

ANNEX D
EROSION AND SEDIMENT CONTROL –
INSPECTION AND MAINTENANCE OF BMPs
- REVIEW CHECKLIST

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MAINTENANCE OF BMPs - REVIEW CHECKLIST

APPENDIX D: MAINTENANCE CHECK SHEETS

INSPECTION CHECK SHEET

Sheet ___ of ___

GENERAL INFORMATIONS

Project Name: _____ File No. _____

Developer Name: _____ Contractor Onsite: _____

Inspection Date: _____ Time: _____ Weather: _____ mm of Rain Last Week: _____

Inspection Type: { } Routine Weekly { } Pre-Rain { } During Rain { } Post Rain

STAGE OF CONSTRUCTION

{ } Pre-Construction Conference; { } Clearing and Grubbing; { } Rough Grading;
{ } Finish Grading; { } Building Construction; { } Final Stabilization;

INSPECTION CHECKLIST

Yes No NA (Not Applicable)

Part 1: Inspection on Erosion Controls Measures

- { } { } { } Is the clearing of the construction area carried out in phases?
- { } { } { } Are the areas which designated to be preserve of the existing vegetation intact is not disturbed?
- { } { } { } Are all erosion control devices in-place and functioning in accordance with the erosion control plan?
- { } { } { } Are all temporary stockpiles or construction material located in approved areas and protected from erosion?
- { } { } { } Are soil stockpiles adequately stabilized with seeding and/or sediment trapping measures?
- { } { } { } Have all denuded areas requiring temporary or permanent stabilization been stabilized?
Seeded? yes/no Mulched? yes/no Gravelled? yes/no
- { } { } { } Does permanent vegetation provide adequate stabilization?
- { } { } { } Are all exposed slopes protected from erosion through the implementation of acceptable soil stabilization practices?
- { } { } { } Are finished cut and fill slopes adequately stabilized?
- { } { } { } Is there any evidence of erosion of cut or fill slope?

Part 2: Inspection on Sediment Controls Measures

- { } { } { } Have sediment-trapping facilities been constructed as a first step in stripping and grading?
- { } { } { } For perimeter sediment trapping measures, are earthen structures stabilized?
- { } { } { } Are sediment basins, sediment traps, sediment fence/barriers and check dam/rock weir installed where needed as per ESC Plan?
- { } { } { } Are sediment basins, sediment traps, sediment fence/barriers and check dam/rock weir properly maintained, repairs and sediment was regularly removed and clean as per ESC Plan maintenance schedule?
- { } { } { } Are sediment controls in place at site perimeter and storm drains inlets?
- { } { } { } Is the water from the construction site adequately prevented from directly entering the permanent drainage system unless it is relatively sediment free (i.e. the catchment area has been permanently landscaped and/or any likely sediment has been treated)?

SOIL EROSION & SEDIMENT CONTROL REGULATIONS

- { } { } { } Are the sediment controls measure onsite adequately installed and the sediment are effectively treated from the stormwater runoff from the construction site?
- { } { } { } Is there any evidence that the sediment is leaving the construction site without adequately treated?

Part 3: Inspection on Conveyances and Flows Controls Measures

- { } { } { } Are on-site channels, inlet and outlet are adequately stabilized and protected?
- { } { } { } Do all operational storm drainage inlets have adequate inlet protection?
- { } { } { } Are stormwater conveyance channels adequately stabilized, protected and lined with suitable material at badly eroded stretches?
- { } { } { } Are stormwater conveyance channels, culvert, conduit, roadside ditches, toe of slopes etc. adequately stabilized and with proper inlet/outlet protection and energy dissipater?
- { } { } { } Are the outlet of sediment basins and sediment traps are adequately stabilized with proper outlet protection and energy dissipater?
- { } { } { } Are adequate check dam/rock weir or any others energy dissipater method which are used to reduce the erosive effects of flows velocity in the stormwater conveyance channels
- { } { } { } Are temporary stream crossings of non-erodible material installed where applicable?
- { } { } { } Are the stormwater conveyance channels, the riprap, check dam, rock weir, stream crossing, etc. properly maintained, repairs and deposited sediment was regularly removed and clean as per ESC Plan maintenance schedule?

Part 4: Others

- { } { } { } Are properties and waterways downstream from development adequately protected from erosion and sediment deposition due to increases in peak stormwater runoff?
- { } { } { } Are soil and mud kept off public roadways at intersections with site access roads?
- { } { } { } Are utility trenches stabilized properly?
- { } { } { } Is there any self-auditing of ESCP was carried out onsite (based on onsite records of inspection check sheets and inspection log book)
- { } { } { } Have all temporary control structures that are no longer needed been removed?
- { } { } { } Do any structural BMPs practices require repair or clean-out to maintain adequate function? If yes, indicate in details.

- { } { } { } Does the ESCP require revisions? If yes, explain:

Comments:

Inspected by: _____ Developer's Representative: _____

Position: _____ Position: _____

Signature: _____ Signature: _____

SOIL EROSION & SEDIMENT CONTROL REGULATIONS

EROSION AND SEDIMENT INSPECTION LOG

Site: _____ Contractors on Site: _____
 Heavy Equipment on Site: _____ Activities on Site: _____
 Date: _____ Weather: _____ mm of rain in last week: _____

Note condition of the following measures and sediment levels where applicable:

MEASURE	CONDITION/LOCATION	SEDIMENT LEVEL	ACTION REQUIRED YES/NO	TYPE OF ACTION	ACTION COMPLETED (DATE)	INITIALS
Silt fences						
Temporary Storage Facilities						
Outlet of Temporary Storage Facilities						
Interceptor Swales						
Steeper Slopes						
Cover of Rough Grades						
Catchbasins Filtering Controls						
Dust Control						
Mud Tracking						
Debris Control						

Other Comments (Summarize):

Inspectors Signature: _____ **Inspectors Name** _____



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PERCETAKAN NASIONAL MALAYSIA BERHAD
KUALA LUMPUR, 2008
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