

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

MEETING NOTES

Thursday 2 December 2021

4:30 pm to 6.30 pm Meeting

Venue: Cleanaway Landfill Office - Lot 2 Banksia Road, Dardanup

Item	Description
1	Attendees: Community members: Ian Trigwell (IT), Ellen Lilly (EL) and James Szabadics (JS) Cleanaway: John Mulholland (JM) and Barry Westbrook (BW) Facilitator: Liz Storr (LS)
2	Apologies: Graham Yuill and Susan Oosthuizen (Shire)
3	Receipt and Acceptance of Previous Meeting Notes as an accurate record of the meeting No notes were recorded from the July 2021 meeting.
4	Group Membership <ul style="list-style-type: none">• No changes• EL emphasised that even though she has been recently elected as a Councillor for the Shire of Dardanup, she participates in this CRG as a community member and not representing the Shire.
5	Matters Arising from Previous Meeting(s) <ul style="list-style-type: none">• Covered in the agenda

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Standard Agenda Items

6.1 Operational Updates

6.1.1 Current Operational Activities

- Now working in Cell 8 and will be working in these active cells for the next 2-3 weeks before moving down lower as part of the management approach during the summer winds. Focus is on working with the seasonality on the site.
- Completing new fencelines on southern and eastern boundaries, with the final stretch along the northern boundary.
- 150m extension of the 6m high netting is to be installed as part of the licence amendments
- Improvements to the southern boundary have been completed: drainage, fire track, rock batters etc. Some dieback in the trees along this boundary; Cleanaway has worked with DBCA on this area and Cleanaway will continue to maintain the boundary.
- Swales being established for erosion control on some batters next week, then hydromulch on 13 December. Grass is now growing on the batters.
- JS – noticing dust as some of the trucks tip into the pit. JM – water trucks are doing well on the tracks, but will ensure they focus on the tipping trucks also.

Action: BW to ensure water is being sprayed directly on to the dusty loads as they tip.

6.1.2 Changes to Operations

- As above.

6.1.3 Planning Applications

- Application for Cells 9, 10 and 12A
 - Shire of Dardanup refused these as the EPA review is not yet complete – time unknown as it is a lengthy process.
 - Application referred to JDAP, which had 14 days to set a time for the hearing. JDAP did not do this, the allowed time lapsed and so Cleanaway has now referred the matter to the State Administrative Tribunal (SAT), with a hearing scheduled for 27 May 2022.
- Local Development Plan is on hold as it is part of the application for Cells 9, 10 and 12A (status noted above).
- Northern stockpile – remediation continues, Cleanaway is working on a solution with the Shire. 50% of the material has now been removed.

6.1.4 Environmental Applications

- Linked to the EPA process, DWER will assess concurrently but wont issue a licence until the EPA review is complete.
- Works Approval (application) to DWER for capping of the southern central area including Cell 5, is being worked on by Cleanaway.
- IT - queried the degree of subsidence of the fill once capped. JM explained there is settling during the life of each cell, around 10%. RL148 is the top of the fill and capping goes on top of this. By the time the cell is full and being capped, not much sinking is expected.

6.1.5 Other Operational Items.

- Covered above

6.2 Environmental Management and Compliance Update

6.2.1 Groundwater Monitoring

- Groundwater bores – installation of new bores has been completed – there are now 23 wells for testing. Previously, there were 6 testing bores that went through two aquifers – these have now been re-drilled and a few new bores installed.
- One set of tests has been conducted and JM received the report on 1 Dec 2021.
- EL – a summary report is desired, that explains the data including a table showing comparison of results versus Australian Standards (acceptable ranges) and the variation of the results from these ranges.
- JM discussed the results and displayed the draft summary report. CRG members are keen to see a straightforward table that shows the results otherwise ok with the format.

6.2.2 Stormwater Management and Monitoring

- Southern boundary drainage works completed. To be assessed again with next winter's rains.

6.2.3 Dust Management

- Dust sampling plan will be submitted as part of the site's licence review. A specialist consultant was engaged to develop the plan and used the results of the 6-month monitoring trial to inform the plan.
- JS – have any dust events been detected by the live monitoring?
- JM reiterated that the dust monitors were only in place for the 6-month trial to inform the management plan and associated site practices, which include assessing daily weather forecast and adapting site activities accordingly.
- JS – disappointed that live dust monitors have not remained as a pro-active approach to monitoring dust, rather than reactionary when a dust event occurs or a neighbour has to complain. Live monitoring would give hard data; most other dust intensive industries require live dust monitoring.
- JM – confirmed that dust suppression is now a core part of the dust management plan, including water trucks/sprays and hydromulching. No dust problems have occurred since the dust management plan has been enacted.
- IT – annoyed that live dust monitoring is not continuing and that it should be ongoing. Use of weather apps are not reliable as the data is not localised enough for the site.

