CA33	WCA-3	Interior	83	624	193	272	475	618	743	1150	0	NC
Specific Conductance	µmhos/cm	CA34	WCA-3	Interior	80	567	106	231	502	585	641	773	0	NC
Specific Conductance	µmhos/cm	CA35	WCA-3	Interior	57	475	171	17	363	456	579	876	0	NC
Specific Conductance	µmhos/cm	CA36	WCA-3	Interior	57	760	147	471	666	756	842	1153	0	NC
Specific Conductance	µmhos/cm	CA38	WCA-3	Interior	89	387	97	228	306	380	455	639	0	NC
Specific Conductance	µmhos/cm	S12A	WCA-3	Outflow	133	297	78	148	245	285	333	630	0	NC
Specific Conductance	µmhos/cm	S12B	WCA-3	Outflow	132	323	91	107	265	307	360	682	0	NC
Specific Conductance	µmhos/cm	S12C	WCA-3	Outflow	132	368	106	154	292	339	434	666	0	NC
Specific Conductance	µmhos/cm	S12D	WCA-3	Outflow	134	434	130	3	320	419	548	659	0	NC
Specific Conductance	µmhos/cm	S197	WCA-3	Outflow	19	500	67	398	457	488	508	663	0	--
Specific Conductance	µmhos/cm	S31	WCA-3	Outflow	57	667	84	487	617	666	716	882	0	NC
Specific Conductance	µmhos/cm	S333	WCA-3	Outflow	140	513	103	254	435	521	597	813	0	NC
Specific Conductance	µmhos/cm	S334	WCA-3	Outflow	72	498	71	328	445	509	549	657	0	NC
Specific Conductance	µmhos/cm	S344	WCA-3	Outflow	18	268	75	133	209	265	337	410	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Specific Conductance	µmhos/cm	S355A	WCA-3	Outflow	42	338	108	170	251	317	430	554	0	NC
Specific Conductance	µmhos/cm	S355B	WCA-3	Outflow	42	380	101	190	278	421	456	584	0	NC
Specific Conductance	µmhos/cm	US41-25	WCA-3	Outflow	125	358	93	161	290	366	432	549	0	NC
Specific Conductance	µmhos/cm	S12A	Park	Inflow	133	297	78	148	245	285	333	630	0	NC
Specific Conductance	µmhos/cm	S12B	Park	Inflow	132	323	91	107	265	307	360	682	0	NC
Specific Conductance	µmhos/cm	S12C	Park	Inflow	132	368	106	154	292	339	434	666	0	NC
Specific Conductance	µmhos/cm	S12D	Park	Inflow	134	434	130	3	320	419	548	659	0	NC
Specific Conductance	µmhos/cm	S175	Park	Inflow	150	504	68	5	467	501	531	712	0	NC
Specific Conductance	µmhos/cm	S18C	Park	Inflow	140	513	47	184	495	511	526	694	0	NC
Specific Conductance	µmhos/cm	S332	Park	Inflow	164	504	68	5	471	502	530	700	0	NC
Specific Conductance	µmhos/cm	S332D	Park	Inflow	186	552	54	396	519	539	579	725	0	NC
Specific Conductance	µmhos/cm	S333	Park	Inflow	140	513	103	254	435	521	597	813	0	NC
Specific Conductance	µmhos/cm	S355A	Park	Inflow	42	338	108	170	251	317	430	554	0	NC
Specific Conductance	µmhos/cm	S355B	Park	Inflow	42	380	101	190	278	421	456	584	0	NC
Specific Conductance	µmhos/cm	T0E	Park	Inflow	12	484	51	396	444	490	526	562	0	--
Specific Conductance	µmhos/cm	T0W	Park	Inflow	12	487	53	398	445	490	531	562	0	--
Specific Conductance	µmhos/cm	EP	Park	Interior	39	542	110	370	464	512	581	944	0	NC
Specific Conductance	µmhos/cm	NE1	Park	Interior	55	459	130	140	364	471	542	717	0	NC
Specific Conductance	µmhos/cm	NP201	Park	Interior	52	460	133	261	388	445	490	1156	0	NC
Specific Conductance	µmhos/cm	P33	Park	Interior	56	469	89	243	407	481	529	699	0	NC
Specific Conductance	µmhos/cm	P34	Park	Interior	39	309	83	197	245	290	333	556	0	NC
Specific Conductance	µmhos/cm	P35	Park	Interior	38	440	169	267	325	416	506	1016	0	NC
Specific Conductance	µmhos/cm	P36	Park	Interior	56	469	121	304	363	439	558	783	0	NC
Specific Conductance	µmhos/cm	P37	Park	Interior	38	321	106	179	254	292	383	597	0	NC
Specific Conductance	µmhos/cm	T05E	Park	Interior	10	475	115	216	442	496	538	631	0	--
Specific Conductance	µmhos/cm	T05W	Park	Interior	8	458	105	216	440	480	522	560	0	--
Specific Conductance	µmhos/cm	T10E	Park	Interior	7	454	101	244	425	480	508	561	0	--
Specific Conductance	µmhos/cm	T10W	Park	Interior	9	471	97	243	447	482	525	594	0	--
Specific Conductance	µmhos/cm	T15E	Park	Interior	8	442	96	243	398	463	520	533	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Specific Conductance	µmhos/cm	T15W	Park	Interior	8	419	79	240	401	437	474	489	0	--
Specific Conductance	µmhos/cm	T23	Park	Interior	8	362	88	174	328	377	429	461	0	--
Specific Conductance	µmhos/cm	T24	Park	Interior	8	302	92	172	253	275	404	436	0	--
Specific Conductance	µmhos/cm	T33	Park	Interior	12	350	85	250	292	311	432	490	0	--
Specific Conductance	µmhos/cm	T34	Park	Interior	10	316	77	213	246	311	404	429	0	--
Specific Conductance	µmhos/cm	TNMESO	Park	Interior	12	321	92	190	248	313	396	519	0	--
Specific Conductance	µmhos/cm	TSB	Park	Interior	44	422	102	143	358	452	497	609	0	NC
Specific Conductance	µmhos/cm	TSMESO	Park	Interior	11	295	82	170	203	300	370	405	0	--
Total Antimony	µg/L	ENR012	Refuge	Inflow	4	<4.4	--	<4.4	<4.4	<4.4	<4.4	<4.4	0	--
Total Antimony	µg/L	ENR004	Refuge	Rim	4	<4.4	1.98	<4.4	<4.4	<4.4	<4.4	5.06	0	--
Total Antimony	µg/L	G204	WCA-3	Inflow	12	<4.4	--	<4.4	<4.4	<4.4	<4.4	<4.4	0	--
Total Antimony	µg/L	G205	WCA-3	Inflow	14	<4.4	--	<4.4	<4.4	<4.4	<4.4	<4.4	0	--
Total Antimony	µg/L	G206	WCA-3	Inflow	14	<4.4	--	<4.4	<4.4	<4.4	<4.4	<4.4	0	--
Total Antimony	µg/L	S8	WCA-3	Inflow	18	<4.4	1.26	<4.4	<4.4	<4.4	<4.4	4.66	0	--
Total Arsenic	µg/L	ACME1DS	Refuge	Inflow	5	<3.0	1.32	<3.0	<3.0	<3.0	3.43	4.32	0	--
Total Arsenic	µg/L	ENR012	Refuge	Inflow	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	G94D	Refuge	Inflow	5	<3.0	1.02	<3.0	<3.0	<3.0	3.58	3.93	0	--
Total Arsenic	µg/L	L40-1	Refuge	Inflow	2	<3.0	1.10	<3.0	--	<3.0	--	3.33	0	--
Total Arsenic	µg/L	L40-2	Refuge	Inflow	2	<3.0	0.20	<3.0	--	<3.0	--	3.08	0	--
Total Arsenic	µg/L	S5A	Refuge	Inflow	29	<3.0	1.29	<3.0	<3.0	<3.0	<3.0	4.86	0	NC
Total Arsenic	µg/L	S5AS	Refuge	Inflow	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S6	Refuge	Inflow	5	<3.0	1.24	<3.0	<3.0	<3.0	3.57	4.00	0	--
Total Arsenic	µg/L	ENR004	Refuge	Rim	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S5AD	Refuge	Rim	8	<3.0	1.52	<3.0	<3.0	<3.0	3.52	5.40	0	--
Total Arsenic	µg/L	S6D	Refuge	Rim	9	<3.0	1.05	<3.0	<3.0	<3.0	<3.0	4.30	0	--
Total Arsenic	µg/L	LOX10	Refuge	Interior	3	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX11	Refuge	Interior	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX12	Refuge	Interior	9	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX13	Refuge	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Arsenic	µg/L	LOX14	Refuge	Interior	7	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX15	Refuge	Interior	8	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX16	Refuge	Interior	7	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX3	Refuge	Interior	1	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	LOX4	Refuge	Interior	3	<3.0	1.91	<3.0	<3.0	<3.0	3.80	3.80	0	--
Total Arsenic	µg/L	LOX5	Refuge	Interior	2	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	LOX6	Refuge	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX7	Refuge	Interior	6	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX8	Refuge	Interior	6	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	LOX9	Refuge	Interior	3	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S10A	Refuge	Outflow	5	<3.0	1.37	<3.0	<3.0	<3.0	<3.0	3.81	0	--
Total Arsenic	µg/L	S10C	Refuge	Outflow	5	<3.0	1.57	<3.0	<3.0	<3.0	3.83	4.20	0	--
Total Arsenic	µg/L	S10D	Refuge	Outflow	5	<3.0	1.42	<3.0	<3.0	<3.0	3.83	4.30	0	--
Total Arsenic	µg/L	S10E	Refuge	Outflow	5	<3.0	1.18	<3.0	<3.0	3.16	3.50	3.65	0	--
Total Arsenic	µg/L	S39	Refuge	Outflow	5	<3.0	1.06	<3.0	<3.0	<3.0	<3.0	3.34	0	--
Total Arsenic	µg/L	S10A	WCA-2	Inflow	5	<3.0	1.37	<3.0	<3.0	<3.0	<3.0	3.81	0	--
Total Arsenic	µg/L	S10C	WCA-2	Inflow	5	<3.0	1.57	<3.0	<3.0	<3.0	3.83	4.20	0	--
Total Arsenic	µg/L	S10D	WCA-2	Inflow	5	<3.0	1.42	<3.0	<3.0	<3.0	3.83	4.30	0	--
Total Arsenic	µg/L	S10E	WCA-2	Inflow	5	<3.0	1.18	<3.0	<3.0	3.16	3.50	3.65	0	--
Total Arsenic	µg/L	S38B	WCA-2	Inflow	2	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	S7	WCA-2	Inflow	5	3.79	2.14	<3.0	<3.0	<3.0	6.00	6.90	0	--
Total Arsenic	µg/L	CA215	WCA-2	Interior	6	<3.0	1.89	<3.0	<3.0	<3.0	<3.0	6.00	0	--
Total Arsenic	µg/L	CA27	WCA-2	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	CA28	WCA-2	Interior	3	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	CA29	WCA-2	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	F1	WCA-2	Interior	6	<3.0	0.87	<3.0	<3.0	<3.0	<3.0	3.10	0	--
Total Arsenic	µg/L	F2	WCA-2	Interior	6	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	F4	WCA-2	Interior	6	<3.0	0.92	<3.0	<3.0	<3.0	<3.0	3.00	0	--
Total Arsenic	µg/L	S144	WCA-2	Interior	5	<3.0	1.08	<3.0	<3.0	<3.0	<3.0	3.04	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Arsenic	µg/L	S145	WCA-2	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S146	WCA-2	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S11A	WCA-2	Outflow	5	<3.0	1.37	<3.0	<3.0	<3.0	3.09	4.09	0	--
Total Arsenic	µg/L	S11B	WCA-2	Outflow	5	<3.0	1.40	<3.0	<3.0	<3.0	<3.0	3.95	0	--
Total Arsenic	µg/L	S11C	WCA-2	Outflow	5	<3.0	1.22	<3.0	<3.0	<3.0	<3.0	3.48	0	--
Total Arsenic	µg/L	S34	WCA-2	Outflow	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S38	WCA-2	Outflow	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	C123SR84	WCA-3	Inflow	5	<3.0	1.31	<3.0	<3.0	<3.0	3.34	3.63	0	--
Total Arsenic	µg/L	G123	WCA-3	Inflow	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	G204	WCA-3	Inflow	12	<3.0	1.80	<3.0	<3.0	<3.0	<3.0	7.23	0	--
Total Arsenic	µg/L	G205	WCA-3	Inflow	14	<3.0	1.77	<3.0	<3.0	<3.0	<3.0	6.36	0	--
Total Arsenic	µg/L	G206	WCA-3	Inflow	14	<3.0	1.56	<3.0	<3.0	<3.0	<3.0	5.74	0	--
Total Arsenic	µg/L	L3	WCA-3	Inflow	4	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S11A	WCA-3	Inflow	5	<3.0	1.37	<3.0	<3.0	<3.0	3.09	4.09	0	--
Total Arsenic	µg/L	S11B	WCA-3	Inflow	5	<3.0	1.40	<3.0	<3.0	<3.0	<3.0	3.95	0	--
Total Arsenic	µg/L	S11C	WCA-3	Inflow	5	<3.0	1.22	<3.0	<3.0	<3.0	<3.0	3.48	0	--
Total Arsenic	µg/L	S140	WCA-3	Inflow	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S150	WCA-3	Inflow	5	3.85	2.38	<3.0	<3.0	3.31	5.98	7.73	0	--
Total Arsenic	µg/L	S151	WCA-3	Inflow	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S190	WCA-3	Inflow	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S8	WCA-3	Inflow	23	<3.0	1.72	<3.0	<3.0	<3.0	3.08	8.42	0	--
