


WATER QUALITY TEAM

PORT MOODY ECOLOGICAL SOCIETY ETHNOGRAPHY RESEARCH

DESIGN FOCUS

 Safety and efficiency when gathering data in the field

 Accuracy and efficiency when analyzing data in the laboratory

112
Photos

2 Pg
Notes

90 Mins
Audio



Field Work



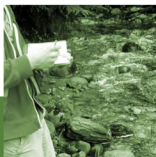
Place the temperature and oxygen meter gently in the water and wait for the readings to settle

Rinse the bottle first with creek water, and then fill the bottle with the water (approx. 600mL)



Some creeks are hard to access due to the rocky, slippery and muddy slopes

Record the temperature and oxygen readings from the meter



Laboratory

Wear gloves before using the colormeter to analyze the samples for phosphate, nitrate and ammonia content

The samples are poured into their labelled beakers, which are then poured into separate test tubes for the 3 analyses



Place the test tube into the colormeter and make sure the dot on the lid is facing the dot in the colormeter

Choose the correct method on the colormeter and press "ZERO" to zero the sample



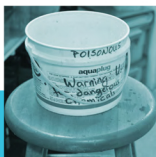
Take out the test tube and pour the correct reagent for that specific analysis into the test tube before placing it back into the colormeter

Press "TIMER" to analyze the sample



Record the test results of each sample, and then give the data sheet to a member to enter the data electronically

Rinse equipment with distilled water and creek water prior to analysis, and pour the waste into the waste bucket



The Water Quality Team monitors the water quality of the creeks around Burrard Inlet. Their goal is to update the water quality data for the local community.