



**DENBOW**  
innovating naturally

Denbow embraces the integrated practice of Green Infrastructure as a part of our business model. We manufacture, deliver and install complete green infrastructure solutions using composted forestry residuals.

To date Denbow has been involved in some of the most significant provincial projects in B.C. including: Golden Ears Bridge, Olympic Nordic Village, Kicking Horse Canyon Bridge, various projects along the Trans Canada Highway, Sea-to-Sky Highway and Port Mann Bridge and most recently the South Fraser Perimeter Road.

# GREEN INFRASTRUCTURE



Shrub Revegetation via EcoBlanket®  
Sea-to-Sky Highway

Green Infrastructure, or blue-green infrastructure, is an integrated system providing natural or “green” solutions for solving urban development and climatic challenges by building sustainably with natural processes.

The main elements of the green infrastructure approach include:

- Storm water management
- Climate adaptation
- Greening Cities
- Reduction in Urban Heat Island Effect
- Increase biodiversity & safeguard of natural capital
- Food production
- Increased air quality
- Sustainable energy production
- Clean water
- Healthy soils & engineered growing media
- Recycling/reutilising waste stream & forestry residual products
- Anthropocentric functions e.g. increased quality of life

Bioengineering & biomimicry, LEED (Leadership in Energy and Environmental Design), BREEAM (BRE Environmental Assessment Method) and LID (Low Impact Development) are mechanisms towards the advancement of sustainable best management practices and green building technologies.



Green roof



Bioengineering  
Ruskin Dam, Mission



RepRap Grout  
Charles Creek, Lions Bay

Contact us today for a quote: 1-888-933-6269

[www.denbow.com](http://www.denbow.com)

In our pursuit of restoring natural ecosystem services, the use of locally-made compost is at the core of our product development. Composting is, by definition, a natural process managed by humans. Performance parameters apply to all composting technologies and include: Oxygen concentration, FAS and particle size and structure, Carbon to nitrogen (C:N) ratio, Moisture content, Temperature, pH level. The resulting product, compost, has been hailed by experts from across many disciplines and professions, as a natural solution for successful revegetation establishment and long-term plant growth. The physical and microbial benefits of composts are extraordinary including the take up and breakdown of pollutants. Indeed, it is one of the few natural options available to professionals.

Our Sediment and Erosion Control and storm water products & services include:

- Slope Stabilization
- Storm water EcoBlanket®
- Vegetated Filter Strips
- Engineered Growing Media
- Channel Protection
- Bank & Shoreline Stabilization
- Biofiltration Systems
- Raingardens
- Green Roofs
- Cascadia Vegetated Retaining Walls
- RipRap Grout
- Bioswales
- Terraforming
- Detention Ponds
- Sediment Traps
- Check Dams
- Run-off Diversion
- Envirodyke-flood Alleviation
- Onsite Grinding & Composting



## Our Values

### Community

*giving / supportive / teamwork*

### Excellence

*professional / knowledgeable / quality*

### Forward thinking

*innovation / challenge / solutions*

### Faithfulness

*integrity / loyal / trusted / reliable*

