

# Woodlawn Eco-Precinct

## Community Liaison Committee Meeting Minutes

<b>Date</b>	Thursday 3rd March 2022	<b>Time</b>	5:00 pm
<b>Coordinator</b>	Justin Houghton	<b>Location</b>	Woodlawn Conference Room

### Committee List ✓

<b>Name</b>	<b>Present</b>	<b>Name</b>	<b>Present</b>
Justin Houghton (JH) (Veolia)	✓	Sandra Ellson (SE) (Community)	X
Cr Andy Wood (AW) (GMC Cr)	✓	Scott Martin (SM) (GMC Designated Off)	✓
Simon Reynolds (SR) (Community)	✓	Cid Riley (CR) (Community)	X
Adrian Ellson (AE) (Community/TADPAI)	✓	Kym Wake (KW) (Chair)	✓
Cr John Preston (JP) (QPRC Cr)	✓	Richard Kirkwood (RK) (Community)	X

### Guests/Observers ✓

<b>Name</b>	<b>Present</b>	<b>Name</b>	<b>Present</b>
Marea Rakete (MR) (Veolia) (minutes)	✓	Tobias Stanley (TS) (Veolia)	✓
Brett Jones (BJ) (Veolia)	✓		

### Minutes

	<b>Welcome</b>
	Meeting opened with Welcome to Country and CLC welcomed the first meeting of 2022.
<b>1</b>	<b>Present / Apologies</b>
	Apologies: OM, SE. AE suggests extending the invite to Denzil Sturgiss as community rep as a replacement for SE.
<b>2</b>	<b>Approval of Previous Minutes</b>
	Minutes accepted without change.
<b>3</b>	<b>Matters Arising from Minutes</b>
	1. Point 4.6 of the previous meeting minutes re: "40% of Sydney Waste" is still on the website. JH to follow-up with the Comms and Engagement team. KW suggests changing wording eg. use tonnage as opposed to percentage. JH said that tonnage will change constantly while a percentage is a ballpark. When correct no. is ascertained and published, this will be shared with CLC.
<b>4</b>	<b>New Business</b>
	1. Resignation of Chair Resignation received from Owen Manley by email on 15/02/22. Invitation extended to Community reps (KW, AE and SR) to nominate. KW nominated and seconded as Chair.

	<p>2. Veolia CLC Charter New CLC members are recommended to read the Charter to understand CLC rules and etiquette. A copy of the Charter was distributed.</p> <p>Veolia to send email to CLC members in order to confirm ongoing membership and nominate as required.</p>
<b>5</b>	<b>Woodlawn Eco-Precinct Operational Update (Slide)</b>
<b>5.1</b>	<p><b>Bioreactor and Leachate Treatment Plant (TS)</b> Year-to-date waste receipt and odour complaint stats were presented for the Bioreactor, with a summary of LTP activities.</p>
<b>5.2</b>	<p><b>Bioenergy and Mechanical Biological Treatment (TS)</b> Energy generation and gas capture was presented, with Year-to-date incoming and outgoing stats for the MBT.</p>
<b>5.3</b>	<p><b>Site Water Balance including Leachate Treatment (JH)</b> Ongoing weather challenges have impacted on the site water balance and water storage capacity at the Bioreactor, causing set backs in the construction of additional liquid storage dams. Existing storage dams are at freeboard, and dam volumes are being managed to prevent any off site discharge. Veolia is maintaining leachate extraction and treatment rates.</p>
<b>5.4</b>	<p><b>Odour Management (JH)</b> JH explained that H<sub>2</sub>S concentration in Landfill gas has begun to decrease after reaching a peak value in mid January. Gas extraction rates have also increased due to starting a new lift. A combination of dryer weather and increased extraction has resulted in a noticeable decrease in odour complaints. Veolia's odour management strategy and implemented changes in surface profiling was explained.</p>
<b>5.5</b>	<p><b>Independent Environmental Audits (MR)</b></p> <ul style="list-style-type: none"> <li>a. Independent Odour Audit Will be undertaken by The Odour Unit Pty Ltd in March 2022. <ul style="list-style-type: none"> <li>i. Odour Diaries A detailed odour complaint analysis will also be undertaken that will include an assessment of environmental parameters and community odour diaries.</li> </ul> </li> <li>b. Leachate and Water Management System Audit Will be undertaken by Jackson Environment and Planning in March 2022.</li> <li>c. MBT Independent Environmental Audit Will be undertaken by Ramboll Australia in March 2022.</li> </ul>
<b>6</b>	<b>General Business</b>
<b>6.1</b>	<p><b>Bungendore/Tarago Road Maintenance (Update from QPRC) (via email dated 11/03/22)</b> JP advises that Stage 1 of the Tarago Road project is approx. 2km. The project has commenced and road users will see works underway. The estimated cost for stage 1 is \$3M with a 10% contingency. Construction (stage 1) is proposed to be completed in the 3<sup>rd</sup> quarter of next financial year.</p> <p>The works progress planning will commence on stage 2 of the project (ie continue to the north)</p>

