Studer	t names:	Block
	Student Data Sheet for Mud Creek Case Study: Chemical Measurement of Stream Health	
	Measure water chemistry and record data below. ow, record the results of all three research teams.	
1.	рН	
	Upper Mud Creek:	Mud Tributary:
2.	Dissolved oxygen (mg/L)	
	Upper Mud Creek: Lower Mud Creek:	Mud Tributary:
3.	Total dissolved solids (mg/L)	
	Upper Mud Creek: Lower Mud Creek:	Mud Tributary:
4.	Turbidity (NTU)	
	Upper Mud Creek: Lower Mud Creek:	Mud Tributary:
<b>B.</b> 1.	Interpret the class results. Why does measuring pH provide information about stream health?	
2.	Why does measuring dissolved oxygen provide information about stre	eam health?
3.	Why does measuring total dissolved solids provide information about	stream health?

4.	Why does measuring turbidity provide information about stream health?
5.	Based on these chemical measurements, how does stream health compare between the three Mud Creek sites?
6.	What do these results tell us about the ability of Mud Creek to recover from urbanization? Explain your answer.