

# CASE STUDY

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## STORMWATER MANAGEMENT and SILT CONTROL

Goondi Bend Dump Site, Innisfail FNQ

Installed by Groundwork Services

**CLIENT:** Johnstone Shire Council

**DATE:** 2008

**PRODUCTS:** Silt fence, coir mesh, mesh gates, various accessories

**PROJECT OUTLINE:**

Following Cyclone Larry, a large deposit of vegetation was covered as a temporary remedy on a disused dump site. Rains had eroded this surface cover and deposited silt into a creek bounding the site.

Upon request from the council, Groundwork Services deployed a series of cross fall drains with silt fence as there was limited cover material to form permanent drain lines on the crest like surface. Detention ponds were established at strategic locations around the site and coir mesh lined channels were formed at the perimeter to capture and direct run off from the site.

The remedies resulted in nil loss of material from the site to the receiving waters of the nearby creek. Maintenance of the site structures was imperative in achieving this.

