

## CA DGS LEED BD&C v3.0 Session #3 – Water Efficiency & Innovation Sample Quiz

Dan Burgoyne Instructor – May 11, 2009

1. Select the referenced baseline standard referenced in WE Credit 3 Water Use Reduction (Choose one)
  - A. \_\_\_\_\_ ASHRAE Standard 62.1-2004
  - B. \_\_\_\_\_ Energy Policy Act (EPAAct) of 1992
  - C. \_\_\_\_\_ Clean Water Act
  - D. \_\_\_\_\_ USEPA 840B92002
  - E. \_\_\_\_\_ ASTM Standard E1980-01
  
2. Within the Water Efficiency category, which of the following sets of credits can be submitted during the design phase of the project? (Choose one.)
  - A. \_\_\_\_\_ WE Credit 1, Water Efficient Landscaping
  - B. \_\_\_\_\_ WE Credit 2, Innovative Wastewater Technologies
  - C. \_\_\_\_\_ WE Credit 3, Water Use Reduction
  - D. \_\_\_\_\_ WE Credit 2, Innovative Wastewater Technologies; WE Credit 3, Water Use Reduction
  - E. \_\_\_\_\_ WE Credit 1, Water Efficient Landscaping; WE Credit 2, Innovative Wastewater Technologies; WE Credit 3, Water Use Reduction
  
3. Which of the following fixtures are counted in the process of determining building water use, according to WE Credit 3, Water Use Reduction? (Choose 3.)
  - A. \_\_\_\_\_ Water Closets
  - B. \_\_\_\_\_ Sprinklers
  - C. \_\_\_\_\_ Kitchen sinks
  - D. \_\_\_\_\_ Dishwashers
  - E. \_\_\_\_\_ Showers
  
4. Which Water Efficiency credits are eligible for Innovation in Design points for exemplary performance? (Choose 1.)
  - A. \_\_\_\_\_ WE Credit 2, Innovative Wastewater Technologies
  - B. \_\_\_\_\_ WE Credit 3, Water Use Reduction
  - C. \_\_\_\_\_ WE Credit 2, Innovative Wastewater Technologies; WE Credit 3, Water Use Reduction
  - D. \_\_\_\_\_ WE Credit 1, Water Efficient Landscaping; WE Credit 2, Innovative Wastewater Technologies; WE Credit 3, Water Use Reduction
  
5. In order to attain WE Credit 2, Innovative Wastewater Technologies, which of the following requirements might be addressed? (Choose 2.)
  - A. \_\_\_\_\_ Treat and use or infiltrate 50% of wastewater to tertiary standards on-site
  - B. \_\_\_\_\_ Treat 50% of wastewater to tertiary standards through a local utility
  - C. \_\_\_\_\_ Reduce potable water use for building sewage conveyance by 40%
  - D. \_\_\_\_\_ Reduce potable water use for building sewage conveyance by 50%

6. What is the prerequisite reduction threshold for WEp1, Water Use Reduction? (Choose 3.)
- A. \_\_\_\_\_ Meet Energy Policy Act (EPA) of 1992
  - B. \_\_\_\_\_ 10% reduction
  - C. \_\_\_\_\_ 20% reduction
  - D. \_\_\_\_\_ 30% reduction
  - E. \_\_\_\_\_ 50% reduction of potable water use for irrigation
7. Which of the following are included as requirements of IDc3, The School as a Teaching Tool? (Choose 3.)
- A. \_\_\_\_\_ Must provide 20 or more hour of classroom instruction per year per full-time student
  - B. \_\_\_\_\_ Must meet local or state curriculum standards
  - C. \_\_\_\_\_ Interactive garden area
  - D. \_\_\_\_\_ Must include recycling program
  - E. \_\_\_\_\_ Describe features & relationships between human ecology, natural ecology & building
  - F. \_\_\_\_\_ Must be approved by school administrators
8. Which of the following statements correctly describe how to achieve an innovation credit for a category not addressed by LEED? (Choose 3.)
- A. \_\_\_\_\_ The innovation should utilize a standard not referenced by another LEED credit
  - B. \_\_\_\_\_ The innovation should address the entire project
  - C. \_\_\_\_\_ The innovation must include an education component
  - D. \_\_\_\_\_ The innovation should be applicable to other projects & not only be unique to this project
  - E. \_\_\_\_\_ The project should demonstrate quantitative environmental/performance benefits
9. Which of the following are required submittals to receive IDc2, LEED Accredited Professional? (Choose 3.)
- A. \_\_\_\_\_ LEED AP's name and company
  - B. \_\_\_\_\_ LEED AP certificate
  - C. \_\_\_\_\_ Brief resume for the LEED AP explaining qualifications
  - D. \_\_\_\_\_ List of credits for which the LEED AP assisted in gathering information
  - E. \_\_\_\_\_ Description of the LEED AP's role
10. In 2009, exam tracks will be offered for which of the following LEED products? (Choose 4.)
- A. \_\_\_\_\_ LEED for Existing Buildings
  - B. \_\_\_\_\_ LEED BD&C
  - C. \_\_\_\_\_ LEED for Core & Shell
  - D. \_\_\_\_\_ LEED ID&C
  - E. \_\_\_\_\_ LEED for Homes
  - F. \_\_\_\_\_ LEED O&M

## ANSWERS

1	B
2	E
3	ACE
4	C
5	AD
6	C
7	BEF
8	BDE
9	ABE
10	BDEF