Total Arsenic	µg/L	S9	WCA-3	Inflow	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	CA311	WCA-3	Interior	6	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	CA315	WCA-3	Interior	8	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	CA316	WCA-3	Interior	1	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	CA317	WCA-3	Interior	2	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	CA318	WCA-3	Interior	1	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	CA32	WCA-3	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	CA33	WCA-3	Interior	6	<3.0	1.08	<3.0	<3.0	<3.0	<3.0	3.40	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Arsenic	µg/L	CA34	WCA-3	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	CA35	WCA-3	Interior	5	<3.0	1.32	<3.0	<3.0	<3.0	3.30	3.70	0	--
Total Arsenic	µg/L	CA36	WCA-3	Interior	3	<3.0	0.81	<3.0	<3.0	<3.0	3.00	3.00	0	--
Total Arsenic	µg/L	CA38	WCA-3	Interior	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S12A	WCA-3	Outflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S12B	WCA-3	Outflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S12C	WCA-3	Outflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S12D	WCA-3	Outflow	35	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S31	WCA-3	Outflow	5	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S333	WCA-3	Outflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S355A	WCA-3	Outflow	2	<3.0	--	<3.0		<3.0		<3.0	0	--
Total Arsenic	µg/L	S355B	WCA-3	Outflow	2	<3.0	--	<3.0		<3.0		<3.0	0	--
Total Arsenic	µg/L	US41-25	WCA-3	Outflow	35	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S12A	Park	Inflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S12B	Park	Inflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S12C	Park	Inflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S12D	Park	Inflow	35	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S175	Park	Inflow	33	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S18C	Park	Inflow	35	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S332	Park	Inflow	38	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S332D	Park	Inflow	3	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	S333	Park	Inflow	32	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	S355A	Park	Inflow	2	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	S355B	Park	Inflow	2	<3.0	--	<3.0	--	<3.0	--	<3.0	0	--
Total Arsenic	µg/L	EP	Park	Interior	27	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	NE1	Park	Interior	31	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	NP201	Park	Interior	29	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	P33	Park	Interior	31	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	P34	Park	Interior	24	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Arsenic	µg/L	P35	Park	Interior	25	<3.0	0.74	<3.0	<3.0	<3.0	<3.0	3.56	0	--
Total Arsenic	µg/L	P36	Park	Interior	30	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	NC
Total Arsenic	µg/L	P37	Park	Interior	24	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Arsenic	µg/L	TSB	Park	Interior	24	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	0	--
Total Cadmium	µg/L	ACME1DS	Refuge	Inflow	10	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	ENR012	Refuge	Inflow	5	<0.6	0.34	<0.6	<0.6	<0.6	0.71	0.96	0	--
Total Cadmium	µg/L	G94D	Refuge	Inflow	10	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	L40-1	Refuge	Inflow	2	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	L40-2	Refuge	Inflow	2	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	S5A	Refuge	Inflow	28	<0.6	0.56	<0.6	<0.6	<0.6	<0.6	2.95	0	NC
Total Cadmium	µg/L	S5AS	Refuge	Inflow	4	<0.6	0.31	<0.6	<0.6	<0.6	0.61	0.76	0	--
Total Cadmium	µg/L	S6	Refuge	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	ENR004	Refuge	Rim	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S5AD	Refuge	Rim	9	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S6D	Refuge	Rim	9	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX10	Refuge	Interior	3	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX11	Refuge	Interior	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX12	Refuge	Interior	9	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX13	Refuge	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX14	Refuge	Interior	7	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX15	Refuge	Interior	8	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX16	Refuge	Interior	7	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX3	Refuge	Interior	1	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	LOX4	Refuge	Interior	3	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX5	Refuge	Interior	2	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	LOX6	Refuge	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX7	Refuge	Interior	6	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX8	Refuge	Interior	6	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	LOX9	Refuge	Interior	3	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Cadmium	µg/L	G94B	Refuge	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10A	Refuge	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10C	Refuge	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10D	Refuge	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10E	Refuge	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S39	Refuge	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10A	WCA-2	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10C	WCA-2	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10D	WCA-2	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S10E	WCA-2	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S38B	WCA-2	Inflow	6	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S7	WCA-2	Inflow	6	<0.6	0.25	<0.6	<0.6	<0.6	<0.6	0.75	0	--
Total Cadmium	µg/L	CA215	WCA-2	Interior	6	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA27	WCA-2	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA28	WCA-2	Interior	3	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA29	WCA-2	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	F1	WCA-2	Interior	6	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	F2	WCA-2	Interior	6	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	F4	WCA-2	Interior	6	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S144	WCA-2	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S145	WCA-2	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S146	WCA-2	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S11A	WCA-2	Outflow	5	<0.6	0.45	<0.6	<0.6	<0.6	0.80	1.22	0	--
Total Cadmium	µg/L	S11B	WCA-2	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S11C	WCA-2	Outflow	5	<0.6	0.24	<0.6	<0.6	<0.6	<0.6	0.69	0	--
Total Cadmium	µg/L	S34	WCA-2	Outflow	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S38	WCA-2	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	C123SR84	WCA-3	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	G123	WCA-3	Inflow	9	<0.6	0.17	<0.6	<0.6	<0.6	<0.6	0.63	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Cadmium	µg/L	G204	WCA-3	Inflow	6	<0.6	0.25	<0.6	<0.6	<0.6	<0.6	0.75	0	--
Total Cadmium	µg/L	G205	WCA-3	Inflow	7	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	G206	WCA-3	Inflow	8	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	L3	WCA-3	Inflow	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S11A	WCA-3	Inflow	5	<0.6	0.45	<0.6	<0.6	<0.6	0.80	1.22	0	--
Total Cadmium	µg/L	S11B	WCA-3	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S11C	WCA-3	Inflow	5	<0.6	0.24	<0.6	<0.6	<0.6	<0.6	0.69	0	--
Total Cadmium	µg/L	S140	WCA-3	Inflow	10	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S142	WCA-3	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S150	WCA-3	Inflow	5	<0.6	0.29	<0.6	<0.6	<0.6	0.63	0.81	0	--
Total Cadmium	µg/L	S151	WCA-3	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S190	WCA-3	Inflow	10	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S8	WCA-3	Inflow	17	<0.6	0.14	<0.6	<0.6	<0.6	<0.6	0.64	0	--
Total Cadmium	µg/L	S9	WCA-3	Inflow	10	<0.6	0.19	<0.6	<0.6	<0.6	<0.6	0.71	0	--
Total Cadmium	µg/L	CA311	WCA-3	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA315	WCA-3	Interior	7	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA316	WCA-3	Interior	1	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	CA317	WCA-3	Interior	2	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	CA318	WCA-3	Interior	1	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	CA32	WCA-3	Interior	3	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA33	WCA-3	Interior	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA34	WCA-3	Interior	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA35	WCA-3	Interior	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	CA36	WCA-3	Interior	2	<0.6	--	<0.6	--	<0.6	--	<0.6	0	--
Total Cadmium	µg/L	CA38	WCA-3	Interior	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S12A	WCA-3	Outflow	32	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S12B	WCA-3	Outflow	32	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S12C	WCA-3	Outflow	32	<0.6	0.12	<0.6	<0.6	<0.6	<0.6	0.73	0	NC
Total Cadmium	µg/L	S12D	WCA-3	Outflow	35	<0.6	0.16	<0.6	<0.6	<0.6	<0.6	1.05	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Cadmium	µg/L	S14	WCA-3	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S197	WCA-3	Outflow	4	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S31	WCA-3	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S333	WCA-3	Outflow	37	<0.6	0.17	<0.6	<0.6	<0.6	<0.6	1.14	0	NC
Total Cadmium	µg/L	S334	WCA-3	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S344	WCA-3	Outflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S355A	WCA-3	Outflow	8	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S355B	WCA-3	Outflow	8	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	US41-25	WCA-3	Outflow	35	<0.6		<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S12A	Park	Inflow	32	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S12B	Park	Inflow	32	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S12C	Park	Inflow	32	<0.6	0.12	<0.6	<0.6	<0.6	<0.6	0.73	0	NC
Total Cadmium	µg/L	S12D	Park	Inflow	35	<0.6	0.16	<0.6	<0.6	<0.6	<0.6	1.05	0	NC
Total Cadmium	µg/L	S14	Park	Inflow	5	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S175	Park	Inflow	38	<0.6		<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S18C	Park	Inflow	39	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S332	Park	Inflow	43	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	S332D	Park	Inflow	8	<0.6	0.52	<0.6	<0.6	<0.6	<0.6	1.62	0	--
Total Cadmium	µg/L	S333	Park	Inflow	37	<0.6	0.17	<0.6	<0.6	<0.6	<0.6	1.14	0	NC
