

| Station | DO mg/L | TEMP oC | Conductivity us/cm | pH units |
|---------|------------|------------|-----------------------|-------------|
| 1a | 5.78 | 25.66 | 105 | 8.79 |
| 1b | 5.46 | 25.68 | 107 | 8.81 |
| 1c | 5.58 | 25.73 | 115 | 8.68 |
| 2a | 3.73 | 22.48 | 216 | 7.27 |
| 2b | 3.52 | 22.35 | 225 | 7.3 |
| 2c | 3.94 | 22.51 | 205 | 7.18 |
| 3a | 3.73 | 24.45 | 487 | 6.41 |
| 3b | 3.75 | 24.71 | 493 | 6.45 |
| 3c | 4.14 | 24.63 | 492 | 6.56 |
| 4a | 7.37 | 23.48 | 326 | 6.73 |
| 4b | 7.34 | 23.52 | 335 | 6.82 |
| 4c | 7.31 | 23.4 | 342 | 6.94 |
| 5 | 2.57 | 24.91 | 371 | 4.15 |

Appendix 3: Water Chemistry Raw Data

| | a | b | c | Mean | Std Dev | |
|-----------------------|------|------|------|-------|---------|------------------|
| Pond on Property | 22 | 23.1 | 22.9 | 22.7 | 0.6 | Calcium |
| Adjacent Pond | 65.1 | 22.4 | 23 | 36.8 | 24.5 | |
| Shettlewood Spring | 93.5 | 98.2 | 123 | 104.9 | 15.9 | |
| Great River at Bridge | 67.7 | 72.8 | 81 | 73.8 | 6.7 | |
| Pit #7 | 1.19 | | | | | |
| Pond on Property | 10.1 | 8.8 | 8.3 | 9.1 | 0.9 | Chloride |
| Adjacent Pond | 7.7 | 7.3 | 7.3 | 7.4 | 0.2 | |
| Shettlewood Spring | 12.5 | 14.6 | 15.6 | 14.2 | 1.6 | |
| Great River at Bridge | 10.1 | 11.2 | 15.3 | 12.2 | 2.7 | |
| Pit #7 | 8.7 | | | | | |
| Pond on Property | 1.33 | 0.98 | 1.18 | 1.2 | 0.2 | Magnesium |
| Adjacent Pond | 1.19 | 0.94 | 0.99 | 1.0 | 0.1 | |
| Shettlewood Spring | 3.73 | 3.6 | 3.94 | 3.8 | 0.2 | |
| Great River at Bridge | 6.04 | 6.01 | 6.14 | 6.1 | 0.1 | |
| Pit #7 | 0.27 | | | | | |
| Pond on Property | 0.18 | 0.13 | 0.26 | 0.2 | 0.1 | Strontium |
| Adjacent Pond | 0.07 | 0.12 | 0.32 | 0.2 | 0.1 | |
| Shettlewood Spring | 0.23 | 0.61 | 0.78 | 0.5 | 0.3 | |
| Great River at Bridge | 0.07 | 0.23 | 0.47 | 0.3 | 0.2 | |
| Pit #7 | 0.58 | | | | | |
| Pond on Property | 2.29 | 2.46 | 2.48 | 2.4 | 0.1 | Potassium |
| Adjacent Pond | 2.34 | 2.48 | 2.5 | 2.4 | 0.1 | |
| Shettlewood Spring | 0.33 | 0.36 | 0.36 | 0.4 | 0.0 | |
| Great River at Bridge | 0.73 | 0.84 | 1.11 | 0.9 | 0.2 | |
| Pit #7 | 0.09 | | | | | |
| Pond on Property | BDL | 22 | 31 | 26.5 | 6.4 | Selenium |
| Adjacent Pond | BDL | 27 | BDL | 27.0 | 0.0 | |
| Shettlewood Spring | BDL | 4 | 9 | 6.5 | 3.5 | |
| Great River at Bridge | 165 | BDL | 25 | 95.0 | 99.0 | |
| Pit #7 | BDL | | | | | |
| Pond on Property | 1.5 | 1.52 | 1.55 | 1.5 | 0.0 | Sodium |
| Adjacent Pond | 1.91 | 1.61 | 1.53 | 1.7 | 0.2 | |
| Shettlewood Spring | 3.61 | 3.95 | 3.65 | 3.7 | 0.2 | |
| Great River at Bridge | 4.44 | 4.65 | 4.82 | 4.6 | 0.2 | |
| Pit #7 | 2.82 | | | | | |