Appendix C: Charge Questions Provided to Reviewers

CHARGE QUESTIONS FOR PEER REVIEW
LMOP LANDFILL GAS ENERGY COST MODEL VERSION 3.0 (LFGcost-Web V3.0)

A. Model Methods

1. Does LFGCost-Web include a reasonable range of energy recovery project types? Are there any other existing or emerging LFG utilization technologies that warrant consideration in future versions of the model?
2. Are the estimated costs reasonable for typical project types and sizes (emphasis on review of Collection and Flaring System (C&F) and Standard Reciprocating Engine-Generator Set (ENG) modules)?
3. Are default input parameters appropriate?
4. Are there any other aspects of the model that need to be changed or improved before using the results in project analysis or benefit cost analysis?

B. Model Functionality

1. Does the model provide a useful and sensible structure for estimating project-level costs?
2. Does the model itemize cost components and present them in the REPORT worksheet in an appropriate manner?
3. Are there any specific features that could be improved or added to the model to strengthen the usefulness of this tool?
4. Does the model conduct a reasonable level of error checking?

C. Documentation (User's Manual)

1. Does the User's Manual clearly explain how to use the model?
2. Does the documentation clearly explain the assumptions and methodology incorporated in the model?
3. Does the documentation clearly and appropriately explain the uncertainty, caveats, and limitations to consider when using the model? Please fully explain. What additional recommendations would you make to better address these factors?

D. Application of LFGcost-Web to regulatory benefit-cost analysis

1. Does the reviewer have any comments on EPA's approach of using cost equations derived from the model to estimate overall costs for the proposed regulations? Would you make any suggestions to improve this approach?
2. Are there any model implementation issues not addressed in the June 2015 memo that should be considered in when using LFGCost in regulatory benefit-cost analysis?
3. Are there other models that could be used in lieu of LFGCost-Web or could complement components of LFGCost-Web when calculating the regulatory costs of controlling LFG emissions from municipal solid waste landfills?