



South End Water Pollution Control Centre  
Final Effluent Monitoring Report  
May 2026

| Licence #<br>2716RR | File #<br>1069.1               | 24 Hour Composite |         |        |         |        |         |                |                     |                     |                | Grab Sample |         |            |
|---------------------|--------------------------------|-------------------|---------|--------|---------|--------|---------|----------------|---------------------|---------------------|----------------|-------------|---------|------------|
| Date                | Raw Sewage<br>Daily Flow<br>ML | TSS               |         | BOD5   |         | cBOD5  |         | Ammonia        | Ortho<br>Phosphorus | Total<br>Phosphorus | Total Nitrogen | Temp.       | pH      | E.Coli     |
|                     |                                | (mg/L)            | (mg/L)* | (mg/L) | (mg/L)* | (mg/L) | (mg/L)* | (kg NH3-N/day) | (mg/L-P)            | (mg/L-P)*           | (mg/L-N)*      | (°C)        | (units) | MPN/100 mL |
| 01-May-26           | 61.7                           | <3                | 2       | <4     | 2       | <4     | 2       | 2.7            | 0.04                | 0.13                | 11.6           | 13.7        | 7.29    | <10        |
| 02-May-26           | 61.0                           | <3                | 2       | <4     | 2       | <4     | 2       | 4.9            | 0.04                | 0.13                | 11.5           | 14.3        | 7.51    | <10        |
| 03-May-26           | 63.7                           | <3                | 2       | <4     | 2       | <4     | 2       | 3.4            | 0.04                | 0.13                | 11.4           | 14.4        | 7.38    | 30         |
| 04-May-26           | 59.9                           | <3                | 2       | <4     | 2       | <4     | 2       | 1.4            | 0.03                | 0.13                | 11.3           | 13.9        | 7.38    | <10        |
| 05-May-26           | 58.4                           | <3                | 2       | <4     | 2       | <4     | 2       | 1.1            | 0.03                | 0.13                | 11.3           | 13.4        | 7.38    | 10         |
| 06-May-26           | 58.8                           | <3                | 2       | <4     | 2       | <4     | 2       | 1.5            | 0.02                | 0.13                | 11.3           | 13.2        | 7.33    | <10        |
| 07-May-26           | 58.5                           | <3                | 2       | <4     | 2       | <4     | 2       | 1.1            | 0.02                | 0.13                | 11.3           | 14.1        | 7.31    | 20         |
| 08-May-26           | 58.6                           | <3                | 2       | <4     | 2       | <4     | 2       | 29.6           | 0.10                | 0.13                | 11.2           | 14.3        | 7.20    | <10        |
| 09-May-26           | 58.4                           | <3                | 2       | <4     | 2       | <4     | 2       | 4.5            | 0.02                | 0.13                | 11.2           | 14.3        | 7.40    | <10        |
| 10-May-26           | 58.8                           | <3                | 2       | <4     | 2       | <4     | 2       | 5.2            | 0.03                | 0.13                | 11.1           | 14.4        | 7.29    | <10        |
| 11-May-26           | 59.3                           | <3                | 2       | <4     | 2       | <4     | 2       | 1.4            | <0.02               | 0.14                | 11.1           | 14.4        | 7.28    | <10        |
| 12-May-26           | 58.4                           | <3                | 2       | <4     | 2       | <4     | 2       | 2.3            | <0.02               | 0.14                | 11.0           | 14.6        | 7.34    | 10         |
| 13-May-26           | 58.2                           | <3                | 2       | <4     | 2       | <4     | 2       | 1.2            | 0.03                | 0.14                | 11.0           | 14.9        | 7.25    | 30         |
| 14-May-26           | 58.5                           | 3                 | 2       | <4     | 2       | <4     | 2       | 0.8            | 0.03                | 0.14                | 11.0           | 14.9        | 7.31    | 30         |
| 15-May-26           | 58.4                           | <3                | 2       | <4     | 2       | <4     | 2       | 0.2            | 0.02                | 0.14                | 11.1           | 15.0        | 7.39    | 10         |
| 16-May-26           | 56.2                           | <3                | 2       | <4     | 2       | <4     | 2       | 0.7            | 0.02                | 0.14                | 11.2           | 14.9        | 7.43    | 10         |
