



Fact File

Nyrstar Port Pirie Budel Leach Pad

Facts

- Completion February 2017
- Value of Project +\$1.6M.
- Bulk earthworks over 20,000m², GCL, HDPE and goefab liners + drainage network
- Award to delivery in 78 days with 3445 hrs labour.
- Key suppliers: Bianco Precast, Geofabrics, Polydam and Exact



Google Image pre works



Embankments

Scope

- Bulk earthworks to subgrade formation level and embankments.
- Installation of Pump Out Pit.
- Installation, jointing and anchoring of GCL.
- Installation, jointing and anchoring of HDPE liner.
- Installation of a piped drainage network connected to the Pump Out Pit.
- Installation of the leachate drainage layer with geotextile over.
- Construction of swales and access.



HDPE liners

Achievements

- Completed on time and on budget! The end date was inflexible due to the scheduled delivery of leachate from Europe.
- The weather caused disruptions throughout the project. The site access was via unsealed roads that were inaccessible to heavy vehicles and deliveries following summer downpours. Additionally, the liners could not be installed in windy condition nor the HDPE when over 35°C.
- Ability to coordinate multiple contractors completing technically specific works in a tight schedule.