Stormwater Management Program

SCEE BMPS

(Stabilized Construction Entrance / Exit)

BMPs - Best Management Practices - procedures &/or routines incorporated into daily construction related activities to protect the environment & water quality.

SCEE Purpose to reduce dust & eliminate the tracking of sediment onto public / private right-of-ways & streets.

Common Applications

- Where dirt or mud can be tracked onto public or private roads.
- Adjacent to water bodies.
- Where poor soils are encountered.
- Where dust is a problem during dry weather conditions.
- Required on all sites where grading or grubbing activity will occur & vehicles will actively enter & exit the site prior to the installation of permanently paved access point.

Recommendations

- Limit points of entrance/exit to site,
- Limit vehicle speed on site to 5 mph,
- Properly grade each entrance/exit to prevent runoff from leaving site,
- Route water runoff from SCEE through sediment-trapping device before discharge.
- Design SCEE to support heaviest vehicles & equipment that will use it.
- **Never** enter or exit a site at a location that is not equipped with a SCEE.

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Installation Standards & Tips:

1. Select access stabilization (*i.e. shaker plates*) based on longevity, required performance, & site conditions,
2. Standard dimensions: 12' wide x 50' in length; however, adjustments maybe authorized to accommodate site constraints,
3. SCEE excavate out to 18" deep. Install non-woven geo-textile fabric. Next install crushed gravel (*1 ½" – 3" size*) to 12" deep, with a top coat of 3" – 6" size aggregate at least 6" deep,
   🚫The use of asphalt/concrete grindings for SCEE is not allowed.
4. The use of constructed / manufactured steel plates (*shaker plates*) is allowed with prior City approval,
5. Fence site to reduce or eliminate chance of visitors from entering & leaving site outside of the SCEE,
6. Designate combination or single purpose SCEE to the site,
7. Routine Street Sweeping & Vacuuming must also be employed,
8. Require employees, subcontractors, & suppliers to utilize SCEE,
9. Post sign at all designated SCEEs,
10. SCEE install & maintain per ASTM, CASQA, Caltrans, Fish & Wildlife &/or industry standards.

Inspect weekly, before predicted storm event, during prolonged storm events when safe & right after event.

Maintain

- Inspect for damage & repair as needed within 24-hours.
- Add additional rip-rap when impacted with soil / sediment &/or debris.

Clean Devices daily during the rainy season & as needed during the dry season.

Repair or Replace as Necessary

Document all routine: inspections, cleanings, maintenance activities & all necessary repairs &/or replacements performed in a log.

More info - (831) 884-1212
www.ci.marina.ca.us

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