Total Cadmium	µg/L	S355A	Park	Inflow	8	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	S355B	Park	Inflow	8	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	EP	Park	Interior	27	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	NE1	Park	Interior	31	<0.6	0.13	<0.6	<0.6	<0.6	<0.6	0.66	0	NC
Total Cadmium	µg/L	NP201	Park	Interior	28	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	P33	Park	Interior	30	<0.6	0.13	<0.6	<0.6	<0.6	<0.6	0.76	0	NC
Total Cadmium	µg/L	P34	Park	Interior	24	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	P35	Park	Interior	25	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Cadmium	µg/L	P36	Park	Interior	30	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	NC
Total Cadmium	µg/L	P37	Park	Interior	24	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Cadmium	µg/L	TSB	Park	Interior	24	<0.6	--	<0.6	<0.6	<0.6	<0.6	<0.6	0	--
Total Copper	µg/L	ACME1DS	Refuge	Inflow	9	<2.4	1.56	<2.4	<2.4	<2.4	2.90	4.91	0	--
Total Copper	µg/L	ENR012	Refuge	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	G94D	Refuge	Inflow	9	2.73111	3.12	<2.4	<2.4	<2.4	3.82	10.20	0	--
Total Copper	µg/L	L40-1	Refuge	Inflow	2	<2.4	1.81	<2.4	--	<2.4	--	3.16	0	--
Total Copper	µg/L	L40-2	Refuge	Inflow	2	3.82	4.55	<2.4	--	3.82	--	7.04	0	--
Total Copper	µg/L	S5A	Refuge	Inflow	28	<2.4	1.13	<2.4	<2.4	<2.4	2.64	4.06	0	NC
Total Copper	µg/L	S5AS	Refuge	Inflow	4	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S6	Refuge	Inflow	5	<2.4	0.46	<2.4	<2.4	<2.4	2.45	2.76	0	--
Total Copper	µg/L	ENR004	Refuge	Rim	4	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S5AD	Refuge	Rim	9	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S6D	Refuge	Rim	8	<2.4	1.33	<2.4	<2.4	<2.4	<2.4	4.30	0	--
Total Copper	µg/L	LOX10	Refuge	Interior	3	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	LOX11	Refuge	Interior	4	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	LOX12	Refuge	Interior	9	<2.4	4.09	<2.4	<2.4	<2.4	<2.4	13.00	11.1 ± 17.2	--
Total Copper	µg/L	LOX13	Refuge	Interior	5	<2.4	0.82	<2.4	<2.4	<2.4	<2.4	2.40	0	--
Total Copper	µg/L	LOX14	Refuge	Interior	7	<2.4	1.30	<2.4	<2.4	<2.4	<2.4	4.10	14.3 ± 21.8	--
Total Copper	µg/L	LOX15	Refuge	Interior	8	<2.4	0.92	<2.4	<2.4	<2.4	<2.4	2.80	0	--
Total Copper	µg/L	LOX16	Refuge	Interior	7	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	LOX3	Refuge	Interior	1	<2.4	--	<2.4	--	<2.4	--	<2.4	0	--
Total Copper	µg/L	LOX4	Refuge	Interior	3	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	LOX5	Refuge	Interior	2	<2.4	--	<2.4	--	<2.4	--	<2.4	0	--
Total Copper	µg/L	LOX6	Refuge	Interior	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	LOX7	Refuge	Interior	6	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	LOX8	Refuge	Interior	6	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	LOX9	Refuge	Interior	3	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	G94B	Refuge	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S10A	Refuge	Outflow	5	<2.4	0.82	<2.4	<2.4	<2.4	<2.4	2.48	0	--
Total Copper	µg/L	S10C	Refuge	Outflow	5	<2.4	0.76	<2.4	<2.4	<2.4	<2.4	2.45	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Copper	µg/L	S10D	Refuge	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S10E	Refuge	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S39	Refuge	Outflow	5	<2.4	1.11	<2.4	<2.4	<2.4	2.62	2.78	0	--
Total Copper	µg/L	S10A	WCA-2	Inflow	5	<2.4	0.82	<2.4	<2.4	<2.4	<2.4	2.48	0	--
Total Copper	µg/L	S10C	WCA-2	Inflow	5	<2.4	0.76	<2.4	<2.4	<2.4	<2.4	2.45	0	--
Total Copper	µg/L	S10D	WCA-2	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S10E	WCA-2	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S38B	WCA-2	Inflow	5	<2.4	0.84	<2.4	<2.4	<2.4	2.60	2.62	0	--
Total Copper	µg/L	S7	WCA-2	Inflow	6	<2.4	1.00	<2.4	<2.4	<2.4	<2.4	2.97	0	--
Total Copper	µg/L	CA215	WCA-2	Interior	6	<2.4	1.44	<2.4	<2.4	<2.4	<2.4	4.10	0	--
Total Copper	µg/L	CA27	WCA-2	Interior	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	CA28	WCA-2	Interior	3	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	CA29	WCA-2	Interior	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	F1	WCA-2	Interior	6	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	F2	WCA-2	Interior	6	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	F4	WCA-2	Interior	6	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S144	WCA-2	Interior	5	<2.4	0.87	<2.4	<2.4	<2.4	<2.4	2.72	0	--
Total Copper	µg/L	S145	WCA-2	Interior	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S146	WCA-2	Interior	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S11A	WCA-2	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S11B	WCA-2	Outflow	5	<2.4	0.89	<2.4	<2.4	<2.4	<2.4	2.60	0	--
Total Copper	µg/L	S11C	WCA-2	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S34	WCA-2	Outflow	4	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S38	WCA-2	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	C123SR84	WCA-3	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	G123	WCA-3	Inflow	9	<2.4	1.52	<2.4	<2.4	<2.4	<2.4	5.47	0	--
Total Copper	µg/L	G204	WCA-3	Inflow	6	<2.4	1.98	<2.4	<2.4	<2.4	2.60	5.83	0	--
Total Copper	µg/L	G205	WCA-3	Inflow	7	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	G206	WCA-3	Inflow	8	<2.4	1.53	<2.4	<2.4	<2.4	<2.4	5.11	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Copper	µg/L	L3	WCA-3	Inflow	4	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S11A	WCA-3	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S11B	WCA-3	Inflow	5	<2.4	0.89	<2.4	<2.4	<2.4	<2.4	2.60	0	--
Total Copper	µg/L	S11C	WCA-3	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S140	WCA-3	Inflow	9	<2.4	0.80	<2.4	<2.4	<2.4	<2.4	3.01	0	--
Total Copper	µg/L	S142	WCA-3	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S150	WCA-3	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S151	WCA-3	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S190	WCA-3	Inflow	9	<2.4	0.79	<2.4	<2.4	<2.4	<2.4	2.77	0	--
Total Copper	µg/L	S8	WCA-3	Inflow	16	<2.4	1.12	<2.4	<2.4	<2.4	<2.4	4.83	0	--
Total Copper	µg/L	S9	WCA-3	Inflow	10	<2.4	1.54	<2.4	<2.4	<2.4	3.96	4.95	0	--
Total Copper	µg/L	CA311	WCA-3	Interior	5	<2.4	1.13	<2.4	<2.4	<2.4	<2.4	3.10	0	--
Total Copper	µg/L	CA315	WCA-3	Interior	7	<2.4	0.82	<2.4	<2.4	<2.4	<2.4	2.70	0	--
Total Copper	µg/L	CA316	WCA-3	Interior	1	<2.4	--	<2.4	--	<2.4	--	<2.4	0	--
Total Copper	µg/L	CA317	WCA-3	Interior	2	<2.4	--	<2.4	--	<2.4	--	<2.4	0	--
Total Copper	µg/L	CA318	WCA-3	Interior	1	<2.4	--	<2.4	--	<2.4	--	<2.4	0	--
Total Copper	µg/L	CA32	WCA-3	Interior	3	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	CA33	WCA-3	Interior	5	<2.4	1.57	<2.4	<2.4	<2.4	2.55	4.10	0	--
Total Copper	µg/L	CA34	WCA-3	Interior	4	<2.4	2.90	<2.4	<2.4	<2.4	4.85	6.30	0	--
Total Copper	µg/L	CA35	WCA-3	Interior	4	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	CA36	WCA-3	Interior	2	<2.4	--	<2.4	--	<2.4	--	<2.4	0	--
Total Copper	µg/L	CA38	WCA-3	Interior	4	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S12A	WCA-3	Outflow	32	<2.4	0.54	<2.4	<2.4	<2.4	<2.4	2.69	0	NC
Total Copper	µg/L	S12B	WCA-3	Outflow	32	<2.4	0.62	<2.4	<2.4	<2.4	<2.4	3.78	0	NC
Total Copper	µg/L	S12C	WCA-3	Outflow	33	<2.4	0.46	<2.4	<2.4	<2.4	<2.4	2.61	0	NC
Total Copper	µg/L	S12D	WCA-3	Outflow	35	<2.4	0.50	<2.4	<2.4	<2.4	<2.4	3.09	0	NC
Total Copper	µg/L	S14	WCA-3	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S197	WCA-3	Outflow	4	<2.4	1.16	<2.4	<2.4	<2.4	<2.4	2.92	0	--
Total Copper	µg/L	S31	WCA-3	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Copper	µg/L	S333	WCA-3	Outflow	37	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	NC
Total Copper	µg/L	S334	WCA-3	Outflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S344	WCA-3	Outflow	5	<2.4	1.64	<2.4	<2.4	<2.4	2.43	4.27	0	--
Total Copper	µg/L	S355A	WCA-3	Outflow	8	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S355B	WCA-3	Outflow	8	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	US41-25	WCA-3	Outflow	34	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	NC
Total Copper	µg/L	S12A	Park	Inflow	32	<2.4	0.54	<2.4	<2.4	<2.4	<2.4	2.69	0	NC
Total Copper	µg/L	S12B	Park	Inflow	32	<2.4	0.62	<2.4	<2.4	<2.4	<2.4	3.78	0	NC
Total Copper	µg/L	S12C	Park	Inflow	33	<2.4	0.46	<2.4	<2.4	<2.4	<2.4	2.61	0	NC
Total Copper	µg/L	S12D	Park	Inflow	35	<2.4	0.50	<2.4	<2.4	<2.4	<2.4	3.09	0	NC
Total Copper	µg/L	S14	Park	Inflow	5	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S175	Park	Inflow	38	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	NC
Total Copper	µg/L	S18C	Park	Inflow	39	<2.4	0.84	<2.4	<2.4	<2.4	<2.4	5.48	0	NC
Total Copper	µg/L	S332	Park	Inflow	43	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	NC
Total Copper	µg/L	S332D	Park	Inflow	8	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S333	Park	Inflow	37	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	NC
Total Copper	µg/L	S355A	Park	Inflow	8	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	S355B	Park	Inflow	8	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	EP	Park	Interior	27	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	NE1	Park	Interior	30	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	NC
Total Copper	µg/L	NP201	Park	Interior	28	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	NC
Total Copper	µg/L	P33	Park	Interior	29	<2.4	0.76	<2.4	<2.4	<2.4	<2.4	3.85	0	NC
Total Copper	µg/L	P34	Park	Interior	23	<2.4	2.66	<2.4	<2.4	<2.4	<2.4	9.97	8.7 ± 9.7	--
Total Copper	µg/L	P35	Park	Interior	25	<2.4	1.75	<2.4	<2.4	<2.4	<2.4	6.21	0	--
Total Copper	µg/L	P36	Park	Interior	30	<2.4	0.70	<2.4	<2.4	<2.4	<2.4	4.08	0	NC
Total Copper	µg/L	P37	Park	Interior	24	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	0	--
Total Copper	µg/L	TSB	Park	Interior	24	<2.4	1.43	<2.4	<2.4	<2.4	<2.4	7.58	0	--
Total Iron	µg/L	ACME1DS	Refuge	Inflow	19	232.14	153	38	109	220	301	654	0	--
Total Iron	µg/L	ENR012	Refuge	Inflow	43	11.29	4	<6.0	8	10	13	26	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Iron	µg/L	G94D	Refuge	Inflow	19	500.35	437	44	201	450	624	1860	10.5 ± 11.6	--
Total Iron	µg/L	L40-1	Refuge	Inflow	3	373.67	135	281	281	312	528	528	0	--
Total Iron	µg/L	L40-2	Refuge	Inflow	3	540	226	398	398	421	801	801	0	--
Total Iron	µg/L	S5A	Refuge	Inflow	32	596.42	814	64	149	393	615	4119	9.4 ± 8.5	MC
