



**LEED®IMPLEMENTATION GUIDE
FOR CONSTRUCTION PROFESSIONALS**

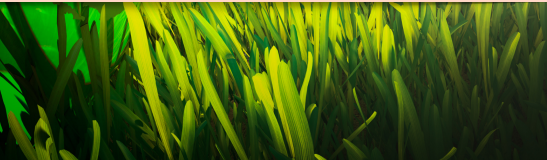
KRISHNAJI PAWAR,LEED AP BD+C,GSAS CGP,ISO 14001:2015,GCP
SUSTAINABILITY SPECIALIST ONLINE CURRICULUM COURSE





EROSION AND SEDIMENTATION CONTROL PLAN

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LEARNING OBJECTIVES



Details and Descriptions ESC Plan

Construction Activity Pollution Prevention

Contractor Overview - Construction Activity Pollution Prevention

Contractor Best Practices - Construction Activity Pollution Prevention

Erosion and Sedimentation Control Plan Sample

CONTRACTOR -OVERVIEW

- ☑ The contractor has a direct impact on this prerequisite to ensure a project reduces pollution from construction activities by controlling soil erosion, waterway sedimentation, and airborne dust. The entire LEED certification can be void if this prerequisite is not met in the field.
- ☑ The civil engineer is typically responsible for developing an erosion and sedimentation control (ESC) plan, either as a separate plan or to be included in the civil drawings, but in some cases, the contractor will undertake the plan's development.
- ☑ The establishment and maintenance of ESC measures are the responsibility of the contractor.
- ☑ The ESC plan that is included in the LEED submittal should be implemented for the entire LEED boundary for the entire project scope without any gaps or lapses in its implementation.



CONTRACTOR - BEST PRACTICES

- ☑ Establish control measures before construction begins. During this period, walk the site with the ESC plan to ensure the site conditions match the ESC plan.
- ☑ Implement the erosion and sedimentation control (ESC) plan. Implement additional measures as needed based on site conditions and as construction progresses.
- ☑ Save all documentation generated for the prerequisite certification submittal.
- ☑ Record inspections regularly via date-stamped photographs, inspection reports, or other recording processes.
- ☑ Use reclaimed water for dust control.
- ☑ Ensure that all subcontractors promptly notify the responsible party if they see damage to an ESC measure. Any problems identified in site inspections should be resolved in a timely manner.



SAMPLE EROSION AND SEDIMENTATION PLAN

EROSION AND SEDIMENTATION CONTROL PLAN

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EROSION AND SEDIMENTATION CONTROL PLAN

1.0 GENERAL OVERVIEW

1.1 INTENT

The intent of this Erosion and Sedimentation Control Plan (ESCP) is to provide a comprehensive plan for the construction of the project that will ensure the protection of the environment and the safety of the public. This plan is intended to be used as a guide for the construction of the project and to ensure that the project is completed in a timely and efficient manner.

1.2 ESC PLAN OBJECTIVES

The purpose of this Erosion and Sedimentation Control Plan (ESCP) is to provide a comprehensive plan for the construction of the project that will ensure the protection of the environment and the safety of the public. This plan is intended to be used as a guide for the construction of the project and to ensure that the project is completed in a timely and efficient manner.

1.3 LEGISLATION AND STANDARD SECTION

1.3.1 ESC Standard Selection

The purpose of this Erosion and Sedimentation Control Plan (ESCP) is to provide a comprehensive plan for the construction of the project that will ensure the protection of the environment and the safety of the public. This plan is intended to be used as a guide for the construction of the project and to ensure that the project is completed in a timely and efficient manner.

2.0 Site Evaluation, Assessment, and Planning

2.1 CONTACT INFORMATION/RESPONSIBLE PARTIES

2.1.1 Project Management/Responsible Parties

• Company or Organization Name: ABC

• Name: John Doe

• Address: 123 Main Street