6.2	<p>Council (QPRC) only has the delegated authority for speed zoning within roadwork sites. Currently there is a roadwork speed zone from Mt Fairy road through to the area of heavy patching. These road work speed limits will be extended through the works. Staff will inspect and determine if further reductions beyond the current stage 1 project are achievable.</p> <p>AE asked that Veolia also limit vehicles using the road to daylight hours. This request has been communicated to veolia customers.</p> <p><i>a. Email dated 23/02/2022</i></p> <p>JH acknowledged the terrible state of the road in question. Veolia is contacting all of its customers to limit driving hours to daylight hours. This will remain in place until roadworks are completed. Woodlawn will be monitoring incoming vehicles and any offending customers will be banned. KW queried if a temporary reduced speed limit can be imposed until the road is improved.</p> <p><b>Regional Waste - Planning Modification Update</b></p> <p>JH advised there has been no progress on this planning modification at this stage. AE queried if the 200,000t limit is going to be in the EIS. JH advised no as it has not yet been applied for and not quite relative to the ARC project but the project team is seeing how they can reference future proposals even if they are not approved.</p> <p>AE is concerned that Veolia is not communicating its long term intentions. Increasing regional tonnage has always been the plan, and through the planning process the community will be made aware. KW queries if roads works are even being undertaken to spec based on poor quality of maintenance work. JP advised QPRC roadworks at Captains Flat are being completed to standard.</p> <p><b>FOGO Processing Stage 1 @ MBT</b></p> <p>Incoming year-to-date FOGO tonnage stats was explained, including the utilisation of the recovered material (compost) for agricultural purposes on Veolia's Pylara Farm.</p>
7	<b>Other Business</b>
7.1	<p><b>Project Development - Woodlawn Eco-Precinct</b></p> <p><i>a. Woodlawn Advanced Energy Recovery Centre</i></p> <p>Project status update was provided. AE is in discussions with Veolia's Comms and Engagement team re: Veolia CEO attending a TADPAI meeting. A briefing has also been set-up with QPRC.</p> <p><i>b. FOGO Processing Stage 2</i></p> <p>Veolia is currently going through the regulatory approval and preliminary design process for Stage 2 which is due to begin in 2023.</p>
7.2	<p><b>Regulatory Matters</b></p> <p><i>a. DPIE and EPA Site Visit - Tuesday 22nd February 2022</i></p> <p>The main objective of the site inspection was to obtain an overview of current operations being undertaken at the site, with a focus on water management due to recent extreme weather events.</p> <p><i>b. Transport Code of Conduct</i></p> <p>It is a PA requirement that the TCC is distributed to Transport for NSW, GMC, QPRC and CLC for consultation. The CLC was asked to review and provide feedback within the next few weeks. A copy of the TCC was distributed.</p>

