

Lake Study Report Form

Please read these instructions first.

Answer the following questions in the space provided. Once all of the questions are answered, click on the "Print Form" button at the top of the page. Adobe Reader does not allow you to save a copy of your report, so make sure that you are able to print from the computer you're working on before you begin filling in this form. The printed copy of your report is the only record of your work, so don't lose it.

Please enter the following information:

First Name

Last Name

Email Address

T.A.'s name

Section Number

1. How many water samples did you take and what was the average water temperature?

Number of water samples

Average water temperature (°C)

2. Based on the sampling data you obtained and the information in the literature, were you able to rule out any possible causes of death? If so, which ones and on the basis of what data?

3. Based on your sampling data, what hypothesis did you form to explain why the fish were dying? Write one specific and concise sentence.

4. Explain what specific data from your analyses and from the literature led you to the hypothesis above. Be concise.

5. Summarize each tank test experiment you performed to test your hypothesis. Give the experimental parameters and the result of each experiment.

Use the table below

6. What are your three most important conclusions from the experiments summarized above? Rank your conclusions from most important to least important. (One or two sentence answers please. Do not exceed the space in the box).

Most important conclusion

Conclusion 2

Conclusion 3

7. How do your data support each conclusion.

Explanation for most important conclusion

Explanation for conclusion 2

Explanation for conclusion 3

8. Did the results of the first set of tank test experiments you performed support your hypothesis?

Yes No

If you answered "yes" above, your report is complete and you should click the "**Print Form**" button on the first page

9a. If your answered "no", write the new hypothesis you formulated based on your data.

9b. Summarize each experiment you performed to test your new hypothesis. Give the experimental parameters and the result of each experiment.

Use the table below

9c. Did this second set of experiments confirm your new hypothesis? Explain

If you have answered all the questions you need to you are ready to print your report. Click this button or the one at the top of page 1.