<table>
<thead>
<tr>
<th>Category / Score</th>
<th>7</th>
<th>14</th>
<th>20</th>
<th>Notes</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Object Background &amp; Paper Organization</strong></td>
<td>7</td>
<td>14</td>
<td>20</td>
<td>Notes</td>
<td>Score</td>
</tr>
<tr>
<td>Discusses only one or no suggested background topics</td>
<td>Discusses only two suggested background topics</td>
<td>Discusses at least three suggested background topics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Includes one or no citations supporting information</td>
<td>Includes only two citations supporting information</td>
<td>Includes three or more citations supporting information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spelling &amp; grammar mistakes in every sentence</td>
<td>Average number of spelling &amp; grammar mistakes</td>
<td>No noticeable spelling &amp; grammar mistakes</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Use of scientific language is routinely incorrect</td>
<td>Use of scientific language is usually correct but infrequently incorrect, and sometimes clunky/awkward</td>
<td>Use of scientific language is appropriate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper is short by a page or more</td>
<td>Paper is short by half a page</td>
<td>Paper is correct length</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Experimental Plan (Description of Analysis &amp; Data Product Presentation and Explanation)</strong></td>
<td>7</td>
<td>14</td>
<td>20</td>
<td>Notes</td>
<td>Score</td>
</tr>
<tr>
<td>Description of analysis is incorrect or misleading</td>
<td>Description of the analysis is mostly clear but occasionally confusing/misleading</td>
<td>Description of analysis is clear</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>It is unclear how the resulting data product could be reproduced</td>
<td>Another student could produce the data product based on description offered and a little guesswork</td>
<td>Another student could produce the data product based on description of analysis alone</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Data product figure is not included or explained at all</td>
<td>Data product figure is included and explained</td>
<td>Data product figure is included and explained</td>
<td></td>
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</tr>
<tr>
<td><strong>Calculation and Explanation</strong></td>
<td>7</td>
<td>14</td>
<td>20</td>
<td>Notes</td>
<td>Score</td>
</tr>
<tr>
<td>Calculation is incorrect, or nonexistent</td>
<td>Calculation is correct</td>
<td>Calculation is correct and clearly/cleanly explained</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>It is unclear how the resulting calculation was made based on the narrative</td>
<td>Another student could repeat the calculation based on the provided description and a little guesswork</td>
<td>Another student could repeat and understand the calculation based on provided description</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any external information used to complete the calculation is cited</td>
<td>Any external information used to complete the calculation is cited</td>
<td>Any external information used to complete the calculation is cited</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Final Score**