

Hydroseeding



Hydroseeding (or hydro-mulching) is a planting process which utilizes a slurry of seed and mulch. The slurry is transported in a tank, either truck- or trailer-mounted and sprayed over the ground in a uniform layer. Erosion control Co have been hydroseeding throughout New Zealand for over 30 years and have developed an extensive range of products that can be tailored for each specific site with it's unique requirements.



Golf Course Construction. Over the years Erosion Control Co have forged a close relationship with New Zealand's leading course designers and have developed a range of hydroseeding solutions specifically to meet the demands of establishing fairways, tees and around the greens. We have provided our services to many courses including Peninsula, Gulf Harbour, Kauri Cliffs, Matarangi, Whangarei, Remuera, Whitford, Waipu, Manukau, Maungakiekie, Huapai and Aviation.



Roadside Hydroseeding. Whether as a result of road re-alignment, new construction or slip repair, hydroseeding is the most efficient, practical and cost effective way to quickly establish vegetation over an area. With a fleet of specialist equipment, one hydroseeding unit can cover around 10,000 sqm per day. With our truck mounted Hydrocanon we can spray 45m high and over 100 from the truck with a range of hoses. Whether the long term goal is to re establish native vegetation or long term grass cover, Erosion Control Co will supply a mix of hydromulch, seed and fertilizer best suited to the local environment.



Research and Development. At Erosion Control Co we continually strive to be a global innovator in our field. Whilst being mindful of overseas products and developments, our in house R & D programme is focussed on local innovation for local solutions. Our purpose built technology enables us to pulp newsprint. This continues to out perform expensive imported hydromulch products and wood fibres. As well as maintaining our philosophy of recycling where possible, recycled newsprint also supplies funding to our local suppliers such as schools and charitable organisations.

Erosion Control Co Ltd's Liquid Soil™ is our premium hydroseeding product, engineered for areas with poor quality soils, to optimise vegetation establishment and longevity. Our unique combination of organic hydromulch, composts, fertilizer and tackifier ensures we consistently outperform all other hydroseeding applications.



Erosion Control Co's Liquid Soil™ was applied to establish long term vegetation on these 4:1 batters. Whilst providing an environmentally sound solution, the long term vegetation cover protects the surface from erosion maintaining the long term integrity of the wall.



Liquid Soil™ with a combination of Hay Mulch was applied to this low fertility slope in the midst winter to establish a vegetation cover and stabilise the area. The Liquid Soil™ held the seed in situ during germination and provides a rich medium of nutrients. In turn the Hay Mulch provided the microclimate necessary to ensure a uniform and quick establishment.



Liquid Soil™ was the chosen medium here to establish Kikuyu and stabilise the dry sand faces on the Whangarei Harbour entrance.



Liquid Soil™ after application

Erosion Control Co Ltd's Hydrohay™ is another of our innovations engineered to offer additional stabilisation where it is needed most. Our unique formula of hydromulch and sterile hay fibers forms a protective barrier against the forces of erosion until full vegetation cover is achieved. Hydrohay™ is the ideal solution for swale drain, around culvert and berm areas.



Hydrohay™ Applied

Early Establishment

Erosion Control Co Ltd's Hydrohay™, with the optional addition of wetting agents, provides superior moisture retention through dryer periods and insulation from frosts in colder times, resulting in a faster germination and establishment.