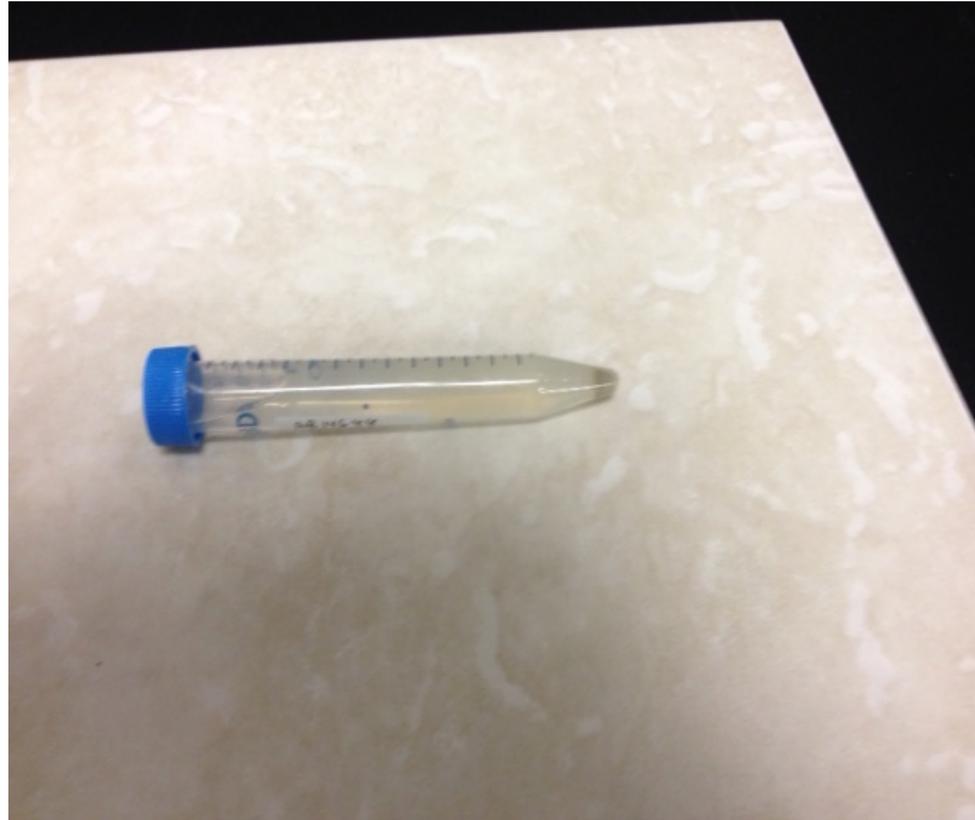


LABORATORY ANALYSIS



les are cleared following the Hydrogen Peroxide/Potassium Dichromate method as described in Barbour et al. 1999. Under a fume hood, a small amount of hydrogen peroxide is added to the sample. A few potassium dichromate crystals are added and allowed to oxidize over night. The sample is then rinsed several times until it has a neutral pH. Samples are transferred onto cover slips and dried. The preparation of permanent diatom mounts is done under a fume hood. Cargille M