|                                       |                                       |   | Phosphorus (                                | Concentration                              |  |  |  |  |
|---------------------------------------|---------------------------------------|---|---|--|--|--|--|--|
| Year                                  | Site                                  | Sample Date   | (uç<br>Sample 1                             |  | Total Coliforms<br>(cfu's per 100 ml)                    | Ecoli<br>(cfu's per 100 ml)  | Secchi Depth<br>(metres)                           | Temp.  |
| 2015                                  | CLR-0                                 | 17-May  | 12.8  | 15.7                                       |  |  | 5.98   | 16   |
|                                       | CLR-2<br>CLR-4                        | Spring Turnover<br>readings   | 10.1  | 11.4                                       |  |  |  | 17<br>17   |
|                                       | CLR-5<br>CLR-7                        |   | 15.0  | 14.8                                       |  |  |  | 18<br>17   |
|                                       |                                       |   |   |  |  |  |  |  |
| 2015                                  | CLR-0                                 | 26-Jun  | 8.3 2nd                                     | l sample lost at lab                       |  |  | 4.38   | 21   |
|                                       | CLR-2<br>CLR-4                        |   | 6.5   | 6.7  | <u>11</u><br>5   | 3<br>0   |  | 22<br>21   |
|                                       | CLR-5<br>CLR-7                        |   | 7.0   | 9.8  | 127<br>3   | 19<br>0  |  | 21<br>21   |
|                                       |                                       |   |   |  | 3  |  |  | 21   |
| 2015                                  | CLR-0                                 | 03-Aug  | 5.3   | 5.7  |  |  | 5.85   | 24   |
|                                       | CLR-2                                 |   |   |  | 72   | 0  | 0.00   | 25   |
|                                       | CLR-4<br>CLR-5                        |   | 5.1<br>6.1                                  | 5.9<br>6.2                                 | 22<br>110  | 3<br>8   |  | 24<br>24   |
|                                       | CLR-7                                 |   |   |  | 106  | 5  |  | 24   |
| 2015                                  |                                       | 20 Δυσ  | 0 A   | 2.0  |  |  | 8.7  | 00   |
| 2015                                  | CLR-0<br>CLR-2                        | 30-Aug  | 3.4   | 3.9  |  |  | ð./  | 22<br>22<br>22   |
|                                       | CLR-4<br>CLR-5                        |   | 3.7<br>5.0                                  | 6.2<br>6.8                                 |  |  |  | 22   |
|                                       | CLR-7                                 |   |   |  |  |  |  | 22   |
|                                       |                                       | Image: Constraint of the sector of the se |   |  |  |  |  |  |
|                                       |                                       |   |   |  |  |  |  |  |
| 015 Annual                            | CLR-0                                 | Average   | 7.  | 0  |  |  | 6.2  | 22.0   |
| 015 Annual<br>015 Annual              | CLR-0<br>CLR-2                        | Average<br>Average  | 1.  | .9   | 41.5   | 1.5  | 0.2  | 22.0   |
| 015 Annual<br>015 Annual              | CLR-4                                 | Average   | 7.  |  | 13.5   | 1.5<br>13.5  |  | 21.0<br>21.3   |
| 015 Annual<br>015 Annual              | CLR-5<br>CLR-7                        | Average<br>Average  | 0.  | 0  | 118.5<br>54.5  | 2.5  |  | 21.3   |
|                                       |                                       |   |   |  |  |  |  |  |
| )15 Annual                            | All Sites                             | Average All Sites   | 7.  | 9  | 57   | 4.75   | 6.2  | 21.95  |
|                                       |                                       |   | * over three                                |  |  |  |  |  |
|                                       | Phosphorus<br>Site Locatio            | s samples at CLR-0 are  | e taken at seco                             | chi depth. Pho                             | sphorus samples at                                       | all other sites are ta   | aken near surface                                  |  |
|                                       | Camp Pine Crest<br>Little Bay area (R | Big Bay/Resort area)  |   |  | Ontario Standard<br>MLA Standard<br>* Phosphorus Th      | Coliform<br>< 1,000 counts/100<br>< 100 counts/100<br>reshold is 4.79 ug/l as<br>CFU stands for colo | ml < 100 c<br>ml < 10 c<br>per District of Muskoka | E. Coli<br>counts/100 ml<br>counts/100 ml<br>a Official Plan |
|                                       |                                       |   |   |  |  |  | ,            |  |
| OSPHORUS SC<br>to 75% occurs r        |                                       | is human influence ie. deterg   | jents, fertilizers, ph                      | osphorus leaching                          | from septics   |  |  |  |
|                                       |                                       |   |   |  |  |  |  |  |
| ortunately, bacte<br>cate older fecal | eria with the biochen                 | acteria found in high number<br>nical characteristics of total o<br>presence of decaying organ  | coliforms are also f<br>nic matter. Althoug | ound in non-contai<br>h the total coliform | minated water. Thus, in th<br>bacteria group is a less r | e absence of fecal coliforn<br>eliable indicator of sewage   | ms, the presence of total e contamination, because | coliforms may  |
|                                       |                                       | s an indicator of treatment a   |   |  |  | er coliform count must be  |  |  |
|                                       | IS (E. COLI)                          |   |   |  |  |  |  |  |