<b>7.3</b>	<p>c. Operations on Sunday 6th March 2022 In accordance with the Woodlawn Bioreactor EPL, Veolia has applied to the EPA for written approval to manage the backlog of Sydney waste due to recent extreme rain events.</p> <p><b><i>Proposed New VCLC Agenda and Communications Plan</i></b></p> <ul style="list-style-type: none"><li>a. CLC meeting agenda that focuses on current issues</li><li>b. Monthly updates to the CLC on progress</li><li>c. Tarago Times community article that reflects CLC matters</li></ul> <p>AE, TADPAI through the EIS wants CLC to move to CCC where the Chair is appointed by the Department to maintain independence. KW suggests that meeting minutes be drafted and potentially approved via email. The CLC is invited to share improvement suggestions.</p>
<b>8</b>	<b>Meeting Closed by Chairperson</b>
	Meeting Closed by Chairperson at 6:45pm.

**Attachments:**

1/ Veolia CLC Meeting #10 Operational Presentation

# Woodlawn Eco-Precinct Community Liaison Committee Meeting

Thursday 3rd March 2022

NSW Woodlawn Eco-Precinct  
619 Collector Road / Tarago / NSW 2580 Australia  
off.: +61 2 8588 1360  
[www.veolia.com/anz](http://www.veolia.com/anz)



# Welcome

*Veolia acknowledges Ngunnawal people as the traditional custodians of the lands and waters in which we live and work and their continuing connection to land, water and community. We pay respects to their Elders past, present and emerging.*

*Welcome and thank you! Effective community consultation is a participatory process that underpins genuine community development. The purpose of the Woodlawn Community Liaison Committee is to help us better understand what the community values and inform us of issues that the community finds important so we can provide feedback and improve our processes.*



# MEETING AGENDA

Item	Topic
1	<i>Present/Apologies</i>
2	<i>Approval of Minutes of Previous Meeting</i>
3	<i>Matters Arising from Minutes</i>
4	<i>New Business</i>
5	<i>Woodlawn Eco-Precinct Operational Update</i>
6	<i>General Business</i> <ul style="list-style-type: none"><li>1. <i>Bungendore/Tarago Road Maintenance</i></li><li>2. <i>Regional Waste - Planning Modification Update</i></li><li>3. <i>FOGO Processing Stage 1</i></li></ul>
7	<i>Other Business</i> <ul style="list-style-type: none"><li>1. <i>Project Development - Woodlawn Eco-Precinct</i></li><li>2. <i>Regulatory Matters</i></li><li>3. <i>Proposed New VCLC Agenda and Communications Plan</i></li></ul>
8	<i>Meeting Closed by Chairperson</i>

# | Approval of Previous Minutes



# | Present / Apologies

# Matters Arising from Minutes

# New Business

1. *Resignation of Chair*
2. *Veolia CLC Charter*

# Operational Update

1. *Bioreactor and Leachate Treatment Plant*
2. *Bioenergy and Mechanical Biological Treatment*
3. *Site Water Balance including leachate treatment*
4. *Odour Management*
5. *Independent Environmental Audits*

