

ARCHER LANDFILL REHABILITATION STAGE 1 – PROJECT OVERVIEW

BACKGROUND

The City of Palmerston (CoP) is undertaking works to rehabilitate the Archer landfill site. The landfill operated from 1993 until the site was closed in 2011. CoP has been working with the NT EPA over a number of years to monitor the closed landfill. In April 2015, the EPA issued a pollution abatement notice (PAN) which sets out a range of monitoring and risk assessment actions to be implemented by CoP in relation to the site. The PAN is available for download from the NTEPA website.

Engineering consultant GHD has been involved in the monitoring and review of the Archer site and has also undertaken the design work for the rehabilitation construction activities. GHD has also been engaged to provide construction quality control engineering services. Construction is being undertaken in 3 stages. Stage 1 is being undertaken in 2016 with Stages 2 and 3 expected to be constructed in 2017.

PROJECT WORKS

The Stage 1 works include:

- Relocating some of the waste layer to meet Stage 1 design levels
- Constructing a 300mm seal layer (cap of compacted soil) over the waste layer
- Placing 500 mm of subsoil and 100 mm of top soil over the seal layer
- Establishing native grasses as the vegetative cover
- Constructing a number of landfill gas monitoring wells

CONSTRUCTION PERIOD

Stage 1 construction works will be undertaken from August 2016 to December 2016.

CONSTRUCTION CONTRACTOR

The construction contractor is Aldebaran Contractors, a local contractor based in Acacia.

CONSTRUCTION COST

The expected cost of Stage 1 construction is \$1.52M (incl GST) including construction, construction supervision, and construction contingency allowance.

FOR FURTHER INFORMATION

For more information on the Archer Landfill Rehabilitation Stage 1 project, please visit www.palmerston.nt.gov.au/city/major-projects

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Image 1: Archer landfill rehabilitation stage 1 – existing surface August 2016



Image 2: Archer landfill rehabilitation stage 1 – clearing of survey lines