

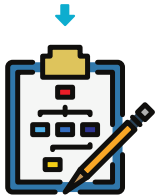
This is the only LEED construction-related prerequisite. **You have to achieve this or your project cannot earn certification**; it's required on all LEED projects.

1. Planning

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



Civil engineer provides an ESC plan that meets standard



GC implements ESC plan

2. 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
- Erosion Control Blanket
- Inlet Protection
- Limits of Construction
- Petroleum
- Reinforced Rock Berm
- Sediment Basin
- Sediment Control Log
- Sediment Trap
- Silt Fence
- Stabilized Staging Area
- Surface Roughening
- Temporary Diversion Dike
- Temporary Slope Drain
- Temporary Stream Crossing
- Terracing
- Vehicle Tracking Control

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

3. Inspection



Inspect measures at least monthly; after rain events.



Compile inspection reports for easy reference.



Fix deficiencies ASAP; do corrective action reports to confirm.



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.



4. Submittals

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

We recommend submitting 3 ESC reports:

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

Badger Tips

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).