**Lab Report Conclusion**

**Directions:** In your Bioremediation Lab Report, you are writing a conclusion about the results from your experiment. You will make a CLAIM about how your data supported or refuted your hypothesis. Then, your observations and data will be the EVIDENCE that you use to support your CLAIM. Finally, you will have to ANALYZE each piece of evidence that you use in order to explain *how* that EVIDENCE supports your CLAIM.

1. Write your claim.

*Claim:* My hypothesis was supported/refuted (choose one) because\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. Choose 3 pieces of evidence from your Step 10: Data Analysis to support your claim. In the “Analysis” column, explain how that piece of evidence directly supports your claim.

Here are some sentence starters for your Analysis section:

* The fact that [rephrase your evidence here] shows/demonstrates that [rephrase your claim here] *because*…
* This (your piece of evidence) is significant *because*…[explain how the evidence directly relates to your claim].
* Based on this (piece of evidence), I conclude that [rephrase your claim here] *because*...

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| **Piece of Evidence** | **Analysis** |
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3. Using the chart above as reference, write your bioremediation conclusion in the box below that supports your claim. Start with your claim, and then use your evidence and analysis to argue for why your claim is reasonable:

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