**Section 391.520 Groundwater Sampling and Analyses**

a) Groundwater samples shall be collected by one of the following methods:

1) Peristaltic pumps;

2) Submersible diaphragm pumps;

3) Bailing method using stainless steel or PVC materials;

b) Air lift or nitrogen lift pumping equipment shall not be used.

c) Groundwater samples shall be filtered at the time of collection using a 0.45 micron filter or equivalent, however laboratory filtration is acceptable provided it is performed within 15 minutes from the time of collection. Groundwater samples shall be preserved and analyzed in accordance with Standard Methods for the Examination of Water and Wastewater (14th edition).