|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Characteristic\_Name** | **Method\*** | **Source\*** | **Quantity** | **Unit Cost** | **Total** |
| Alkalinity, Total (total hydroxide+carbonate+bicarbonate) | SM 2320 B | APHA | 340 |  |  |
| Arsenic | EPA 200.8 (180 day hold time) | USEPA | 340 |  |  |
| BOD, Biochemical oxygen demand | SM 5210 B | APHA | 340 |  |  |
| Boron | EPA 200.7 (180 day hold time) | USEPA | 340 |  |  |
| Cadmium | EPA 200.8 (180 day hold time) | USEPA | 340 |  |  |
| Calcium | EPA 200.7 (180 day hold time) | USEPA | 340 |  |  |
| Carbon, Total Organic (TOC) | SM 5310 B | APHA | 340 |  |  |
| Chlorophyll-a, corrected for pheophytin | SM 10200 H | APHA | 340 |  |  |
| Color, True | SM 2120 B | APHA | 340 |  |  |
| Copper | EPA 200.8 (180 day hold time) | USEPA | 340 |  |  |
| *Escherichia coli* (CFU) | 1603 | USEPA | 340 |  |  |
| Fecal Coliform (CFU) | 9222-D | APHA | 340 |  |  |
| Hardness, Ca + Mg | EPA 200.7 (180 day hold time) | USEPA | 340 |  |  |
| Lead | EPA 200.8 (180 day hold time) | USEPA | 340 |  |  |
| Magnesium | EPA 200.7 (180 day hold time) | USEPA | 340 |  |  |
| MBAS (detergents, surfactants) | SM 5540 C | APHA | 340 |  |  |
| Nickel | EPA 200.8 (180 day hold time) | USEPA | 340 |  |  |
| Nitrogen, ammonia as N | 350.1 | USEPA | 340 |  |  |
| Nitrogen, Kjeldahl | EPA 351.2 | USEPA | 340 |  |  |
| Nitrogen, Nitrate (NO3) as N | EPA 353.2 (48 hours hold time) | USEPA | 340 |  |  |
| Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N | EPA 353.2 (48 hours hold time) | USEPA | 340 |  |  |
| Nitrogen, Nitrite (NO2) as N | EPA 353.2 (48 hours hold time) | USEPA | 340 |  |  |
| Nitrogen, Organic | TKN-NH3 Calculation | TKN-NH3 Calculation | 340 |  |  |
| Nitrogen, Total | TKN+NOx Calculation | TKN+NOx Calculation | 340 |  |  |
| Pheophytin-a | SM 10200 H | APHA | 340 |  |  |
| Phosphorus as P | EPA 365.3 (28 day hold time) | USEPA | 340 |  |  |
| Phosphorus, orthophosphate as P | EPA 365.1 (48 hour hold time) | USEPA | 340 |  |  |
| Solids, Dissolved | SM 2540 C | APHA | 340 |  |  |
| Solids, Total Suspended (TSS) | SM 2540 D | APHA | 340 |  |  |
| Titanium | EPA 200.7 (180 day hold time) | USEPA | 340 |  |  |
| Total Nitrogen/Total Phosphorus Ratio (TN:TP) | Calculated |  | 340 |  |  |
| Turbidity | EPA 180.1 | USEPA | 340 |  |  |
| Zinc | EPA 200.8 (180 day hold time) | USEPA | 340 |  |  |
| **Total** |  |  |  |  |  |

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| **Characteristic Name** | **Method** | **Source** | **Quantity** | **Unit Price** | **Total** |
| Total Kjeldahl Nitrogen (TKN) | FDEP in-house based on EPA 351.2 | FDEP | 26 |  |  |
| Total Organic Carbon (TOC) | FDEP SOP: NU-076-1 based on EPA 415.1 | FDEP | 26 |  |  |
| Total Phosphorus (TP) | FDEP in-house based on EPA 365.4 | FDEP | 26 |  |  |
| Phosphorus, as P (dry weight) | EPA 365.4 | USEPA | 26 |  |  |
| Aluminum | EPA 6010C Total Metals | USEPA | 26 |  |  |
| Lead | EPA 6020A Total Metals | USEPA | 26 |  |  |
| Total % Solids | EPA 2540G | USEPA | 26 |  |  |
| Particle Size Distribution/Soil Type | ASTM D6913 & D7928 | ASTM | 26 |  |  |
| **Total** |  |  |  |  |  |