

Woodlawn Eco-Precinct

Community Liaison Committee Meeting Minutes

Date	Thursday 9th December 2021	Time	5:00 pm
Coordinator	Justin Houghton	Location	Woodlawn Conference Room

Committee List ✓

Name	Present	Name	Present
Justin Houghton (JH) (Veolia)	✓	Sandra Ellson (SE) (Community)	X
Cr Denzil Sturgiss (DS) (Community)	✓	Scott Martin (SM) (GMC Designated Off)	✓
Simon Reynolds (SR) (Community)	✓	Cid Riley (CR) (Community)	X
Adrian Ellson (AE) (Community/TADPAI)	✓	Owen Manley (OM) (Tarago Men's Shed)	X
Cr Mark Schweikert (MS) (QPRC Cr)	X	Richard Kirkwood (RK) (Community)	X
Kym Wake (KW) (TADPAI)	✓		

Guests/Observers ✓

Name	Present	Name	Present
Marea Rakete (MR) (Veolia) (minutes)	✓	Tobias Stanley (TS) (Veolia)	✓
Ramona Bachu (RB) (Veolia)	✓	Nicole Boukarim (NB) (Veolia)	✓

Minutes

	Welcome
	Meeting welcomed and declared open by the Chair at 5.13pm (KW)
1	Present / Apologies
	Sandra Ellson (SE), Owen Manley (OM), Denzil Sturgiss (DS) in attendance as a visitor only
2	Approval of Previous Minutes
	Approval of Previous Meeting Minutes - Accepted without change (KW)
3	Matters Arising from Minutes
	Matters Arising from Minutes 1. Discussion re: EPA H2S Study (AE)
4	Woodlawn Eco-Precinct Operational Update (Slide)
4.1	Bioreactor and Leachate Treatment Plant (TS/JH) Explained the process of investigating road traffic incidents/complaints. AE explained the condition of the road is unacceptable (too narrow for the traffic utilising the road) considering QPRC receives funding for this sole purpose. Bungendore Road is considered as a regional road by Transport for NSW.

4.2	<p>Bioenergy (TS) Energy generation and gas capture was explained, including installation of an additional manifold for improved gas extraction.</p>
4.3	<p>Mechanical Biological Treatment (JH) Explained the difference between MWOO and WOO. Tailings trail will continue regardless that Heron is in Administration.</p>
4.4	<p>Site Water Balance including leachate treatment (JH) Weather challenges and storm events experienced over the last two years have impacted on the site water balance and water storage capacity at the Bioreactor, and delays continue to delay lining of much needed additional liquid storage dams.</p>
4.5	<p>Independent Environmental Audits (TS) All Independent Environmental Audits have been completed in accordance with the Woodlawn Expansion Project Approval for the 2021 and have been published on the Veolia website.</p>
4.6	<p>Odour Management (JH) Further explained that Veolia recently closed/covered a large area open for local waste that was causing odour concerns. AE mentioned that in his opinion Veolia is close towards worlds best practice, the only downfall is odour.</p> <p>Information on the Veolia website is false/misleading re: 40% of Sydney waste. JH to follow up with Veolia Comms and Engagement Dept. around reasoning/logic. Woodlawn operates on tonnage, not percentage.</p>
5	General Business
5.1	<p>Bungendore/Tarago Road Maintenance Refer to the commentary above.</p>
5.2	<p>Regional Waste - Planning Modification Update JH advised this is currently on hold. Regional waste increase is on hold until traffic impact assessment approved by GMC. AE queried tonnage received ie. truck no.'s coming in from Braidwood via Tarago.</p>
5.3	<p>FOGO Processing Stage 1 @ MBT JH explained that capex has been approved and the plant has been sourced from HP. This equates to 2-3 containers per day. Arrives on the same train for processing.</p> <p>Trials will be held about where the compost material can be used (7,000t-8,000t) before being available to market for sale. Aim to get the first load 4th Jan 2022. The complete process is approx 8 weeks.</p>
6	Other Business
6.1	<p>Project Development - Woodlawn Eco-Precinct <u>Woodlawn Advanced Energy Recovery Centre</u> JH provided an update on the ARC project. Aim is to get an EIS submitted early next year.</p> <p>AE advised that he has commenced ARC opposing activities and has contacted Wendy Tuckermans office and other actions.</p>

<p>6.2</p>	<p>SM advised that the council (GMC) is having ongoing dialogue with the Planning. Advised Planning has considered timing when EIS becomes open for public exhibition.</p> <p><u>FOGO Processing Stage 2</u> Covered in FOGO Stage 1 section</p> <p>Regulatory Matters <u>DPIE and EPA Site Visit focus on water balance and odour management</u> JH explained the visit and Veolia's focus towards water and leachate management and gas extraction. AE noted that Woodlawns gas capture is excellent however odour needs to be identified as a separate component.</p> <p><u>EPA H₂S monitoring Results</u> As mentioned above.</p> <p><u>H₂S PRP Study</u> JH talked about the positives identified in the study such as no obvious increasing trends and worthwhile recommendations focussed on improving productivity.</p> <p>KW asked what can Veolia do about Odour. JH advised that capture is key, however it is manageable and we are striving toward continuous improvement. There are multiple solutions that we are working on refining.</p> <p>Committee initiated discussion re: the ARC project and what modelling it is based on. Awaiting the EIS.</p>
<p>6.3</p>	<p>New Business KW Would like to extend an invitation to Richard Kirkman for the next meeting, this will be timely with the EIS.</p> <p>KW Queried what mulch stockpiled at Collector/Bungendore Road is doing there. SM advised belongs to GMC.</p>
<p>7</p>	<p>Meeting Closed by Chairperson</p>
	<p>Meeting Closed by Chairperson at 6:23pm.</p>

Attachments:

1/ Veolia CLC Meeting #9 Operational Presentation

Woodlawn Eco-Precinct Community Liaison Committee Meeting

Thursday 9th December 2021

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Welcome

Veolia acknowledges the Traditional Owners of country throughout Australia and recognises their continuing connection to land, waters and community. We pay our respects to them and their cultures; and to elders both past and present.

Welcome and thank you! Effective community consultation is a participatory process that underpins genuine community development. The purpose of the Veolia Environmental Services Community Liaison Committee is to help us better understand what the community values and inform us of issues that the community finds important.

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>Woodlawn Eco-Precinct Operational Update</i>
5	<i>General Business</i> <ol style="list-style-type: none"> <i>Bungendore/Tarago Road Maintenance</i> <i>Regional Waste - Planning Modification Update</i> <i>FOGO Processing Stage 1</i>
6	<i>Other Business</i> <ol style="list-style-type: none"> <i>Project Development - Woodlawn Eco-Precinct</i> <ol style="list-style-type: none"> <i>Woodlawn Advanced Energy Recovery Centre</i> <i>FOGO Processing Stage 2</i> <i>Regulatory Matters</i> <ol style="list-style-type: none"> <i>DPIE and EPA Site Visit focus on water balance and odour management</i> <i>EPA H₂S monitoring results</i> <i>H₂S PRP Study</i>
7	<i>Meeting Closed by Chairperson</i>

| Present / Apologies

| Approval of Previous Minutes

Matters Arising from Minutes

ECO-PRECINCT OPERATIONAL UPDATE

BIOREACTOR

YTD Waste Received (8th December 2021)

- Regional Waste 115,645t
 - Bushfire Impacted Waste 1240t
- Sydney Waste 512,610t
- MBT Residual 70,141t

YTD Complaints Register (8th December 2021)

- Odour Complaints (343)
- Road Traffic (6)

LEACHATE TREATMENT PLANT

Discharge to Evaporation Dam

- Cumulatively discharged 244,907 m³ of permeate
- Process audit by Veolia Global Technical & Performance Department (TPD) is ongoing and a final report is under review
- Additional UF Skid currently under construction in Germany
- Additional Dams are currently under construction - rain delays have impacted completion

ECO-PRECINCT OPERATIONAL UPDATE

BIOENERGY

YTD Biogas Capture (8th December 2021)

- Energy Generation 51,102 MWh
- 202,981 tCO₂-e CH₄ captured
- In 2021, averaging 25,766 tCO₂-e monthly to removing 67,215 cars off the road each month
- Additional manifold installed to the waste surface for gas extraction

MBT

YTD Waste Processed (8th December 2021)

- Sydney Waste 135,072t
- MWOO to Landfill 30,940t
- WOO to Tailings 22,307t
- Ferrous Recovery 151t



ECO-PRECINCT OPERATIONAL UPDATE

SITE WATER BALANCE & LEACHATE TREATMENT

- 41,000,000 litres of leachate have been extracted from the void and treated on site since September 2021.
- LTP is working at the design capacity of 4 L/s throughput.
- LTP treated an average of 3.96 L/s for the month of November, Target is 4.05 L/s.
- Weather challenges since September 2021
 - 382 mm of rain (more than the whole year of 2019)
 - Low temperature and high humidity conditions



ECO-PRECINCT OPERATIONAL UPDATE

INDEPENDENT ENVIRONMENTAL AUDITS

- All Independent Environmental Audits have been completed in accordance with the Woodlawn Expansion Project Approval for the year.

ECO-PRECINCT OPERATIONAL UPDATE

ODOUR MANAGEMENT

Recent changes of the operation and gas conditions:

- H_2S concentration in Landfill gas (LFG) started to increase after recent rainfall events (221mm fell in November).
- Changes have been made to the current waste lift profile to improve Stormwater catchment within the Void.
- Further changes to the surface profile will be made on the next lift (Pyramid to Tent profile)

Veolia's management strategy consists of:

- Monthly surface gas monitoring of Methane and H_2S
- Act on identified fugitive emission hot spots
 - Apply more cover material
 - Install more LFG extraction wells
 - Apply biofilter material



General Business

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



GENERAL BUSINESS

BUNGENDORE/TARAGO ROAD MAINTENANCE UPDATE

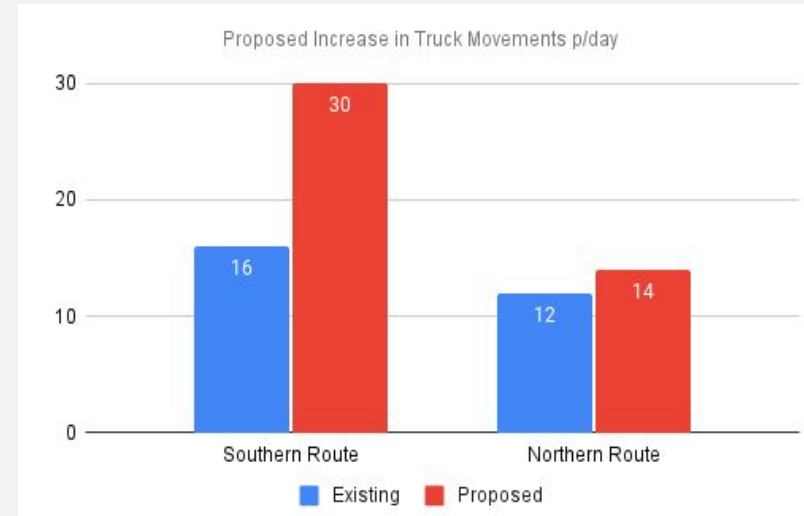
- QPRC to provide update on road maintenance plans

GENERAL BUSINESS

REGIONAL WASTE PLANNING MODIFICATION UPDATE

- 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.

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





GENERAL BUSINESS

MBT FOGO PROCESSING STAGE 1

- Veolia is expanding the range of source segregated organic material currently processed at the MBT facility beyond the current source segregated garden waste, to include Food and Garden Organics (FOGO) and / or Food Organics (FO).
- Stage 1 of the FOGO transition project is to increase the current output of the MBT facility to the 30,000 tpa of FOGO.
- Impacts associated with COVID-19 have presented challenges for the progress of this project however Veolia expects to make progress in the coming months including of the purchasing and commissioning of equipment in time for the projected FOGO receipt timeline of January 2022.

Other Business

- *Project Development - Woodlawn Eco-Precinct*
- *Regulatory Matters*



OTHER BUSINESS

PROJECT DEVELOPMENT - WOODLAWN ECO-PRECINCT

Woodlawn Advanced Energy Recovery Centre

- Final stages of preparation EIS
- Public Exhibition targeted for early next year
- Get in touch with the Project Team

FOGO Processing Stage 2

- FOGO Stage 2 is to process up to 70,000 tpa. While there is no exact date of completion, Veolia is currently going through the regulatory approval process and preliminary design.

OTHER BUSINESS

REGULATORY MATTERS

- DPIE and EPA Site Visit - Friday 10th December 2021
 - Woodlawn will be welcoming 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.
- EPA H2S Monitoring Results
 - The EPA installed Hydrogen Sulphide monitoring equipment in and around the Woodlawn Eco-Precinct in September with an aim to quantify any presence of the gas.
 - The EPA is currently working to format the data so it can be published on the website.
- Pollution Study and Reduction Programs
 - An independent consultant was engaged to undertake Investigation and Impact Assessment of Hydrogen Sulfide Gas Emissions.
 - The study report was submitted to the EPA for review on Friday 3rd December 2021 for review.



Next Meeting

The next Community Liaison Meeting will be held at the Woodlawn Eco-Precinct on Thursday 3rd March 2022 at 5.00pm, or otherwise agreed.

