

Stormwater BMP & LID Maintenance Proficiency Quiz

Staff Name:			
Position:			
Date:		Score	out of 7

Question 1:	What are the main principles associated with Low Impact Development (LID)? (Select all that apply)
A.	Treating stormwater as a resource and not a waste product.
B.	Minimizing hard or impervious surface areas.
C.	Demolishing old buildings and replacing them with more efficient buildings.
D.	Preserving and recreating natural landscape features.

Question 2:	What are some typical LID/Stormwater BMPs? (Select all that apply)
A.	Bioretention.
B.	Permeable pavement.
C.	Additional drain inlets in areas known to flood.
D.	Vegetative conveyances.

Question 3:	What makes bioretention features different from other common landscape features? (Select all that apply)
A.	They contain only native plants grown in local nurseries.
B.	They are below-grade landscape islands rather than above-grade features enclosed by curbs.
C.	They collect significant amounts of site drainage during rain events.
D.	They filter water through specialized sandy soil media below the surface of the feature.

Question 4:	How are today's LID/Stormwater BMPs different from traditional stormwater retention features? (Select all that apply)
A.	They are typically more integrated into and interspersed throughout a site.
B.	They must always be surrounded by protective fencing.
C.	They are designed to do more than simply retain water and prevent floods.
D.	They tend to be smaller features.

Question 5:	What are the key components to check when maintaining an LID/Stormwater BMP? (Select all that apply)
A.	The soil media performance (vegetation success, drainage, and de-watering.)
B.	The location where water flows into the BMP, or inflow.
C.	The overflow where water drains out of the BMP during large storms.
D.	The fencing that prevents access to the BMP.

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Question 6:	Can herbicides and pesticides be used in maintaining LID/Stormwater BMPs?
A.	Yes, as long as they are organic and natural.
B.	Yes, as long as they are only applied during the dry season.
C.	No, they cannot be used at any time of year.
D.	Yes, as long as they are applied at ½ the recommended application rate.

Question 7:	What is the correct process for maintaining mulch in LID/Stormwater BMPs?
A.	Rake up and remove the old mulch, replace with rock to the height of the overflow inlet.
B.	Rake up and remove old mulch, install 2-3" new triple shredded mulch, maintain 6" of ponding depth to the overflow inlet grate.
C.	Blow old mulch off surface with blower, replace with ground chips or bark mulch.
D.	Cover over old mulch with 6-12" of new mulch up to the base of the overflow inlet.