# ECO-PRECINCT OPERATIONAL UPDATE

## Bioreactor

### YTD Waste Received (27th February 2022)

- Regional Waste 18,060t
- Sydney Waste 97,043t
- MBT Residual 10,929t

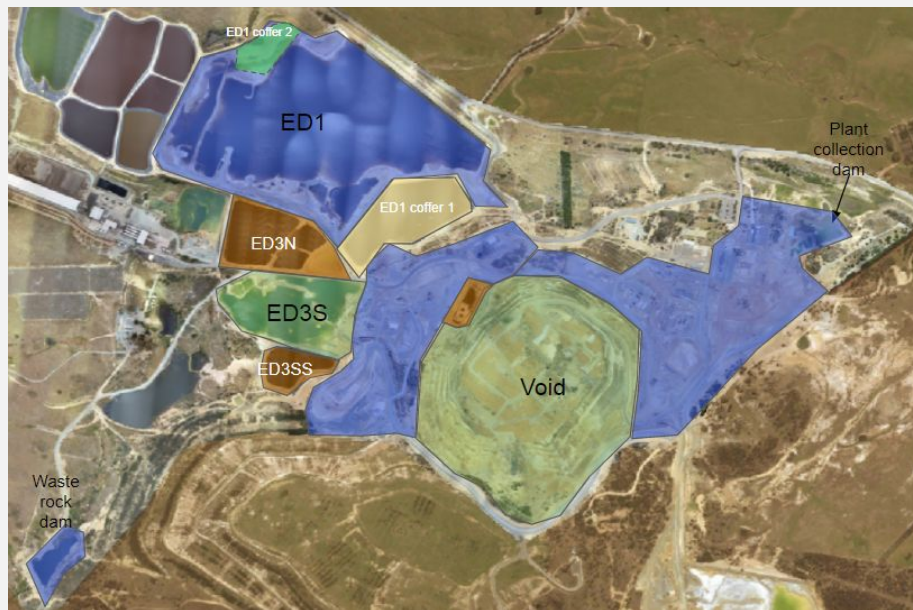
### YTD Complaints Register (27th February 2022)

- Odour Complaints (27)
  - January (21)
  - February (6)
- Road Traffic (1)

## Leachate Treatment Plant

### Discharge to Evaporation Dam

- Total cumulatively discharged 274,918m<sup>3</sup> of permeate
- Additional UF Skid has been constructed and is en route to Australia that will increase throughput of LTP.
- Additional Dams are currently under construction - rain delays have impacted completion



# ECO-PRECINCT OPERATIONAL UPDATE

## Bioenergy

### YTD Biogas Capture (27th February 2022)

- Energy Generation 8,538 MWh
- 48,790 tCO<sub>2</sub>-e CH<sub>4</sub> captured
- In 2022, averaging 24,395 tCO<sub>2</sub>-e monthly to removing 67,406 cars off the road each month
- Additional manifold installed to the waste surface for gas extraction (end of 2021) has now been reconnected with Super KOP installed

## MBT

### YTD Waste Processed (27th February 2022)

- Sydney Waste 21,302T
- MWOO to Bioreactor (ADC) 3140.360T
- WOO to Tailings 2716T
- Ferrous Recovery 20T



# ECO-PRECINCT OPERATIONAL UPDATE

## Site Water Balance

- Weather challenges since over the last 2 years.
  - 1,168mm of rain in 2021 - 3 times the whole year of 2019 = 369mm)
  - High rainfall continues - 182.9 mm so far in 2022
- Low temperature and high humidity conditions - impact evaporation and storage volumes
- Current lined storage dams have reached freeboard.
- Woodlawn will remain non-discharge state and any overflow of storage dams will go to ED1 not off site (500+ML of capacity remains).
- Construction of Coffey Dam 2 - 60ML
- T & I Projects - Evaporation, further treatment and/or more storage capacity

## Leachate Treatment

- We need to maintain extraction from the bioreactor to ensure gas extraction.
- 90,986m<sup>3</sup> of leachate have been extracted from the void and treated on site since 1st of September 2021 (EPA licence period).
- LTP is working at the design capacity of 4 L/s throughput.
- LTP treated an average of 4.09 L/s for the month of February.

# ECO-PRECINCT OPERATIONAL UPDATE

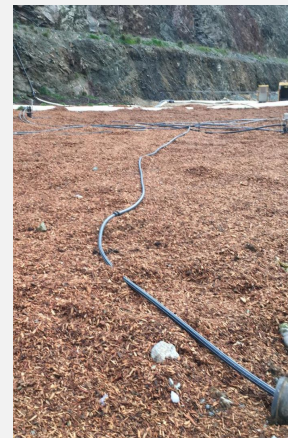
## Odour Management

### Recent changes of the operation and gas conditions:

- H<sub>2</sub>S concentration in Landfill gas (LFG) started to decrease gradually after reaching a peak value in mid January at 2,361ppm to 1,200ppm in late February. This is largely due to the dryer weather conditions during February.
- Gas extraction has been up and down due to starting a new lift, however is back up during February. (3,486m<sup>3</sup>/hr in January to 3,723m<sup>3</sup>/hr in February)
- Dryer weather, lower H<sub>2</sub>S and increase gas extraction has seen in less odour complaints in February (Jan - 21 & Feb - 6).

