Table 1: Water Quality Sample Analysis Parameters

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| **Parameter** | **Method**  | **Detection Limit** | **Hold Time** |
| Alkalinity  | USEPA 310.1 (1)  | 10 mg/L CaCO3 | 24 hours |
| Arsenic | SW-846 method 6020 (2)  | 1 μg/L | 6 months |
| BOD5 (mg/L) | USEPA 405.1 (1)  | 2 mg/L | Analyze Immediately |
| Chloride | SW-846 method 325.2 (2) | 1mg/L | 28 days |
| Conductivity | Conductivity Cell | 1 μS/cm | 28 days |
| Iron | SW-846 method 6010B (2) | 0.02 mg/L | 6 months |
| Manganese | SW-846 method 6020 (2) | 5 μg/L |  6 months |
| NH3  | USEPA 350.3 (1) | 0.02 mg/L NH3-N | 28 days |
| NO2 | USEPA 354.1 (1) | 0.002 mg/L NO2-N | 24-48 hours |
| NO3  | USEPA 353.3 (1) | 0.3 mg/L NO3-N | 24 hours  |
| pH |   |   | Analyze immediately |
| TKN  | USEPA 351.1 (1) | 1 mg/L | 28 days |
| TOC | SW-846 method 415.2 (2) | 0.5 mg/L | 28 days |
| Total and Soluble COD  | USEPA 410.4 (1) | 1 mg/L | 28 days |
| TP | USEPA 365.1 (1) | 0.02 mg/L P | 28 days |
| TS & VS | USEPA 160.3 (1) | 0.1 mg/L | 7 days |
| TSS & VSS | USEPA 160.2 (1) | 0.1 mg/L | 7 days |

1. (US EPA 2009)
2. (US EPA 1996)