

**Municipality of Huron-Kinloss  
Pine River Water Quality Monitoring Program  
2017 Sampling Results**

**Nitrate as N (mg/L)**

SAMPLE ID	LOCATION	Sample Date								
		27-Mar	24-Apr	23-May	19-Jun	17-Jul	14-Aug	11-Sep	10-Oct	6-Nov
			<b>25-Apr</b>	<b>24-May</b>	<b>20-Jun</b>	<b>18-Jul</b>	<b>15-Aug</b>	<b>12-Sep</b>	<b>11-Oct</b>	<b>7-Nov</b>
PR1	Pine River-Bridge on Lake Range Road, south of Lurgan Road	4.77	6.63	10.6	7.34	2.61	< 0.06	5.08	< 0.06	7.52
PR3	South Pine River-Bridge on Hwy. 21 at 6th Conc.	4.85	6.23	6.84	1.31	2.7	< 0.06	4.19	< 0.06	7.40
PR4	Pine River Tributary-Bridge on Hwy. 21 North of 6th Conc.	4.18	5.15	8.22	6.24	0.34	< 0.06	4.9	< 0.06	7.16
PR5	Pine River Tributary-Bridge on Hwy. 21 North of 8th Conc.	5.39	6.93	10.3	13.70	1.76	< 0.06	6.83	< 0.06	7.85
PR6	South Pine River-Bridge on Sideroad 25 North of 6th Conc.	5.52	6.26	<b>4.87</b>	<b>2.28</b>	5.42	<b>&lt; 0.06</b>	4.38	<b>&lt; 0.06</b>	<b>9.21</b>
PR7 - Upstream	Clark Creek-Culvert on Sideroad 25 South of 4th Conc.	5.99	7.73	<b>11.2</b>	<b>7.91</b>	0.13	<b>&lt; 0.06</b>	3.47	<b>3.32</b>	<b>10.40</b>
PR8	South Pine River-Culvert on the 15th North of 6th Conc.	5.76	6.51	<b>4.84</b>	<b>8.82</b>	<b>4.44</b>	<b>0.80</b>	<b>4.45</b>	<b>0.74</b>	<b>9.87</b>
PR9	Pine River-Bridge on the 15th South of 10th Conc.	3.71	4.36	<b>3.89</b>	<b>6.08</b>	<b>0.31</b>	<b>&lt; 0.06</b>	<b>2.7</b>	<b>&lt; 0.06</b>	<b>6.35</b>
PR10	Royal Oak Creek-Bridge on the 15th North of the 12th Conc.	5.34	6.94	<b>8.61</b>	<b>13.40</b>	<b>2.41</b>	<b>0.10</b>	<b>5.31</b>	<b>0.71</b>	<b>8.70</b>
PR11	Royal Oak Creek-Culvert on Sideroad 5 north Huron-Kincardine East	6.06	7.69	<b>9.91</b>	<b>14.80</b>	<b>7.36</b>	<b>Dry</b>	<b>3.08</b>	<b>&lt; 0.06</b>	<b>9.58</b>
PR12	Pine River-Bridge on Huron Twp./Kinloss Twp. Boundary South of 12th Conc.	1.84	5.08	<b>4.11</b>	<b>11.30</b>	<b>2.27</b>	<b>&lt; 0.06</b>	<b>2.99</b>	<b>&lt; 0.06</b>	<b>3.91</b>
PR13	South Pine River-Bridge on Huron Twp./Kinloss Twp. Boundary South of 8th Conc.	5.52	6.12	<b>6.22</b>	<b>13.30</b>	<b>7.56</b>	<b>&lt; 0.06</b>	<b>2.97</b>	<b>0.61</b>	<b>7.03</b>
PR17 - Upstream	Pine River Tributary-Southern Culvert on South Baseline Road North of 4th Conc.	5.87	10.30	18.1	6.36	3.11	Dry	2.64	0.10	8.65
PR18 - Upstream	Pine River Tributary- Middle Culvert on South Baseline Road North of 4th Conc.	6.20	10.80	17.5	10.30	4.01	Dry	0.73	Dry	8.95
PR19 - Upstream	Clark Creek-Southern Culvert on South Baseline Road North of 2nd Conc.	6.52	9.98	18.4	4.52	1.84	< 0.06	3.21	< 0.06	8.78
PR20	Beach at Hwy. 86 -Amberely Road.	1.88	<b>2.85</b>	3.12	0.43	0.64	0.30	0.22	0.28	3.06
PR21	Beach off of Attawandron Road-Public Walkway	1.94	<b>3.56</b>	2.23	0.38	0.70	0.28	0.31	0.27	2.87
PR22	Beach-Point Clark Swimming Area	1.25	<b>2.61</b>	2.42	0.35	0.67	0.28	0.32	0.27	3.22
PR23	Lurgan Beach-Public Walkway	3.60	<b>0.81</b>	6.78	1.73	0.62	0.27	0.25	0.28	0.68
PR24	Beach at 6th Conc.	0.51	<b>0.69</b>	4.98	0.79	0.62	0.27	0.28	0.27	0.42
PR25	Beach at 8th Conc.	1.01	<b>0.88</b>	5.02	0.73	0.60	0.29	0.27	0.27	0.41
PR26	Beach at 10th Conc.	0.77	<b>0.67</b>	6.01	0.73	0.60	0.26	0.30	0.26	0.44
PR27	Boyd Creek at Hwy. 21 before Amberely	7.98	10.10	13.3	4.21	<b>6.85</b>	< 0.06	7.45	< 0.06	10.6
PR29	Boyd Creek on Sideroad 20 North of 6th Conc.	8.03	9.16	<b>10.4</b>	<b>19.00</b>	8.39	<b>0.35</b>	8.15	<b>2.57</b>	<b>13.00</b>
PR30	Eighteen Mile Creek at Hwy. 21 before Amberely	4.33	5.50	4.64	12.90	<b>5.17</b>	0.02	5.09	0.7	6.66
PR32	Eighteen Mile Creek on the 15th North of 2nd Conc.	4.14	5.09	<b>4.15</b>	<b>7.41</b>	<b>3.73</b>	<b>0.40</b>	<b>4.14</b>	<b>0.14</b>	<b>6.16</b>
PR37	Royal Oak Creek- Tile Outlet on Huron-Kinloss north of Huron-Kincardine East	Dry	Dry	Dry	Dry	<b>Dry</b>	<b>Dry</b>	<b>Dry</b>	<b>Dry</b>	<b>Dry</b>
PR38	Royal Oak Creek- Tile Outlet on Huron-Kincardine East east of Sideroad 5	Dry	Dry	Dry	Dry	<b>Dry</b>	<b>Dry</b>	<b>Dry</b>	<b>Dry</b>	<b>Dry</b>

\* Bold results indicate second day of sampling