



**Dardanup Landfill  
Community Reference Group (DLCRG)**

# MEETING NOTES

**Thursday 3 March 2022 from 4:30 pm to 6.00 pm**

**Venue:** Virtual meeting via ZOOM

Item
<b>1. Attendees</b>  Community members: Ian Trigwell (IT), Ellen Lilly (EL) and James Szabadics (JS) Shire of Dardanup: Neil Nicholson (NN) Cleanaway: John Mulholland (JM) and Barry Westbrook (BW) Facilitator: Liz Storr (LS)
<b>2. Apologies</b>  Graham Yuill (community member) and Susan Oosthuizen (Shire)
<b>3. Receipt and Acceptance of Previous Meeting Notes</b>  Ian Trigwell and Ellen Lilly confirmed the notes of the December 2021 meeting were an accurate record.
<b>4. Group Membership</b>
<b>5. Matters Arising from Previous Meeting(s)</b>  Covered in the agenda below.
<b>6. Standard Agenda Items</b>  <b>6.1. Operational Updates:</b>  6.1.1. Current Operational Activities <ul style="list-style-type: none"><li>JM displayed the latest aerial imagery from the drone and provided an overview of current activities on the site, noting that not much has changed since the last meeting in December 2021.</li><li>Cell 1 - Tronox trucks are filling the void in Cell 1 ready for capping<ul style="list-style-type: none"><li>A clay spit / 'finger' in the south east corner of Cell 1 was constructed to enable access for a drill rig to test firmness of the base and to inform the design of the cell capping.</li><li>It is likely that the capping will be built up from each corner in order to ensure the shape effectively manages erosion.</li><li>The construction schedule for the capping is unknown – may be the start of the 22/23 summer or later.</li></ul></li><li>Cell 8 – currently working to fill this. Since 25 February, the fluff layer has been completed and now working on the second layer. Work starts at the southern end and works back in a northerly direction.<ul style="list-style-type: none"><li>Batter has been finished. Historical challenges with erosion have been addressed by constructing swales on the batter to redirect water and mitigate erosion impacts or ruts being created. These swales will be constructed with every lift.</li></ul></li></ul>

## Item

- Batter has been seeded and hydro mulched. With rain in May/June it is expected that the batter will have good vegetation cover.
- On the western edge, compost has also been added to promote vegetation growth, especially where this embankment is visible to the community.

### 6.1.2. Changes to Operations

- As outlined above.

### 6.1.3. Planning Applications

- EL queried whether Cleanaway was operating to the new or previous licence conditions. JM confirmed they are operating to their Cell 8 licence conditions as per those granted in October 2021. Even though these conditions are being appealed, the site is operating in accordance with these conditions. JM confirmed the swales are not part of the licence conditions but the hydro mulch is.

### 6.1.4. Environmental Applications

- Cell 5 – 80,000m<sup>3</sup> will from the northern stockpile will be used on Cell 5 before the 2m capping. Filling of Cell 5 is complete. Consultants are preparing an application to allow the start of capping.
- Cell 12 - application being prepared and will be considered in the EPA referral. This will be late 2022 at best.

### 6.1.5. Other Operational Items

- Northern stockpile – Cleanaway has been halted from removing this as the material needed to be tested for contamination. This has been completed – all ok – but awaiting go ahead to relocate the material (approx. 100,000 cubic metres).
- Fencing – 2m fence around entire perimeter of the site has been completed. The 6m fence around Cell 8 has more to be added along the top of the cell and the southern end of the cell – approx. another 150m. The fencing has arrived and is to be installed by the end of August as per licence conditions. Has been delayed by border restrictions prohibiting the installers travelling here from eastern states. Opening of the borders will resolve this. A local fencing contractor will also be involved so that they can be used for future work.

## 6.2. Environmental Management and Compliance Update:

### 6.2.1. Groundwater Monitoring

- Annual report and summary letter has been received and is now available on the Cleanaway website. The report shows there is no expected impact on groundwater from the landfill. Results include testing from the new bores that were installed last year.
- JM advised it was not possible to show longitudinal data showing any changes over time as the volume of data was enormous and it was not possible to present this information in a concise format.

### 6.2.2. Stormwater Management and Monitoring

- There was a lot of rainfall over winter and spring, but it was very well managed on the site. There has been no summer rain and so the stormwater pond levels are dropping rapidly.
- Engineering consultants are designing overflow basins to capture more water and still comply with ability to manage a 1 in 100 year rain event.

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- JS queried the capacity of the leachate ponds in high rainfall events. JM confirmed the ponds are designed to a specification that ensures 500mm of freeboard.
- JS queried what would happen with a 500mm rain event. JM indicated that if such an event ever happened here, overflow would go into the stormwater pond.
- JM advised that modelling is currently being undertaken to determine capacity of leachate ponds but the detail is not available yet. Cleanaway needs to submit a report to DWER by the end of June 2022.

### 6.2.3. Dust Management

Hydro mulching and vegetation works as noted above.

Capping of Cell 5 will assist with dust management.

Reported dust incident (EL sent photo to JM) – investigation confirmed the dust was not from the Cleanaway site, but from a neighbouring property to the west.

