Erosion Mats

**CASE STUDY**

**Project:** Erosion Control and Out Fall Structure  
**Date:** Jan - March 2008  
**Client:** Envirowaste  
**Location:** Rosedale Landfill, North Shore, Auckland

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**Enkamat**

The landfill is now capped and has a large catchment area with high potential rainfall run off and scouring. Storm water and silt control management in such an environmentally sensitive area is paramount. Being located in a residential area with some natural wet lands near by the solutions needed to be cost effective and environmentally friendly.

A system of grassed spillways to a gabion outlet structure feeding into a silt pond was constructed using a combination of **Enkamat**, **Biomac** and **Gabions**.

**Enkamat** was laid onto the prepared sub grade spillways then covered in seeded topsoil. The **Enkamat** provides root reinforcement for the future grass growth and also provides a soil retention system in high rainfall situations to prevent loss of soil until grass has taken.