Total Iron	µg/L	S5AS	Refuge	Inflow	7	583.85	787	99	100	300	726	2303	14.3 ± 21.8	--
Total Iron	µg/L	S6	Refuge	Inflow	10	252.16	205	36	57	199	419	616	0	--
Total Iron	µg/L	ENR004	Refuge	Rim	26	108.63	92	23	56	69	117	385	0	--
Total Iron	µg/L	S5AD	Refuge	Rim	38	280.2	357	22	86	135	368	1902	2.6 ± 4.3	MC
Total Iron	µg/L	S6D	Refuge	Rim	32	74.97	56	23	37	61	82	260	0	NC
Total Iron	µg/L	LOX10	Refuge	Interior	16	25.36	10	13	18	24	31	54	0	--
Total Iron	µg/L	LOX11	Refuge	Interior	22	89.89	37	50	62	88	103	191	0	--
Total Iron	µg/L	LOX12	Refuge	Interior	38	26.18	16	6	14	21	35	73	0	NC
Total Iron	µg/L	LOX13	Refuge	Interior	21	107.7	57	58	70	96	125	310	0	--
Total Iron	µg/L	LOX14	Refuge	Interior	30	71.56	36	21	42	64	93	150	0	NC
Total Iron	µg/L	LOX15	Refuge	Interior	35	10.83	22	<6.0	<6.0	<6.0	9	130	0	NC
Total Iron	µg/L	LOX16	Refuge	Interior	32	129.23	64	45	72	115	178	280	0	NC
Total Iron	µg/L	LOX3	Refuge	Interior	6	74.07	15	59	61	72	86	98	0	--
Total Iron	µg/L	LOX4	Refuge	Interior	16	30.31	22	7	14	19	46	76	0	--
Total Iron	µg/L	LOX5	Refuge	Interior	12	55.65	16	36	41	55	71	79	0	--
Total Iron	µg/L	LOX6	Refuge	Interior	28	85.04	66	21	36	59	110	270	0	NC
Total Iron	µg/L	LOX7	Refuge	Interior	26	107.4	42	59	77	88	147	200	0	--
Total Iron	µg/L	LOX8	Refuge	Interior	26	56.02	27	30	39	49	63	150	0	--
Total Iron	µg/L	LOX9	Refuge	Interior	17	45.28	20	22	28	42	63	86	0	--
Total Iron	µg/L	G94B	Refuge	Outflow	20	95.78	79	18	36	63	146	317	0	--
Total Iron	µg/L	S10A	Refuge	Outflow	19	43.29	35	7	13	33	64	137	0	--
Total Iron	µg/L	S10C	Refuge	Outflow	19	65.7	69	<6.0	20	49	103	289	0	--
Total Iron	µg/L	S10D	Refuge	Outflow	18	123.08	121	15	49	71	185	488	0	--
Total Iron	µg/L	S10E	Refuge	Outflow	12	171.1	160	27	47	107	330	488	0	--
Total Iron	µg/L	S39	Refuge	Outflow	13	45.95	34	8	18	37	85	104	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Iron	µg/L	S10A	WCA-2	Inflow	19	43.29	35	7	13	33	64	137	0	--
Total Iron	µg/L	S10C	WCA-2	Inflow	19	65.7	69	<6.0	20	49	103	289	0	--
Total Iron	µg/L	S10D	WCA-2	Inflow	18	123.08	121	15	49	71	185	488	0	--
Total Iron	µg/L	S10E	WCA-2	Inflow	12	171.1	160	27	47	107	330	488	0	--
Total Iron	µg/L	S38B	WCA-2	Inflow	12	57.33	50	12	21	34	91	155	0	--
Total Iron	µg/L	S7	WCA-2	Inflow	17	89.14	56	20	45	75	118	220	0	--
Total Iron	µg/L	CA215	WCA-2	Interior	46	9.34	5	<6.0	6	7	12	25	0	NC
Total Iron	µg/L	CA27	WCA-2	Interior	34	25.81	11	8	19	24	33	54	0	NC
Total Iron	µg/L	CA28	WCA-2	Interior	24	75.55	49	11	46	71	81	260	0	--
Total Iron	µg/L	CA29	WCA-2	Interior	40	14.56	7	<6.0	9	13	17	38	0	NC
Total Iron	µg/L	F1	WCA-2	Interior	32	17.76	8	<6.0	12	17	23	36	0	NC
Total Iron	µg/L	F2	WCA-2	Interior	41	10.74	9	<6.0	6	8	14	58	0	NC
Total Iron	µg/L	F4	WCA-2	Interior	37	<6.0	3	<6.0	<6.0	<6.0	7	15	0	NC
Total Iron	µg/L	S144	WCA-2	Interior	10	20.53	27	<6.0	6	10	28	93	0	--
Total Iron	µg/L	S145	WCA-2	Interior	10	18.86	19	<6.0	<6.0	9	33	60	0	--
Total Iron	µg/L	S146	WCA-2	Interior	10	15.86	15	<6.0	<6.0	8	34	41	0	--
Total Iron	µg/L	S11A	WCA-2	Outflow	10	58.51	80	<6.0	13	24	78	265	0	--
Total Iron	µg/L	S11B	WCA-2	Outflow	18	41.64	46	<6.0	15	24	48	169	0	--
Total Iron	µg/L	S11C	WCA-2	Outflow	19	71.93	82	11	25	49	81	335	0	--
Total Iron	µg/L	S34	WCA-2	Outflow	9	74.81	100	20	24	41	79	334	0	--
Total Iron	µg/L	S38	WCA-2	Outflow	10	8.3	6	<6.0	<6.0	<6.0	12	23	0	--
Total Iron	µg/L	C123SR84	WCA-3	Inflow	10	152.8	132	42	52	109	233	422	0	--
Total Iron	µg/L	G123	WCA-3	Inflow	17	191.05	121	30	85	191	314	393	0	--
Total Iron	µg/L	G204	WCA-3	Inflow	7	183.66	168	35	38	103	375	411	0	--
Total Iron	µg/L	G205	WCA-3	Inflow	10	152.14	108	49	81	133	192	424	0	--
Total Iron	µg/L	G206	WCA-3	Inflow	8	150.49	109	36	73	118	273	321	0	--
Total Iron	µg/L	L3	WCA-3	Inflow	8	502.7	436	132	170	284	1024	1170	25 ± 25.2	--
Total Iron	µg/L	S11A	WCA-3	Inflow	10	58.51	80	<6.0	13	24	78	265	0	--
Total Iron	µg/L	S11B	WCA-3	Inflow	18	41.64	46	<6.0	15	24	48	169	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Iron	µg/L	S11C	WCA-3	Inflow	19	71.93	82	11	25	49	81	335	0	--
Total Iron	µg/L	S140	WCA-3	Inflow	19	196.89	99	34	90	191	297	323	0	--
Total Iron	µg/L	S142	WCA-3	Inflow	10	58.35	42	9	23	45	100	128	0	--
Total Iron	µg/L	S150	WCA-3	Inflow	19	86.86	62	<6.0	61	67	108	291	0	--
Total Iron	µg/L	S151	WCA-3	Inflow	10	172.22	98	26	116	156	216	402	0	--
Total Iron	µg/L	S190	WCA-3	Inflow	20	182.2	108	46	91	153	245	383	0	--
Total Iron	µg/L	S8	WCA-3	Inflow	31	165.56	116	20	76	125	230	474	0	NC
Total Iron	µg/L	S9	WCA-3	Inflow	19	375.52	179	81	250	417	541	634	0	--
Total Iron	µg/L	CA311	WCA-3	Interior	47	128.26	103	26	58	94	190	590	0	NC
Total Iron	µg/L	CA315	WCA-3	Interior	54	219.38	187	22	75	165	285	820	0	NC
Total Iron	µg/L	CA316	WCA-3	Interior	13	8.09	6	<6.0	<6.0	8	12	22	0	--
Total Iron	µg/L	CA317	WCA-3	Interior	20	8.54	7	<6.0	<6.0	7	10	35	0	--
Total Iron	µg/L	CA318	WCA-3	Interior	16	28.16	24	<6.0	9	21	41	94	0	--
Total Iron	µg/L	CA32	WCA-3	Interior	31	67.2	70	16	31	48	79	380	0	NC
Total Iron	µg/L	CA33	WCA-3	Interior	39	77.36	39	33	46	70	91	240	0	NC
Total Iron	µg/L	CA34	WCA-3	Interior	38	50.35	49	11	16	33	63	241	0	NC
Total Iron	µg/L	CA35	WCA-3	Interior	25	194.3	88	53	120	210	265	400	0	--
Total Iron	µg/L	CA36	WCA-3	Interior	26	74.15	40	19	38	67	100	153	0	--
Total Iron	µg/L	CA38	WCA-3	Interior	37	143.41	124	<6.0	74	99	160	610	0	NC
Total Iron	µg/L	S12A	WCA-3	Outflow	51	124.76	38	21	102	123	150	236	0	NC
Total Iron	µg/L	S12B	WCA-3	Outflow	49	124.13	53	21	79	120	161	290	0	NC
Total Iron	µg/L	S12C	WCA-3	Outflow	57	123.72	62	23	83	110	151	353	0	NC
Total Iron	µg/L	S12D	WCA-3	Outflow	54	104.5	71	29	56	84	133	403	0	NC
Total Iron	µg/L	S14	WCA-3	Outflow	2	118.19	78	63	--	118	--	173	0	--
Total Iron	µg/L	S197	WCA-3	Outflow	7	158.75	149	43	46	119	198	474	0	--
Total Iron	µg/L	S31	WCA-3	Outflow	10	71	38	29	33	61	107	143	0	--
Total Iron	µg/L	S333	WCA-3	Outflow	64	85.06	47	19	51	78	102	293	0	NC
Total Iron	µg/L	S334	WCA-3	Outflow	10	358.04	295	114	157	218	571	994	0	--
Total Iron	µg/L	S344	WCA-3	Outflow	18	83.12	45	26	42	67	113	182	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Iron	µg/L	S355A	WCA-3	Outflow	13	61.41	53	17	25	43	96	171	0	--
Total Iron	µg/L	S355B	WCA-3	Outflow	13	93.99	37	49	63	89	117	176	0	--
Total Iron	µg/L	US41-25	WCA-3	Outflow	51	155.59	57	<6.0	117	142	200	269	0	NC
Total Iron	µg/L	S12A	Park	Inflow	51	124.76	38	21	102	123	150	236	0	NC
Total Iron	µg/L	S12B	Park	Inflow	49	124.13	53	21	79	120	161	290	0	NC
Total Iron	µg/L	S12C	Park	Inflow	57	123.72	62	23	83	110	151	353	0	NC
Total Iron	µg/L	S12D	Park	Inflow	54	104.5	71	29	56	84	133	403	0	NC
Total Iron	µg/L	S14	Park	Inflow	2	118.19	78	63	--	118		173	0	--
Total Iron	µg/L	S175	Park	Inflow	47	297.52	205	64	143	248	357	909	0	NC
Total Iron	µg/L	S18C	Park	Inflow	64	218.35	118	17	129	228	296	610	0	NC
Total Iron	µg/L	S332	Park	Inflow	68	298.72	152	102	189	271	360	920	0	NC
Total Iron	µg/L	S332D	Park	Inflow	16	282.21	124	101	196	260	374	527	0	--
Total Iron	µg/L	S333	Park	Inflow	64	85.06	47	19	51	78	102	293	0	NC
Total Iron	µg/L	S355A	Park	Inflow	13	61.41	53	17	25	43	96	171	0	--
Total Iron	µg/L	S355B	Park	Inflow	13	93.99	37	49	63	89	117	176	0	--
Total Iron	µg/L	EP	Park	Interior	27	14.01	11	<6.0	<6.0	10	21	48	0	--
Total Iron	µg/L	NE1	Park	Interior	31	1036.36	584	190	590	982	1438	2694	41.9 ± 14.6	C
Total Iron	µg/L	NP201	Park	Interior	28	268.76	343	<6.0	29	110	434	1540	3.6 ± 5.8	MC
Total Iron	µg/L	P33	Park	Interior	30	70.48	83	15	22	38	89	370	0	NC
Total Iron	µg/L	P34	Park	Interior	23	92.96	181	11	25	48	76	897	0	--
Total Iron	µg/L	P35	Park	Interior	25	577.48	703	127	194	361	637	3270	12 ± 10.7	--
Total Iron	µg/L	P36	Park	Interior	30	476.99	488	<6.0	181	263	676	2283	13.3 ± 10.2	PC
Total Iron	µg/L	P37	Park	Interior	24	228.07	157	25	121	178	307	728	0	--
Total Iron	µg/L	TSB	Park	Interior	23	104.92	102	23	50	75	104	427	0	--
Total Lead	µg/L	ACME1DS	Refuge	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	ENR012	Refuge	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	G94D	Refuge	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	L40-1	Refuge	Inflow	2	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	L40-2	Refuge	Inflow	2	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Lead	µg/L	S5A	Refuge	Inflow	27	<1.6	0.50	<1.6	<1.6	<1.6	<1.6	2.72	0	--
Total Lead	µg/L	S5AS	Refuge	Inflow	4	1.70	2.08	<1.6	<1.6	<1.6	3.88	4.76	0	--
Total Lead	µg/L	S6	Refuge	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	ENR004	Refuge	Rim	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S5AD	Refuge	Rim	9	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S6D	Refuge	Rim	9	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX10	Refuge	Interior	3	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX11	Refuge	Interior	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX12	Refuge	Interior	9	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX13	Refuge	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX14	Refuge	Interior	7	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX15	Refuge	Interior	8	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX16	Refuge	Interior	7	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX3	Refuge	Interior	1	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	LOX4	Refuge	Interior	3	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX5	Refuge	Interior	2	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	LOX6	Refuge	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX7	Refuge	Interior	6	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX8	Refuge	Interior	6	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	LOX9	Refuge	Interior	3	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10A	Refuge	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10C	Refuge	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10D	Refuge	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10E	Refuge	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S39	Refuge	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10A	WCA-2	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10C	WCA-2	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10D	WCA-2	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S10E	WCA-2	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Lead	µg/L	S38B	WCA-2	Inflow	2	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	S7	WCA-2	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA215	WCA-2	Interior	6	