6.2.4 Leachate

- Laboratory analysis is now conducted 6-monthly as part of the site's licence conditions.
- Head monitoring is reported monthly to DWER
- Benevap
 - A high temperature evapoconcentrator which can be used to evaporate leachate using the heat from the site's flare, resulting in a much smaller volume of leachate concentrate. This concentrate does not go back into the leachate pond: how it is to be stored is being explored now.
 - The use of a Benevap on site is currently being investigated, with a consultant prepping the Works Approval and Development Applications. These will be submitted in 2022 and it is unlikely that a Benevap would be installed in time for 2022 winter.
 - JM – a plume would be visible from the Benevap, so placement on site will be important. All emissions (air, odour, size of plume etc.) are currently being assessed.
 - Eventually the site's generator will also run from the heat of the flare.

	<p>6.2.5 Litter Management</p> <ul style="list-style-type: none"> • 6m high fence to be completed as detailed above. • 1.8m fence around site perimeter • 400mm apron below fence will go underground to prevent foxes and rabbits digging under. Discussion re direction to face the apron for best effect. <p>6.2.6 Landfill Remediation</p> <ul style="list-style-type: none"> • A consultant has been engaged to look at the capping of Cell 1 – Tronox tailings. • JS – queried who owns the tailings, was of the understanding that they remain owned by Tronox • JM – confirmed that Cleanaway will be responsible for capping the Cell and if Tronox want to access the material in the future, they will need a Works Approval to do so. • JS – believes the Tronox tailings need to stay under a layer of water to prevent rayon gas from escaping. • Current radiation monitoring of the Cell is for dust not gases. JM confirmed that BW is undertaking the radiation safety training, as there is a requirement for a responsible person on the site to be the radiation safety officer. <p>6.2.7 Other Operational Items</p> <ul style="list-style-type: none"> • Nil
7	<p>Other Business</p> <ul style="list-style-type: none"> • Panizza Road <ul style="list-style-type: none"> ○ EL stated that a number of local residents want this gravel road closed due to its use by trucks (not Cleanaway's trucks) accessing the site via this shortcut. ○ JM confirmed that all truck drivers coming to the site must complete an induction which clearly explains that Panizza Road is not to be used. If need be, trucks/loads will be refused if the driver has used this route. ○ EL – is aware of around 2 trucks per day on that road, although they may not be going to the Cleanaway site. The dusts from these trucks is problematic for the local residents. • Wren Oil <ul style="list-style-type: none"> ○ IT queried if Wren Oil is delivering materials to the site. JM confirmed they are, and they are compliant with testing requirements. • Daily cover <ul style="list-style-type: none"> ○ EL asked if this is in place. JM confirmed that water and hydromulch is being used but no flocculant. This may be problematic in summer and Cleanaway will need to buy in material for use as cover (ie more hydromulch).
8	<p>Date of Next Meeting</p> <ul style="list-style-type: none"> • February 2022 – date TBC. JM will send out a calendar invite.
9	<p>Future Meeting Dates</p> <ul style="list-style-type: none"> • To be confirmed at the February 2022 meeting

Action items from last meeting

No.	Action item	Resp.	Status	Notes
<i>Actions from previous meetings</i>				
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	
2020-4	On website, depict Cleanaway site as separate to regional compost facility, including completed activities.	JM	Will be addressed when the Master Plan is released	
2021-1	Investigate conversion of RL information to AHD in all public maps, plans and information about the site.	BW	TBC	
<i>New actions arising from the December 2021 meeting</i>				
2021-2	Dust management - ensure water is being sprayed directly on to the dusty loads as they tip.	BW		
<i>Completed actions</i>				
2020-2	<i>On website, change email address to something like dardanupcommunity@cleanaway.com.au for community contacts.</i>	JM	<i>Completed</i>	
2020-6	<i>Suite of documents that Cleanaway is submitting to the Shire to be presented to the CRG on Thursday 15 October 2020 at 5pm</i>	JM	<i>Completed</i>	
2020-5	<i>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.</i>	SC	<i>Closed</i>	<i>Cleanaway will not be releasing the full Groundwater Report publicly. A summary is available on the Cleanaway website.</i>
2020-7	<i>JM to check if the radiation report can be made available to CRG members and community</i>	JM	<i>Closed</i>	<i>Cleanaway will not be releasing the Radiation Report publicly.</i>