

Watershed Decisions

What are the sources of pollution affecting Crooked Creek? What solutions can you propose to these sources of pollution?

Part I- Analyze Water Test Results

Make a prediction about which of the water testing sites (A-H) will have the worst water quality results. Write the letters for the sites you predict are going to be worst here: _____

Why did you choose these sites?

Now look at the test results cards & follow the instructions on them. Which 4 sites (A-H) showed the worst water quality? How much of each pollutant was detected at each of the worst sites? (ex: 1 PPM Nitrate, 1 Unit of Turbidity)

_____ pollutants: _____ pollutants: _____
 (site letter) (site letter)

_____ pollutants: _____ pollutants: _____
 (site letter) (site letter)

Part II- Identify Land Users

In your opinion, which of the numbered pictures represent the four worst polluters in the watershed?

Write the numbers here: _____

Read all investigation results cards. Which of the land users, if any, are causing the most pollution?

Explain why water might be most polluted in a location where land users aren't causing most of the pollution:

Part III- Prepare a Plan to Improve the Watershed Using Best Management Practices (BMPs)

Read all of the BMP/improvements and then choose four to use in your watershed. Present to the entire committee. Explain why you chose these BMP's and at which site you will use each practice.

BMP/Improvement	Site #	Explain why you chose that BMP for that site (what proof do you have?)
1 -----		-----
2 -----		-----
3 -----		-----
4 -----		-----