



PROJECT

Nordic Competition Venue, 2010 Olympics

CLIENT

Vancouver Organizing Committee – 2010 Winter Olympic & Paralympic Games (VANOC)

LOCATION

Callaghan Valley, Whistler, British Columbia

PRODUCT / SERVICE

- On-site composting
- Ecoblanket™
- 30,000 cubic yards manufactured, pneumatically installed and Terraseeded™



Project Summary:

In 2006, Denbow was contracted by VANOC to provide Erosion Control and Revegetation Services for the Whistler Nordic Competition Venue in Whistler BC – the site where all cross-country and jumping activities will take place during the 2010 Winter Olympic Games. The Whistler Nordic venue is part of a C\$620 million investment funded equally by the Governments of Canada and British Columbia. The 250-hectare project involves competition trails, ski jumps, a biathlon facility, three temporary stadiums each with spectator capacity of 12,000, sewer/water/power services, access roads and internal roads, parking lots, a lodge and other related infrastructure facilities in the Callaghan Valley, south west of the Whistler Resort.

Part of VANOC's mandate is to make sustainability a reality for the 2010 games. Denbow offered a unique, sustainable solution that not only dealt with non-merchantable land-clearing materials that would otherwise be burned but would also produce valuable products that would control erosion and re-establish vegetation throughout the site.

A total of 30,000 yd³ of material was ground and composted onsite, pneumatically placed as Ecoblanket™ and Terraseeded™. Material for SiltSoxx™ was also manufactured to control erosion and sediment loss.



On-site grinding of land-clearings that would have been burned or buried.



Mixing-grinding of wood waste (carbon) and nitrogen source prior to composting



Raw compost is completely enclosed in AG-BAG eliminating leachate and odor issues. Compost under positive aeration. Temperature is monitored under OMRR regulation.



Pneumatic installation and Terraseeding™ of compost blankets for erosion control on soil slopes throughout venue



Excellent vegetation and wildflower establishment on the slopes throughout the venue