**An Ecosystem Services Approach to Water Resources Module**

**Summative Assessment Description**

**Part II: Reflective Questions**

Please complete a well-organized and clearly written paragraph for **each** prompt below:

1. Describe, as if to someone who did not do this module, what an ecosystem services approach entails, both in general terms and in terms of the particular land-use change you were asked to consider.
2. In what way(s) is using a modeling tool like the Stormwater Calculator to evaluate land-use change different than other way(s) you might evaluate such a change? That is, discuss a few of the advantages and the disadvantages of such an approach. Overall, should such an approach form the basis of land-use change decisions? Why or why not?
3. Consider a stakeholder group whose mission or objectives did not align well with the stakeholder group you represented—or consider how your own personal views diverged from the views of your stakeholder group. Describe one value/service of the land that was significantly different, and discuss the reason(s) for that difference.

**Reflective questions grading rubric**

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|  | **5 points** | **3 points** | **1 point** |
| **Describing ecosystem services** | Ecosystem services terminology used correctly, ecosystem services approach clearly described, both generally and in terms of the particular land-use change considered in the module. | Limited use of ecosystem services terminology, moderate understanding of ecosystem services approach, both generally and in terms of the particular land-use change considered in the module. | Ecosystem services terminology not used, ecosystem services approach not defined. |
| **Evaluating an ecosystem services approach** | Clearly describes multiple advantages and disadvantages of ecosystem services approach, and evaluation of ecosystem services is clearly articulated and directly linked to the specific advantages and disadvantages described. | Only one advantage and/or disadvantage described, and/or evaluation of ecosystem services approach is not clearly articulated or is not linked to advantages and disadvantages. | Only one advantage and disadvantage described, and evaluation of ecosystem services approach is neither clearly articulated nor linked to advantage or disadvantage. |
| **Assessing how viewpoints affect perspectives/****understanding** | Clearly describes a significant difference between two viewpoints, and clearly articulates the reason(s) for that difference. | Difference between viewpoints is either not clearly described or not clearly differentiated, or the reason(s) for that difference is not well articulated. | Difference between viewpoints is not clearly described/differentiated, and the reason(s) for that difference is not articulated. |
| **Other** | High quality writing, good content organization | Writing and organization clear | Multiple grammatical or spelling errors, organization unclear |