

McLaren Vale Resource Recovery and Waste Management Precinct – Community Consultation Information Sheet #1 February 2021

Background

This community consultation information sheet #1 has been prepared in accordance with Southern Waste ResourceCo's ('SWR') Community Engagement Plan ('CEP') for the Main South Road McLaren Vale resource recovery and waste management precinct ('the site') to assist with community consultation and engagement with interested local residents, businesses, community groups, the City of Onkaparinga and any other interested parties. It has been developed to provide general information around background of the facility, any site improvement measures undertaken in recent years and an update on any site works that are proposed to occur in the near future. Providing interested parties updates on general site operations provides an outline of SWR's commitment to continual site improvement to provide enhanced environmental and community outcomes from waste management operations occurring at the site.

SWR have been operating at the former quarry site since 1993 and operate a resource recovery, recycling and waste management precinct that undertakes the following site activities:

- Resource recovery & recycling of hard wastes including construction and demolition, commercial and industrial and municipal solid waste
- Processing of small quantities of green wastes to produce mulch and compost
- Quarry rehabilitation works that utilise clean construction soils
- Hazardous soil and waste management operations involving treatment and disposal of contaminated waste
- Final landfill of residual waste streams that cannot be recovered and recycled

We understand following regular interaction with the Environment Protection Authority ('EPA') that there is a reasonable level of community interest in the SWR operation therefore we will prepare ongoing community engagement information sheets to help interested parties better understand and appreciate the service that site provides to the wider metropolitan Adelaide waste management industry.

Site Improvement Measures

SWR have been progressively reviewing and upgrading infrastructure at the site to provide better environmental and community outcomes with regards to the handling, processing, recycling, resource recovery, treatment and disposal of a range of waste streams received at the site. The current site upgrades that have been occurring to improve site operations include the following items:

1. Construction of South Australia's first double composite lined and engineered landfill disposal cell (Stage 4 Cell 3 – see **Figure 1**). This cell has been constructed to a hazardous waste landfill standard and is widely accepted as a best practice containment design for landfills around the world. Featuring a double composite lining system, this cell design ensures the protection of the surrounding environment from disposed waste.

2. Extension of the undercover waste storage and treatment facility situated at the Western fringe of the site (see **Figure 2**). This facility upgrade provides increased floor space for advanced resource recovery/recycling and remediation treatment of contaminated wastes and provides enhanced site screening, dust and water management mitigation measures to the existing site operations.
3. Construction and operation of the site material resource recovery facility ('MRRF') which receives and processes mixed construction and demolition, commercial and industrial and municipal solid wastes (see **Figure 3**). This MRRF supports front end processing of mixed waste streams allowing improved recycling and resource recovery works onsite.
4. SWR continually reviews and improves site procedural documentation which forms part of the Companies wider Environment Management System that has been established and holds relevant ISO accreditations (AS/NZS 9001:2015 Quality Management Systems & AS/NZS 14001:2015 Environment Management Systems) for implementation onsite.

What's next?

SWR are currently undergoing a process of renewal for the site licence with the current environment protection licence issued for site operations expiring 31 March 2021. As part of this licence review process SWR will be directed by the Environment Protection Authority ('EPA') as to what changes may occur to existing licence conditions to ensure appropriate environmental standards are achieved as part of day-to-day operations. Once the proposed licence changes are received from the EPA SWR will be able to review the proposed changes and provide a submission regarding their suitability as part of future renewal of the site licence. At this stage SWR has not been provided any detail regarding proposed changes that will occur to the site licence, therefore we are unable to currently include any specific detail relating to licence changes within the current information sheet #1. These proposed licence changes will be considered and information will be circulated separately to interested parties.

As we are currently transitioning into closure of the former operational cell onsite (termed Stage 4 Cell 2), early rehabilitation works will commence across the cell surface which will be visible to local residents through aesthetic improvements including reshaping the entire operating surface (which is visible from Main South Road) and filling with soils to assist in transitioning into the final contoured landform. Progressive rehabilitation of this area also provides improvements to the existing stormwater management system onsite through managing water infiltration within the cell and reducing future erosion of the rehabilitated landfill surface.

Communication and Engagement with SWR

For all matters relating to community consultation and engagement SWR can be contacted on one of the following options:

- Phone - **08 8406 0355**
- Email – **SWR_community@resourceco.com.au**

Next Community Consultation Information Sheet Update

The next Community Consultation Information Sheet #2 regarding site operations will be prepared and distributed to all interested parties during **August 2021**. SWR have committed to providing 6 monthly updates to inform the local community on existing and future works proposed to occur at the site.

SWR are committed to undertaking appropriate community engagement, meeting our general environmental duty responsibilities, and working to support and clearly communicate with the local community.



Figure 1 – Stage 4 Cell 3 Double Composite Lined Disposal Cell



Figure 2 – Undercover Waste Storage and Treatment Facility Extension



Figure 3 – Material Resource Recovery Facility

