

Student Worksheet

Name: _____

Group #: _____

Date: _____

Site ID: _____

Site Observations:

Type of waterbody (e.g., stream, lake, wetland): _____

Weather today: _____

Weather yesterday: _____

Air temperature: _____

Water appearance (e.g., clear, brown, foamy, milky): _____

What type of land uses are in the immediate area? _____

What type of land uses are in the surrounding area? _____

Is the area shaded by trees? _____

List all other abiotic factors you can observe that might be important in this aquatic ecosystem: _____

Data Collection

YOUR RESULTS	COMPARE YOUR RESULTS TO ALLOWABLE RANGE IN UTAH	DOES THE WATER MEET UTAH'S REQUIREMENTS? (Y/N)
pH		
	6.5 to 9.0	
Dissolved Oxygen		
ppm (mg/l)	Minimum of 6.5 mg/l for cold water fisheries and 5.5 mg/l for warm water fisheries.	
Turbidity		
NTUs	An increase of 10 NTUs from previous data.	
Temperature		
•C	Maximum of 20 •C for cold water fisheries and the maximum temperature for warm water fish is 27 •C.	