

Meeting minutes

Meeting 3: MRL CRG 2020

Date: Thursday, 20 August 2020
Time: 6.30pm – 7.30pm
Location: Online

Meeting called by	Cleanaway
Type of meeting	Melbourne Regional Landfill Community Reference Group (MRL CRG)
Facilitator	Susan McNair, Currie
Notetaker, Technical assistance	Isabella Grutzner, Currie

Invitees

Attendees	<p>Members</p> <ul style="list-style-type: none"> • Cr Bob Turner, Melton City Council • Cr Bruce Lancashire, Brimbank City Council • Marlene Gormon, Stop the Tip • Mia Marevic, Stop the Tip and resident <p>Cleanaway</p> <ul style="list-style-type: none"> • Bruno Pronesti, Regional Manager • Olga Ghiri, Stakeholder and Community Engagement Manager • Alaa Abou-Antoun, Engineering Manager • Kate Sims, Environmental specialist <p>EPA</p> <ul style="list-style-type: none"> • Sophie Gove, Senior Environment Protection Officer • John Downing, Environment Protection Officer • Simon Muir, Compliance Strategist for West Metro
Apologies	<ul style="list-style-type: none"> • Marion Martin, Stop the Tip and resident • Sharon Lee, Stop the Tip and resident

About these minutes

These minutes and supporting information are in line with the agreed Terms of Reference. Any concerns/queries about papers supporting the MRL CRG should be raised with the Chair/Facilitator, Susan McNair by emailing susan@curriecommunications.com.au.

Meeting agenda and minutes governance

- Meetings held every three months
- Quorum = 5 members (including a minimum of 3 community members, 1 Cleanaway representative and the Chair)
- DRAFT minutes to be provided the community members within two weeks of meeting for comment
- Review period for DRAFT minutes is 21 days (3 weeks)
- Finalised minutes to be distributed and posted on Cleanaway website within 5 working days of finalisation.
- AGENDA items to be proposed to Chair seven working days before the next meeting.
- AGENDA and papers to be distributed five working days before next meeting.

Meeting opened: 6:30pm

1. Community Reference Group governance

S.McNair opened the meeting, welcomed participants and explained how the meeting would proceed and how participants could ask questions through the online format.

Attendees introduced themselves and apologies were given.

M.Gormon raised that the meeting had not reached quorum given that only two community members were present. S.McNair noted that there were also two councillors present and the meeting was being recorded should absent attendees wish to review the meeting.

S.McNair asked the community representatives if they wanted to proceed.

M.Gormon, M.Marevic, B. Turner and B. Lancashire said they were happy to go ahead with the meeting as normal.

S.McNair reminded participants that the meetings are intended to be respectful, constructive and open. Participants are encouraged to listen and participate in the conversations and are expected to take information discussed during the meeting back to their respective networks, peers and organisations.

2. Action items

The actions from the previous meeting were reviewed and updated as follows, with new and ongoing actions recorded in 'Attachment 1: new and ongoing action items':

ACTION items	Update
ACTION 191127_7: B.Turner to explore options for sealing Middle Rd.	<i>Complete, (see 'Attachment 3: Information on sealing Middle Road').</i>
ACTION 200521_1: G.Scott to provide EPA statement confirming leachate ponds are compliant with EPA guidelines and are best practice.	<i>EPA to confirm.</i>
ACTION 200521_2: O.Ghiri to resend B.Turner the link to the MRL community benefit fund applications.	<i>Complete</i>

3. Site operations

K.Sims and A.Abou-Antoun submitted a presentation (see 'Attachment 2: Cleanaway presentation')

K.Sims provided an operations update and reported that:

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- Cell 4B2 is currently being filled. Lift 5 is in stage 4.
- The next phase of gas field infrastructure in stage 3 and 4 has commenced this month.
 - There will be a header line extension and 21 vertical extraction wells installed in Cell 4A.
 - Knock out pots will be installed which aid the with condensate management on-site.
- The planning permit for the gas plant expansion has been issued. Cleanaway is working collaboratively with EPA towards Work Approval.
- Expanding the gas plant through installing eight new landfill gas generator modules would:
 - Double power generating capacity to 68,600MWh of electricity per year
 - Mitigate over 220,000 tonnes of greenhouse gas emissions per year
- Cleanaway has implemented a working face management plan with the key objectives of monitoring safety, odour, litter and vermin.
 - Face measurement is conducted three times a day using handheld GPS to ensure in compliance with licenses.
 - Cleanaway have conducted two rounds of monitoring boundary dust so far, awaiting reports.
 - Litter is being managed through stacking bales, banded walls, litter nets secured with metal clips and 12 metre perimeter nets.
 - Cleanaway is currently filling cell 4a (lift 5) to capture remaining airspace.
 - Litter nets have been re-secured with metal clips along the base of the nets surrounding the active cell.
 - Cleanaway will be raising the litter cages (first line of defense around the working face) to ensure maximum litter defense.
- Leachate redrills are in stage 2. 13 wells have been successfully installed with both leachate and gas extraction. Drilling commenced 20 May 2020, with works on track to finish 1 July 2020.

