***Grading Rubric for “How You’ll Use It” - Pauling’s Rules***

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| **Characteristic** | **Grade = A** | **Grade = C** | **Grade = F** |
| **Grammar (40%)** | • *Grammar*: Sentences are well constructed and clearly convey their meaning. Spelling and grammatical errors are minimal• *Style*: Language is formal; appropriate for a professional report or a published document; scientific citation styles are used• *Organization*: Clear topic sentences; each sentence expresses an idea; paragraphs consist of related ideas | • *Grammar*: Most sentences are properly constructed; spelling and grammatical errors are present, but not predominant; errors do not interfere with the ability of readers to understand what is written• *Style*: Language is mostly formal; appropriate for a professional report or a published document; scientific citation styles are used• *Organization*: Clear topic sentences; each sentence expresses an idea; paragraphs consist of related ideas | • *Grammar*: Sentences are poorly constructed and make little sense. Grammar and spelling errors are common• Style: Language is informal; more a transcription of speech than an example of professional writing; scientific citation styles are not used• *Organization*: no topic sentences; sentences do not express a clear idea; paragraphs contain unrelated ideas |
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| **Analysis (60%)** | • *Statement of the problem*: as in “Grade = C”• *Methods*: as in “Grade = C”• *Summary*: as in “Grade = C”“A” papers often contain particularly novel or complete analyses of the problem, sometimes employing methods not anticipated, but very useful; analysis is accurate with no errors | • *Statement of the problem*: The topic sentence(s) of the report accurately describes the goal of the analysis, relative to the needs of the community.• *Methods*: the calculations used to obtain the report’s conclusions are completely and accurately described. • *Summary*: the report correctly identifies the well or wells that are likely to contain maximum and minimum levels of contamination, and correctly notes the time-frame of elevated radioactivity levels | • *Statement of the problem*: missing; or the report reveals no understanding of the problem or the needs of the community, • *Methods*: missing, or not appropriate to the problem to be solved • *Summary*: missing; or the report does not correctly identify the well or wells that are likely to contain maximum and minimum levels of contamination, nor the correct time-frame of elevated radioactivity levels |