



# Kirknie Road Landfill Cell



## Civil Contractors

**Project Name:** Kirknie Road Landfill Cell

**Client:** Burdekin Shire Council

**Value:** \$1.3M

### Project Description:

As part of the Burdekin Shire Council Environmental program Allciv were contracted to construct a purpose built landfill cell at the Kirknie Road landfill site at Home Hill.

This project involved the construction of three individual cells consisting of a geo-composite clay lined main cell, a HDPE lined leachate collection cell and an overflow storm water settlement cell.

Allciv completed the specialist task of the geo-composite clay liner and drainage ballast installation in house once again demonstrating the flexibility and adaptability of both the company and staff.

Allciv staff worked closely with the engineers from the Burdekin Shire Council to ensure that the design made



best use of existing site materials, and the project was completed within the client's budget and timeframe. The key points to note regarding the project scope include:

- 30,000 m<sup>3</sup> of earthworks
- 16,500 m<sup>2</sup> of GCL
- 6,000 ton of drainage ballast
- 20,000 m<sup>2</sup> of High Energy Compaction
- 5,000 m<sup>2</sup> of HDPE liner
- 800m of HDPE leachate pipe work

### Client Contact:

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