

CHEAT SHEET

SSp1: Construction Activity Pollution Prevention

This is the only LEED construction-related prerequisite. You have to achieve this or your project cannot earn certification; it's required on all LEED projects.



Planning

The civil engineer should provide a plan that either meets the EPA CGP or the local standard, whichever is more stringent.

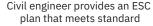


Implementation

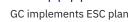
Implement the Best Management Practices (BMPs) from the ESC plan and have the design engineer sign-off on them.











Best Management Practices (BMPs)

- Check Dam
- · Compost Blanket/Berm
- · Concrete Washout Area
- Construction Exit
- · Construction Waste/Litter
- · CTV with Wheel Wash
- Dewatering
- · Drill Seeding/Crimp Mulching
- Reinforced Rock Berm
- Sediment Basin
- Sediment Control Log
- Sediment Trap

- Erosion Control Blanket
- · Temporary Slope Drain
- · Temporary Stream Crossing
- · Limits of Construction
- Petroleum
- Inlet Protection
- Terracing
- · Vehicle Tracking Control
- Silt Fence
- Stabilized Staging Area
- Surface Roughening
- Temporary Diversion Dike

These BMPs are listed in Green Badger as ESC measures when creating an ESC report in our mobile or desktop app.

You're probably better off using LEED v4 for this credit.

Don't forget dust control! USGBC asks about this (temporary seeding/mulching, or watering).

RESOURCE

Click here to read our ebook on construction activity pollution prevention



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Inspection



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Inspect measures at least monthly; after rain events.



Compile inspection reports for easy reference.



Fix deficiencies ASAP; do corrective action reports to confirm.



Submittals

Submit a sample of your ESC inspections for your LEED documentation review to GBCI.



If a sub is performing inspections, make sure to keep them filed digitally. Handwritten checklists sitting in a binder might meet local requirements, but won't help from a LEED perspective.

We recommend submitting 3 ESC reports:



- 1. Early in construction
- 2. Middle of construction
- 3. Close to the end of construction

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