A.Abou-Antoun provided an engineering update and reported that:

- The current active cells are 4A, 4B1, 4B2, 4B3. However, on any given day there is a single operating face, with a maximum two faces during peak times.
- Cells 4C1 and 4C2 are under construction, with 4C1 estimated to come online late August, and 4C2 due for completion in December/January.
 - Further information about the status of these works can be found in 'Attachment 2: Cleanaway presentation'
- In addition to cell construction, Cleanaway has plans to build a new leachate pond.
 - The existing leachate pond has capacity for the existing landfill, but the new pond would cater for cells 4C1 and 4C2, and the leachate redrill project.
 - As the pond would be outside the current landfill footprint, Cleanaway has applied for a Planning Permit Application which is pending review by EPA and Council.
 - There have been some delays due to the second wave of COVID-19 and Victoria's lockdown.

- It is expected to take 3 months for approval.
 - Pending permit approval, construction will most likely start around January/February 2021
- Cleanaway's rehabilitation plan is in progress with capping due to commence in June 2021.
 - A draft design has been submitted to the EPA auditor.
 - Cleanaway is on-track to have a full detailed design by December this year.
 - The tender will go out in February 2021.
 - Phyto cap trial is still in progress and due for completion in May 2021.

B.Lancashire noted that there are reports that rubbish waste collection has increased due to COVID-19 lockdown and people spending more time at home. He asked if that is having an impact on Cleanaway's operations.

B.Pronesti explained that whilst municipal waste volumes have increased, CNI volumes have dropped, meaning overall Cleanaway is actually down approximately 10% on incoming volumes.

B.Lancashire raised that earlier in the year the MRL CRG had discussed the opportunity to plant trees and develop an urban forest, and whether that was possible on capped cells. The advice at the time was that the fill is not deep enough for trees to be planted. There was discussion around planting shrubs instead and the conclusion was to revisit this idea later in the year. B.Lancashire enquired how the consideration of planting shrubs is progressing, or whether an extra layer could be added to the cap to allow tree planting.

A.Abou-Antoun stated that Cleanaway's main priority at the moment is to be compliant with the EPA. He noted that adding an extra layer of soil is open to discussion with the council later but flagged that this may add to height to the landfill.

B.Pronesti said he is unsure what stage the investigation into vegetation options is at, but will contact the rehabilitation manager to find out, and will share details with B.Lancashire when he finds out.

B.Lancashire also asked about the potential for solar panels to be installed on top of the capped cell.

A.Abou-Antoun responded that it is possible and in relation to the MRL site, it's open to future discussion with the council and consideration. Cleanaway is currently investing in south-east closed landfills.

<p>ACTION 200820_1: B.Pronesti to provide B.Lancashire with further information from rehabilitation manager on investigation into vegetation options.</p>
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4. Environmental compliance

The EPA did not prepare or submit a presentation, however J.Downing and S.Gove provided an update on environmental compliance.

J.Downing gave an overview of the status of remedial notices issued to Cleanaway:

- A Pollution Abatement Notice (PAN) was issued in March for exposed waste outside. EPA inspected the site in July and revoked the PAN after observing compliance had been achieved.
- In May the EPA issued a clean-up notice for incorrectly disposed waste in Cell 3B. The compliance date has been extended to December.

B.Lancashire asked what is meant by “incorrectly disposed” waste.

J.Downing clarified that the EPA found waste on top of the cell that had been used as erosion control but was in fact waste. They issued clean up notice to dispose of waste appropriately. The waste does not necessarily need to go to landfill, it can be composted and recycled.

S.Gove continued the EPA presentation, reporting that:

- Over the past three months there had been four odour reports; one from Burnside in June, two from Derrimut in July and one from Caroline Springs.
- S.Gove and J.Downing have been continuing their monthly inspections. Due to lockdown restrictions these inspections are now conducted online via Teams and drone surveys.
- Following a drone survey conducted by the EPA on 22 May, they issued two infringement notices – one for exposed waste, and one for tipping face – on 7 July.