### 6.2.4. Leachate

- Benevac plant
  - Detailed overview was provided at last meeting. Basically, this equipment evaporates the leachate using the heat from the flare – to be used for the leachate from the landfill but may be considered for Tronox material in the future.
  - Container-sized, skid-mounted – will be placed on the southern side of Tronox Cell 1 and will take leachate from the primary pond. This location will mean the equipment will be hidden behind the cell wall.
  - Consultant is currently investigating all environmental factors including visual amenity (from the steam plume) and sludge management.

### 6.2.5. Litter Management

- 6m high fencing as detailed above.

### 6.2.6. Landfill Remediation

- As detailed above

### 6.2.7. Other Operational Items

- Nil

## 6.3. Complaints and questions from the community

- JM provided an overview of complaints received since the last meeting and how they had been investigated, resolved and closed out. In most cases, the complaints related to matters that were not associated with Cleanaway activities and not on the Cleanaway site.
- Some complaints had been received about trucks using Panizza Road. Cleanaway has taken a very strong stance on this and will refuse loads from any truck found to be using this route. BW confirmed there have no more incidences of trucks using Panizza Road since December 2021.
- JM emphasized that any complaints from the CRG members or community need to be referred directly to Cleanaway as quickly as possible to enable investigation and remedial actions. It is almost impossible to investigate incidents when they are not reported until days later.

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<ul style="list-style-type: none"> <li>• JM also reiterated that complaints need to come to Cleanaway first to enable the company the opportunity to investigate and address.</li> </ul>
<p><b>7. Other Business</b></p> <ul style="list-style-type: none"> <li>• Rehabilitation of Cell 1 (Tronox material) <ul style="list-style-type: none"> <li>○ EL queried the timing for this. JM advised this is unknown at the moment, work is being done to plan how to cap the cell. This will then be submitted to DWER, which will take at least 6 months to assess. Construction of the capping is a big job given the size of the cell.</li> <li>○ JS asked if the construction activity was considered 'operations' and therefore in what hours the construction work would be done. JM confirmed any construction activity will be within the normal site operating hours but it is generally shorter hours.</li> </ul> </li> <li>• Neighbour site conditions <ul style="list-style-type: none"> <li>○ EL advised that the neighbour has just applied for an extension of its licence. This has been granted by the Shire of Dardanup but with tighter conditions re truck movements and hours of operation. The conditions are almost the same as those that apply to the Cleanaway site.</li> <li>○ EL commented that the neighbour will be making dust from and the community may be confused as to where this is being generated from. JM indicated that Cleanaway may be able to assist by providing its water cart to help with dust control.</li> </ul> </li> <li>• Vehicle movement and harvest bans in extreme fire risk conditions <ul style="list-style-type: none"> <li>○ IT asked how this applies to the Cleanaway site. NN confirmed that the bans apply to any vehicle or machinery activity where it is in an area likely to start a bushfire.</li> <li>○ <b>ACTION:</b> BW to confirm any restrictions that apply to the site's activities when there is a total vehicle movement and harvest ban.</li> </ul> </li> </ul>
<p><b>8. Date of Next Meeting</b> - Thursday 2 June 2022 at 4:30pm (unless required sooner) and will be via Zoom.</p>
<p><b>9. Future Meeting Dates</b> – TBA with meeting duration generally 4.30pm to 6.30pm</p>

## Action items

No.	Action item	Resp.	Status	Notes
<b><i>New actions arising from March 2022 meeting</i></b>				
2022-1	Confirm any restrictions that apply to the site's activities when there is a total vehicle movement and harvest ban (in extreme fire risk weather conditions).	BW		
<b><i>Open actions from previous meetings</i></b>				
2020-1	SC to provide design detail for Cells 1, 2 and 12A.	SC	Will be addressed when the Master Plan is released	
2020-3	On website, explain RL and link to information on the related Standard.	SC	Will be addressed when the Master Plan is released	
<b><i>Completed actions</i></b>				
2020-4	On website, depict Cleanaway site as separate to regional compost facility, including completed activities.	JM	Completed. Action closed	
2021-1	Investigate conversion of RL information to AHD in all public maps, plans and information about the site.	BW	Completed. Action closed	
2021-2	Dust management - ensure water is being sprayed directly on to the dusty loads as they tip.	BW	Completed. Action closed	
2020-2	On website, change email address to something like <a href="mailto:dardanupcommunity@cleanaway.com.au">dardanupcommunity@cleanaway.com.au</a> for community contacts.	JM	Completed. Action closed	
2020-6	Suite of documents that Cleanaway is submitting to the Shire to be presented to the CRG on Thursday 15 October 2020 at 5pm	JM	Completed. Action closed	
2020-5	Agenda item for next meeting to focus on groundwater monitoring and the results including how to interpret the reports, the rationale behind the testing regime.	SC	Completed. Action closed	Cleanaway will not be releasing the full Groundwater Report publicly. A summary is available on the Cleanaway website.
2020-7	JM to check if the radiation report can be made available to CRG members and community	JM	Completed. Action closed	Cleanaway will not be releasing the Radiation Report publicly.