Table X. Nutrient analyses of Organic Lake

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | NH3  (mg/l) | nitrate  (mg/l) | nitrite (mg/l) | SRP (mg/l) | TOC  (mg/l) | DOC  (mg/l) | total N  (mg/l) | total dissolved N (mg/l) | total P  (mg/l) | total dissolved P (mg/L) | total S (mg/l) | total dissolved S (mg/l) | particulate  C:N:P  (molar ratios) | dissolved  C:N:P  (molar ratios) |
| Organic 1.7 m | 0.108 | <0.002 | <0.002 | 0.08 | 88 | 69 | 7.70 | 0.112 | 1.5 | 0.509 | 1010 | 996 | 49:7:1 | 350:20:1 |
| Organic 4.2 m | - | - | - | - | 87 | - | 7.50 | - | 1.4 | - | 974 | - | - | - |
| Organic 5.7 m | 1.22 | 0.003 | <0.002 | 0.10 | 110 | 97 | 11 | 1.225 | 3.0 | 0.805 | 1020 | 1250 | 15:2:1 | 311:26:1 |
| Organic 6.5 m | 5.29 | 0.002 | 0.010 | 0.20 | 170 | 150 | 24 | 5.302 | 7.6 | 4.5 | 1410 | 1290 | 17:3:1 | 86:10:1 |
| Organic 6.7 m | 2.32 | 0.008 | 0.010 | 0.18 | 130 | 120 | 13 | 2.338 | 3.7 | 2 | 950 | 995 | 15:1:1 | 155:13:1 |