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA27	WCA-2	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA28	WCA-2	Interior	3	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA29	WCA-2	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	F1	WCA-2	Interior	6	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	F2	WCA-2	Interior	6	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	F4	WCA-2	Interior	6	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S144	WCA-2	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S145	WCA-2	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S146	WCA-2	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S11A	WCA-2	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S11B	WCA-2	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S11C	WCA-2	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S34	WCA-2	Outflow	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S38	WCA-2	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	C123SR84	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	G123	WCA-3	Inflow	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	G204	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	G205	WCA-3	Inflow	7	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	G206	WCA-3	Inflow	7	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	L3	WCA-3	Inflow	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S11A	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S11B	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S11C	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S140	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S150	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S151	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Lead	µg/L	S190	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S8	WCA-3	Inflow	16	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S9	WCA-3	Inflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA311	WCA-3	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA315	WCA-3	Interior	7	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA316	WCA-3	Interior	1	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	CA317	WCA-3	Interior	2	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	CA318	WCA-3	Interior	1	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	CA32	WCA-3	Interior	3	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA33	WCA-3	Interior	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA34	WCA-3	Interior	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA35	WCA-3	Interior	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	CA36	WCA-3	Interior	2	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--
Total Lead	µg/L	CA38	WCA-3	Interior	4	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S12A	WCA-3	Outflow	32	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S12B	WCA-3	Outflow	32	<1.6	0.23	<1.6	<1.6	<1.6	<1.6	1.69	0	NC
Total Lead	µg/L	S12C	WCA-3	Outflow	32	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S12D	WCA-3	Outflow	34	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S31	WCA-3	Outflow	5	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	S333	WCA-3	Outflow	32	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	US41-25	WCA-3	Outflow	35	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S12A	Park	Inflow	32	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S12B	Park	Inflow	32	<1.6	0.23	<1.6	<1.6	<1.6	<1.6	1.69	0	NC
Total Lead	µg/L	S12C	Park	Inflow	32	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S12D	Park	Inflow	34	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S175	Park	Inflow	33	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S18C	Park	Inflow	35	2.62	12.77	<1.6	<1.6	<1.6	<1.6	76.00	2.9 ± 4.6	MC
Total Lead	µg/L	S332	Park	Inflow	37	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	S332D	Park	Inflow	1	<1.6	--	<1.6	--	<1.6	--	<1.6	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Lead	µg/L	S333	Park	Inflow	32	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	EP	Park	Interior	27	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	NE1	Park	Interior	31	<1.6	0.33	<1.6	<1.6	<1.6	<1.6	2.26	3.2 ± 5.2	MC
Total Lead	µg/L	NP201	Park	Interior	28	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	P33	Park	Interior	30	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	P34	Park	Interior	24	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	P35	Park	Interior	25	<1.6	0.49	<1.6	<1.6	<1.6	<1.6	2.84	0	--
Total Lead	µg/L	P36	Park	Interior	30	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	NC
Total Lead	µg/L	P37	Park	Interior	24	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Lead	µg/L	TSB	Park	Interior	24	<1.6	--	<1.6	<1.6	<1.6	<1.6	<1.6	0	--
Total Nickel	µg/L	ENR012	Refuge	Inflow	4	<1.0	0.40	<1.0	<1.0	<1.0	<1.0	1.05	0	--
Total Nickel	µg/L	ENR004	Refuge	Rim	4	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Nickel	µg/L	G204	WCA-3	Inflow	5	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Nickel	µg/L	G205	WCA-3	Inflow	7	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Nickel	µg/L	G206	WCA-3	Inflow	7	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Nickel	µg/L	S8	WCA-3	Inflow	11	<1.0	1.37	<1.0	<1.0	<1.0	<1.0	4.89	0	--
Total Selenium	µg/L	ENR012	Refuge	Inflow	4	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	0	--
Total Selenium	µg/L	ENR004	Refuge	Rim	4	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	0	--
Total Selenium	µg/L	G204	WCA-3	Inflow	12	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	0	--
Total Selenium	µg/L	G205	WCA-3	Inflow	14	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	0	--
Total Selenium	µg/L	G206	WCA-3	Inflow	14	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	0	--
Total Selenium	µg/L	S8	WCA-3	Inflow	18	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	0	--
Total Silver	µg/L	ENR012	Refuge	Inflow	9	0.11	0.11	<0.04	<0.04	<0.04	0.25	0.25	11.1 ± 17.2	--
Total Silver	µg/L	G310	Refuge	Inflow	3	<0.04	--	<0.04	<0.04	<0.04	<0.04	<0.04	0	--
Total Silver	µg/L	S5A	Refuge	Inflow	6	<0.04	--	<0.04	<0.04	<0.04	<0.04	<0.04	0	--
Total Silver	µg/L	ENR004	Refuge	Rim	4	0.19	0.11	<0.04	0.08	0.25	0.25	0.25	0	--
Total Silver	µg/L	G204	WCA-3	Inflow	12	0.10	0.11	<0.04	<0.04	<0.04	0.25	0.25	0	--
Total Silver	µg/L	G205	WCA-3	Inflow	14	0.09	0.11	<0.04	<0.04	<0.04	0.25	0.25	0	--
Total Silver	µg/L	G206	WCA-3	Inflow	14	0.09	0.11	<0.04	<0.04	<0.04	0.25	0.25	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Silver	µg/L	S8	WCA-3	Inflow	18	0.07	0.10	<0.04	<0.04	<0.04	0.09	0.25	0	--
Total Thallium	µg/L	ENR012	Refuge	Inflow	4	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Thallium	µg/L	ENR004	Refuge	Rim	4	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Thallium	µg/L	G204	WCA-3	Inflow	12	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Thallium	µg/L	G205	WCA-3	Inflow	14	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Thallium	µg/L	G206	WCA-3	Inflow	14	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Thallium	µg/L	S8	WCA-3	Inflow	18	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	0	--
Total Zinc	µg/L	ACME1DS	Refuge	Inflow	9	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	ENR012	Refuge	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	G94D	Refuge	Inflow	9	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	L40-1	Refuge	Inflow	2	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	L40-2	Refuge	Inflow	2	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	S5A	Refuge	Inflow	27	<8.0	1.72	<8.0	<8.0	<8.0	<8.0	8.46	0	--
Total Zinc	µg/L	S5AS	Refuge	Inflow	4	<8.0	4.50	<8.0	<8.0	<8.0	10.31	12.25	0	--
Total Zinc	µg/L	S6	Refuge	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	ENR004	Refuge	Rim	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S5AD	Refuge	Rim	9	<8.0	5.03	<8.0	<8.0	<8.0	<8.0	17.00	0	--
Total Zinc	µg/L	S6D	Refuge	Rim	9	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX10	Refuge	Interior	3	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX11	Refuge	Interior	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX12	Refuge	Interior	9	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX13	Refuge	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX14	Refuge	Interior	7	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX15	Refuge	Interior	8	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX16	Refuge	Interior	7	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX3	Refuge	Interior	1	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	LOX4	Refuge	Interior	3	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX5	Refuge	Interior	2	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	LOX6	Refuge	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Total Zinc	µg/L	LOX7	Refuge	Interior	6	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX8	Refuge	Interior	6	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	LOX9	Refuge	Interior	3	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	G94B	Refuge	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S10A	Refuge	Outflow	5	<8.0	4.16	<8.0	<8.0	<8.0	<8.0	11.30	0	--
Total Zinc	µg/L	S10C	Refuge	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S10D	Refuge	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S10E	Refuge	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S39	Refuge	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S10A	WCA-2	Inflow	5	<8.0	4.16	<8.0	<8.0	<8.0	<8.0	11.30	0	--
Total Zinc	µg/L	S10C	WCA-2	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S10D	WCA-2	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S10E	WCA-2	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S38B	WCA-2	Inflow	5	<8.0	6.19	<8.0	<8.0	<8.0	8.92	15.83	0	--
Total Zinc	µg/L	S7	WCA-2	Inflow	6	<8.0	4.46	<8.0	<8.0	<8.0	8.04	12.91	0	--
