



Course Location:
AGC San Diego Training Center

6212 Ferris Square
San Diego, CA 92121
858-558-7444 | 858-731-8155 (Education Department)
www.agcsd.org

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Permanent Storm Water BMPs – Constructability

Course Description:

A overview on the construction of permanent storm water best management practices (BMPs) for MS4 permit compliance. Specifically focuses on the constructability of bioretention/biofiltration BMPs which collect, filter, and slowly release storm water runoff; including Design Details, Specifications, and Case Studies. Highlights lessons learned regarding the construction of the sub-surface components.

Learning Objectives/ Outcomes:

- Develop an understanding of the intent behind the requirements for water quality and water quantity (aka, Detention, Hydromodification Management, etc), regardless of jurisdiction, as well as identifying key terms/definitions.
- Highlight typical design concepts that are used for implementation of permanent storm water BMPs, including what they look like and design details for bioretention/biofiltration basins and permeable pavement.
- Identify common issues, pitfalls, and solutions related to the design, construction, and operation of these permanent storm water facilities. This will include construction specifications for bioretention/biofiltration facilities developed from a multi-discipline collaborative effort as a result of lessons learned.
- Present case studies involving implementation of LID utilizing in-the-ground examples of typical projects consisting of: a) buildings and surface parking, b) streetscape projects utilizing Green Street solutions, and c) others as applicable to the audience. Using actual projects to encourage discussion from the audience, participants will be able to visualize how these sustainable design practices can be successfully implemented into current and future projects.

Target Audience: QSDs, QSPs, contractors, engineers, landowners_

Facilitated by: Brendan Hastie, Rick Engineering Company, Water Resources Engineer; Sharon Liu, Rick Engineering Company, Water Resources Engineer; Patricia Truth, Rick Engineering Company, Landscape Architect; Carson Edgington, Rick Engineering Company, Civil Engineer.

Date: July 27, 2017

Time: 7:30 am - 8:30 am

Earn 1 PDU's for your continued education

Course Tuition: AGC Members \$50 | Non Members \$100

Registration: Online Registration Must be completed **WWW.AGCSD.ORG**

Cancellations and/or Changes Policy: Cancellation notification must be received in writing no later than three business days prior to the scheduled course date. Substitute registrants can be named at any time. A full refund - minus a 5% processing fee if paid by credit card - will be given if notification is received by AGC San Diego three business days prior to the course start date. If a cancellation is received within the three business day time frame, or if registrant(s) elects not to attend, attendee will forfeit the entire course fee. Those participants using AGC Journeyman Trust funds must adhere to the cancellation policy. If a late cancellation or NO SHOW occurs the participating COMPANY and not the AGC Apprenticeship Trust is liable for the tuition.

Payment: Payment can be made online by credit card or PayPal. Master Card, Visa, Discover and American Express are accepted. Checks to be made payable to AGC San Diego. Invoice option is only available for AGC San Diego Chapter members. Full course payment must accompany each registration for all attendees at least seven days prior to the course start date. Contact Inna Alizade in Accounting for payment confirmations, refunds or receipts. inna@agcsd.org