



CASE STUDY:
SEDIMENT, EROSION & SAFETY CONTROL

**Donegal Stud Subdivision
Stages 9 & 11**

**FLAT BUSH, MANUKAU, AUCKLAND
JANUARY 2017
CLIENT: HEB CONSTRUCTION**

**SEDIMENT, EROSION &
SAFETY CONTROL**

Erosion and sediment control guidelines were developed to assist roading practitioners with the selection and design of erosion and sediment control practices.

The accompanying inspection sheets are designed to provide guidance on how to implement erosion and sediment control practices on the ground.

[Read the Erosion and sediment control guideline and inspection sheets](#)

Geofabrics New Zealand Ltd can supply your site with a complete package of products for all its Sediment, Erosion and Safety Control needs.

Safety Control

Our safety fence is used in and around areas under construction and work sites.

Highly visible orange barrier fence - strong, robust and UV stabilised, this extruded plastic mesh comes in handy to use 0.9m high x 30m long rolls. Ultra-strong, portable and reusable this Safety Fence is ideal for construction and work sites, sports events and anywhere temporary protection is required.

Steel Y Posts available in 1.35, 1.5 and 1.8m high sizes are available along with high tensile and soft wire coils for erecting the safety fence. Yellow Y Post safety caps are also supplied complimented with cable ties for fixing to the top of the Y posts.

Sediment and Erosion Control

Controlling the movement of sediment is a major issue today, as increased sediment load affects local ecology, blocks stormwater system or results in the loss of fertile soil. A number of solutions could be realised depending on the usage.

> Sediment, Erosion & Safety Control Case Study – Continued.

Silt Fences are an integral part of an erosion and sediment control plan for earthworks sites. Silt Fence is a temporary barrier of geotextile fabric used to retain silt and sediment and avoid silt pollution into rivers, drains and sensitive environments.

Silt Fence and Super Silt Fence with Super Silt Fence mesh that all meet local council requirements, such as GD05 Erosion and Sediment Control guidelines, are available in 50m or 100m long rolls. A full range of accessories for Silt Fence erection are also available such as the Y Posts, soft and high tensile wire, wire tensioners, connection pins/clips and safety caps.

bidim® A14 and A19 geotextiles can be used for spillway lining, temporary covering of earth stockpiles and bund protection all to aid in control surface water erosion. Supplied in easy to handle 2m and 4m wide rolls or 6m wide for those larger area requirements.

Other products available are stormwater catch pit drain wardens, silt flotation curtains and baffles.



EROSION, SEDIMENT & SAFETY CONTROL ONSITE

Silt & Super Silt Fence, Safety Fence and bidim® geotextile erected on site.



Find your solution today

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GEOFABRICS®
Smarter Infrastructure