

**Municipality of Huron-Kinloss
Pine River Water Quality Monitoring Program
2021 Sampling Results**

| | |
|--|-----------------|
| | Below Guideline |
| | => 3 mg/L |
| | No Data |

| SAMPLE ID | LOCATION | Nitrate as N (mg/L) | | | | | | | | | |
|-----------------|---|---------------------|--------|--------|--------|--|--|--|--|--|--|
| | | Sample Date | | | | | | | | | |
| | | 30-Mar | 26-Apr | 25-May | 24-Jun | | | | | | |
| PR1 | Pine River-Bridge on Lake Range Road, south of Lurgan Road | 8.55 | 3.98 | 2.00 | 0.11 | | | | | | |
| PR3 | South Pine River-Bridge on Hwy. 21 at 6th Conc. | 8.41 | 3.56 | 0.99 | 0.06 | | | | | | |
| PR4 | Pine River Tributary-Bridge on Hwy. 21 North of 6th Conc. | 7.27 | 2.77 | 0.58 | 0.80 | | | | | | |
| PR5 | Pine River Tributary-Bridge on Hwy. 21 North of 8th Conc. | 8.10 | 5.10 | 1.79 | < 0.06 | | | | | | |
| PR6 | South Pine River-Bridge on Sideroad 25 North of 6th Conc. | 7.84 | 3.68 | 1.26 | < 0.06 | | | | | | |
| PR7 - Upstream | Clark Creek-Culvert on Sideroad 25 South of 4th Conc. | 11.70 | 5.82 | 0.45 | < 0.06 | | | | | | |
| PR8 | South Pine River-Culvert on the 15th North of 6th Conc. | 7.76 | 4.44 | 1.75 | 0.38 | | | | | | |
| PR9 | Pine River-Bridge on the 15th South of 10th Conc. | 6.76 | 3.41 | 0.74 | < 0.06 | | | | | | |
| PR10 | Royal Oak Creek-Bridge on the 15th North of the 12th Conc. | 8.49 | 5.56 | 2.06 | 1.22 | | | | | | |
| PR11 | Royal Oak Creek-Culvert on Sideroad 5 north Huron-Kincardine East | 10.80 | 8.93 | 11.10 | 2.92 | | | | | | |
| PR12 | Pine River-Bridge on Huron Twp./Kinloss Twp. Boundary South of 12th Conc. | 3.95 | 1.50 | 1.88 | < 0.06 | | | | | | |
| PR13 | South Pine River-Bridge on Huron Twp./Kinloss Twp. Boundary South of 8th Conc. | 6.57 | 4.90 | 4.88 | 0.14 | | | | | | |
| PR17 - Upstream | Pine River Tributary-Southern Culvert on South Baseline Road North of 4th Conc. | 12.50 | 9.09 | 3.97 | 0.08 | | | | | | |
| PR18 - Upstream | Pine River Tributary- Middle Culvert on South Baseline Road North of 4th Conc. | 11.70 | 8.33 | 3.52 | < 0.06 | | | | | | |
| PR19 - Upstream | Clark Creek-Southern Culvert on South Baseline Road North of 2nd Conc. | 12.00 | 8.72 | 4.02 | 1.27 | | | | | | |
| PR20 | Beach at Hwy. 86 -Amberely Road. | 2.86 | 0.46 | 0.46 | 0.24 | | | | | | |
| PR21 | Beach off of Attawandron Road-Public Walkway | 2.98 | 0.44 | 0.38 | 0.25 | | | | | | |
| PR22 | Beach-Point Clark Swimming Area | 3.34 | 0.59 | 0.26 | 0.22 | | | | | | |
| PR23 | Lurgan Beach-Public Walkway | 7.02 | 0.40 | 0.33 | 0.23 | | | | | | |
| PR24 | Beach at 6th Conc. | 6.10 | 0.41 | 0.30 | 0.26 | | | | | | |
| PR25 | Beach at 8th Conc. | 1.87 | 0.44 | 0.28 | 0.24 | | | | | | |
| PR26 | Beach at 10th Conc. | 0.66 | 0.44 | 0.32 | 0.26 | | | | | | |
| PR27 | Boyd Creek at Hwy. 21 before Amberely | 8.34 | 5.33 | 2.04 | 0.07 | | | | | | |
| PR29 | Boyd Creek on Sideroad 20 North of 6th Conc. | 7.85 | 5.41 | 2.78 | < 0.06 | | | | | | |
| PR30 | Eighteen Mile Creek at Hwy. 21 before Amberely | 7.13 | 4.69 | 2.15 | 0.07 | | | | | | |
| PR32 | Eighteen Mile Creek on the 15th North of 2nd Conc. | 6.85 | 3.74 | 1.04 | 0.14 | | | | | | |
| B4 | Clark Creek at the Lake | 11.30 | 6.94 | 4.43 | 2.26 | | | | | | |
| 5 | Ditch at field drain outlet, Lake Range Road | 13.80 | 10.20 | 8.70 | Dry | | | | | | |
| 6 | New outlet to Clark Creek across from 3491 2nd Conc. | 12.10 | 7.42 | 4.41 | 1.79 | | | | | | |
| 8 | Jardine Creek at Abenaki St. | 3.63 | 3.13 | 2.44 | 0.29 | | | | | | |
| 9 | Jardine Creek at Seneca | Dry | Dry | Dry | Dry | | | | | | |
| 12 | Halfway to lake from Road | 3.32 | 1.67 | 0.74 | 0.22 | | | | | | |
| 13 | CSP where creek crosses Huron Rd. | 3.94 | 2.90 | 1.88 | 1.38 | | | | | | |
| 17 | Outlet in Jardine Creek between sites 11 & 12 | 5.51 | 4.61 | 4.80 | 3.57 | | | | | | |