1.1 **GENERAL**

1.2 Related SFU Technical Requirements

.1 Section 20 00 05 Mechanical - General Requirements
.2 Section 22 05 00 Plumbing - General Requirements
.3 Section 22 05 00.1 Plumbing – Potable Water Procedures

1.3 Coordination Requirements

.1 SFU Facilities

2.1 **MATERIALS AND DESIGN STANDARDS**

.1 Potable water must be tested to conform with AWWA and SFU Facilities Requirements.

3.1 **EXECUTION**

.1 The contractor shall be responsible for all potable water testing and results.

.1.1 Testing is to be performed by SFU preferred vendor:

Maxxam Analytics
4606 Canada Way
Burnaby, BC V5G 1K5
(604) 734-7276

.2 Procedure for collection, delivery and analysis/testing to be confirmed with vendor. General process as follows:

a Email CustomerService@Maxxam.ca in order to place bottle orders. In the bottle order request, the following items must be specified:

- Number of samples to collect
- Type of samples - whether drinking water source, well water or ground/surface water
- Tests needed to be complete on the samples (Total coliforms, \textit{E.coli}, Fecal coliforms, etc)
- On the email or phone call placed for bottle order, specify the project, and if the samples are being submitted by a contractor or consultant, confirm PO# as applicable. This PO# should be reflected on the COC form accompanying the samples.
- Specify date and time bottles are required and whether this is for pick up or delivery at a specified address.

b A Chain of Custody (COC form) will be provided by Maxxam with the bottle order. COC form can also be downloaded from the Maxxam website: http://maxxam.ca/resources/chain-of-custody-coc-forms/. Select generic COC form for regular/ environmental waters and Drinking water COC form for drinking water source samples.

- Visit this website link for instruction on how to fill out COC form and how to pack samples in a cooler; http://maxxam.ca/resources/video-library/instructional-video-library/ For the COC forms, all contacts that must receive a copy of the report should be reflected on the COC form.
- The sample type requirements vary with the type of test required.
- Best practice is to keep samples cold in the range 1-10 degree Celsius.

***END OF SECTION***