

***actual statistics**

Nitrate (ppm)	Mean	Median	Maximum	Minimum	Standard Deviation
Upstream	4.90	5.05	9.50	0.00	3.96
Culvert	8.10	8.55	9.40	5.90	1.55
Mid-stream	11.57	10.20	16.20	8.30	4.12
Bridge/Pond	2.58	2.75	3.90	0.90	1.24

Phosphate (ppm)	Mean	Median	Maximum	Minimum	Standard Deviation
Upstream	0.68	0.28	2.01	0.17	0.89
Culvert	0.38	0.37	0.52	0.27	0.11
Mid-stream	0.65	0.65	1.03	0.26	0.54
Bridge-Pond	0.31	0.17	0.74	0.15	0.29

pH	Mean	Median	Maximum	Minimum	Standard Deviation
Upstream	6.70	7.00	7.00	5.50	0.67
Culvert	6.20	6.00	7.00	5.00	0.84
Mid-stream	6.60	7.00	7.00	6.00	0.55
Bridge-Pond	6.57	7.00	7.00	6.00	0.53

Dissolved Oxygen (%)	Mean	Median	Maximum	Minimum	Standard Deviation
Upstream	83.63	87.30	89.20	74.40	8.05
Culvert	77.40	74.40	85.50	72.30	7.09
Mid-stream	89.15	89.15	94.30	84.00	7.28
Bridge-Pond	140.83	156.40	191.70	74.40	60.18

*original data pasted over

Nitrate

Sampling Date	Upstream	Culvert	Mid-stream	Bridge/Pond
3/23/25	0	8.2	10.2	0.9
4/6/25	4.1	5.9	16.2	3.9
4/20/25	9.5	9.4	8.3	2.7
4/27/25	6	8.9		2.8

Phosphate

Sampling Date	Upstream	Culvert	Mid-stream	Bridge/Pond
3/23/25	0.17	0.27	0.26	0.16
4/6/25	2.01	0.42		0.74
4/20/25	0.3	0.31	1.03	0.15
4/27/25	0.25	0.52		0.17

pH

Sampling Date	Upstream	Culvert	Mid-stream	Bridge/Pond
2/9/25				6
2/23/25			6	6
3/9/25	5.5	5	6	6
3/23/25	7	6	7	7
4/6/25	7	7	7	7
4/20/25	7	7	7	7
4/27/25	7	6		7

Dissolved Oxygen

Sampling Date	Upstream	Culvert	Mid-strem	Bridge/Pond
4/6/25	87.3	85.5	84	74.4
4/20/25	89.2	74.4	94.3	191.7
4/27/25	74.4	72.3		156.4