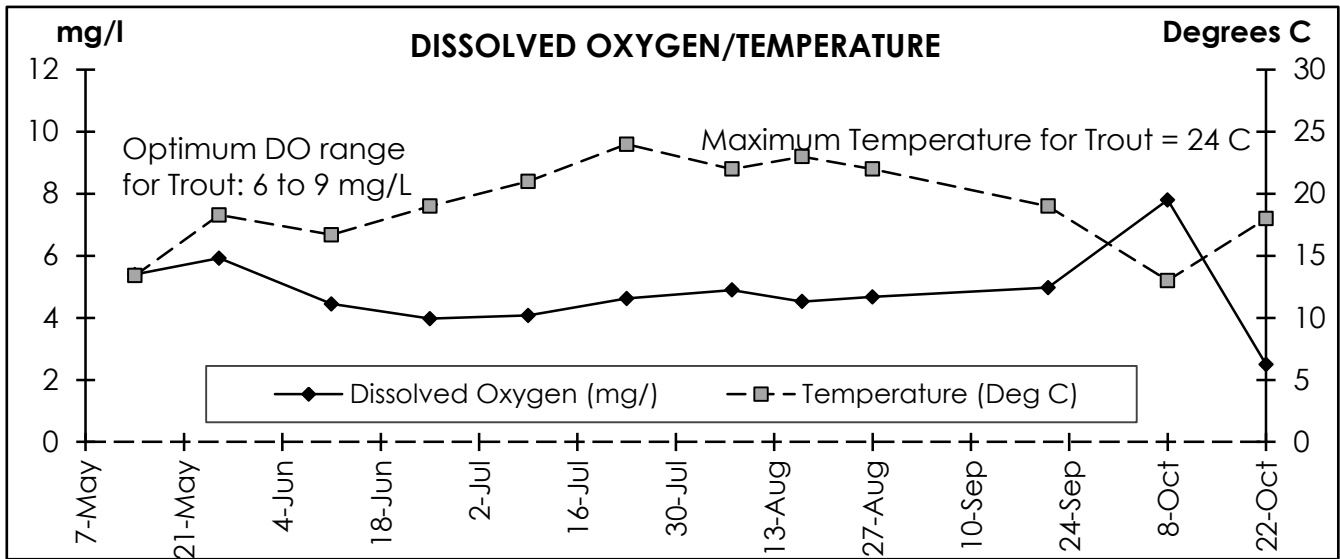


# 2016 Shunock River @ Hewitt



Shunock River	MAY	JUNE	JULY	AUG	SEPT	OCT	
-----Total Phosphorus (ppb) -----							<b>Mean</b>
@ Hewitt Rd	21	23	26	17	38	52	<b>30</b>
<i>CEQ recommends maximum 100 ppb TP instream</i>							
-----Dissolved Phosphorus (ppb) -----							<b>Mean</b>
@ Hewitt Rd	10	15	14	9	16	13	<b>13</b>
----- Total Nitrogen (ppb) -----							<b>Mean</b>
Rounded to 5 ppb							
@ Hewitt Rd	415	525	515	330	545	610	<b>490</b>
<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) -----							<b>Mean</b>
Rounded to 5 ppb							
@ Hewitt Rd	105	170	175	75	25	25	<b>96</b>
----- Ammonia-Nitrogen (ppb) -----							<b>Mean</b>
Rounded to 5 ppb							
@ Hewitt Rd	25	35	30	40	30	15	<b>29</b>
----- Chlorides (ppm) -----							<b>Mean</b>
@ Hewitt Rd	15	-	-	-	-	16	<b>16</b>
<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) -----							<b>Maximum</b>
@ Hewitt Rd	19.6	<b>124</b>	12	14.8	<b>58.4</b>	<b>752.8</b>	<b>752.8</b>
<i>RIHealth Standard for Recreational Contact: Maximum 61 Enterococci per 100 mLs</i>							
----- pH -----							<b>Minimum</b>
@ Hewitt Rd	6.5	6.4	6.6	6.7	6.6	6.2	<b>6.2</b>
<i>pH of 6 - 9 considered normal</i>							