The steep side walls and depth of waste at the Llandulas landfill required careful consideration with regards leachate drainage and membrane protection.

Protexia GPT19A is produced by incorporating band drains, at 0.5m centres, within GEOfabrics HP19 to create a single 6m wide solution for both drainage and protection on or within slopes. This composite provides considerable savings compared with installing two separate components.

**Client:** Waste Recycling Group  
**Designer:** Symonds  
**Contractor:** May Gurney  
**Product:** GEOfabrics GPT19a  
**Product functions:** Drainage & Protection