### Veolia's management strategy consists of:

- Changes to the surface profile have started in the new lift (Pyramid to Tent profile) - this has started
  - This will improve the management and separation of stormwater and leachate and
  - Reduce the potential for stormwater ingress into the waste mass
- Monthly surface gas monitoring of Methane and H<sub>2</sub>S to target fugitive emission hot spots
  - Apply more cover material
  - Install more LFG extraction wells
  - Apply biofilter material
- Trialling Drone methane emissions surveying of waste surface (Location and concentration)





# ECO-PRECINCT OPERATIONAL UPDATE

## Independent Environmental Audits

### Annual Independent Odour Audit - The Odour Unit Pty Ltd

- Fieldwork component during the week starting 14 March 2022
- A detailed odour complaint analysis will also be undertaken as part of this year's Audit that will include an assessment of environmental parameters.
  - Odour Diaries will be collected prior to the Audit for inclusion in the assessment
- Due March 2022

### Annual Leachate and Water Management System Audit - Jackson Environment and Planning

- Fieldwork component to be confirmed
- Due March 2022

### 3-Yearly MBT Independent Environmental Audit- Ramboll Australia Pty Ltd

- Fieldwork component during the week starting 14 March 2022
- Due March 2022

# General Business

1. *Bungendore/Tarago Road Maintenance (Update from QPRC)*
2. *Regional Waste - Planning Modification Update*
3. *FOGO Processing Stage 1 @ MBT*

# GENERAL BUSINESS

## Bungendore/Tarago Road Maintenance Update

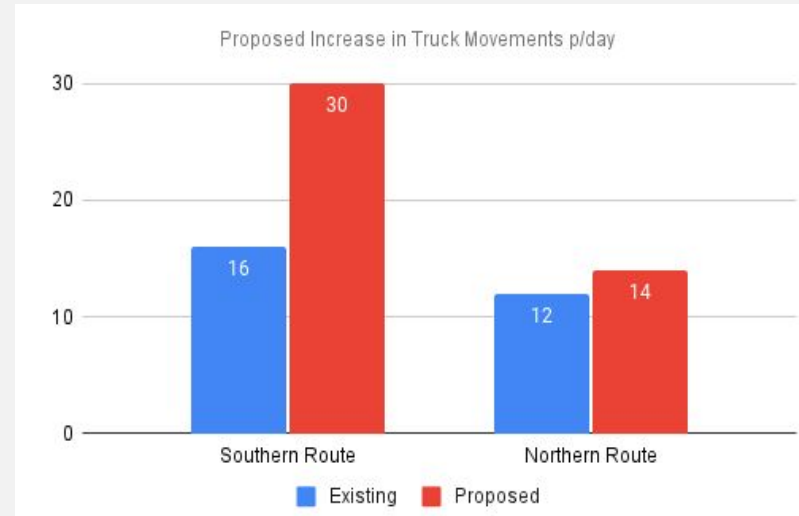
- QPRC to provide update on road maintenance plan
- Veolia spoke to QPRC in relation to road works on Bungendore Road - council representative was going to find out what the schedule was - no update yet.
- Two sets of surveyors seen on the road today!
- Email dated 23/02/2022 (AE)
- Sales are currently making contact with all customers - Notifying that while the road is in disrepair Veolia will not accept any customers who travel on the bungendore road between Bungendore and Woodlawn before daylight (Currently 6.30am).

