



WINTER PERIOD IN NEW ZEALAND

Typically 1 May – 31 August
(or as per site conditions)



GD05 WINTER WORKS PRINCIPLE

Keep clean water clean
and minimise the area
of exposed soil.



**GOOD PLANNING
GOOD CONTROLS
GOOD OUTCOMES**



1. PLANNING & PROGRAMMING

- ☐ Minimise open earthworks areas
- ☐ Stage works where possible
- ☐ Stabilise completed areas early
- ☐ Ensure ESC measures are installed before earthworks start
- ☐ Review weather forecasts and plan accordingly



2. SITE WATER MANAGEMENT

- ☐ Clean water diversions operational
- ☐ Dirty water controls operational
- ☐ No bypassing around controls
- ☐ Culverts and channels clear and free flowing
- ☐ Outlets and discharge points stable and protected



3. SEDIMENT RETENTION PONDS

- ☐ Pond volume maintained
- ☐ Decants operational and protected
- ☐ Spillway inspected and stable
- ☐ Forebay cleaned out
- ☐ Sediment levels below cleanout trigger
- ☐ Emergency spillway clear and free of obstructions



4. EROSION & SEDIMENT CONTROLS

- ☐ Silt fences, super silt fences and bunds intact and well anchored
- ☐ No undercutting, overtopping or bypasses
- ☐ Check and repair after rain events
- ☐ Stabilise batter slopes and disturbed areas
- ☐ Stockpile locations stabilised and contained



5. COMPLIANCE READINESS

- ☐ ESCP (Erosion and Sediment Control Plan) available on site
- ☐ Inspection records up to date
- ☐ Rainfall records maintained
- ☐ Corrective actions documented and completed
- ☐ Staff inducted and aware of winter procedures



6. PLANT, ACCESS & MATERIALS

- ☐ Access tracks formed and stable
- ☐ Mud tracking controls in place and maintained
- ☐ Washdown areas bunded and working
- ☐ Materials and fuel stored securely and protected
- ☐ Spare materials on site for repairs (silt fence, mesh, rock, coir logs, etc.)



WHY WINTER WORKS MATTER

During the wet season, the risk of erosion and sediment discharges increases significantly.

Following GD05 good practice helps you:

- ✓ Minimise exposed earthworks.
- ✓ Stabilise disturbed areas as soon as practical.
- ✓ Maintain and inspect controls frequently.
- ✓ Manage clean water separately from dirty water.
- ✓ Construct controls before earthworks commence.
- ✓ Take all practicable steps to prevent sediment discharges to waterways.



TOP 5 WINTER FAILURES WE SEE

- 1 Pond storage lost due to sediment build-up
- 2 Blocked decants causing elevated pond levels
- 3 Spillway erosion during large storm events
- 4 Clean water entering dirty water systems
- 5 Damaged silt fences allowing bypass flows



KEY WINTER INFORMATION

- Implement your ESCP and follow it.
- Inspect more frequently (especially after rain >10mm).
- Maintain controls to ensure they are effective.
- Keep accurate records of inspections, rainfall and maintenance.
- Take action immediately if controls are not working.
- You may be audited at any time.



More info: www.escs.co.nz

Search: GD05 or "erosion and sediment control"



**WINTER DOESN'T
CAUSE FAILURES.
POOR PREPARATION DOES.**

Since 2014 ESCS has helped contractors across New Zealand prepare sites for winter and maintain compliance through the wettest months of the year.

