

Emerald Lake Station 1

Cond=Conductivity(uS/cm) DO=Dissolved Oxygen(mg/L) Chl-a=Chlorophyll-a(ug/L) TP=Total Phosphorus(ug P/L) TN=Total Nitrogen(mg/L)
 Al=Aluminum(ug/L) Ca=Calcium(mg/L) Cl=Chloride(mg/L) DIC=Dissolved Inorganic Carbon(mg/L) DOC=Dissolved Organic Carbon(mg/L)
 Fe=Iron(ug/L) Mg=Magnesium(mg/L) Mn=Manganese(ug/L) K=Potassium(mg/L) Na=Sodium(mg/L) TCH=Total Calculated Hardness(mg CaCO3/L)

Date	Depth(m)	Temp(C)	pH	Cond	DO%	DO	Chl-a	TP	TN	Al	Ca	Cl	DIC	DOC	Fe	Mg	Mn	K	Na	TCH
6/19/18	0.5							11.6	0.2	<20	37.1	6.4	35.6	4.5	102.7	16.6	19.5	0.8	3.6	160.8
6/19/18	1.0	21.9	8.1	313.6	107.8	9.5	1.4													
6/19/18	2.0	19.1	8.0	342.7	121.0	11.2	2.9													
6/19/18	3.0	14.6	8.0	302.8	158.3	16.1	4.6													
6/19/18	4.0	11.1	7.8	317.6	138.0	15.2	1.9													
6/19/18	5.0	9.7	7.8	325.5	124.7	14.2	1.0													
6/19/18	6.1	8.4	7.7	330.1	110.7	13.0	0.6													
6/19/18	7.0	8.1	7.6	338.5	88.5	10.5	0.5													
6/19/18	8.0	7.9	7.5	356.8	53.9	6.4	0.4	11.4	0.2	<20	43.6	4.9	41.3	4.2	<50	19.2	34.9	0.8	2.9	188.0

Emerald Lake Station 1 Temperature, Dissolved Oxygen, Chlorophyll-a and Total Phosphorus Vertical Profiles on 6/19/2018

