

WALLEYS QUARRY

Update

September 2021

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OVERVIEW



CURRENT SITE OPERATIONS

- Operations concentrated in Cell 3 and in the central section of site.
- Leachate continues to be treated on site.
- Posishell – additional 20,000m³ of temporary capping commenced September 2021.
- Installation of up to 28 wells, to be connected to the gas management infrastructure. Works in conjunction with CLP Envirogas, the onsite gas management contractor.

Installation of Pin Wells

- Landfill Gas Management Contractor CEL, Cotesbach Energy Limited installed 10 additional wells in the Southern flank in July and August 2021.
- An additional 8 pin wells were installed, along the eastern boundary of the permanently capped area and western flank.
- A Pin Well is a shallow depth gas extraction well used for environmental control and is complementary to the existing extraction infrastructure at the facility.



Installation of landfill gas wells

- Landfill Gas Management Contractor CEL, Cotesbach Energy Limited are currently installing up to 28 wells within the central and eastern areas of the landfill site.
- Works commenced in September and are planned to complete in October.
- Drilling rig utilises bespoke landfill gas collection infrastructure to capture off-gases should they be present and scrub through carbon.
- Connection will be made, as they are progressively installed to capture landfill gas.



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Installation of Posishell

- Works commenced in September, to apply Posishell media to approximately 20,000m² of landfill surface.
- Installation focussed on western and eastern flanks.
- Posishell is a cementaceous bentonite slurry, applied using a mixing tank and pump.
- Posishell swells to provide a crust over the surface it is applied to.



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FUTURE OPERATIONAL PLANS

- Working location - continue operations within the central area of site, with operations utilising Cell 3 as necessary.
- Installation of landfill gas wells.
- Completion of Posihell to approx. 20,000m² of PosiShell installation.
- Currently reviewing Landfill Gas Management Plan, with submission expected early.