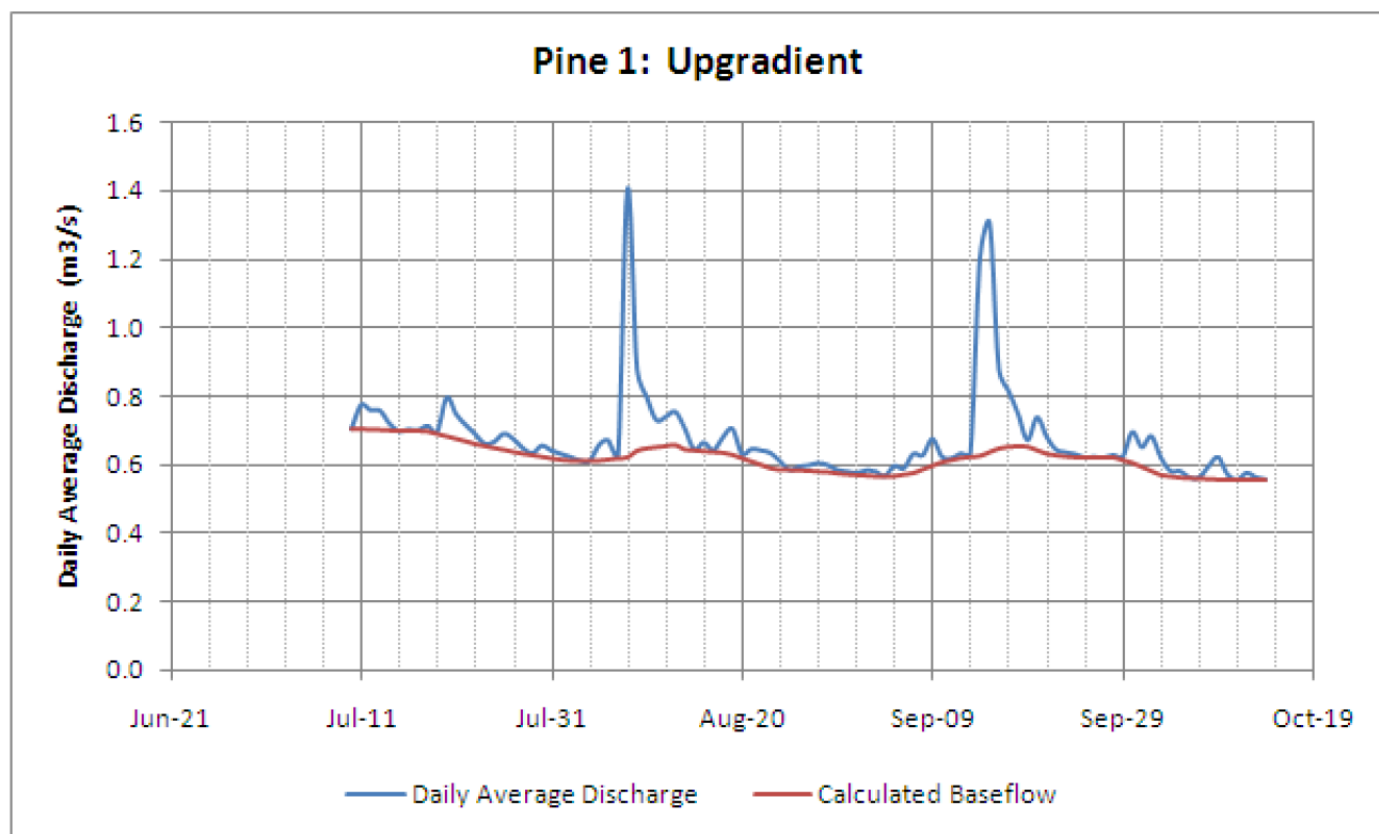


Streamflow and Water Quality Measurements

Pine River									
Site Name	Pine 1	Pine 2	Pine 3	Pine 1	Pine 2	Pine 3	Pine 1	Pine 2	Pine 3
Geological Reference	Upgradient	Contact	Downgradient	Upgradient	Contact	Downgradient	Upgradient	Contact	Downgradient
Date	15-Aug-08	15-Aug-08	15-Aug-08	8-Sep-08	8-Sep-08	8-Sep-08	2-Oct-08	2-Oct-08	2-Oct-08
Flow Condition	Low	Low	Low	Medium	Medium	Medium	High	High	High
Total Discharge (m3/s)	0.5975	0.5069	0.6248	0.6447	0.5707	0.6237	0.6748	0.7039	0.8395
Time	10:29	11:14	12:16	12:56	13:44	14:31	9:50	10:33	11:29
Temperature (°C)	15.36	15.58	16.06	14.43	14.78	15.02	10.63	10.45	10.52
Conductivity (µS/cm)	508.00	503.00	483.00	506.00	500.00	480.00	516.00	512.00	493.00
DO (mg/L)	9.70	9.64	9.81	11.14	11.42	11.45	11.10	11.15	11.26
pH	8.18	8.30	8.35	8.38	8.48	8.46	8.26	8.30	8.30
Chloride	35.98	35.25	31.05	110.30	109.40	120.40	59.68	64.46	63.25
Turbidity (NTU)	1.10	0.60	0.00	0.70	1.10	1.70	0.00	0.00	0.00
Chlorophyll (µg/L)	10.60	6.90	5.70	1.50	1.45	1.00	0.30	209.00	0.90

key Location Prince of Wales



Not in Model

Source: Excerpts from Niagara Escarpment Baseflow Study, Nottawasaga Valley Conservation Authority, Jan 27, 2009

File Date: Jan 22, 2025