

# D-Lab

Water Testing Homework

Due: 27 September 2004

You have been sent to a small academic community nestled on the banks of a river in the state of Massachusetts. There is some concern that the water that flows through this community is contaminated and may not be safe for drinking. Your job is to test the water and make a report to the community leaders. You will test the water for bacterial contamination, chlorine and arsenic.

## Summary of Findings:

<b>Test Site:</b>		<b>Sampling Location:</b>		<b>Date:</b>	
<b>pH:</b>	<b>Arsenic:</b> ppm	<b>Total Chlorine:</b> ppm	<b>Residual Chlorine:</b> ppm		
<b>Total Coliforms:</b> cfu/100ml		<b>E. Coli:</b> cfu/100ml			

What are the potential health risks faced by this community if they continue drinking water from this source?

What are your recommendations?

Submitted by: