

Soil & Erosion Control Measures Checklist

Forestry & Environmental Project

SOIL & EROSION CONTROL MEASURES – HIGH PRIORITY

Soil erosion-prone areas are identified and mapped.

☐ Yes☐ No☐ NA

Contour trenches or bunds are constructed on slopes.

☐ Yes☐ No☐ NA

Check dams / gabions are installed in drainage channels.

☐ Yes☐ No☐ NA

Mulching is used to retain soil moisture and prevent erosion.

☐ Yes☐ No☐ NA

Terracing is used where slopes are steep and erosion risk is high.

☐ Yes☐ No☐ NA

Vegetative cover is maintained to stabilize soil.

☐ Yes☐ No☐ NA

Surface runoff channels are directed safely away from erosion-prone zones.

☐ Yes☐ No☐ NA

Rainwater harvesting structures are in place.

☐ Yes☐ No☐ NA

Soil compaction is minimized in plantation and work zones.

☐ Yes☐ No☐ NA

Soil nutrient levels are monitored periodically.

☐ Yes☐ No☐ NA

Organic matter (compost, humus) is added to improve soil structure.

☐ Yes☐ No☐ NA

Use of chemical fertilizers is minimized and controlled.

☐ Yes☐ No☐ NA

Grazing is regulated to prevent soil disturbance.

☐ Yes☐ No☐ NA

Exposed soil is covered through vegetation or protective measures.

☐ Yes☐ No☐ NA

Silt fences or erosion control nets are installed where necessary.

☐ Yes☐ No☐ NA

Drainage systems are free from blockages and maintained.

☐ Yes☐ No☐ NA

Roads and tracks are aligned to minimize slope erosion.

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Yes

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No

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NA

Heavy vehicles operate only in designated movement corridors.

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Yes

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No

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NA

Land preparation avoids excessive leveling or soil removal.

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Yes

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No

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NA

Slope stability is monitored after heavy rain events.

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Yes

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No

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NA

Soil restoration measures are used after harvesting or construction.

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Yes

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No

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NA

Natural vegetation barriers are maintained near water bodies.

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Yes

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No

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NA

Community awareness programs address soil conservation.

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Yes

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No

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NA

Sedimentation in water bodies is monitored and controlled.

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Yes

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No

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NA

No unauthorized land clearing or plowing is taking place.

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Yes

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No

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NA

Stormwater diversion systems are installed and functional.

Yes

No

NA

Erosion control records and inspection logs are maintained.

Yes

No

NA

Soil quality improvements align with long-term land restoration goals.

Yes

No

NA

Regular inspections are conducted during monsoon and flood seasons.

Yes

No

NA

Overall soil conservation measures comply with environmental regulations.

Yes

No

NA