

Environmental oversight during construction is key to protecting natural resources and minimizing project risks.

Ensuring Environmental Compliance in Construction: A Comprehensive Monitoring Approach



Intro

Ensuring environmental compliance during the construction phase of renewable energy projects is just as crucial as the due diligence conducted in the development and post-construction stages. Proactive monitoring not only minimizes environmental impacts but also ensures regulatory adherence and promotes sustainable project outcomes.

Methods

- 1. Develop an Environmental Management Plan (EMP)
- 2. Foster environmental awareness among workers
- 3. Conduct recurring monitoring

Results

- Reduced risk of project delays/costs
- Minimized environmental impact
- Early issue detection and resolution

Discussion

- Proactive monitoring is crucial to upholding project integrity
- The upfront cost of monitoring outweighs potential legal penalties, project delays, and reputational damage



Silt fence surrounding a wetland on an active solar construction site in Texas. Construction monitors play a vital role in identifying BMP deficiencies and mitigating environmental impacts in real time, helping to protect sensitive ecosystems like wetlands.

wood.

Construction Monitoring Form

General Information	
Project Name:	
Date(s) of Inspection:	Location:
Inspector Name:	Start time:
Inspector Title:	End time:
Construction Phase/Activities:	
Inspection	
Stormwater	
Observation summary:	
Concerns identified? <input type="checkbox"/> Yes <input type="checkbox"/> No	Location (coordinates):
Recommended Corrective Actions:	
Wetlands/Aquatic Resources	
Observation summary:	



Wildlife species observed on active solar construction sites in Texas. Environmental monitors play a crucial role in identifying wildlife on construction sites, providing guidance to personnel, and recommending strategies to minimize impacts to wildlife.

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Let’s connect!

