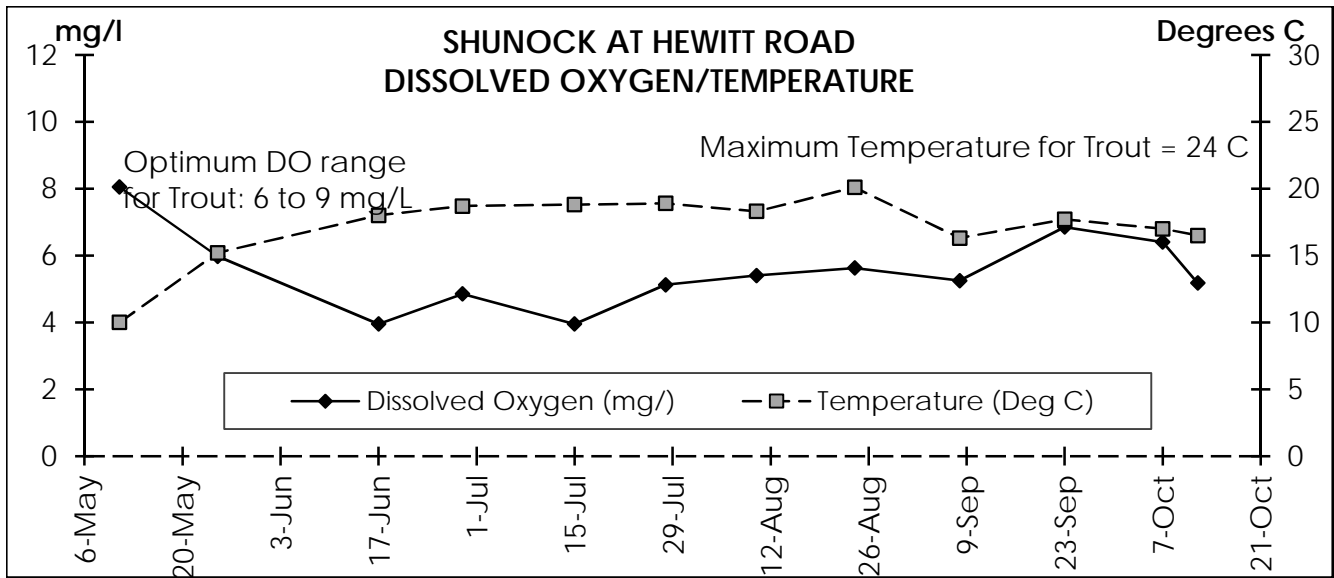


2017 SHUNOCK RIVER AT HEWITT RD. DATA



	MAY	JUNE	JULY	AUG	SEPT	OCT	
-----Total Phosphorus (ppb) -----							Mean
Shunock R @ Hewitt Rd.	10	56	34	24	121	45	48
<i>CEQ recommends maximum 100 ppb TP instream, 50 ppb where streams enter lakes/ponds</i>							
-----Dissolved Phosphorus (ppb) -----							Mean
Shunock R @ Hewitt Rd.	<4	<4	6	12	10	12	7
<i>Detection limit = 4 ppb. Mean determined using half of detection limit (2 ppb.)</i>							
----- Total Nitrogen (ppb) -----							Mean
Rounded to 10 ppb							
Shunock R @ Hewitt Rd.	265	730	610	415	1185	455	610
<i>US EPA recommends maximum total nitrogen levels for northeast streams <710 ppb</i>							
----- Nitrate-Nitrogen (ppb) -----							Mean
Shunock R @ Hewitt Rd.	75	70	80	115	130	85	95
<i>Nitrate nitrogen levels above 1000 ppb indicate human activity</i>							
----- Ammonia-Nitrogen (ppb) -----							Mean
Shunock R @ Hewitt Rd.	40	50	70	25	50	40	45
----- Chlorides (ppm) -----							Mean
Shunock R @ Hewitt Rd.	82	-	-	-	-	17	50
<i>Chlorides are measured in the spring and fall to assess the impact from winter road salt use.</i>							
----- Enterococci (per 100 mLs) -----							Maximum
Shunock R @ Hewitt Rd.	17	3654	657	107	8	67	3654
<i>RIHealth Standard for Recreational Contact: Maximum 61 Enterococci per 100 mLs</i>							
----- pH -----							Minimum
Shunock R @ Hewitt Rd.	6.4	6.3	6.3	6.7	6.7	6.6	6.3
<i>pH of 6 - 9 considered normal</i>							

Shunock River @ Hewitt Rd Multi-year Summary