B.Turner asked if there had been a change in the number of complaints over the past 12-24 months and requested a year-on-year summary be made public.

EPA did not have the statistics to hand but said internal analysis would occur and agreed to provide a summary report at the next meeting.

ACTION 200820_2: EPA to provide a year-on-year monthly comparison of complaints and table at next MRL CRG meeting.

O.Ghiri commented that Cleanaway did not receive notice of these complaints.

ACTION 200820_3: S.Gove to connect O.Ghiri with Rosa at the EPA to ensure Cleanaway is kept in the loop on all odour and windblown litter complaints.

M.Marevic asked if the four odour reports were investigated.

J.Downing responded that they were not investigated as they were one off reports, and not a cluster. He explained that EPA must receive a certain number of complaints within a specific time frame to be regarded as an incident and warrant an investigation.

B.Lancashire asked if the drone's were providing the EPA with enough information and picture quality for their inspections.

J.Downing said EPA has their own drone pilots and a number of different types of drones, allowing them to conduct thorough inspections remotely.

5. Community engagement

O.Ghiri provided a community engagement update, reporting that:

- In mid-August Cleanaway completed the tail end of the community engagement program for the West Gate Tunnel Project proposal.
- Cleanaway hosted 5 webinars, with 36 registered attendees, including three representatives from the Council. Three people did not show up, but O.Ghiri has reached out to them to see if they still wish to be informed. MRL community benefit fund was advertised throughout April.
- As more information about the project proposal comes to light, Cleanaway will continue to keep the community informed and up-to-date.
- Round 2 of the Cleanaway Community Fund is complete. O.Ghiri, B.Lancashire, B.Turner and M.Marevic were involved in the review process. They agreed on five successful applications. The \$50,000 fund will be split across the five worthy grant recipients, with funds to be dispersed over the next month. A celebration will be held, but has been slated for next year due to COVID-19 restrictions in Victoria.

B.Lancashire asked if there was an indication of timeline for West Gate Tunnel Project process.

B.Pronesti stated that Cleanaway does not know when the tender will be awarded. They have submitted all the required documentation to EPA and to the Joint Venture.

6. Schedule of 2020 meetings

The final MRL CRG meeting for 2020 will be held on Thursday 19 November at 6:30pm

This meeting's deadlines were also determined after the meeting, and are as follows:

MTG 4 2020 (19 November 2020)	
AGENDA items to be proposed to Chair	10 November
AGENDA and papers to be distributed	12 November
Meeting 6:15pm for 6:30 PM start - 8:30 PM	19 November
Draft minutes to be provided for comment	3 December
Draft minute review	3 – 14 December
Finalised minutes to be distributed and posted on Cleanaway website	18 December

7. Other business

S.McNair closed the meeting and reminded participants to share minutes and discussion outcomes with their community, networks and respective organisations.

Meeting closed: 7.30pm

Attachment 1 – new and ongoing action items

New and ongoing actions items as at 20 August 2020	
ACTION items	Update
ACTION 200820_1: B.Pronesti to provide B.Lancashire with further information from rehabilitation manager on investigation into vegetation options.	
ACTION 200820_2: EPA to provide a year-on-year monthly comparison of complaints and table at next MRL CRG meeting.	
ACTION 200820_3: S.Gove to connect O.Ghiri with Rosa at the EPA to ensure Cleanaway is kept in the loop on all odour and windblown litter complaints.	

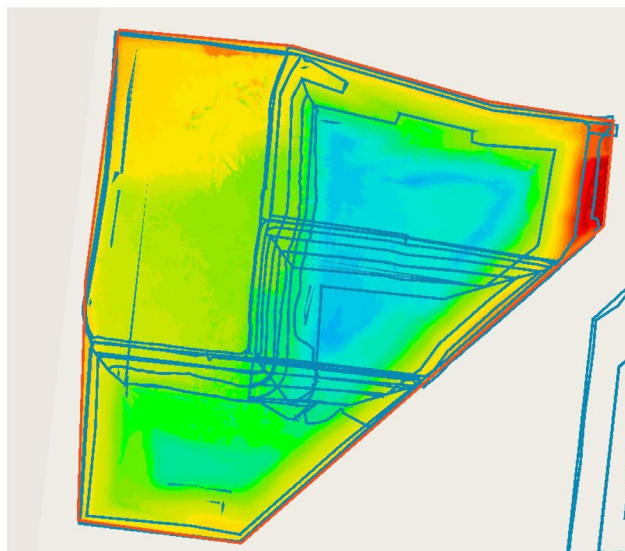
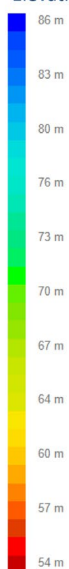
Attachment 2 – Cleanaway presentation