Total Zinc	µg/L	CA215	WCA-2	Interior	6	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA27	WCA-2	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA28	WCA-2	Interior	3	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA29	WCA-2	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	F1	WCA-2	Interior	6	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	F2	WCA-2	Interior	6	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	F4	WCA-2	Interior	6	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S144	WCA-2	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S145	WCA-2	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S146	WCA-2	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S11A	WCA-2	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S11B	WCA-2	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S11C	WCA-2	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S34	WCA-2	Outflow	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Zinc	µg/L	S38	WCA-2	Outflow	5	<8.0	4.96	<8.0	<8.0	<8.0	<8.0	13.09	0	--
Total Zinc	µg/L	C123SR84	WCA-3	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	G123	WCA-3	Inflow	9	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	G204	WCA-3	Inflow	6	<8.0	7.28	<8.0	<8.0	<8.0	12.13	20.60	0	--
Total Zinc	µg/L	G205	WCA-3	Inflow	7	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	G206	WCA-3	Inflow	8	<8.0	3.68	<8.0	<8.0	<8.0	<8.0	12.40	0	--
Total Zinc	µg/L	L3	WCA-3	Inflow	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S11A	WCA-3	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S11B	WCA-3	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S11C	WCA-3	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S140	WCA-3	Inflow	9	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S142	WCA-3	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S150	WCA-3	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S151	WCA-3	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S190	WCA-3	Inflow	9	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S8	WCA-3	Inflow	16	<8.0	2.15	<8.0	<8.0	<8.0	<8.0	10.40	0	--
Total Zinc	µg/L	S9	WCA-3	Inflow	10	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA311	WCA-3	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA315	WCA-3	Interior	7	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA316	WCA-3	Interior	1	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	CA317	WCA-3	Interior	2	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	CA318	WCA-3	Interior	1	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	CA32	WCA-3	Interior	3	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA33	WCA-3	Interior	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA34	WCA-3	Interior	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA35	WCA-3	Interior	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	CA36	WCA-3	Interior	2	<8.0	--	<8.0	--	<8.0	--	<8.0	0	--
Total Zinc	µg/L	CA38	WCA-3	Interior	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S12A	WCA-3	Outflow	31	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Zinc	µg/L	S12B	WCA-3	Outflow	31	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	S12C	WCA-3	Outflow	31	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	S12D	WCA-3	Outflow	34	<8.0	2.26	<8.0	<8.0	<8.0	<8.0	10.50	0	NC
Total Zinc	µg/L	S14	WCA-3	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S197	WCA-3	Outflow	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S31	WCA-3	Outflow	4	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S333	WCA-3	Outflow	37	<8.0	2.10	<8.0	<8.0	<8.0	<8.0	8.50	0	NC
Total Zinc	µg/L	S334	WCA-3	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S344	WCA-3	Outflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S355A	WCA-3	Outflow	8	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S355B	WCA-3	Outflow	8	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	US41-25	WCA-3	Outflow	35	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	S12A	Park	Inflow	31	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	S12B	Park	Inflow	31	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	S12C	Park	Inflow	31	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	S12D	Park	Inflow	34	<8.0	2.26	<8.0	<8.0	<8.0	<8.0	10.50	0	NC
Total Zinc	µg/L	S14	Park	Inflow	5	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S175	Park	Inflow	35	<8.0	1.95	<8.0	<8.0	<8.0	<8.0	12.60	0	NC
Total Zinc	µg/L	S18C	Park	Inflow	36	<8.0	2.44	<8.0	<8.0	<8.0	<8.0	13.80	0	NC
Total Zinc	µg/L	S332	Park	Inflow	42	<8.0	2.24	<8.0	<8.0	<8.0	<8.0	12.58	0	NC
Total Zinc	µg/L	S332D	Park	Inflow	8	<8.0	2.64	<8.0	<8.0	<8.0	<8.0	8.73	0	--
Total Zinc	µg/L	S333	Park	Inflow	37	<8.0	2.10	<8.0	<8.0	<8.0	<8.0	8.50	0	NC
Total Zinc	µg/L	S355A	Park	Inflow	8	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	S355B	Park	Inflow	8	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	EP	Park	Interior	27	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	NE1	Park	Interior	31	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	NP201	Park	Interior	28	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	P33	Park	Interior	30	<8.0	2.64	<8.0	<8.0	<8.0	<8.0	16.31	0	NC
Total Zinc	µg/L	P34	Park	Interior	24	<8.0	6.83	<8.0	<8.0	<8.0	<8.0	34.88	0	--

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Total Zinc	µg/L	P35	Park	Interior	24	<8.0	6.47	<8.0	<8.0	<8.0	<8.0	28.20	0	--
Total Zinc	µg/L	P36	Park	Interior	30	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	NC
Total Zinc	µg/L	P37	Park	Interior	24	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Total Zinc	µg/L	TSB	Park	Interior	24	<8.0	--	<8.0	<8.0	<8.0	<8.0	<8.0	0	--
Turbidity	NTU	ACME1DS	Refuge	Inflow	66	4.7	2.7	0.8	2.7	4.4	5.6	15.8	0	NC
Turbidity	NTU	ENR012	Refuge	Inflow	129	1.7	2.1	0.4	0.8	1.1	1.9	21.7	0	NC
Turbidity	NTU	G310	Refuge	Inflow	72	6.3	9.1	0.4	2.5	3.6	5.7	63.0	4.2 ± 3.9	MC
Turbidity	NTU	G94D	Refuge	Inflow	67	6.7	5.6	1.4	3.4	5.7	8.5	39.7	1.5 ± 2.4	MC
Turbidity	NTU	L40-1	Refuge	Inflow	9	4.7	1.7	2.5	3.0	5.3	5.8	7.5	0	--
Turbidity	NTU	L40-2	Refuge	Inflow	9	3.9	1.4	2.7	2.8	3.4	5.3	6.3	0	--
Turbidity	NTU	S5A	Refuge	Inflow	44	17.4	23.8	2.3	4.7	11.4	18.4	136.5	11.4 ± 7.9	PC
Turbidity	NTU	S5AS	Refuge	Inflow	22	18.0	22.5	1.7	5.3	8.5	18.6	79.5	13.6 ± 12	--
Turbidity	NTU	S6	Refuge	Inflow	43	16.6	15.8	1.4	6.6	12.0	21.2	80.2	16.3 ± 9.3	PC
Turbidity	NTU	ENR004	Refuge	Rim	26	4.1	3.0	1.2	2.2	3.2	4.7	14.6	0	--
Turbidity	NTU	S5AD	Refuge	Rim	59	13.4	15.2	0.8	3.4	7.9	17.0	78.0	13.6 ± 7.3	PC
Turbidity	NTU	S6D	Refuge	Rim	43	6.1	5.4	0.5	2.5	4.4	8.4	29.0	0	NC
Turbidity	NTU	LOX10	Refuge	Interior	26	0.6	0.3	0.3	0.5	0.6	0.7	1.7	0	--
Turbidity	NTU	LOX11	Refuge	Interior	38	1.0	0.5	0.5	0.6	0.8	1.1	2.6	0	NC
Turbidity	NTU	LOX12	Refuge	Interior	57	0.6	0.4	0.3	0.4	0.5	0.6	2.7	0	NC
Turbidity	NTU	LOX13	Refuge	Interior	35	1.2	0.7	0.4	0.8	1.1	1.3	3.5	0	NC
Turbidity	NTU	LOX14	Refuge	Interior	47	0.6	0.3	0.3	0.5	0.5	0.6	1.7	0	NC
Turbidity	NTU	LOX15	Refuge	Interior	52	0.6	0.4	0.3	0.4	0.5	0.7	2.5	0	NC
Turbidity	NTU	LOX16	Refuge	Interior	49	0.6	0.3	0.3	0.5	0.6	0.7	2.1	0	NC
Turbidity	NTU	LOX3	Refuge	Interior	12	1.3	0.9	0.5	0.8	1.0	1.2	3.8	0	--
Turbidity	NTU	LOX4	Refuge	Interior	28	0.7	0.3	0.1	0.5	0.6	0.8	1.3	0	NC
Turbidity	NTU	LOX5	Refuge	Interior	19	1.2	0.7	0.5	0.9	1.1	1.2	3.8	0	--
Turbidity	NTU	LOX6	Refuge	Interior	44	0.6	0.2	0.4	0.5	0.6	0.7	1.2	0	NC
Turbidity	NTU	LOX7	Refuge	Interior	40	0.8	0.3	0.4	0.6	0.7	1.0	1.9	0	NC
Turbidity	NTU	LOX8	Refuge	Interior	42	1.0	0.5	0.4	0.6	0.8	1.2	2.8	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Turbidity	NTU	LOX9	Refuge	Interior	26	0.7	0.3	0.4	0.5	0.6	0.8	1.6	0	--
Turbidity	NTU	G94B	Refuge	Outflow	58	2.6	2.6	0.7	1.1	2.1	3.0	17.0	0	NC
Turbidity	NTU	S10A	Refuge	Outflow	30	2.3	2.0	0.7	1.2	1.7	2.7	10.5	0	NC
Turbidity	NTU	S10C	Refuge	Outflow	27	4.6	4.0	0.9	1.7	3.7	4.8	15.5	0	--
Turbidity	NTU	S10D	Refuge	Outflow	61	7.1	5.4	0.9	2.5	5.6	9.9	25.1	0	NC
Turbidity	NTU	S10E	Refuge	Outflow	58	8.8	9.5	1.3	3.2	5.7	9.8	50.0	6.9 ± 5.5	MC
Turbidity	NTU	S39	Refuge	Outflow	84	2.4	1.6	0.6	1.2	2.0	3.1	10.3	0	NC
Turbidity	NTU	G335	WCA-2	Inflow	48	4.9	5.5	0.7	1.8	3.3	5.3	31.5	2.1 ± 3.4	MC
Turbidity	NTU	G339	WCA-2	Inflow	1	16.3	--	16.3	--	16.3	--	16.3	0	--
Turbidity	NTU	S10A	WCA-2	Inflow	30	2.3	2.0	0.7	1.2	1.7	2.7	10.5	0	NC
Turbidity	NTU	S10C	WCA-2	Inflow	27	4.6	4.0	0.9	1.7	3.7	4.8	15.5	0	--
Turbidity	NTU	S10D	WCA-2	Inflow	61	7.1	5.4	0.9	2.5	5.6	9.9	25.1	0	NC
Turbidity	NTU	S10E	WCA-2	Inflow	58	8.8	9.5	1.3	3.2	5.7	9.8	50.0	6.9 ± 5.5	MC
Turbidity	NTU	S38B	WCA-2	Inflow	21	2.2	1.8	0.4	0.6	1.2	4.1	5.5	0	--
Turbidity	NTU	S7	WCA-2	Inflow	76	5.0	5.2	0.6	1.9	2.8	5.2	27.4	0	NC
Turbidity	NTU	CA215	WCA-2	Interior	85	0.7	0.2	0.3	0.5	0.6	0.8	1.7	0	NC
Turbidity	NTU	CA27	WCA-2	Interior	65	0.7	0.5	0.3	0.4	0.5	0.6	3.2	0	NC
Turbidity	NTU	CA28	WCA-2	Interior	49	2.1	1.8	0.5	1.1	1.5	2.5	12.0	0	NC
Turbidity	NTU	CA29	WCA-2	Interior	72	0.6	0.2	0.2	0.5	0.6	0.7	1.7	0	NC
Turbidity	NTU	F1	WCA-2	Interior	49	1.7	1.2	0.5	0.9	1.2	2.5	5.1	0	NC
Turbidity	NTU	F2	WCA-2	Interior	73	1.9	2.0	0.5	0.8	1.2	2.0	13.7	0	NC
Turbidity	NTU	F4	WCA-2	Interior	73	0.6	0.2	0.3	0.5	0.6	0.7	1.2	0	NC
Turbidity	NTU	S144	WCA-2	Interior	51	1.3	1.4	0.4	0.6	0.8	1.3	6.9	0	NC
Turbidity	NTU	S145	WCA-2	Interior	83	1.2	1.2	0.4	0.5	0.7	1.1	7.2	0	NC
Turbidity	NTU	S146	WCA-2	Interior	49	1.2	1.3	0.4	0.5	0.6	1.2	6.7	0	NC
Turbidity	NTU	S11A	WCA-2	Outflow	68	1.7	2.2	0.2	0.7	1.1	2.0	17.3	0	NC
Turbidity	NTU	S11B	WCA-2	Outflow	34	1.8	2.1	0.5	0.8	1.1	1.3	10.3	0	NC
Turbidity	NTU	S11C	WCA-2	Outflow	69	3.0	3.1	0.6	1.2	2.1	3.2	16.4	0	NC
Turbidity	NTU	S34	WCA-2	Outflow	75	1.6	1.3	0.3	0.8	1.2	1.8	7.5	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Turbidity	NTU	S38	WCA-2	Outflow	78	1.0	0.8	0.1	0.5	0.6	1.3	4.1	0	NC
Turbidity	NTU	C123SR84	WCA-3	Inflow	71	4.0	5.8	0.6	1.1	1.9	4.7	32.5	1.4 ± 2.3	MC
Turbidity	NTU	G123	WCA-3	Inflow	55	1.6	0.9	0.5	1.0	1.4	1.7	6.1	0	NC
Turbidity	NTU	L3	WCA-3	Inflow	36	5.6	6.6	1.1	2.3	3.6	5.7	32.9	2.8 ± 4.5	MC
Turbidity	NTU	S11A	WCA-3	Inflow	68	1.7	2.2	0.2	0.7	1.1	2.0	17.3	0	NC
Turbidity	NTU	S11B	WCA-3	Inflow	34	1.8	2.1	0.5	0.8	1.1	1.3	10.3	0	NC
Turbidity	NTU	S11C	WCA-3	Inflow	69	3.0	3.1	0.6	1.2	2.1	3.2	16.4	0	NC
Turbidity	NTU	S140	WCA-3	Inflow	81	1.7	1.3	0.6	1.1	1.4	1.9	10.5	0	NC
Turbidity	NTU	S142	WCA-3	Inflow	82	2.1	1.5	0.6	1.1	1.6	2.5	8.0	0	NC
Turbidity	NTU	S150	WCA-3	Inflow	61	3.5	3.8	0.6	1.5	2.2	4.1	20.2	0	NC
Turbidity	NTU	S151	WCA-3	Inflow	81	2.8	3.7	0.4	1.2	1.7	3.2	30.6	1.2 ± 2	MC
Turbidity	NTU	S190	WCA-3	Inflow	75	2.7	3.4	0.2	1.5	2.0	2.7	30.4	1.3 ± 2.2	MC
Turbidity	NTU	S8	WCA-3	Inflow	73	5.2	4.3	1.3	2.7	3.6	6.1	26.2	0	NC
Turbidity	NTU	S9	WCA-3	Inflow	83	3.8	3.1	0.3	2.4	3.4	4.5	21.8	0	NC
Turbidity	NTU	CA311	WCA-3	Interior	85	0.7	0.4	0.3	0.5	0.5	0.7	3.5	0	NC
Turbidity	NTU	CA315	WCA-3	Interior	97	0.7	0.5	0.3	0.4	0.5	0.7	2.5	0	NC
