Stawell Landfill Newsletter

September 2018

We wish to provide a general update on recent developments at the Stawell Landfill. We plan to issue a newsletter update to our neighbours and other stakeholders at least four times each year.

Cell 3 stage 2

In the previous newsletter Statewide Recycling was working hard to construct a geomembrane liner, which is a synthetic membrane liner used to protect the surrounding environment from waste deposited within the cell.

Construction for these works have now been completed and the cell has been prepared for receival of waste. After approval was sought from the Environmental Protection Authority (EPA), waste is now being deposited into Statewide's newest cell.

Quarrying for Cell 4

The design for Statewide's latest cell is currently in the final design stages and will then be lodged with the EPA for assessment and construction approval. In order to create the available air space for this cell, we need to quarry in the eastern portion of the site. This has involved multiple quarry blasts to shape the future cell and these have since been completed without incident as per the required controls and blast monitoring that was put in place to track ground and air vibrations. All required quarry blasts have now been completed for the shaping of cell 4 and rock removal from the quarry blasts is currently underway. Rock will also be sorted and crushed in due course.

Cell 1 Rehabilitation

Cell 1 is the oldest and largest cell on site with a surface area of over 20,000m^2. As landfill cells are filled, they are required to have an intermediate cap when landfilling activities cease. When all of the available airspace within a cell has been utilised, a 'final cap' is place over the cell which is comprised of various layers of compacted clay, silty clay soil and topsoil. The surface of the cell is then revegetated with native species of the area to reduce erosion, surface water infiltration and to improve aesthetics and the habitat value of the area. The overfill removal from cell 1 is now complete and Statewide are in full swing progressing the rehabilitation of the cell as per the EPA approved plan. A compacted clay layer has previously been placed over the top of cell 1 and we are now in the process of depositing a layer of silty clay soil, followed by a topsoil layer. Seeding to the cell will follow at the appropriate time for germination.

Did you know?

The final cap of a landfill cell can be more than 2 metres deep! The capping of cell 1 will consist of 500 mm compacted clay, 850 mm of silty clay soil and 150 mm of topsoil. The capping of cell 2 will consist of 300 mm compacted clay, 500 mm of clay soil, 1000 mm of clayey loam soil and 200 mm of mulch.

Newsletter Mailing List

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