Operations Update

Fill progression – Finalising the lift 5 in stage 4

Elevation



Operations Update

Landfill Gas Collection Update



- The next phase of gas field infrastructure in stage 3 and 4 has commenced this month. There will be a header line extension and 21 vertical extraction wells installed in Cell 4A.
- Knock out pots will be installed which aid the with condensate management on-site.

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Operations Update

Gas Plant Expansion

- Install 8 new landfill gas generator modules
- Double power generating capacity to 68,600MWh of electricity per year
- Mitigate over 220,000 tonnes of greenhouse gas emissions per year
- Approvals: Planning permit issued and Cleanaway working collaboratively with EPA towards a Work Approval



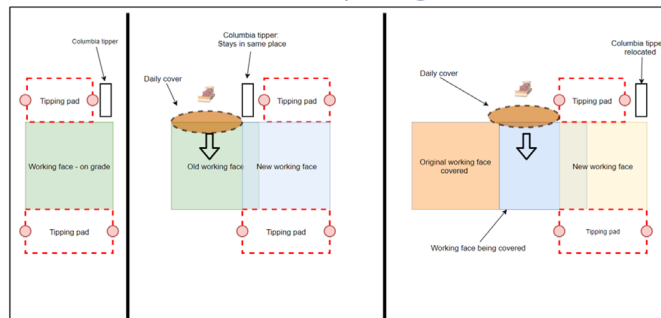
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Operations Update

Working Face Management

- Management Plan in place
- Safety, Odour, Litter & Vermin
- Waste Compaction - life of landfill, odour reduction, settlement and stability
- Technology - (Visionlink and Propeller) – Field planning, compaction, Face size
- Weekly in house drone fly overs
- Daily odour inspections
- Face measurement - 3 times a day using handheld GPS



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Operations Update

Litter Management and Filling Progression

- Currently filling in Cell 4A (lift 5) to capture the remaining airspace.
- Litter nets have been re-secured with metal clips along the base of the nets surrounding the active cell
- Will be raising the litter cages (first line of defense around the working face) to ensure maximum litter defense.



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Leachate Redrills in Stage 2

Project summary:

- 13 wells to be installed.

Current status of works:

- The wells have all been successfully installed with both leachate and gas extraction.
- Gas extraction to main environmental control.
- Leachate is currently being drawn down in stage 2 and discharged into the site leachate pond for aeration.



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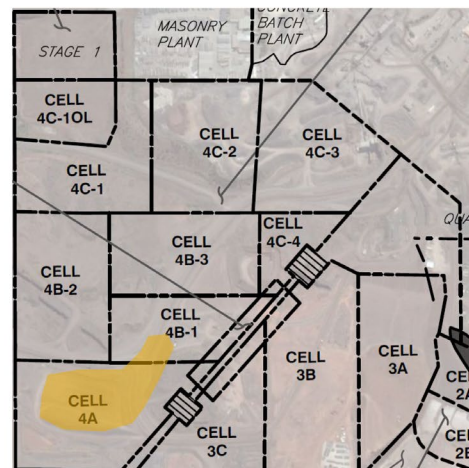
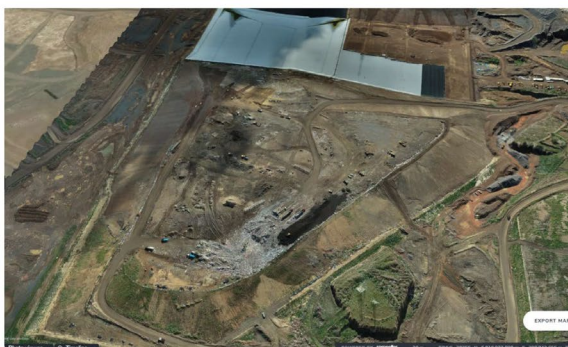
Operations Update

Stage 4

Currently finalizing (lift 5)

Whilst Licenced cells are 4A, 4B1, 4B2 and 4B3, this does not imply the operational area is spanning across the entire Stage 4 area.

