Grading Rubric for Project Paper, “Analysis of Phosphorus Concentrations in a Natural Water System*”*

Group members:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­\_\_\_\_\_\_Section\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| Evaluation  | Salient Features | Maximum Points | Points Assigned |
| Paper Format | * Length, section, and format requirements followed
* Spelling, punctuation
* Writing style
 | 5 |  |
| Required Content | Experimental/Results * Describes how, when, and where samples were collected and stored
* Methods properly referenced and QA procedures tersely described
* Absorption spectra and standard curves of each method presented
* A good defense on method selected for the research question
* A relevant figure presented which effectively captures the result(s) of the research question
 | 15 |  |
|  | Quality of Discussion:* Makes comparisons to results reviewed in the literature
* Conclusions tie directly to results
* Next experiment(s) proposed
 | 10 |  |
| Notebook pages | * The notebook reflects clearly the experimental progress during the project periods. Some sample calculations presented; some reflective summary included.
 | 3 |  |
| Peer Evaluation | Each group member handed in a completed peer evaluation (PE). | 2 | Missing PE names: |
| Total | 35 |  |  |
|  |  |  |

General Comments: