

Sediment control – regulations & tools for the community

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Motueka Catchment Collective community event
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Thriving and resilient Tasman communities

 **tasman** district council | Te Kaunihera o **te tai o Aorere**

Sediment control – national regulations

- Resource Management Act 1991
- National Policy Statement for Freshwater Management 2020
- NZ Coastal Policy Statement 2010
- National Environmental Standards for Commercial Forestry 2017
- National Environmental Standards for Freshwater 2020
- Freshwater Farm Plan Regulations 2023
- Water Conservation (Motueka River) Order 2004

Sediment control – Tasman regulations

[Tasman Resource Management Plan \(TRMP\)](#) – sets out objectives, policies, rules and other methods of implementation to address key issues for the Tasman District

Chapter 18.5.2 – Land Disturbance Area 1

All Land Disturbance:

Rule 18.5.2.1 – Permitted Activities

- All disturbed vegetation, soil, debris deposited so doesn't result in diversion, damming, erosion of bed
- Bare ground protected from soil erosion by revegetation
- Root raking and blading only permitted on slopes less than 25 degrees
- No destruction to soil conservation vegetation or earthworks
- Complies with discharges to water rules →
- etc.

Chapter 36 – Discharges to water

Rule 36.2.2.3 – Discharge of sediment or debris from land disturbance activities:

- Does not cause diverting, damming, erosion of bed, change to habitat through sedimentation
- Soil or debris not placed directly into water body or coastal marine area
- Visual clarity downstream effects

Rule 36.2.2.6 – Discharge of vegetation:

- No diverting, damming, erosion of bed, habitat change
- Dissolved oxygen content downstream effects
- etc.

Sediment control – Tasman regulations

Tasman Resource Management Plan (TRMP) – sets out objectives, policies, rules and other methods of implementation to address key issues for the Tasman District

Chapter 18.5.2 – Land Disturbance Area 1

Rule 18.5.2.1 – PA continued

- Destruction or removal of vegetation – various setbacks from waterbodies; NES-CF regs. prevail
- Earthworks if more than 1 hectare, over 1 m height or depth within any 12-month period
- Soil/debris disturbance – setbacks wrt slope
- Quarrying if less than 50 cubic metres over 12-month period
- Cultivation if predominantly on the contour
- Road, Track, Landing, etc. – cut-offs, culverts, cut batters, fill batters, spoil...
- etc.

Chapter 18.5.3 – Land Disturbance Area 2 (Separation Point Granite*)

Rule 18.5.3 – Permitted Activities for vegetation removal, soil disturbance or earthworks

- Veg. removal if by hand or chemical; by fire if less than 20 degree slope
- If by cultivation, roller crushing, slash raking or cable hauling
- Root raking and blading only permitted on slopes less than 15 degrees
- To form a road, track, landing, subdivision site, etc., cut batter average height/depth less than 0.5 metres
- etc.

*Note: TRMP rules may be “more stringent” than NES-CF 2017 regulations wrt NPSFM, NZCPS, SPG, karst geology

Sensitive geologies

Separation Point Granite (currently LDA2)

- highly erodible and high volume of material can clog waterways

Moutere Gravel & Richmond Hills

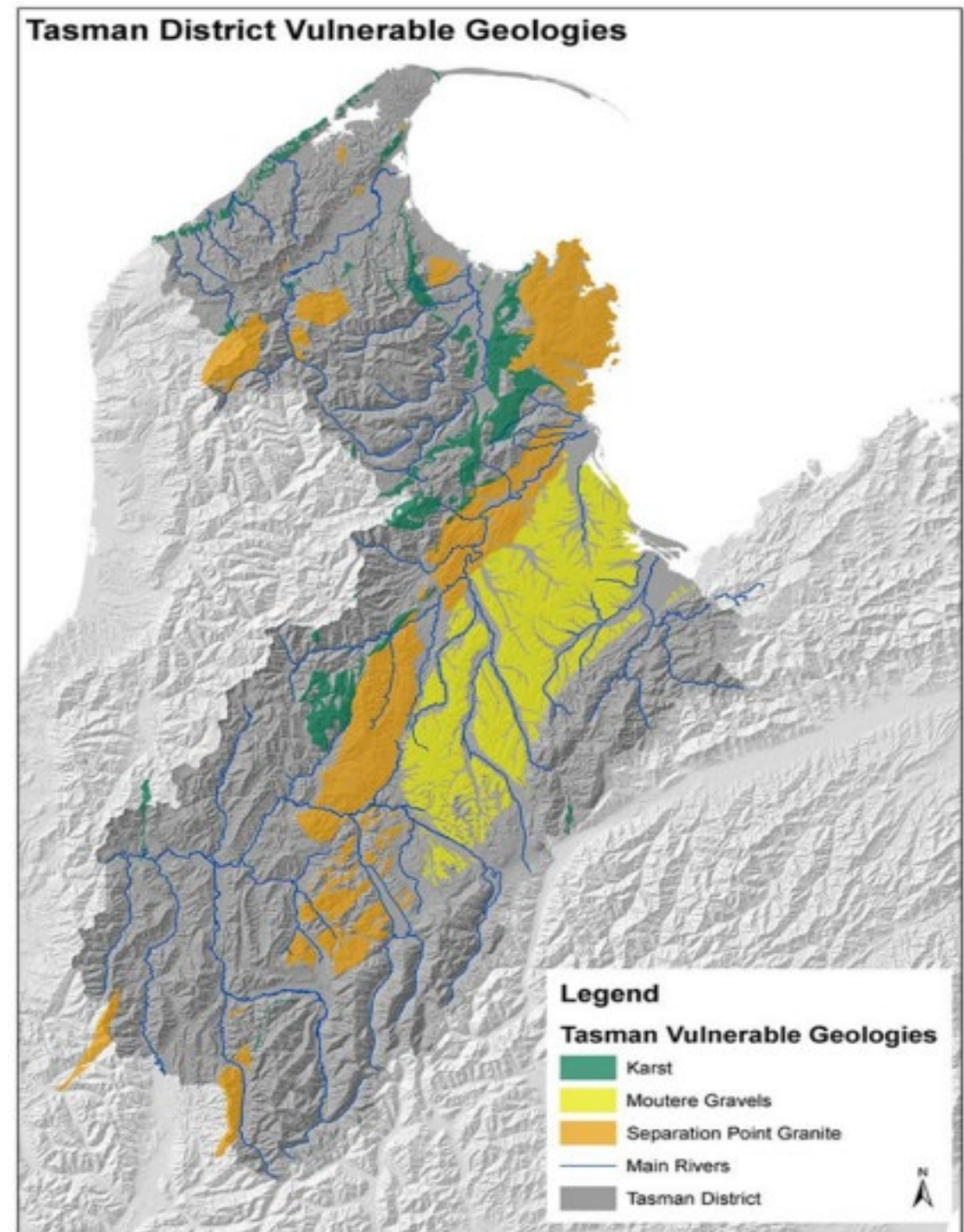
- fine clays smother habitats and, once suspended, ends up in estuaries and the coast

Karst geology

- sediment entry into sinkholes, subsurface streams and caves may affect drainage, habitat and water quality – including nitrates from organic matter

Aquifer-bearing geologies

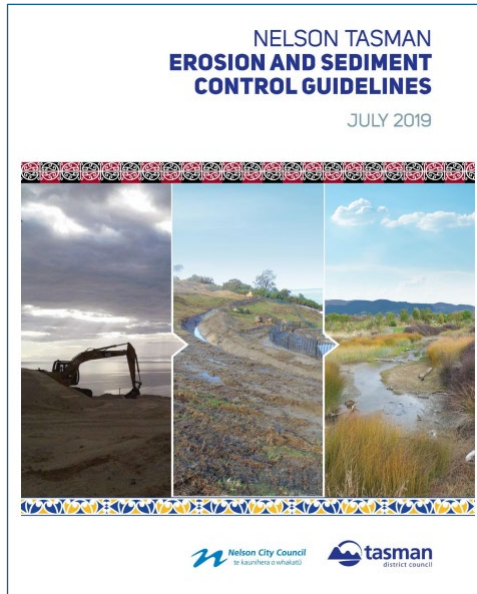
- shallow unconfined aquifers at risk of pollution when land disturbance exposes the water table



Key sources & good practice responses

urban

Nelson Tasman
Erosion & Sediment
Control Guidelines



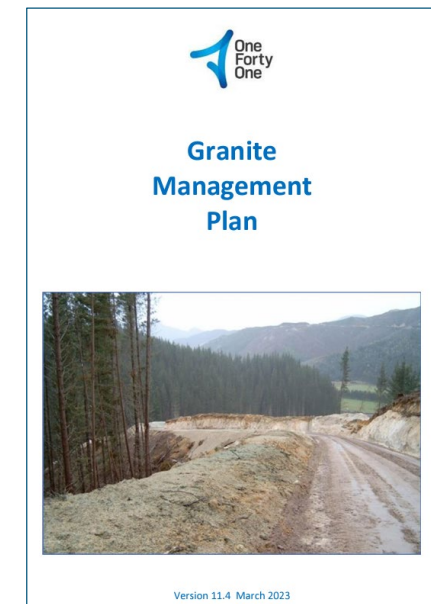
rural

Farm Plans,
Industry guidelines



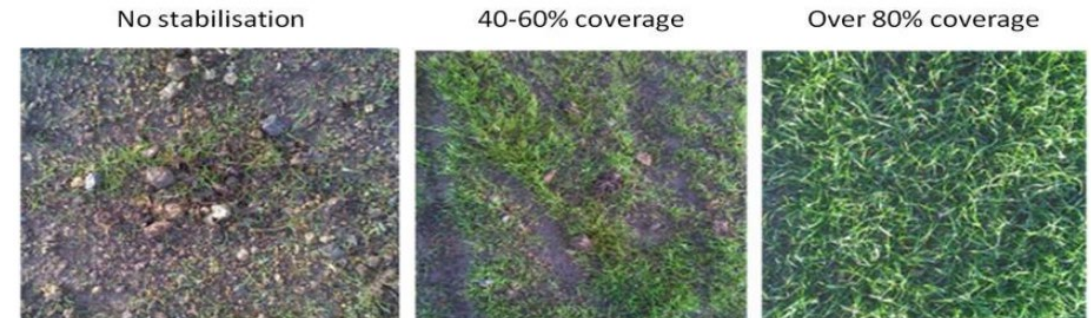
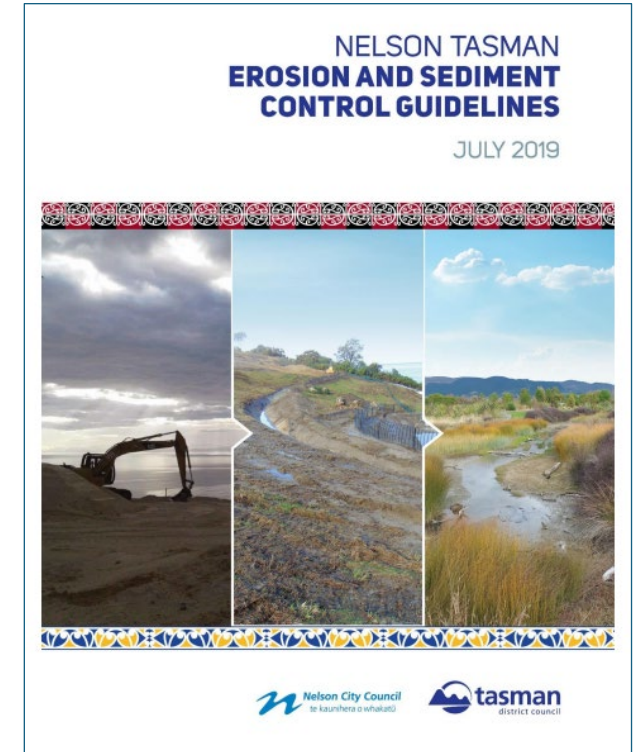
forestry

NES-CF, MPI guides,
Granite Mgmt. Plan



Fundamentals of good practice

- Minimising size of bare area and length of time exposed
- Area of undisturbed vegetated area next to streams to reduce sediment runoff
- Using erosion and sediment controls until permanently stabilised
 - Sediment retention methods for fine clay & silt
- Undertaking stabilisation:
 - temporary (asap)
 - permanent (within 12 months)



Grass strike densities – percent coverage

Tools and where to access information

Tasman District Council resources:

- Erosion and Sediment Control Guidelines: [Land disturbance, erosion and sediment control | Tasman District Council](#)
- Tasman nursery – planting for erosion control: [Planting for erosion control | Tasman District Council](#)
- Land and Freshwater Plan Change – register to receive newsletter (Shape Tasman): [Let's talk, Tasman | Shape Tasman](#) + email: freshwater.plan@tasman.govt.nz
- Talk to a duty planner: [Call 03 543 8400](tel:035438400)