### North End Water Pollution Control Centre Monitoring Data

#### January 2010

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<tr>
<th>Date</th>
<th>Raw Sewage</th>
<th>Daily Flow</th>
<th>TSS (mg/L)</th>
<th>BOD5 (mg/L)</th>
<th>cBOD5 (mg/L)</th>
<th>Ammonia Ortho Phosphorus (kg NH3-N/day)</th>
<th>Total Phosphorus (mg/L-P*)</th>
<th>Total Nitrogen (mg/L-N)</th>
<th>Temp. (°C)</th>
<th>pH Units</th>
<th>Fecal Coliform (MPN/100 mL)</th>
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**Max:** 176  
**Min:** 132  
**Average:** 148  
**Geo.Mean:** 283  
**14.61**  

**Notes:**
1. Effluent ammonia load based upon Raw Sewage flows and Final NH3-N concentrations.
2. **nr** - not recorded or no result; **na** - not analyzed; **ns** - no sample.
3. Where value is expressed as less than (<), the value is halved and used in the calculations.
4. * = 30 day rolling average.
5. **Flow, highlighted in bold, in excess of 380 ML/D per clause 26 of Licence 2684RRR.
6. Bracketed Coliform results not used in the Geometric Mean calculation.
7. Raw wastewater flows in excess of 400 ML/D will by-pass the secondary process and flows in excess of 675 ML/D will cause raw sewage to by-pass the plant.
8. Total Nitrogen results are calculated from TKN and nitrate values.