**Research Team: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Insert your answers / figures / tables below each question, and rename the document “MARS4911\_FieldReport \_TeamName”. Forward the completed document to the instructor via email ([khyrenba@gmail.com](mailto:khyrenba@gmail.com)) using “MARS4911 Field Report” as the title. This assignment is worth 10 points.

Report the following information:

1. How many sites OR individuals were sampled? Provide a summary table showing the samples collected to date, and the samples you plan to collect in the future (+1 point). Provide a figure showing the location of the samples collected to date, and of the samples you plan to collect in the future (+1 point). Include captions for both. NOTE: if your sampling is opportunistic, report the number of samples / general locations where you would like to sample.
2. Provide a tabular and graphical summary of the data you have collected to date. Use at least one figure (+1 point) and one table (+1 point). Include captions for both. To get full credit, make sure you clearly report the units of the variables used to characterize your observations.
3. Test your data for normality. For all the continuous variables you measured, report the skewness and the kurtosis, and evaluate whether these data seem to be normally distributed or not (+1 point). Perform a test of normality. Report the outcome using one figure (+1 point) and one table (+1 point). NOTE: if your data are not normally distributed, consider a possible data transformation to achieve normality.
4. Select and perform a statistical test to compare your data, and explain what test you selected to perform and what are the statistical (null / alternate) hypotheses of the test (+ 1 point). Discuss how your results relate to the scientific hypothesis you are testing (+0.5 points) and to your specific predictions (+0.5 points). Do the results to data support / contradict your predictions? Explain.
5. Briefly describe one aspect that worked well / one aspect that did not work well during your sampling (+0.5 points). Explain what changes you have implemented to solve this issue (+0.5 points).