

Lake Salem 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)
 K=Potassium(mg/L) Al=Aluminum(ug/L) Ca=Calcium(mg/L) Cl=Chloride(mg/L) Fe=Iron(ug/L) Mg=Magnesium(mg/L) Mn=Manganese(ug/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	Fe	Mg	Mn	K	Na	TCH
9/14/18	0.5							10.3	0.3	<20	17.1	6.9	<50	1.8	15.1	1.1	4.6	49.9
9/14/18	1.0	22.4	7.9	126.8	104.1	9.1	1.6											
9/14/18	2.0	21.3	8.0	127.0	104.1	9.3	2.0											
9/14/18	3.0	20.9	8.1	126.0	103.3	9.2	3.0											
9/14/18	4.0	20.5	8.0	126.4	99.6	9.0	3.6											
9/14/18	5.0	20.4	7.9	126.1	95.2	8.6	2.7											
9/14/18	6.0	20.0	7.7	126.7	80.9	7.4	1.5											
9/14/18	7.0	19.0	7.5	122.6	52.5	4.9	1.5											
9/14/18	8.0	15.9	7.3	94.4	0.0	0.0	1.3											
9/14/18	9.0	12.4	7.2	83.7	3.5	0.4	1.0											
9/14/18	10.0	10.4	7.2	83.0	0.0	0.0	1.2											
9/14/18	11.0	9.1	7.1	83.4	0.0	0.0	1.1											
9/14/18	12.0	8.5	7.1	84.6	5.8	0.7	1.1											
9/14/18	13.0	8.1	7.1	85.5	4.9	0.6	1.1											
9/14/18	14.0	7.9	7.0	87.9	4.3	0.5	1.1											
9/14/18	15.0	7.6	7.0	90.4	8.1	1.0	1.0											
9/14/18	16.0	7.5	7.0	93.0	7.1	0.9	1.0											
9/14/18	17.0							12.3	0.3	<20	16.3	5.9	<50	1.7	281.2	1.1	4.1	47.7

Lake Salem Station 1 Temperature, Dissolved Oxygen, Chlorophyll-a and Total Phosphorus Vertical Profiles on 9/14/2018

