

# WOODLAWN ECO-PRECINCT

**COMMUNITY LIAISON COMMITTEE MEETING**  
**Wednesday 12th November 2025**



# ACKNOWLEDGEMENT OF COUNTRY

**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 and any first nations people present here today.



# MEETING AGENDA

ITEM	TOPIC
1	Introduction and Welcome. <ul style="list-style-type: none"><li>• Acknowledgment</li><li>• Max Rixe introduction<ul style="list-style-type: none"><li>○ Background</li><li>○ Expectations of role</li><li>○ Introduction of Pearl Rakete</li></ul></li></ul>
2	Apologies
3	Actions from previous meeting - in presentation
4	CLC Charter update (JH & MR) <ul style="list-style-type: none"><li>• Member resignation (JH) - Andrew Warner resignation &amp; replacement with Pearl Rakete</li><li>• Expectations of members (JH)</li><li>• CLC Charter feedback (JH)</li><li>• Any potential nominations for a new member? (MR)</li></ul>
5	Veolia Operational update (JH)
6	Energy From Waste (ARC) update (CN)
7	Veolia's response to latest EPA water monitoring results (JH) within the presentation
8	General business:

# INTRODUCTION AND WELCOME

# MEETING ATTENDANCE/APOLOGIES

<b>DATE</b>	Wednesday 12th November 2025	<b>TIME</b>	5.00pm to 7.00pm
<b>LOCATION</b>	Woodlawn Conference Room 619 Collector Road, Tarago		Inv = Invited Guest

<b>NAME</b>	<b>PRESENT</b>	<b>NAME</b>	<b>PRESENT</b>
Max Rixe (MR) (Chair)		Carmen Leocherer (CL) (Veolia representative)	
CR Keith Smith (KS) (GMC Councillor)		Pearl Rakete (PR) (Veolia Community Liaison Officer)	
Cr John Preston (JP) (QPRC Councillor)		Scott Martin (SM) (GMC Director Planning & Environment) - Inv	
Lois Wake (TADPAI Rep)		Alvin Stone (AV) (Veolia Public Relations Manager) - Inv	
Dr Samantha Johnson (SJ) (Community Rep)		Clara Ng (CN) (Veolia Strategic Development Manager) - Inv	
Tom Martin (TM) (Community Rep)			
Justin Houghton (JH) (Veolia representative)			

# ACTIONS FROM LAST MEETING

# MEETING ACTIONS

ITEM	ACTION	ASSIGNED TO
1	Develop new conflict of interest provision for the CLC charter for the consideration of members. Included in Draft Charter	JH (Veolia)
2	Post link to EPA webpage on Facebook and Veolia website. Andrew Warner resigned - this process of using facebook will be investigated by Pearl Rakete	AW (Veolia) Handover to PR (Veolia)
3	Share information about Mod 6 materials deliveries via Facebook - Article in Tarago Times as the timing was the same as start date - <b>COMPLETE</b>	AW (Veolia)
4	Provide link to EfW Upper House Parliamentary enquiry website JS (Chairperson) <a href="#">Select Committee on Proposed Energy from Waste Facilities</a>	AW (Veolia) Handover to PR (Veolia)
5	Ensure visibility of meeting minutes change requests and subsequent changes are provided to all members. MR (Incoming Chairperson)	MR (Chairperson)

# ECO-PRECINCT OPERATIONAL UPDATE

## Traffic Lights



**Attention required**



**Area of focus**



**Going well**

# ECO-PRECINCT

## Positive outcomes since last meeting

### ● WINS!

- **COMMUNITY** - Tank Farm 1 construction has started implementing all conditions of approval - improve water storage
- **WATER MANAGEMENT** - All dams continue to reduce further below freeboard - water strategy moving forward.
- **REGULATORS** - Working productively with EPA on PRP, continued site water balance interactions and challenges
- **ODOUR MANAGEMENT IMPROVEMENT** - Odour audit showed a significant **reduction in odour potential** on site through works that were carried out to date - next step is the use of tarps, increased use of Biofilter like materials from MBT and continued leachate extraction

# OPERATIONAL UPDATE

## PERFORMANCE

### Bioreactor Landfill - Licence tonnage

#### YTD Waste Processed (licence 7 Sep 2025 - 2025)

- Regional Waste **22,509 t** - (licence 125,000t)
- Sydney Waste **136,506 t** - (licence 900,000t)
  - Both are within licence limits for Sep 2025 - Sep 2026 period

### Mechanical Biological Treatment

#### YTD Waste Processed (licence 22 Dec 2024 -07th November 2025)

- Sydney Waste **118,785.05t** - (licence 144,000 t)
- MWOO to Bioreactor (ADC) **44,942.61t**
- WOO to Tailings Rehabilitation **3,358.76t**
  - WOO transitioning to ADC odour control
- Ferrous Recovery **460.4t**
- Total diversion from Landfill **48,761.77t**



### Leachate Treatment Plant

#### YTD Leachate Treated

- Current treatment rate of **4.1 L/s**
- Average treatment rate YTD **4.06 L/s**
- Licence requirement **>4 L/s**

# ECO-PRECINCT Approved tonnage v actual

## Tonnage limits

### Approved Tonnage

Bioreactor - 900 kt

MBT - 280 kt

Local Waste - 130 kt

Total tonnage approved to receive at  
Woodlawn = 1,310 kt

### 2024-25 actual received tonnes

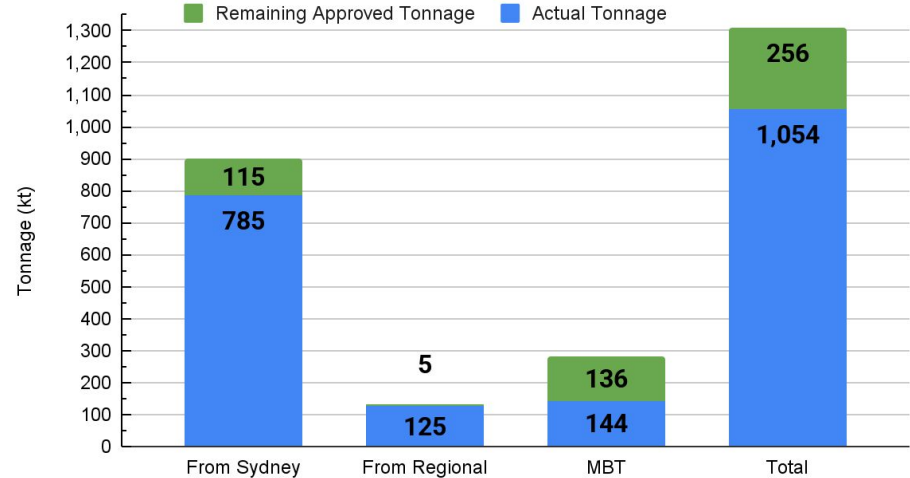
Bioreactor - 785 kt

MBT - 144 tk

Local Waste - 125 kt

Approved tonnes remaining = ~256 kt

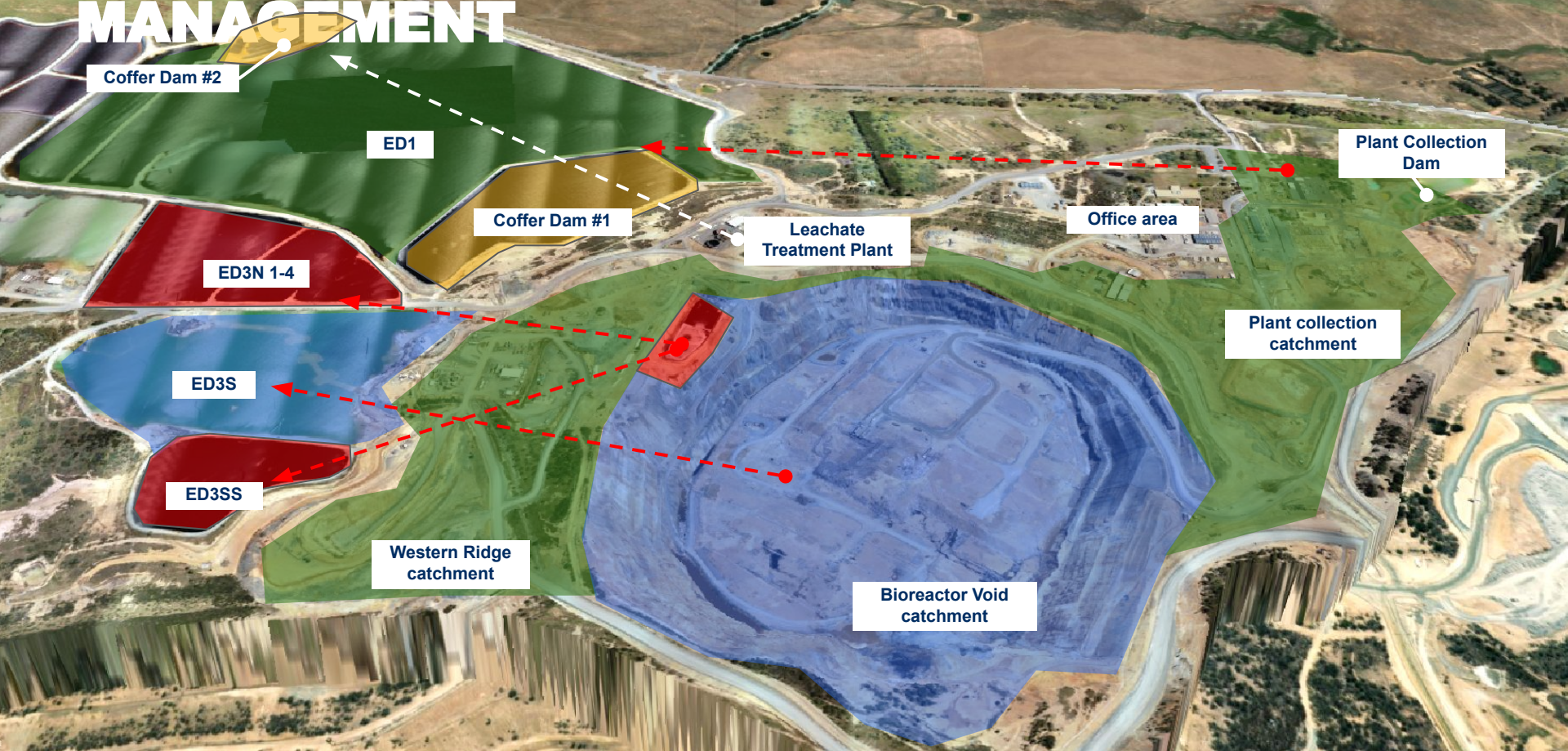
2024-2025 License Year Tonnage Summary



Note: 100,000t of the MBT waste rejects is approved to transfer internally go to the bioreactor - it does incur the levy.  
A project can be approved for a larger amount than the current licence reflects. EG - MBT is approved for 280kt but only licenced for 144kt due to need and current capacity of the facility.

# WATER MANAGEMENT

Storage status and location



Coffer Dam #2

ED1

Coffer Dam #1

ED3N 1-4

ED3S

ED3SS

Western Ridge catchment

Leachate Treatment Plant

Office area

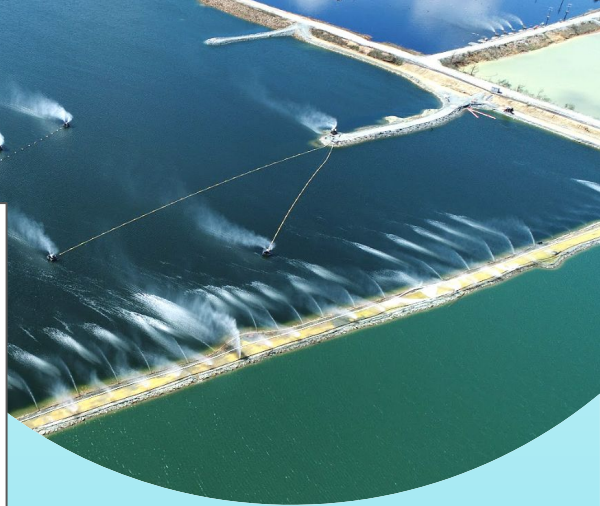
Plant Collection Dam

Plant collection catchment

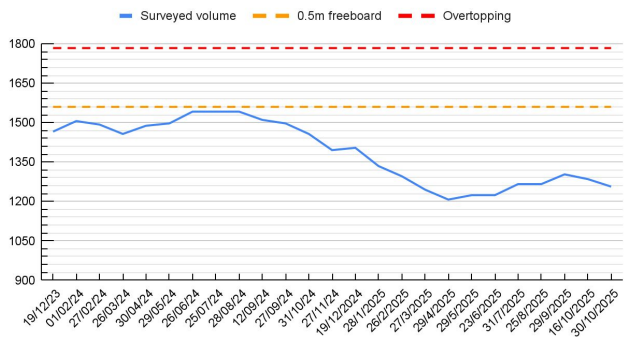
Bioreactor Void catchment

# WATER MANAGEMENT

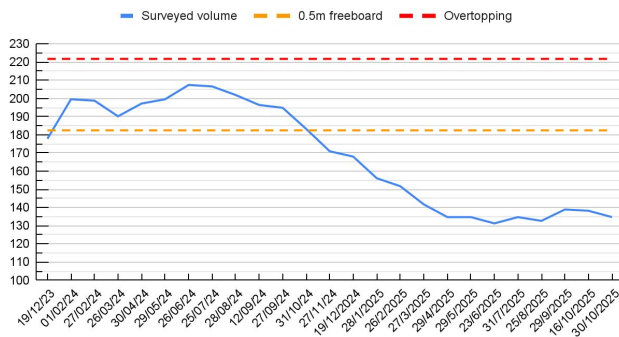
## FREEBOARD MANAGEMENT



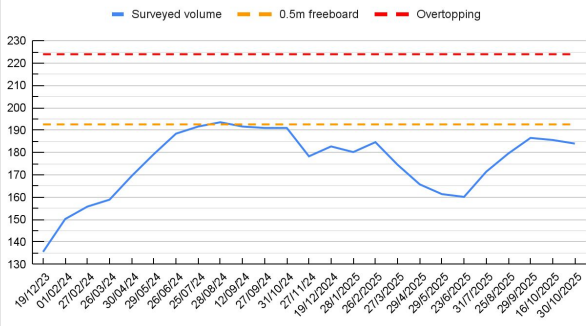
ED1 volume trend - 304 ML below 0.5m Freeboard



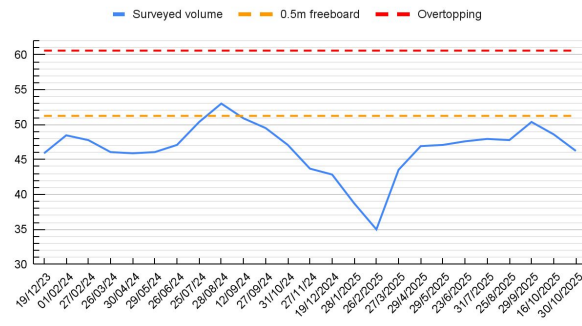
ED3S Volume trend - 48 ML below 0.5m Freeboard



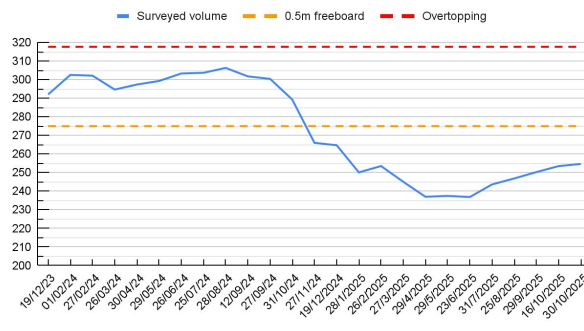
Coffer Dam 1 Volume trend - 8.6 ML below 0.5m Freeboard



Coffer Dam 2 Volume trend - 5 ML below 0.5m Freeboard



Legacy leachate Volume trend - 20.3 ML below 0.5m Freeboard



# WATER MANAGEMENT

## ● TREATED LEACHATE STRATEGY SUMMARY

### Short term next 18 months

- **COMPLETE** - Temporary tank farm - **54 ML** - 4 installed and approved for use (3 tanks full)
- **COMPLETE** - Liner repairs Coffe Dam 1 - completed in July (freeing up an extra 30ML capacity)
- **COMPLETE** - Temp Tanks - lodged with DPHI to extend post Nov
- **COMPLETE** - Permanent tank farm 1 - **54ML** - approved to start construction
- Tank Farm 1 construction has started
- Permanent tank farm 2 - up to 108ML - Site investigations underway - Mar 2026
- Reverse Osmosis (RO) treatment -
  - Temp plant commissioned - 100,000l/day reused on site
  - Permanent RO plant - continue to investigate operation and irrigation impacts

### Long term next 2 to 10 years

- Thermal evaporation trials underway to support a Thermal plant to reduce volume of RO brine - 2027

**Note:** We produce 345,600L of treated leachate every day.

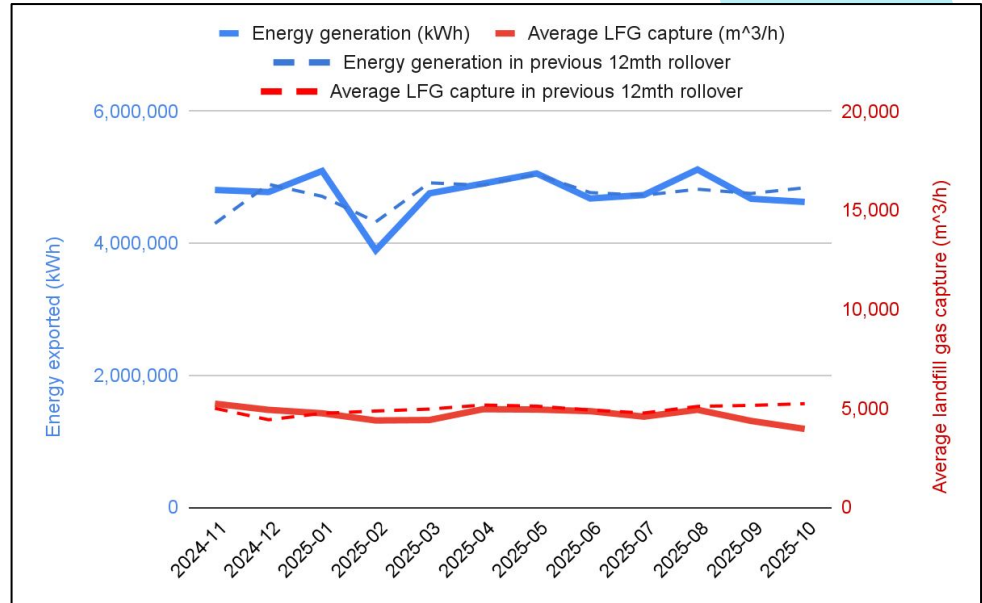
# ECO-PRECINCT OPERATIONAL UPDATE

## BIO-ENERGY

### Bioenergy

#### 2025 Biogas Capture

- Gas collected 01/25-10/25: **33,657,394 m<sup>3</sup>** - (46% methane)
- Energy Generation 01/25-10/25: **47,553 MWh**
- In 2025, the captured emission is equivalent to removing **80,000** cars off the road



# ECO-PRECINCT OPERATIONAL UPDATE

## ODOUR MANAGEMENT

### COMPLETE

- Approval to increase usage of MBT organic material for daily cover.
- Monthly surface monitoring - continue **0 exceedance** in last month (out of 300+ sample sites)
- Carbon filters operating along the eastern wall
- Installation of extra Horizontal collection systems - Run Energy specialists are constructing these
- Water used to maintain moisture in the cover to prevent cracking and improve gas collection

### In Progress - 3 main potential odour improvements for 2025

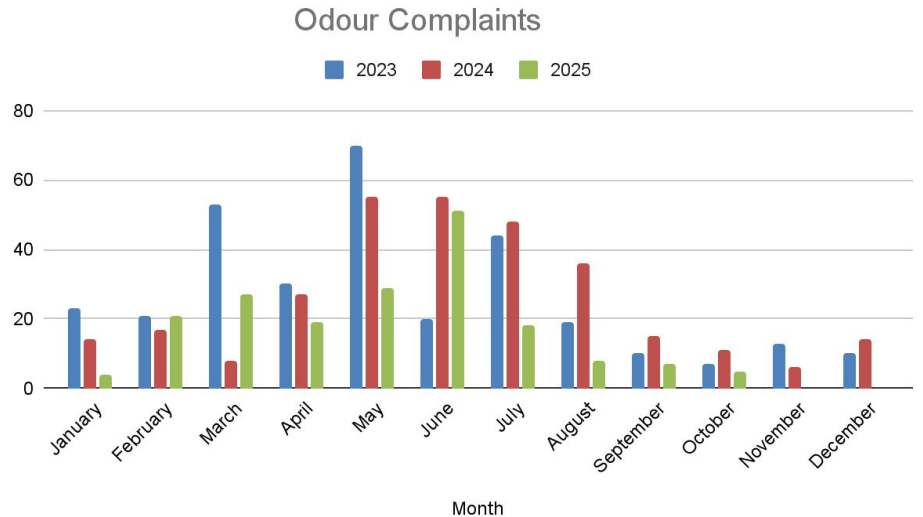
- Horizontal drainage and gas collection around the perimeter of the void - reduce emissions - Installed but still being commissioned
- Further improving landfill cover in the **active tipping area** - Tarp deployer assembled - trial conducted and odour measurements taken.
- Improve effectiveness of **biofilter around perimeter** - moisture level and width and thickness - ongoing.



# ECO-PRECINCT OPERATIONAL UPDATE

## ODOUR COMPLAINTS

- Odour complaints, on average, have reduced significantly compared to previous years.
- Implementing tipping face Tarp cover trial
- Biofilter improvements comprehensively increased during winter
- Perimeter extraction system installed.
- Independent Odour Audit did show a large decrease in sitewide total odour (OER), may be related
- 2024: 749,000 OER
- 2025: 194,400 OER



# ENVIRONMENTAL COMPLIANCE UPDATE

# Environmental Compliance

## Sampling campaigns - Action

- EPA have indicated they are sampling near the Woodlawn site, including outside our operation and near the mining operation
- EPA have also indicated they are sampling bores of adjacent landholders
- Veolia is also commissioning additional sampling of the receiving environment, to the relevant standards, and undertaken by suitably qualified third parties. Veolia has never had a surface discharge from its dams to the environment.
- The outcome of the additional sampling will be a review of results when sufficient interseasonal data is collected. Any additional environment controls or remedial measures identified as necessary from the data will be implemented to the requirements of relevant authorities. These programs and commitments are captured in a so-called 'PRP' (Pollution Reduction Program) that is a class of license condition.

# Environmental Compliance

## Additional license conditions

ACTION	STATUS	COMPLETION DATE
<p>New license conditions U3</p> <p>Management of surrounding waters</p> <p>Develop a scientifically robust program of sampling the local area and assess the background and adjacent areas. See if there are any impacts to fauna/flora from current or historical activities.</p>	<ul style="list-style-type: none"><li>• These sampling programs will look at bugs, sediment and other aspects of the creek sampling locations beyond just the water quality (chemistry) to see if there are any measurable impacts from current and historical operations</li><li>• If any impacts are identified, of course we will develop remedial measures for any risks identified, and those measures would need to be endorsed and approved by relevant regulators</li></ul>	<p>Expected Remedial Action Plan developed by July 2026 based on sampling programs collecting enough interseasonal data (being collected now)</p>

# INDEPENDENT ODOUR AUDIT UPDATES

ACTION	STATUS	COMPLETION DATE
2024 Independent Odour audit	Sitewide Odour profile Total for previous Audit: 749,000 OER Total for 2024 Audit: 194,400 OER	June 2025
2025 Independent Odour audit	2025 independent odour audit sampling being undertaken November/December 2025, completion date will be advised when forecast by auditors	

# ENVIRONMENTAL COMPLIANCE UPDATE

## PA MODIFICATIONS & POST APPROVAL APPLICATIONS

APPROVAL	TYPE	DESCRIPTION	STATUS
<b>MP 10_0012</b> <b>Tank Farm 1</b>	<b>Modification</b>	Modify the existing project approval for the Bioreactor and MBT to: <ul style="list-style-type: none"> <li>Originally to construct an approximately 100 ML dam at the Bioreactor to hold leachate pumped from the existing approved leachate dams via a pipeline.</li> <li>Changed to enclosed tanks following feedback about odour (Tank Farm 1 Mod 6)</li> <li>Approved, construction underway, expected completion February 2026</li> </ul>	Under Construction
<b>MP 10_0012</b> <b>(Bioreactor)</b> <b>Reverse Osmosis</b>	<b>Modification</b>	Reverse Osmosis for beneficial reuse. High expenditure water treatment plant that will facilitate significantly improved treatment of treated leachate. Brine will report to the existing dams and possibly tanks. Beneficial reuse of the drinking quality water for the water carts, irrigation to the onsite farm, washdown processes, operational processes (Mod 7)	Developing response to submissions

# ENVIRONMENTAL COMPLIANCE UPDATE

## PA MODIFICATIONS & POST APPROVAL APPLICATIONS

APPROVAL	TYPE	DESCRIPTION	STATUS
<b>MP 10_0012</b> <b>(Bioreactor)</b>  <b>Thermal Treatment</b>	<b>Modification (TBC)</b>	Thermal treatment facility. Thermally treat brine and treated leachate liquid using waste heat from the existing on-site power station. Will provide a weather independent method of managing certain liquid streams.	In pre-feasibility studies  Site specific analytes being developed for a trial. Scoping letter submitted.
<b>MP 10_0012</b> <b>(Bioreactor)</b>  <b>Tank Farm 2</b>	<b>Modification</b>	Tank Farm 2 - buffer storage for leachate storage while treatment facilities come online. Similar to Tank Farm 1 configuration.	Geotechnical studies being undertaken, hard rock area.

# ARC PROJECT UPDATE

# ARC Project **UPDATE**

**Planning Progress** - we await the outcomes of Energy from Waste Policy Framework which is still under review by the NSW EPA.

## **NSW Inquiry to EfW**

- Veolia has completed its submission to the NSW Parliamentary Select Committee's inquiry into proposed Energy from Waste facilities.
- Veolia's public submission, along with all other submissions to the inquiry, can be viewed on the NSW Parliament website (link sent to Max for inclusion in the minutes).

# GENERAL BUSINESS

# General Business

- Tonnage increase misunderstanding
  - We have no applications in to increase our approved tonnage
- Draft CLC Charter
  - 2 reviews submitted
  - We will draft up a final for the committee to review before the next meeting
- Eco-Precinct Vision - 2026

# ECO-PRECINCT

## 20 YEAR VISION FOR WOODLAWN

We will shortly be releasing a community flyer to show what we've achieved in the past 20 years of Woodlawn and to highlight our key areas of focus for the next 20 years. These areas of future focus include:

- **Operational improvements:** We'll continue to develop and invest in technology to improve our operations. From gas collection and odour management, to waste treatment, energy efficiency and much more.
- **Water Treatment:** We'll continue to find solutions to manage and treat on-site water, and accelerate evaporation capacity.
- **Rehabilitation efforts:** We'll continue to depollute the land impacted from mining activities, undertake more remediation works, such as tree planting, stabilising soils and removing old mining infrastructure.
- **Energy from Waste:** We propose to build an Advanced Energy Recovery Centre to reduce waste to landfill.
- **Improving Biodiversity:** We will be looking at ways to enhance local biodiversity, monitoring the creek and local wildlife and creating ways to protect their habitats.
- **More renewable energy:** We'll investigate ways to expand the site's renewable wind and solar energy capacity, to supply more green energy to our operations and the grid.

The flyer is in the final stages of design and will be shared with the CLC and wider community in the next few weeks.

# COMMUNITY Q&A

# CLC QUESTIONS

- Are there any community questions for Veolia from the CLC



# CLC

## NEW ACTIONS

ACTION	STATUS	COMPLETION DATE
<ul style="list-style-type: none"><li>INSERT TEXT</li></ul>	Insert text	Insert tex

# NEXT MEETING

**The next Community Liaison Meeting  
will be held at the Woodlawn  
Eco-Precinct Office - TBC agreed.**



# VISION FOR WOODLAWN appendix 1

# ECO-PRECINCT

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