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

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

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| 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 |  |  |
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General Comments: