



BMP Implementation & Regulation in Guam

To protect the environment and fulfill your responsibilities, it is important to understand why ESC is a critical part of the construction process.



Overview



- Common BMP Implementation Breakdowns
- Lessons from Tsubaki Tower
- Strengthening Enforcement & Oversight
- Interagency Workflows to Protect Water Quality

Common BMP Implementation Breakdowns



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“Even the best-designed BMPs fail when their field execution is delayed, undocumented, or disconnected from site realities.”

- Inadequate site planning or erosion control
- Poor contractor ESC training and oversight
- Delayed BMP installation and maintenance
- Improper Installation of BMPs
- Maintenance & Monitoring Deficiencies



Good BMP Practices



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“Effective BMPs aren’t just installed—they’re understood, maintained, and adapted to the land they protect.”



Lessons Learned



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Case Study: Tsubaki Tower

- Improper E&SC Installation
- Poor contractor ESC training and oversight
- Delayed BMP installation and maintenance
- Sediment Discharge
- Missing BMPs
- Poor Inlet Protection



Strengthening Enforcement & Oversight



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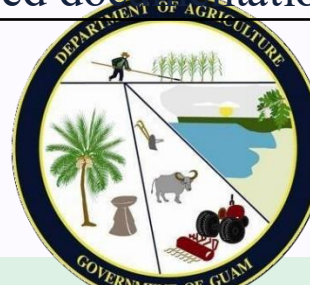
- Increase field staff and inspection frequency
- Standardize permit conditions across agencies
- Implement escalation protocols for non-compliance
- Adopt digital tracking and real-time reporting tool
- Inter-Agency Coordination
- Community Stewardship

Interagency Workflows to Prevent Water Quality Degradation

Workflow Element	Improvement Strategy
Permit Coordination	Centralized digital platform for permit tracking and interagency sign-off
Inspection Protocols	Joint inspection teams with shared checklists and real-time reporting
Data Sharing	GIS overlays showing BMP locations, sensitive habitats, and inspection history
Public Engagement	Hotline or app for reporting runoff, sediment plumes, or BMP failures
Training & Capacity Building	Cross-agency BMP workshops and field demonstrations
Enforcement & Follow-Up	Coordinated enforcement actions with shared documentation and timelines



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Questions?



Protecting our environment isn't just the job of regulators—it takes a community. When residents, agencies, and stakeholders do their part, we build a culture of accountability and shared responsibility that safeguards Guam's natural resources."



For more information:



Please contact the Guam EPA at 671-588-4751

Thank You...