Turbidity	NTU	CA316	WCA-3	Interior	52	0.8	0.7	0.3	0.5	0.6	0.8	5.2	0	NC
Turbidity	NTU	CA317	WCA-3	Interior	73	0.6	0.3	0.3	0.4	0.5	0.7	1.6	0	NC
Turbidity	NTU	CA318	WCA-3	Interior	61	0.9	0.7	0.3	0.5	0.7	0.9	3.9	0	NC
Turbidity	NTU	CA32	WCA-3	Interior	52	0.6	0.2	0.4	0.5	0.6	0.7	1.6	0	NC
Turbidity	NTU	CA33	WCA-3	Interior	64	0.7	0.4	0.4	0.5	0.6	0.8	2.6	0	NC
Turbidity	NTU	CA34	WCA-3	Interior	68	0.7	0.3	0.4	0.5	0.6	0.8	1.5	0	NC
Turbidity	NTU	CA35	WCA-3	Interior	38	0.8	0.4	0.4	0.5	0.7	1.0	2.2	0	NC
Turbidity	NTU	CA36	WCA-3	Interior	36	1.3	1.1	0.4	0.5	1.1	1.7	5.3	0	NC
Turbidity	NTU	CA38	WCA-3	Interior	65	0.7	0.4	0.3	0.5	0.6	0.8	2.4	0	NC
Turbidity	NTU	S12A	WCA-3	Outflow	76	1.1	0.9	0.4	0.6	0.8	1.3	4.9	0	NC
Turbidity	NTU	S12B	WCA-3	Outflow	78	1.1	0.8	0.4	0.6	0.7	1.2	4.6	0	NC
Turbidity	NTU	S12C	WCA-3	Outflow	85	1.1	0.7	0.3	0.6	0.9	1.4	4.3	0	NC
Turbidity	NTU	S12D	WCA-3	Outflow	104	1.3	1.0	0.4	0.6	1.0	1.6	6.8	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Turbidity	NTU	S197	WCA-3	Outflow	18	1.9	2.6	0.2	0.6	1.0	1.9	11.6	0	--
Turbidity	NTU	S31	WCA-3	Outflow	55	1.7	1.4	0.4	0.8	1.2	2.0	7.8	0	NC
Turbidity	NTU	S333	WCA-3	Outflow	101	1.5	1.3	0.4	0.7	1.1	1.6	8.0	0	NC
Turbidity	NTU	S334	WCA-3	Outflow	67	2.5	2.1	0.6	1.1	1.6	2.8	13.0	0	NC
Turbidity	NTU	S344	WCA-3	Outflow	19	1.6	1.5	0.5	0.5	0.7	2.6	5.0	0	--
Turbidity	NTU	S355A	WCA-3	Outflow	40	6.4	14.2	0.4	0.7	1.4	2.5	71.4	7.5 ± 6.9	MC
Turbidity	NTU	S355B	WCA-3	Outflow	41	5.0	6.9	0.3	1.0	1.5	6.1	25.4	0	NC
Turbidity	NTU	US41-25	WCA-3	Outflow	93	1.3	1.1	0.1	0.6	0.9	1.9	6.4	0	NC
Turbidity	NTU	S12A	Park	Inflow	76	1.1	0.9	0.4	0.6	0.8	1.3	4.9	0	NC
Turbidity	NTU	S12B	Park	Inflow	78	1.1	0.8	0.4	0.6	0.7	1.2	4.6	0	NC
Turbidity	NTU	S12C	Park	Inflow	85	1.1	0.7	0.3	0.6	0.9	1.4	4.3	0	NC
Turbidity	NTU	S12D	Park	Inflow	104	1.3	1.0	0.4	0.6	1.0	1.6	6.8	0	NC
Turbidity	NTU	S175	Park	Inflow	87	2.4	1.8	0.7	1.4	1.9	2.6	9.5	0	NC
Turbidity	NTU	S18C	Park	Inflow	96	1.9	0.9	0.5	1.2	1.8	2.5	5.2	0	NC
Turbidity	NTU	S332	Park	Inflow	121	2.5	1.9	0.7	1.6	2.0	2.7	16.9	0	NC
Turbidity	NTU	S332D	Park	Inflow	77	2.2	1.1	0.8	1.3	2.0	2.8	6.4	0	NC
Turbidity	NTU	S333	Park	Inflow	101	1.5	1.3	0.4	0.7	1.1	1.6	8.0	0	NC
Turbidity	NTU	S355A	Park	Inflow	40	6.4	14.2	0.4	0.7	1.4	2.5	71.4	7.5 ± 6.9	MC
Turbidity	NTU	S355B	Park	Inflow	41	5.0	6.9	0.3	1.0	1.5	6.1	25.4	0	NC
Turbidity	NTU	EP	Park	Interior	39	1.4	1.6	0.4	0.5	0.7	1.4	9.1	0	NC
Turbidity	NTU	NE1	Park	Interior	55	4.0	3.8	0.3	1.4	2.8	4.5	17.3	0	NC
Turbidity	NTU	NP201	Park	Interior	51	1.6	1.4	0.4	0.6	1.0	2.2	5.6	0	NC
Turbidity	NTU	P33	Park	Interior	56	1.1	0.9	0.4	0.6	0.8	1.1	6.1	0	NC
Turbidity	NTU	P34	Park	Interior	39	1.1	0.6	0.4	0.6	0.8	1.3	3.1	0	NC
Turbidity	NTU	P35	Park	Interior	38	1.9	2.5	0.5	0.9	1.3	2.0	15.0	0	NC
Turbidity	NTU	P36	Park	Interior	54	2.4	2.0	0.6	0.9	1.4	3.3	9.1	0	NC
Turbidity	NTU	P37	Park	Interior	38	1.2	0.9	0.3	0.6	1.0	1.4	4.4	0	NC
Turbidity	NTU	TSB	Park	Interior	44	1.0	0.8	0.3	0.5	0.7	1.3	4.8	0	NC
Un-ionized ammonia	mg/L	ACME1DS	Refuge	Inflow	66	0.0024	0.0029	0.000025	0.0004	0.0015	0.0032	0.0173	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Un-ionized ammonia	mg/L	ENR012	Refuge	Inflow	173	0.0010	0.0013	0.000027	0.0003	0.0004	0.0012	0.0060	0	NC
Un-ionized ammonia	mg/L	G310	Refuge	Inflow	71	0.0040	0.0035	0.000174	0.0012	0.0025	0.0064	0.0158	0	NC
Un-ionized ammonia	mg/L	G94D	Refuge	Inflow	67	0.0010	0.0011	0.000030	0.0002	0.0006	0.0013	0.0044	0	NC
Un-ionized ammonia	mg/L	L40-1	Refuge	Inflow	9	0.0021	0.0012	0.000329	0.0013	0.0022	0.0024	0.0048	0	--
Un-ionized ammonia	mg/L	L40-2	Refuge	Inflow	9	0.0008	0.0005	0.000169	0.0002	0.0010	0.0013	0.0015	0	--
Un-ionized ammonia	mg/L	S5A	Refuge	Inflow	46	0.0039	0.0045	0.000004	0.0007	0.0025	0.0046	0.0177	0	NC
Un-ionized ammonia	mg/L	S5AS	Refuge	Inflow	22	0.0015	0.0017	0.000233	0.0005	0.0008	0.0017	0.0058	0	--
Un-ionized ammonia	mg/L	S6	Refuge	Inflow	43	0.0057	0.0083	0.000458	0.0018	0.0042	0.0064	0.0534	2.3 ± 3.8	MC
Un-ionized ammonia	mg/L	ENR004	Refuge	Rim	51	0.0009	0.0018	0.000043	0.0001	0.0003	0.0005	0.0070	0	NC
Un-ionized ammonia	mg/L	S5AD	Refuge	Rim	36	0.0033	0.0035	0.000032	0.0008	0.0021	0.0049	0.0155	0	NC
Un-ionized ammonia	mg/L	S6D	Refuge	Rim	21	0.0031	0.0032	0.000257	0.0008	0.0019	0.0039	0.0127	0	--
Un-ionized ammonia	mg/L	X0	Refuge	Rim	56	0.0020	0.0036	0.000083	0.0004	0.0010	0.0021	0.0240	1.8 ± 2.9	MC
Un-ionized ammonia	mg/L	Z0	Refuge	Rim	56	0.0025	0.0030	0.000075	0.0004	0.0013	0.0032	0.0127	0	NC
Un-ionized ammonia	mg/L	LOX10	Refuge	Interior	12	0.0001	0.0001	0.000006	0.00001	0.00004	0.0003	0.0003	0	--
Un-ionized ammonia	mg/L	LOX11	Refuge	Interior	21	0.00003	0.00004	0.000002	0.000003	0.00001	0.0000	0.0002	0	--
Un-ionized ammonia	mg/L	LOX12	Refuge	Interior	35	0.0005	0.0014	0.000019	0.00007	0.0002	0.0003	0.0079	0	NC
Un-ionized ammonia	mg/L	LOX13	Refuge	Interior	19	0.00004	0.0001	0.000002	0.00001	0.00001	0.00003	0.0002	0	--
Un-ionized ammonia	mg/L	LOX14	Refuge	Interior	27	0.00004	0.0001	0.000003	0.00001	0.00001	0.00003	0.0002	0	--
Un-ionized ammonia	mg/L	LOX15	Refuge	Interior	30	0.0006	0.0011	0.000044	0.00010	0.0003	0.0006	0.0053	0	NC
Un-ionized ammonia	mg/L	LOX16	Refuge	Interior	30	0.0001	0.0003	0.000003	0.00001	0.00002	0.0001	0.0014	0	NC
Un-ionized ammonia	mg/L	LOX3	Refuge	Interior	5	0.0000	0.0000	0.000005	0.00002	0.00004	0.0001	0.0001	0	--
Un-ionized ammonia	mg/L	LOX4	Refuge	Interior	14	0.0001	0.0002	0.000006	0.00001	0.00002	0.0001	0.0006	0	--
Un-ionized ammonia	mg/L	LOX5	Refuge	Interior	10	0.00002	0.00002	0.000005	0.00001	0.00001	0.0000	0.0001	0	--
Un-ionized ammonia	mg/L	LOX6	Refuge	Interior	23	0.0014	0.0061	0.000003	0.00003	0.0001	0.0001	0.0295	4.3 ± 7	--
Un-ionized ammonia	mg/L	LOX7	Refuge	Interior	24	0.00003	0.0001	0.000003	0.00001	0.0000	0.0000	0.0002	0	--
Un-ionized ammonia	mg/L	LOX8	Refuge	Interior	24	0.00002	0.00003	0.000004	0.00001	0.0000	0.0000	0.0001	0	--
Un-ionized ammonia	mg/L	LOX9	Refuge	Interior	13	0.00004	0.00004	0.000005	0.0000	0.0000	0.0001	0.0001	0	--
Un-ionized ammonia	mg/L	X1	Refuge	Interior	48	0.0009	0.0015	0.000044	0.0002	0.0003	0.0008	0.0085	0	NC
Un-ionized ammonia	mg/L	X2	Refuge	Interior	48	0.0002	0.0002	0.000014	0.0001	0.0002	0.0003	0.0010	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	X3	Refuge	Interior	47	0.0002	0.0002	0.000028	0.0001	0.0002	0.0003	0.0008	0	NC
Un-ionized ammonia	mg/L	X4	Refuge	Interior	49	0.0002	0.0002	0.000008	0.0001	0.0001	0.0003	0.0013	0	NC
Un-ionized ammonia	mg/L	Y4	Refuge	Interior	50	0.0002	0.0002	0.000007	0.0000	0.0001	0.0002	0.0010	0	NC
Un-ionized ammonia	mg/L	Z1	Refuge	Interior	47	0.0012	0.0024	0.000077	0.0002	0.0003	0.0010	0.0136	0	NC
Un-ionized ammonia	mg/L	Z2	Refuge	Interior	44	0.0003	0.0002	0.000031	0.0001	0.0002	0.0003	0.0013	0	NC
Un-ionized ammonia	mg/L	Z3	Refuge	Interior	55	0.0007	0.0025	0.000033	0.0001	0.0003	0.0004	0.0183	0	NC
Un-ionized ammonia	mg/L	Z4	Refuge	Interior	55	0.0009	0.0045	0.000005	0.0000	0.0001	0.0002	0.0320	1.8 ± 3	MC
Un-ionized ammonia	mg/L	G94B	Refuge	Outflow	59	0.0006	0.0018	0.000004	0.0000	0.0002	0.0004	0.0128	0	NC
Un-ionized ammonia	mg/L	S10A	Refuge	Outflow	30	0.0010	0.0020	0.000063	0.0002	0.0005	0.0009	0.0114	0	NC
Un-ionized ammonia	mg/L	S10C	Refuge	Outflow	27	0.0026	0.0044	0.000067	0.0005	0.0009	0.0022	0.0180	0	--
Un-ionized ammonia	mg/L	S10D	Refuge	Outflow	60	0.0035	0.0065	0.000047	0.0004	0.0009	0.0028	0.0311	3.3 ± 3.8	MC
Un-ionized ammonia	mg/L	S10E	Refuge	Outflow	56	0.0026	0.0043	0.000049	0.0004	0.0012	0.0032	0.0272	1.8 ± 2.9	MC
Un-ionized ammonia	mg/L	S39	Refuge	Outflow	84	0.0007	0.0008	0.000034	0.0002	0.0004	0.0008	0.0038	0	NC
Un-ionized ammonia	mg/L	E0	WCA-2	Inflow	57	0.0152	0.0221	0.000491	0.0021	0.0059	0.0213	0.1070	26.3 ± 9.6	C
Un-ionized ammonia	mg/L	F0	WCA-2	Inflow	58	0.0171	0.0208	0.000435	0.0036	0.0077	0.0230	0.1017	31 ± 10	C
Un-ionized ammonia	mg/L	G335	WCA-2	Inflow	46	0.0022	0.0017	0.000314	0.0009	0.0017	0.0032	0.0077	0	NC
Un-ionized ammonia	mg/L	G339	WCA-2	Inflow	1	0.0082	--	0.008152	--	0.0082	--	0.0082	0	--
Un-ionized ammonia	mg/L	S10A	WCA-2	Inflow	30	0.0010	0.0020	0.000063	0.0002	0.0005	0.0009	0.0114	0	NC
Un-ionized ammonia	mg/L	S10C	WCA-2	Inflow	27	0.0026	0.0044	0.000067	0.0005	0.0009	0.0022	0.0180	0	--
Un-ionized ammonia	mg/L	S10D	WCA-2	Inflow	60	0.0035	0.0065	0.000047	0.0004	0.0009	0.0028	0.0311	3.3 ± 3.8	MC
Un-ionized ammonia	mg/L	S10E	WCA-2	Inflow	56	0.0026	0.0043	0.000049	0.0004	0.0012	0.0032	0.0272	1.8 ± 2.9	MC
Un-ionized ammonia	mg/L	S38B	WCA-2	Inflow	21	0.0006	0.0005	0.000070	0.0003	0.0004	0.0009	0.0017	0	--
Un-ionized ammonia	mg/L	S7	WCA-2	Inflow	79	0.0021	0.0022	0.000071	0.0007	0.0014	0.0029	0.0133	0	NC
Un-ionized ammonia	mg/L	CA215	WCA-2	Interior	46	0.0009	0.0006	0.000196	0.0005	0.0007	0.0014	0.0022	0	NC
Un-ionized ammonia	mg/L	CA27	WCA-2	Interior	38	0.0003	0.0003	0.000052	0.0002	0.0002	0.0003	0.0016	0	NC
Un-ionized ammonia	mg/L	CA28	WCA-2	Interior	26	0.0008	0.0008	0.000096	0.0003	0.0005	0.0009	0.0035	0	--
Un-ionized ammonia	mg/L	CA29	WCA-2	Interior	36	0.0004	0.0002	0.000049	0.0002	0.0003	0.0005	0.0012	0	NC
Un-ionized ammonia	mg/L	E1	WCA-2	Interior	42	0.0009	0.0015	0.000116	0.0003	0.0005	0.0009	0.0095	0	NC
Un-ionized ammonia	mg/L	E2	WCA-2	Interior	30	0.0005	0.0007	0.000047	0.0002	0.0003	0.0005	0.0042	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion %±90% C.I.	Excursion Category
Un-ionized ammonia	mg/L	E3	WCA-2	Interior	35	0.0005	0.0011	0.000089	0.0002	0.0003	0.0004	0.0066	0	NC
Un-ionized ammonia	mg/L	E4	WCA-2	Interior	42	0.0003	0.0001	0.000031	0.0002	0.0002	0.0003	0.0006	0	NC
Un-ionized ammonia	mg/L	E5	WCA-2	Interior	41	0.0005	0.0003	0.000060	0.0002	0.0004	0.0006	0.0014	0	NC
Un-ionized ammonia	mg/L	F1	WCA-2	Interior	61	0.0011	0.0017	0.000077	0.0005	0.0006	0.0012	0.0128	0	NC
Un-ionized ammonia	mg/L	F2	WCA-2	Interior	89	0.0009	0.0017	0.000043	0.0003	0.0005	0.0007	0.0128	0	NC
Un-ionized ammonia	mg/L	F3	WCA-2	Interior	44	0.0004	0.0002	0.000058	0.0003	0.0004	0.0005	0.0011	0	NC
Un-ionized ammonia	mg/L	F4	WCA-2	Interior	82	0.0004	0.0003	0.000031	0.0001	0.0003	0.0005	0.0018	0	NC
Un-ionized ammonia	mg/L	F5	WCA-2	Interior	46	0.0008	0.0011	0.000119	0.0004	0.0006	0.0008	0.0075	0	NC
Un-ionized ammonia	mg/L	S144	WCA-2	Interior	50	0.0010	0.0026	0.000065	0.0002	0.0004	0.0006	0.0153	0	NC
Un-ionized ammonia	mg/L	S145	WCA-2	Interior	81	0.0006	0.0012	0.000000	0.0001	0.0003	0.0005	0.0093	0	NC
