

LID and Stormwater BMP Construction Practices Proficiency Quiz

Key to Quiz Answers:

<p>Question 1: What are the main principles associated with Low Impact Development (LID)? (Select all that apply)</p>	<p>Answer: A, B, D A. Treating stormwater as a resource and not a waste product. B. Minimizing hard or impervious surface areas. D. Preserving and recreating natural landscape features.</p>
<p>Question 2: What are some typical LID/Stormwater BMPs ? (Select all that apply)</p>	<p>Answer: A, B, D A. Bioretention. B. Bioswales / Dry Swales. D. Vegetative conveyances.</p>
<p>Question 3: What are the first three steps in the LID/Stormwater BMP construction sequence? (Select three)</p>	<p>Answer: B, C, D B. Conduct underground utility location and mark-out. C. Stabilize the drainage area to the BMP. D. Install sediment and erosion control BMPs in the drainage area.</p>
<p>Question 4: What are the last three steps in the LID/Stormwater BMP construction sequence? (Select three)</p>	<p>Answer: A, C, D A. Ensure that all elevations for drains, inlets, and features are correct. C. Compact the site soils properly per plans. D. Install vegetation and mulch.</p>
<p>Question 5: Which of the following is NOT a best practice for excavator use when constructing an LID BMP?</p>	<p>Answer: B B. Build the LID BMPs as quickly as possible so that all excavator use happens in a short period of time.</p>
<p>Question 6: Stormwater/LID BMPs are typically located:</p>	<p>Answer: C C. Slightly below grade of the finished project to collect drainage.</p>
<p>Question 7: What material specifications should be checked onsite during Stormwater/LID BMP construction? (Select all that apply)</p>	<p>Answer: B, C, D B. Stone: check that it is washed and the correct size. C. Pipe: check that it is the correct material, diameter, and schedule. D. Soils: check that the soil, compost, and sand mix are correct.</p>
<p>Question 8: Which of the following is NOT a potential impact of incorrect elevations in constructed Stormwater/LID BMPs?</p>	<p>Answer: D D. Plants will grow too tall in the feature.</p>

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<p>Question 9: When applying mulch in a stormwater/LID BMP:</p>	<p>Answer: D D. Ensure that the correct ponding depth is maintained following the application of mulch.</p>
<p>Question 10: What are some of the benefits of Stormwater/LID BMPs? (Select all that apply)</p>	<p>Answer: A, B, C</p> <ul style="list-style-type: none">A. They can be used to prevent or mitigate localized flooding on an existing developed site.B. They capture pollutants from urban stormwater runoff before it reaches waterways.C. They can enhance site landscaping with minimal irrigation needs.