At any given day, a single operating face (maximum of two faces during peak times) is open within a dedicated area until the waste height has reached design level, then onto the next block and so on.



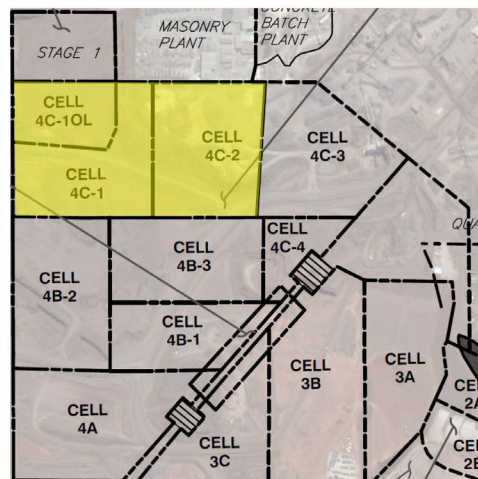
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Operations Update

Current cells under Construction – Cell 4C1 and 4C-2

- Cell 4C1 due to come online late Aug
- Cell 4C2 due to come online Dec/Jan

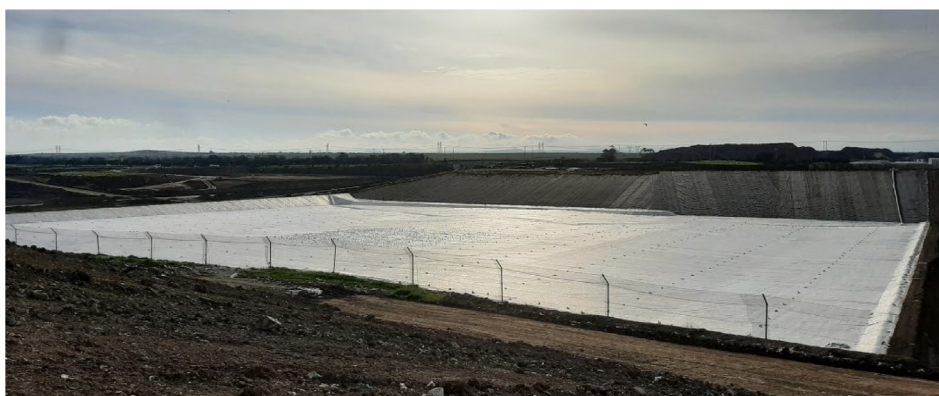


Cell Status and PC Dates (4C1)

Shamrock works officially started 8th January 2020
Boral Land released was issued 20th December 2019

- Subgrade works: 100% complete
- Compacted Clay Liner: 100%
- GCL/Geomembrane: 100%
- Geotextile Cushion: 100%
- Leachate Drainage Aggregate: 100%
- Geotextile Filter: 100%

Key Milestones / Items	Cell 4C1
Practical Completion Date	25-May-20
Inclement Weather Allowance	25-Jun-20
Auditor Sign-off	01-July-20
EPA Approval	28-August-20
Airspace reached by:	31-December-20
Airspace Buffer (relative to 4C1 construction)	12 weeks



Cell Status and PC Dates (4C2)

Shamrock works officially started 23rd April 2020

- Subgrade works: 100% complete
- Compacted Clay Liner: 90%
- GCL/Geomembrane: 30%
- Geotextile Cushion: 30%
- Leachate Drainage Aggregate: 0%
- Geotextile Filter: 0%

Key Milestones / Items	Cell 4C1
Practical Completion Date	01-Nov-20
Inclement Weather Allowance	01-Dec-20
Auditor Sign-off	07-Dec-20
EPA Approval	10-Jan-20
Airspace reached by:	01-Jul-21
Airspace Buffer (relative to 4C1 construction)	6 months



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Cell Status and PC Dates (4C1 and 4C2)



