

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

# MEETING NOTES

**Thursday 11 August 2022 from 4:30 pm to 6.00 pm**

**Venue:** Virtual meeting via ZOOM

Item
<p><b>1. Attendees</b></p> <p>Community members: Ian Trigwell (IT) and James Szabadics (JS)  Shire of Dardanup: Neil Nicholson (NN) Susan Oosthuizen (SO)  Cleanaway: John Mulholland (JM) and Barry Westbrook (BW)  Facilitator: Liz Storr (LS)</p>
<p><b>2. Apologies</b></p> <p>Graham Yuill (community member) and Ellen Lilly (EL)</p>
<p><b>3. Receipt and Acceptance of Previous Meeting Notes</b></p> <p>Attendees confirmed the notes of the March 2022 meeting were an accurate record.</p>
<p><b>4. Group Membership</b></p> <p>Resignation: Graham Yuill</p>
<p><b>5. Matters Arising from Previous Meeting(s)</b></p> <p>i. (2020-1) Explanation of RL and AHD to be added to Cleanaway website – pending, to be completed in next few weeks</p> <p>ii. (2020-3) Cell 1, 2 and 12A designs – Sally Carlton</p> <ul style="list-style-type: none"> <li>Sally provided a detailed overview of the design and talked the group members through the design plans.</li> <li>The peak height of Cell 12 (approx. 123 AHD) will be lower than the approved height (128 AHD)</li> <li>The final batter will be one consistent gradient around the western and northern Cell walls as per the submitted and shared Rehabilitation &amp; Closure Plan</li> <li>JS queried if there was a valley between the cells – (SC) No, there is a flat area above the existing tailings dam and before the Cell 12A wall. Stormwater will drain along the western edge of this wall in both a northerly and southerly direction to the stormwater basins on the south side.</li> <li>Cells 9 and 10 will reach a higher level, but they are very conventional designs and no different to Cells 6, 7 and 8.</li> </ul>
<p><b>6. Standard Agenda Items</b></p> <p><b>6.1. Operational Updates:</b></p> <p><i>6.1.1. Current Operational Activities</i></p> <ul style="list-style-type: none"> <li>Tronox cell 1 – finished in here now. Backfilling into Cell 2. The clay spit is used to provide access for testing how solid the Tronox tailings are. This will inform the capping design. The proposed Tronox capping design concepts were submitted to DWER on 30/06/2022.</li> </ul>

## Item

- Landfill cells
  - Currently accessing via the road along the southern boundary of the site. We are building a road to the top of the cell with a turnaround area we can fill the vacant airspace, which will mean we are in line of sight of the community.
  - Landfill Cell Capping program will start in September/ October depending on DWER approval
  - Phyto capping trial was unsuccessful, so now use the material to assist capping.
  - JS queried the gas capture methods. JM explained that every layer has horizontal gas capture lines that are staggered through the cells and connect to the larger gas header lines. A trench is dug to install the Landfill Gas (LFG) Horizontals then a HPDE pipe with drilled holes is installed, and the trench backfilled. The entire LFG network links to the flare.
  - It is planned that the flare will be relocated to the south west of Cell 5. The workshop is planned to be relocated to the SE corner of the site, subject to approvals.
  - JS was concerned that leachate could escape from the cells at the point where the gas pipelines extrude from the cell wall. SC confirmed that the LFG Horizontals do not pass through the cell HDPE liners bases but are in the individual waste lifts with the pipelines following the cell base contour. When landfill cells are capped, the LFG wells - both horizontal and vertical - are fully sealed around with the final capping like a double skinned plastic sack with the waste inside.
- BeneVap system – to be installed in SW corner of the Cell 5 next to the flare.

### 6.1.2. Changes to Operations

- No changes.

### 6.1.3. Planning Applications

- a. Cell 12A including the relocation of flare and compound – as noted above.
- b. Extractive Industries Licence and JDAP Development Approval application submitted to the Shire by Cleanaway and to DWER by J&P on Cleanaway's behalf (matching the DWER permit).
  - 6-8m excavation pit for sand and gravel to be used only by the Cleanaway operation for trafficable areas and construction of internal and external roads.
  - 50m distance from eastern boundary, retaining existing vegetation cover
  - JS queried the operating hours for the excavation pit. JM confirmed that it would be no more than 6am-6pm as per the site operations, but more likely to be construction hours only. There may be mini campaigns to stockpile sufficient material for 1-2 months, and then a pause on excavations.
  - JS queried if there would be more road traffic for this work. JM confirmed that the material is intended for use on the site only.

### 6.1.4. Environmental Applications

- a. As above
- b. Cells 12A, 9 and 10 – Cleanaway is currently submitting documents prepared by our environmental consultants, and the EPA will take at least 6 months to review.
- c. BeneVap application to be submitted in the next month but DWER have indicated it is swamped about assessment time is at least 6 months.
- d. Cell 5 capping application – currently sitting with DWER. Expect approval in September 2022 so that summer preparation work can be completed.

## Item

- e. Stormwater overflow application (for NW corner) – applications to DWER and Shire of Dardanup - to build more of a basin so that if the secondary pond fills, the site will have more water storage capacity. Approval is expected in December 2022 with construction from February to May 2023.

### 6.1.5. Other Operational Items

- Nil

## 6.2. Environmental Management and Compliance Update:

### 6.2.1. Groundwater Monitoring

- Bi-annual groundwater monitoring completed in April 2022. Nothing of note to report.

### 6.2.2. Stormwater Management and Monitoring

- See 6.1.4 (e)

### 6.2.3. Dust Management

- Growth is now on the on top of the west-facing batter, that was visible from outside the site. Greenery has helped improve the visual impact.
- Hydromulch was applied to the batter but with all the rainfall it has washed into the swales. The areas that were seeded have grown well so we will now need to consider how and when to apply compost without damaging the swales, and to encourage good spring growth.

### 6.2.4. Leachate

- During summer we use the sprinklers to distribute the leachate on to the Cell 8 batter and active face. As a result the pond (with 2m depth) ends the summer period with around 1.5m freeboard. Over winter the pond refills and we currently average around 0.8m freeboard – ongoing cycle.

### 6.2.5. Litter Management

- JM described significant improvements to litter controls over the last 3.5 years including the 6m high litter fences, complete boundary fencing, portable weather nets and a litter picker who is doing a good job around the site include Banksia Road and to Panizzi Road.
- Litter evidence in surrounding areas is considered from other sources, however JM confirmed that the litter management plans for the Cleanaway site are strict and working.

### 6.2.6. Landfill Remediation

- Nil to report.

### 6.2.7. Other Operational Items

- Nil to report.

## 6.3. Complaints and questions from the community

- Six complaints since the last meeting – May (2) June (1) and July (3), four of which were investigated and determined to be unrelated to Cleanaway. The remaining two complaints related to trucks destined for the landfill using non-authorized roads for entry.

Item
<p><b>7. Other Business</b></p> <ul style="list-style-type: none"> <li>IT queried what is happening with Wren Oil and what materials they are bringing to the site? JM confirmed – (a) fixated material, and (b) workshop waste such as oily rags, filters etc.</li> </ul>
<p><b>8. Date of Next Meeting</b> - Thursday 10 November 2022 at 4:30pm (unless required sooner) and will be held in person at the Banksia Road site office</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 August 2022 meeting</i></b>				
Nil				
<b><i>Open actions from previous meetings</i></b>				
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>				
2020-1	SC to provide design detail for Cells 1, 2 and 12A.	SC	Completed 11.08.22	Overview provided at CRG meeting
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.