Construction BMP Training



Description

Training programs that address the proper installation and maintenance of construction best management practices (BMPs), along with State of Hawaii Department of Transportation, Highways Division's (DOT-HWYS) policies, rules, and procedures regarding construction storm water.

TRAINING OBJECTIVES

Provide the necessary information for personnel to identify potential pollutant sources on DOT-HWYS construction projects and implement practicable solutions.

SEE ALSO

- MS4 NPDES Permit No. HI S000001 (Oahu District)
- MS4 NPDES Permit No. HI15KE674 (Maui District)
- Hawaii Administrative Rules, Title 11, Chapter 55, and all appendices as applicable
- *2005 Hawaii Standard Specifications for Road and Bridge Construction*, Standard Specifications & Special Provisions Section 209
- *City & County of Honolulu Rules Relating to Water Quality*
- Stormwaterhawaii.com
- Stormwatermaui.com
- Youtube.com/user/stormwaterhawaii

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Applications

- Personnel with construction storm water responsibilities, including but not limited to designers, construction engineers, construction and maintenance inspectors, plan reviewers, contractors, and sub-contractors are responsible, as applicable, for the following:
  - Designing, installing, maintaining, and/or repairing storm water controls/BMPs (including pollution prevention measures).
  - Applying and storing chemicals.
  - Vehicle/equipment storage, maintenance, and refueling.
  - Conducting inspections.
  - Taking and documenting corrective actions.

Implementation Requirements

- Provide training to DOT-HWYS staff with construction storm water responsibilities, including construction engineers, construction and maintenance inspectors, and plan reviewers. Per MS4 NPDES Permit No. HI S000001, as in effect, training shall be specific to DOT-HWYS activities (including the proper installation and maintenance of accepted BMPs), policies, rules, and procedures.
- Provide relevant educational materials to project applicants, contractors, developers, property owners, and other responsible parties, per MS4 NPDES Permit No. HI S000001, as in effect.



Training should be specific to DOT-HWYS activities, policies, rules, and procedures.

- Provide construction BMP training to contractors and sub-contractors responsible for development of the *Storm Water Pollution Prevention Plan (SWPPP)* and implementation of site-specific BMPs on DOT-HWYS contract construction projects. The contractor shall keep training logs updated and readily available, per *2005 Hawaii Standard Specifications for Road and Bridge Construction*, Standard Specifications & Special Provisions Section 209.03(G*),* as in effect.
  - Prior to commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first, at a minimum, personnel must be trained to understand the scope of their job duties, as applicable, as follows:
    - Location of all storm water controls on the site, and how they are to be maintained.

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Implementation Requirements *(continued)*

  - Proper procedures to follow with respect to the project's pollution prevention requirements.
  - When and how to conduct inspections, record applicable findings, and take corrective actions.
- Provide storm water training through field office trainings, product demonstrations, an annual storm water conference, videos, newsletters, and/or field demonstrations.



Product demonstrations provide hands-on training opportunities for BMP installation.

Considerations

- Availability of personnel with storm water responsibilities to attend trainings.
- Motivation and incentive for personnel to learn about erosion and sediment controls.

Training Frequency

- DOT-HWYS provides annual training to staff with construction storm water responsibilities.
- When needed, as new technology, permits, and regulations are created.
- Prior to the commencement of earth-disturbing activities or pollutant-generating activities.
- Provide training to new hires prior to them performing responsibilities related to compliance with applicable permits.
- Site-specific training may be necessary for new construction projects.