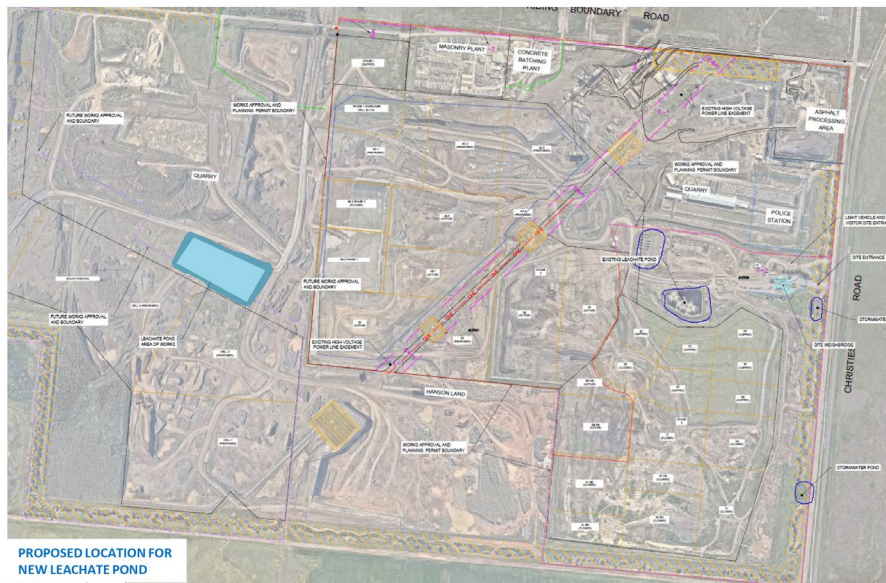
Aerial image taken of Cell 4C 1 and 4C2 (August 2020)

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Proposed Leachate Pond

New leachate pond construction is pending Planning Permit Application with Council. Likely to start construction early 2021

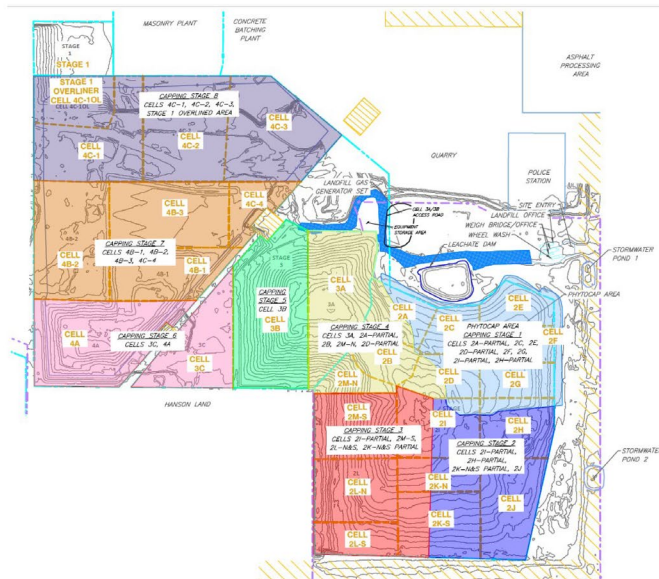


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Operations Update

Rehabilitation Plan



- Phyto cap trial is still in progress and due for completion in May 2021
- Early works currently taking place in preparation for future capping is the installation of additional LFG infrastructure (stage 2/3 and stage 3/4) and compliance with the Leachate Redrill (PAN)
- 13 leachate bores to be re-drilled in accordance with PAN – Complete
- Interim capping has taken place over completed cells as best practice
- Once the trial is approved, capping works will occur continuously in approximately 15Ha phases per hatched areas shown

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Home Safe

We take responsibility for our personal safety, as well as that of our team. We are committed to Goal Zero, because everyone deserves to go Home Safe, every day.



Stronger Together

Building from a place of strength, we are focused on creating something stronger than the sum of our parts each and every day.



Integrity

We do the right thing – no matter what. Holding ourselves to higher standards, we say what we mean, and we do what we say.



We Make A Difference

We are proud of what we do to make a sustainable future possible – for our employees, our customers, our investors, the communities in which we work, and the planet.

Attachment 3 – Information on sealing Middle Road

Middle Road, Truganina will be urbanised accordingly through the Precinct Structure Plan process for both Derrimut Plains and Ravenhall PSPs. At this point, the development of these PSPs has not been identified in the short term. These PSPs will determine the function of the road in our road network with any upgrading be either undertaken by developers or at least funded by developers through the Infrastructure Contributions Plan (ICP) mechanism.

It is noted that Middle Road is identified within Councils Unsealed Roads Strategy, however due to low traffic volumes and identification of upgrades within a future PSP, it is not a current priority.

At this stage the road is maintained as a rural road in accordance with Councils Road Management Plan. Regular inspections are undertaken to identify any defects and to ensure that appropriate maintenance is carried out to keep the roads in a safe condition.

Notwithstanding this, any defects or hazards that are identified by the public can be reported through our Customer Service staff and an interim inspection of the road and rectification of identified minor defects would be scheduled accordingly.