

Appendix A

Sampling Locations

List of Physical and Chemical Parameters

The following physical and chemical parameters will be determined (through direct measurement in the field or the collection and laboratory testing of samples) during each sampling event:

Field Parameters

- pH
- Oxidation-reduction potential (mV)
- Specific conductivity (mS/cm)
- Dissolved oxygen (DO, mg/L and %)
- Turbidity (NTU)
- Total dissolved solids (TDS, mg/L)
- Temperature (°C)

Laboratory Tested Parameters

- Alkalinity
- Carbonate
- Bicarbonate
- Anions
 - Chloride
 - Fluoride
 - Hydroxide
- Nutrients
 - Total ammonia
 - Nitrate
 - Nitrite
 - Phosphorus
- Cyanide
 - Total cyanide
 - Free cyanide
 - Weak acid dissociable (WAD) cyanide
- Metals
 - Total metals
 - Dissolved metals

All laboratory testing will be conducted by an accredited laboratory and appropriate quality assurance and quality control measures will be applied, including the use of field and laboratory duplicates, trip blanks, field blanks, method blanks, and matrix spikes.