

**Chittenden Reservoir 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) 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	Fe	Mg	Mn	K	Na	TCH
9/17/18	0.5							7.3	0.2	<20	5.0	<2	280.5	1.9	19.5	0.4	0.6	20.2
9/17/18	1.0	22.7	7.6	42.7	100.7	8.5	1.6											
9/17/18	2.0	22.1	7.7	42.7	100.0	8.6	1.8											
9/17/18	3.0	21.0	7.6	42.5	95.6	8.4	2.6											
9/17/18	4.0	20.3	7.5	42.6	90.8	8.1	3.8											
9/17/18	5.0	20.2	7.5	42.1	88.9	7.9												
9/17/18	6.0	19.7	7.4	43.0	72.1	6.5	1.1											
9/17/18	7.0	19.5	7.4	43.6	65.4	5.9		12.1	0.3	<20	5.0	<2	389.0	1.9	58.7	0.4	0.5	20.4

Chittenden Reservoir Station 1 Temperature, Dissolved Oxygen, Chlorophyll-a and Total Phosphorus  
Vertical Profiles on 9/17/2018

