Choose the best answer.

1. Multiple Choice: \_\_\_\_\_ is the primary environmental concern in waters that   
receive stormwater containing deicers.

\_\_\_ A. Low dissolved oxygen

\_\_\_ B. Aquatic toxicity

\_\_\_ C. Increased salinity

\_\_\_ D. Reduced ice cover

2. Multiple Choice: The categories of BMPs available in the deicing runoff

management toolbox includes:

\_\_\_A. Treatment/Recycling

\_\_\_B. Source Reduction

\_\_\_C. Collection/Containment

\_\_\_D. all of the above

3. True / False: Urea is the most environmentally friendly airfield pavement deicing product available.

4. True / False: Foul odors can be produced when glycols break down in conditions

of low oxygen, such as in airport storm sewers.

5. True / False: Deicers are readily biodegradable and are a rich food source for

microorganisms in the environment.

6. True / False: Some certified aircraft and airfield deicing products have

no implications at all for environmental impact.

7. True / False: Blending to temperature has been found to reduce ADF usage by 30% or more over the course of a winter season.

8. Multiple Choice: Less than approximately \_\_\_ of applied ADF is potentially collectible,

even with the most aggressive efforts.

\_\_\_ A. 10%

\_\_\_ B. 25%

\_\_\_ C. 60%

\_\_\_ D. 80%

9. True / False: Environmental regulatory compliance requirements related to stormwater containing deicers are found in an airport’s NPDES stormwater discharge permit.

10. True / False: Roadway salt can be used for deicing airfield pavement if other deicers are not available.