Un-ionized ammonia	mg/L	S146	WCA-2	Interior	48	0.0006	0.0012	0.000026	0.0001	0.0002	0.0007	0.0075	0	NC
Un-ionized ammonia	mg/L	U1	WCA-2	Interior	47	0.0006	0.0009	0.000073	0.0003	0.0005	0.0006	0.0060	0	NC
Un-ionized ammonia	mg/L	U2	WCA-2	Interior	44	0.0014	0.0022	0.000121	0.0004	0.0008	0.0014	0.0123	0	NC
Un-ionized ammonia	mg/L	U3	WCA-2	Interior	43	0.0024	0.0054	0.000264	0.0006	0.0011	0.0017	0.0320	2.3 ± 3.8	MC
Un-ionized ammonia	mg/L	S11A	WCA-2	Outflow	67	0.0008	0.0007	0.000024	0.0003	0.0005	0.0010	0.0035	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-2	Outflow	33	0.0012	0.0020	0.000026	0.0003	0.0006	0.0011	0.0111	0	NC
Un-ionized ammonia	mg/L	S11C	WCA-2	Outflow	68	0.0017	0.0074	0.000008	0.0003	0.0005	0.0010	0.0616	1.5 ± 2.4	MC
Un-ionized ammonia	mg/L	S34	WCA-2	Outflow	74	0.0021	0.0032	0.000085	0.0004	0.0006	0.0023	0.0153	0	NC
Un-ionized ammonia	mg/L	S38	WCA-2	Outflow	77	0.0006	0.0010	0.000015	0.0001	0.0001	0.0006	0.0057	0	NC
Un-ionized ammonia	mg/L	3AE0	WCA-3	Inflow	26	0.0014	0.0010	0.000155	0.0006	0.0011	0.0020	0.0044	0	--
Un-ionized ammonia	mg/L	3AW0	WCA-3	Inflow	27	0.0015	0.0014	0.000116	0.0008	0.0011	0.0018	0.0063	0	--
Un-ionized ammonia	mg/L	C123SR84	WCA-3	Inflow	72	0.0007	0.0010	0.000052	0.0002	0.0003	0.0007	0.0074	0	NC
Un-ionized ammonia	mg/L	G123	WCA-3	Inflow	54	0.0051	0.0052	0.000228	0.0010	0.0041	0.0085	0.0304	1.9 ± 3	MC
Un-ionized ammonia	mg/L	G204	WCA-3	Inflow	17	0.0016	0.0013	0.000086	0.0006	0.0015	0.0023	0.0046	0	--
Un-ionized ammonia	mg/L	G205	WCA-3	Inflow	20	0.0035	0.0071	0.000145	0.0006	0.0014	0.0035	0.0325	5 ± 8	--
Un-ionized ammonia	mg/L	G206	WCA-3	Inflow	19	0.0010	0.0019	0.000012	0.0001	0.0003	0.0008	0.0084	0	--
Un-ionized ammonia	mg/L	L3	WCA-3	Inflow	34	0.0010	0.0010	0.000032	0.0003	0.0007	0.0015	0.0051	0	NC
Un-ionized ammonia	mg/L	S11A	WCA-3	Inflow	67	0.0008	0.0007	0.000024	0.0003	0.0005	0.0010	0.0035	0	NC
Un-ionized ammonia	mg/L	S11B	WCA-3	Inflow	33	0.0012	0.0020	0.000026	0.0003	0.0006	0.0011	0.0111	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	S11C	WCA-3	Inflow	68	0.0017	0.0074	0.000008	0.0003	0.0005	0.0010	0.0616	1.5 ± 2.4	MC
Un-ionized ammonia	mg/L	S140	WCA-3	Inflow	80	0.0010	0.0011	0.000015	0.0003	0.0007	0.0013	0.0054	0	NC
Un-ionized ammonia	mg/L	S142	WCA-3	Inflow	82	0.0036	0.0055	0.000079	0.0005	0.0012	0.0041	0.0270	3.7 ± 3.4	MC
Un-ionized ammonia	mg/L	S150	WCA-3	Inflow	60	0.0016	0.0014	0.000066	0.0005	0.0013	0.0025	0.0061	0	NC
Un-ionized ammonia	mg/L	S151	WCA-3	Inflow	81	0.0018	0.0018	0.000068	0.0007	0.0013	0.0022	0.0121	0	NC
Un-ionized ammonia	mg/L	S190	WCA-3	Inflow	74	0.0005	0.0006	0.000029	0.0002	0.0004	0.0006	0.0039	0	NC
Un-ionized ammonia	mg/L	S8	WCA-3	Inflow	97	0.0016	0.0014	0.000102	0.0008	0.0013	0.0021	0.0102	0	NC
Un-ionized ammonia	mg/L	S9	WCA-3	Inflow	86	0.0036	0.0018	0.000558	0.0024	0.0033	0.0045	0.0114	0	NC
Un-ionized ammonia	mg/L	3AE05	WCA-3	Interior	13	0.0002	0.0001	0.000081	0.0001	0.0002	0.0003	0.0006	0	--
Un-ionized ammonia	mg/L	3AE10	WCA-3	Interior	17	0.0002	0.0001	0.000075	0.0001	0.0002	0.0003	0.0006	0	--
Un-ionized ammonia	mg/L	3AE15	WCA-3	Interior	20	0.0004	0.0009	0.000091	0.0002	0.0002	0.0003	0.0040	0	--
Un-ionized ammonia	mg/L	3AE20	WCA-3	Interior	23	0.0005	0.0005	0.000045	0.0002	0.0003	0.0005	0.0022	0	--
Un-ionized ammonia	mg/L	3AE40	WCA-3	Interior	22	0.0010	0.0015	0.000215	0.0004	0.0005	0.0008	0.0073	0	--
Un-ionized ammonia	mg/L	3ANMESO	WCA-3	Interior	26	0.0007	0.0017	0.000055	0.0002	0.0003	0.0004	0.0085	0	--
Un-ionized ammonia	mg/L	3ASMESO	WCA-3	Interior	27	0.0008	0.0017	0.000065	0.0002	0.0004	0.0006	0.0092	0	--
Un-ionized ammonia	mg/L	3AW05	WCA-3	Interior	12	0.0002	0.0001	0.000076	0.0001	0.0002	0.0003	0.0003	0	--
Un-ionized ammonia	mg/L	3AW10	WCA-3	Interior	19	0.0003	0.0003	0.000085	0.0001	0.0002	0.0003	0.0014	0	--
Un-ionized ammonia	mg/L	3AW15	WCA-3	Interior	20	0.0004	0.0006	0.000089	0.0002	0.0002	0.0004	0.0030	0	--
Un-ionized ammonia	mg/L	3AW20	WCA-3	Interior	22	0.0004	0.0007	0.000095	0.0002	0.0003	0.0004	0.0031	0	--
Un-ionized ammonia	mg/L	3AW30	WCA-3	Interior	2	0.0003	0.0001	0.000236	--	0.0003	--	0.0004	0	--
Un-ionized ammonia	mg/L	3AW40	WCA-3	Interior	24	0.0007	0.0012	0.000118	0.0003	0.0004	0.0007	0.0059	0	--
Un-ionized ammonia	mg/L	CA311	WCA-3	Interior	47	0.0002	0.0003	0.000037	0.0001	0.0001	0.0003	0.0017	0	NC
Un-ionized ammonia	mg/L	CA315	WCA-3	Interior	52	0.0003	0.0002	0.000038	0.0001	0.0002	0.0004	0.0010	0	NC
Un-ionized ammonia	mg/L	CA316	WCA-3	Interior	32	0.0002	0.0002	0.000032	0.0001	0.0002	0.0002	0.0008	0	NC
Un-ionized ammonia	mg/L	CA317	WCA-3	Interior	44	0.0004	0.0005	0.000084	0.0001	0.0002	0.0005	0.0027	0	NC
Un-ionized ammonia	mg/L	CA318	WCA-3	Interior	37	0.0003	0.0003	0.000033	0.0001	0.0001	0.0003	0.0016	0	NC
Un-ionized ammonia	mg/L	CA32	WCA-3	Interior	23	0.0002	0.0001	0.000028	0.0001	0.0001	0.0003	0.0005	0	--
Un-ionized ammonia	mg/L	CA33	WCA-3	Interior	31	0.0002	0.0002	0.000045	0.0001	0.0002	0.0003	0.0007	0	NC
Un-ionized ammonia	mg/L	CA34	WCA-3	Interior	36	0.0002	0.0001	0.000037	0.0001	0.0001	0.0002	0.0005	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	CA35	WCA-3	Interior	13	0.0003	0.0002	0.000091	0.0002	0.0003	0.0004	0.0008	0	--
Un-ionized ammonia	mg/L	CA36	WCA-3	Interior	17	0.0003	0.0002	0.000110	0.0002	0.0003	0.0005	0.0010	0	--
Un-ionized ammonia	mg/L	CA38	WCA-3	Interior	30	0.0002	0.0002	0.000050	0.0001	0.0002	0.0003	0.0009	0	NC
Un-ionized ammonia	mg/L	S12A	WCA-3	Outflow	76	0.0008	0.0013	0.000030	0.0002	0.0004	0.0007	0.0101	0	NC
Un-ionized ammonia	mg/L	S12B	WCA-3	Outflow	76	0.0009	0.0015	0.000049	0.0002	0.0004	0.0010	0.0106	0	NC
Un-ionized ammonia	mg/L	S12C	WCA-3	Outflow	83	0.0010	0.0026	0.000054	0.0002	0.0004	0.0009	0.0220	1.2 ± 2	MC
Un-ionized ammonia	mg/L	S12D	WCA-3	Outflow	102	0.0009	0.0018	0.000024	0.0002	0.0005	0.0010	0.0150	0	NC
Un-ionized ammonia	mg/L	S197	WCA-3	Outflow	18	0.0009	0.0006	0.000033	0.0003	0.0006	0.0013	0.0020	0	--
Un-ionized ammonia	mg/L	S31	WCA-3	Outflow	54	0.0015	0.0012	0.000048	0.0005	0.0012	0.0022	0.0049	0	NC
Un-ionized ammonia	mg/L	S333	WCA-3	Outflow	100	0.0010	0.0017	0.000044	0.0003	0.0005	0.0009	0.0136	0	NC
Un-ionized ammonia	mg/L	S334	WCA-3	Outflow	66	0.0032	0.0038	0.000040	0.0006	0.0017	0.0043	0.0227	1.5 ± 2.5	MC
Un-ionized ammonia	mg/L	S344	WCA-3	Outflow	19	0.0004	0.0006	0.000018	0.0001	0.0002	0.0004	0.0023	0	--
Un-ionized ammonia	mg/L	S355A	WCA-3	Outflow	38	0.0027	0.0068	0.000041	0.0001	0.0003	0.0015	0.0339	5.3 ± 6	MC
Un-ionized ammonia	mg/L	S355B	WCA-3	Outflow	38	0.0022	0.0039	0.000041	0.0002	0.0007	0.0037	0.0215	2.6 ± 4.3	MC
Un-ionized ammonia	mg/L	US41-25	WCA-3	Outflow	91	0.0011	0.0015	0.000038	0.0003	0.0006	0.0012	0.0121	0	NC
Un-ionized ammonia	mg/L	S12A	Park	Inflow	76	0.0008	0.0013	0.000030	0.0002	0.0004	0.0007	0.0101	0	NC
Un-ionized ammonia	mg/L	S12B	Park	Inflow	76	0.0009	0.0015	0.000049	0.0002	0.0004	0.0010	0.0106	0	NC
Un-ionized ammonia	mg/L	S12C	Park	Inflow	83	0.0010	0.0026	0.000054	0.0002	0.0004	0.0009	0.0220	1.2 ± 2	MC
Un-ionized ammonia	mg/L	S12D	Park	Inflow	102	0.0009	0.0018	0.000024	0.0002	0.0005	0.0010	0.0150	0	NC
Un-ionized ammonia	mg/L	S175	Park	Inflow	87	0.0045	0.0073	0.000587	0.0018	0.0029	0.0040	0.0566	3.4 ± 3.2	MC
Un-ionized ammonia	mg/L	S18C	Park	Inflow	95	0.0012	0.0012	0.000009	0.0005	0.0009	0.0015	0.0081	0	NC
Un-ionized ammonia	mg/L	S332	Park	Inflow	121	0.0064	0.0148	0.000126	0.0021	0.0030	0.0041	0.1208	5.8 ± 3.5	MC
Un-ionized ammonia	mg/L	S332D	Park	Inflow	77	0.0034	0.0016	0.001218	0.0021	0.0031	0.0043	0.0075	0	NC
Un-ionized ammonia	mg/L	S333	Park	Inflow	100	0.0010	0.0017	0.000044	0.0003	0.0005	0.0009	0.0136	0	NC
Un-ionized ammonia	mg/L	S355A	Park	Inflow	38	0.0027	0.0068	0.000041	0.0001	0.0003	0.0015	0.0339	5.3 ± 6	MC
Un-ionized ammonia	mg/L	S355B	Park	Inflow	38	0.0022	0.0039	0.000041	0.0002	0.0007	0.0037	0.0215	2.6 ± 4.3	MC
Un-ionized ammonia	mg/L	T0E	Park	Inflow	12	0.0032	0.0023	0.000688	0.0012	0.0031	0.0046	0.0087	0	--
Un-ionized ammonia	mg/L	T0W	Park	Inflow	10	0.0034	0.0020	0.000875	0.0022	0.0030	0.0042	0.0080	0	--
Un-ionized ammonia	mg/L	EP	Park	Interior	36	0.0022	0.0023	0.000243	0.0007	0.0014	0.0025	0.0106	0	NC

Variable	Units	Station	Area	Class	N	Arithmetic Mean	Std. Deviation	Min.	25th Percentile	Median	75th Percentile	Max.	Excursion	
													%±90% C.I.	Category
Un-ionized ammonia	mg/L	NE1	Park	Interior	54	0.0017	0.0038	0.000001	0.0004	0.0008	0.0020	0.0276	1.9 ± 3	MC
Un-ionized ammonia	mg/L	NP201	Park	Interior	50	0.0012	0.0013	0.000058	0.0005	0.0007	0.0012	0.0057	0	NC
Un-ionized ammonia	mg/L	P33	Park	Interior	55	0.0019	0.0038	0.000089	0.0005	0.0007	0.0012	0.0226	1.8 ± 3	MC
Un-ionized ammonia	mg/L	P34	Park	Interior	38	0.0007	0.0012	0.000131	0.0003	0.0004	0.0006	0.0075	0	NC
Un-ionized ammonia	mg/L	P35	Park	Interior	36	0.0005	0.0006	0.000033	0.0002	0.0004	0.0006	0.0030	0	NC
Un-ionized ammonia	mg/L	P36	Park	Interior	52	0.0016	0.0016	0.000055	0.0006	0.0011	0.0018	0.0078	0	NC
Un-ionized ammonia	mg/L	P37	Park	Interior	37	0.0027	0.0028	0.000244	0.0007	0.0016	0.0031	0.0098	0	NC
Un-ionized ammonia	mg/L	T05E	Park	Interior	10	0.0010	0.0007	0.000255	0.0005	0.0007	0.0014	0.0024	0	--
Un-ionized ammonia	mg/L	T05W	Park	Interior	8	0.0007	0.0004	0.000301	0.0003	0.0005	0.0011	0.0012	0	--
Un-ionized ammonia	mg/L	T10E	Park	Interior	7	0.0004	0.0002	0.000091	0.0002	0.0004	0.0005	0.0006	0	--
Un-ionized ammonia	mg/L	T10W	Park	Interior	8	0.0005	0.0003	0.000077	0.0003	0.0004	0.0006	0.0010	0	--
Un-ionized ammonia	mg/L	T15E	Park	Interior	8	0.0004	0.0004	0.000089	0.0002	0.0003	0.0006	0.0013	0	--
Un-ionized ammonia	mg/L	T15W	Park	Interior	8	0.0005	0.0002	0.000300	0.0003	0.0005	0.0007	0.0010	0	--
Un-ionized ammonia	mg/L	T23	Park	Interior	8	0.0008	0.0009	0.000120	0.0003	0.0005	0.0008	0.0028	0	--
Un-ionized ammonia	mg/L	T24	Park	Interior	8	0.0004	0.0002	0.000127	0.0003	0.0004	0.0005	0.0008	0	--
Un-ionized ammonia	mg/L	T33	Park	Interior	12	0.0008	0.0020	0.000014	0.0001	0.0002	0.0003	0.0070	0	--
Un-ionized ammonia	mg/L	T34	Park	Interior	8	0.0003	0.0002	0.000079	0.0001	0.0002	0.0005	0.0007	0	--
Un-ionized ammonia	mg/L	TNMESO	Park	Interior	12	0.0005	0.0003	0.000176	0.0003	0.0004	0.0008	0.0012	0	--
Un-ionized ammonia	mg/L	TSB	Park	Interior	41	0.0004	0.0006	0.000052	0.0001	0.0003	0.0004	0.0030	0	NC
Un-ionized ammonia	mg/L	TSMESO	Park	Interior	10	0.0022	0.0024	0.000427	0.0006	0.0014	0.0028	0.0083	0	--