| 17-May-26           | 72.5                           | <3                | 2       | <4     | 2       | <4     | 2       | 24.4           | 0.02                | 0.14                | 11.3           | 14.7        | 7.35    | 40         |
| 18-May-26           | 69.4                           | <3                | 2       | <4     | 2       | <4     | 2       | 2.8            | 0.02                | 0.14                | 11.3           | 14.1        | 7.36    | 10         |
| 19-May-26           | 62.1                           | <3                | 2       | <4     | 2       | <4     | 2       | 5.0            | 0.03                | 0.14                | 11.3           | 14.0        | 7.29    | <10        |
| 20-May-26           | 65.6                           | <3                | 2       | <4     | 2       | <4     | 2       | 8.7            | 0.03                | 0.14                | 11.4           | 14.3        | 7.39    | 50         |
| 21-May-26           | 69.2                           | <3                | 2       | <4     | 2       | <4     | 2       | 5.2            | 0.03                | 0.14                | 11.4           | 14.8        | 7.39    | 2,850      |
| 22-May-26           | 66.0                           | <3                | 2       | <4     | 2       | <4     | 2       | 2.6            | 0.03                | 0.13                | 11.5           | 14.8        | 7.46    | 20         |
| 23-May-26           | 69.8                           | <3                | 2       | <4     | 2       | <4     | 2       | 2.0            | 0.03                | 0.13                | 11.7           | 14.5        | 7.42    | 10         |
| 24-May-26           | 67.8                           | <3                | 2       | <4     | 2       | <4     | 2       | 0.7            | 0.03                | 0.13                | 11.7           | 14.8        | 7.35    | 50         |
| 25-May-26           | 66.3                           | <3                | 2       | <4     | 2       | <4     | 2       | 0.6            | 0.02                | 0.13                | 11.8           | 15.2        | 7.47    | 40         |
| 26-May-26           | 63.9                           | <3                | 2       | <4     | 2       | <4     | 2       | 0.4            | 0.02                | 0.13                | 11.8           | 15.2        | 7.38    | 20         |
| 27-May-26           | 62.3                           | <3                | 2       | <4     | 2       | <4     | 2       | 0.9            | 0.02                | 0.13                | 11.9           | 15.6        | 7.46    | 30         |
| 28-May-26           | 62.7                           | <3                | 2       | <4     | 2       | <4     | 2       | 0.9            | 0.03                | 0.13                | 12.0           | 16.3        | 7.53    | 10         |
| 29-May-26           | 61.3                           | na                | 2       | na     | 2       | na     | 2       | na             | na                  | 0.14                | 12.0           | 16.4        | 7.44    | 30         |
| 30-May-26           | 60.5                           | <3                | 2       | <4     | 2       | <4     | 2       | 1.0            | 0.03                | 0.14                | 12.0           | 16.4        | 7.46    | <10        |
| 31-May-26           | 61.6                           | na                | 2       | na     | 2       | na     | 2       | na             | na                  | 0.14                | 12.0           | 16.8        | 7.47    | <10        |
| Max:                | 72.5                           |                   |         |        |         |        |         |                |                     |                     |                |             |         |            |
| Min:                | 56.2                           |                   |         |        |         |        |         |                |                     |                     |                |             |         |            |
| Average:            | 62.2                           | <3                |         | <4     |         | <4     |         | 4.0            | 0.03                |                     |                | 14.7        | 7.38    |            |
| Total Flow:         | 1,927.8                        |                   |         |        |         |        |         |                |                     |                     |                |             |         |            |
| Geo. Mean:          |                                |                   |         |        |         |        |         |                |                     |                     |                |             |         | 15         |

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; o/l - offline; im - instrument maintenance

- (3) Where value is expressed as less than (<), the value is halved and used in the calculations  
(4) \* = 30 day rolling average

Report Date: June 30, 2026