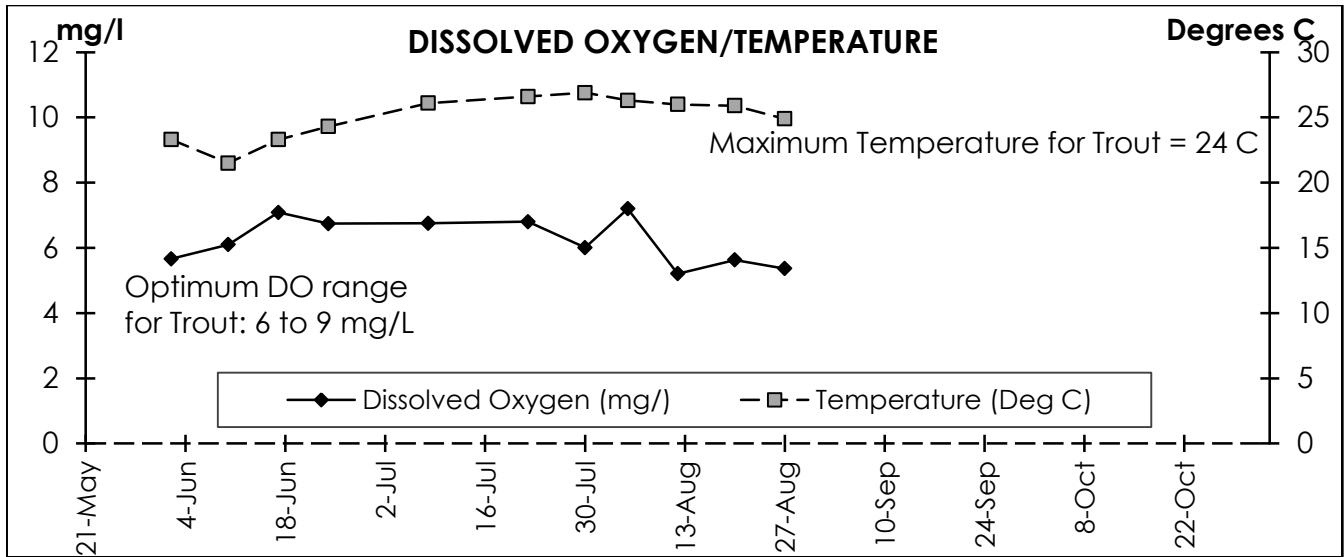


2016 Shunock River @ Rte 184



Shunock River	MAY	JUNE	JULY	AUG	SEPT	OCT	
	-----Total Phosphorus (ppb) -----						Mean
@ Rte 184	16	33	25	26	20	18	23
	<i>CEQ recommends maximum 100 ppb TP instream</i>						
	-----Dissolved Phosphorus (ppb) -----						Mean
@ Rte 184	11	17	13	17	8	8	12
	----- Total Nitrogen (ppb) -----						Mean
	Rounded to 5 ppb						
@ Rte 184	595	755	375	340	510	430	501
	<i>No RI numeric standard exists, but for comparison, US EPA recommended maximum total nitrogen levels for northeast streams = 710 ppb</i>						
	----- Nitrate-Nitrogen (ppb) -----						Mean
	Rounded to 5 ppb						
@ Rte 184	215	335	85	110	185	120	175
	----- Ammonia-Nitrogen (ppb) -----						Mean
	Rounded to 5 ppb						
@ Rte 184	35	35	-	65	15	25	35
	----- Chlorides (ppm) -----						Mean
@ Rte 184	17	-	-	-	-	40	29
	<i>Chlorides measured in spring and fall to assess impact from winter road salt use.</i>						
	<i>Chloride levels expected to be highest in spring, falling to "background" or "normal" levels by fall.</i>						
	----- Enterococci (per 100 mLs) -----						Maximum
@ Rte 184	66.3	12.6	99.6	16.4	74.8	21.6	99.6
	<i>RIHealth Standard for Recreational Contact: Maximum 61 Enterococci per 100 mLs</i>						
	----- pH -----						Minimum
@ Rte 184	6.9	6.7	6.7	6.8	6.9	6.8	6.7
	<i>pH of 6 - 9 considered normal</i>						