# GENERAL BUSINESS

## Regional Waste Planning Modification (On hold)

- Veolia plans to increase tonnage volumes from 130 ktpa to 200 ktpa to service regional market demand.
- Demand includes - Source segregated organic processing at the MBT - municipal and commercial FO, GO and FOGO, plus Commercial and demolition residual waste which will be landfill.
- This results in an increase from an average of 16 trucks to 30 trucks p/day from the south, and an average of 12 trucks to 14 trucks p/day from the north.
- This would not be implemented until regulator approval and the Bungendore road has been repaired.

These figures include regional waste collection only and excludes any public works clean-up project waste.



# GENERAL BUSINESS

## FOGO Processing Stage 1 at the MBT

- Operation of the MBT FOGO project Stage 1 started on 11/01/2022
  - FOGO Waste processed (11/01/2021 - 28/01/2022) - 2,440 Tons
  - Stage 1 of the projects expects to process 14,000 Tons of FOGO Waste per annum
- FOGO compost application plan is being developed and expected to initially be used for agricultural purposes on the Pylara farm.
- FOGO process is currently being closely monitored for safety, environmental and process improvements.

# Other Business

1. *Project Development - Woodlawn Eco-Precinct*
2. *Regulatory Matters*
3. *Proposed New VCLC Agenda and Communications Plan*

## OTHER BUSINESS

### Project Development - Woodlawn Eco-Precinct

#### Woodlawn Advanced Energy Recovery Centre

- Final stages of preparation EIS is still underway
- Public Exhibition is likely to be in the coming months - you will be notified
- Survey on communications preferences is on the ARC website - [veolia.com/anz/TheArc](https://veolia.com/anz/TheArc)
- Get in touch with the Project Team if you have questions

#### FOGO Processing Stage 2

- FOGO Stage 2 is to process up to 70,000 tpa. Veolia is currently going through the regulatory approval process and preliminary design with operation planned for 2023.

# OTHER BUSINESS

## Regulatory Matters

### DPIE and EPA Site Visit - Tuesday 22 February 2022

- Woodlawn welcomed officers from the NSW Environment Protection Authority (EPA) and NSW Department of Planning, Industry and Environment (DPIE)
- The purpose of the meeting/inspection is to obtain an overview of current operations being undertaken at the site, with a focus on water management, which will include LTP operation and the current storage capacity of onsite dams.

### Transport Code of Conduct

- Woodlawn's Transport Code of Conduct is in the progress of being updated 2021
- It is a PA requirement that it is distributed to Transport for NSW, GMC, QPRC and CLC for consultation.
- A copy has been provided at this meeting for discussion and/or feedback from all stakeholders at the next meeting.
- All of Woodlawns' customers will be required to acknowledge receipt and understanding of the TCC.



## OTHER BUSINESS

### Regulatory Matters cont.

#### Operations on Sunday 6th March 2022

- As a result of the current state of emergency conditions in NSW - the rail line between Sydney and Woodlawn was closed on the 2nd and 3rd of March, which has caused a backlog of waste at our Sydney facilities. This, along with the fact that most waste disposal sites are closed in the Sydney region at the moment, Veolia has requested approval to operate on Sunday the 6th of March in order to clear the backlog of waste.
- If it remains in the transfer station not only will it be an operational inconvenience for the site and related customers, it will become a safety and health risk to the workers.
- At this stage we will only be running a single train of up to 40 containers.
- Notify the CLC

## OTHER BUSINESS

### **Proposed New VCLC Agenda and Communications Plan**

- Veolia is proposing a CLC meeting agenda that focuses on more accountability - What are we doing, Why we are doing it and what the result will be (what improvements will be seen).
- Monthly updates to the CLC on progress
- Tarago Times community article that reflects these CLC matters
- Relevant and consistent messaging



# Next Meeting

*The next Community Liaison Meeting will be held at the Woodlawn Eco-Precinct on Thursday 2nd June 2022 at 5.00pm, or otherwise agreed.*

