



U.S. Department of the Interior
Bureau of Land Management

Assessment

Module 2: Water Quality

1. Identify three things in the photo that make this Alaska creek a healthy waterway.



CCSC Staff, BLM

Answer:

- 1.
- 2.
- 3.



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2. Identify one way that humans can impact the quality of the water in a waterway.

Answer:

3. Identify one way you and your family can help waterways have healthy water quality.

Answer:

4. Look at the picture below. Do you think the waterway has a high amount of dissolved oxygen or a low amount of dissolved oxygen? Explain your answer.



Jeremy Matlock, BLM

Answer:

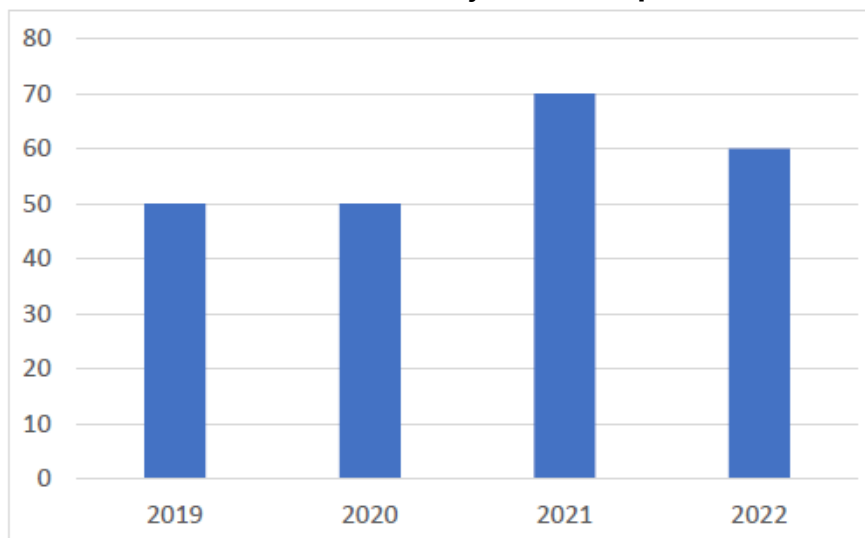


5. Why is dissolved oxygen important in creeks, rivers, and other waterways?

Answer:

Brian visited the same location in the imaginary Cottonwood Creek for four years in July. He recorded what he found in the bar graph below. Use the bar graph to answer the following questions.

Cottonwood Creek July Water Temperature



6. What year had the warmest water temperature?

7. In what year was the water temperature 60°F?

8. In the year 2019, Brian found a lot of dead salmon on the shore of the creek. According to the graph, what might have caused this?



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9. Why is water quality important to people?

Answer: