

Teacher Professional Learning: Land and Water
August 2017

Water Resource Field Observation Sheet

Group Name _____

Date _____

Waterbody name _____

location (lat/long) _____

General Observations (circle all that apply)

1. weather

sunny partly cloudy cloudy hazy/overcast raining snowing hot
 mild cold windy other
notes:

2. water clarity

clear cloudy algal bloom other
notes:

3. stream form

meandering (winding) braided (multiple channels) straight
notes:

4. condition of banks

vegetated developed/lawn erosion other
notes:

5. evidence of disturbance

litter/debris significant dumping pollution (visible oil, sewage, etc.)

pipes, dams, other manmade structures other

notes:

6. wildlife

fish amphibians/reptiles birds insects mammals

domestic or farm animals other

notes:

Physical Measurements

6. Width in meters (average of 3 measurements): _____

notes:

7. Depth in centimeters (average of 3 measurements across width profile): _____

notes:

8. Water velocity in meters/second (average of 3 measurements): _____

(using the highly technical "orange" method)

notes:

Water Quality Measurements

parameter	value	Comments/notes
TDS meter		
Temperature (C) (average of 3 readings)		
Conductivity (average of 3 readings)		
Total Dissolved Solids (average of 3 readings)		
HACH Kit		
pH		
Ammonia N		
Nitrate N		
Phosphate		