

<b>Date:</b>	22/10/2025
<b>Location:</b>	Tamala Park



# OMKSWG Minutes

Odour Management Key Stakeholder  
Working Group (MRC)

<b>Date of meeting:</b>	Wednesday 22 October 2025
<b>Location:</b>	Mindarie Regional Council (MRC) Administration
	Tamala Park
<b>Attendance:</b>	Environmental Supervisor (ES)
	Operations Coordinator (OC)
	Communications Specialist (CS)
	Environmental Officer (EO)
<b>Apologies:</b>	Data Assistance Officer (DA)
	Chief Executive Officer (CEO)
<b>Minutes released:</b>	2 December 2025
<b>Reference:</b>	GF-25-0000046

## 1. Previous meeting minutes

Review and approve/make necessary amendments to the minutes taken at the previous OMKSWG meeting:

Detail	Status
Previous meeting's minutes to be approved by all in attendance	Complete

## 2. Operational updates

MRC operational updates relating to odour management

### 2.1. Landfill operations

Detail	Status
Any changes to day-to-day landfill operations which are relevant to odour management (active working area, cells, levels, compacting, cover, etc.)	Ongoing/ Completed
Landfilling is currently working toward final profile height of RL55 in the western portion of the landfill.  Operations Coordinator noted that it is possible that landfill operations would be visible (though not necessarily perceptible with regards to fresh waste odours) from nearby residential areas. This is to be expected as operations continue to work towards the landfill's final design.  Daily cover of limestone at end of each day's operations. Additional cover being applied to areas which have reached their final height to aid rainwater runoff and aid landfill gas collection, though this is likely to be less of an immediate consideration as the weather improves.	Ongoing
EcoSorb and zeolite continues to be used as appropriate and required. Additional applications of EcoSorb and zeolite being used in areas where odours considered likely to impact the community are present.	Ongoing
Mister unit now being used to mitigate odours in areas identified for mitigation by the Independent Odour Consultant. EcoSorb being used in the feed for the mister as appropriate.	Ongoing

Operations Coordinator noted that the proportion of landfill airspace currently being consumed by landfill cover (limestone) is extremely high by industry standards, but an unavoidable consequence of increased cover to suppress odours.	N/A
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## 2.2. Landfill infrastructure

Detail	Status
Any changes/updates in the installation or review of infrastructure on the landfill (new wells, pipelines, leachate evaporation, etc.)	Ongoing/ Completed
Somewhere between 6,000 and 7,000 sqm of non-operational (batters/rises) have been identified for applications of 'spray-on intermediate cover'. Works are estimated to commence in November.	Ongoing
Further applications are planned for Autumn 2026.	
20,000sqm of HDPE rainfall barriers (which formed part of the winter weather measures) remain in place on the eastern portion of the landfill. Discussions continue within operations about how these barriers will be used during summer (if at all) noting their dual purpose of diverting rainwater and suppressing landfill gas egress.	Ongoing
Landfilling will need to take place in this area in Autumn 2026 (at latest).	

## 2.3. Other operations

Detail	Status
Any other operational updates not covered above which is relevant to odour management	Ongoing/ Completed
No other relevant updates.	

### 3. Odour management/environmental updates

Updates on the management and mitigation of odours at Tamala Park

#### 3.1. Landfill gas/LFG power station

Detail	Status
Any updates/changes to the management of landfill gas and/or the LFG power station	Ongoing/ Completed
Landfill gas power station operator is working with independent consultancy on opportunities identified for improving the landfill gas collection network in line with EPN item number 5.	Ongoing
October meeting with LFG power station operator	Complete
Installation of additional landfill gas collection points under the temporary rainfall barrier are performing as hoped and preventing landfill gas egress from around the edges of the barrier.	Complete
LFG power station operator is continuing to provide more granular data on LFG well extraction points.	Ongoing
Experimental laying of landfill gas extraction pipelines among the day's waste continues. The first of these pipelines has now been connected to the LFG collection network and MRC operations is awaiting further information from the LFG power station operator to see how effective this method might be (though a full picture might take 2-3 months to emerge)	Ongoing
MRC, alongside the operator of the LFG power station have begun planning for installation of next round of permanent vertical gas wells in the central part of the landfill.	Ongoing

#### 3.2. Leachate management

Detail	Status
Any updates/changes to the management of leachate	Ongoing/ Completed
Response from DWER to EPN item number 1 has authorised a 'staged approach' to recommencing leachate evaporation at Tamala Park, subject to conditions.	Ongoing

<p>This is essential to managing leachate and minimising the impact of leachate on landfill gas collection.</p> <p>MRC now looking at options for leachate evaporation on the working landfill, representing a return to <i>business as usual</i> maintenance-level leachate evaporation, as was carried out at Tamala Park prior to February 2023.</p> <p>This will be inline with the leachate management plan developed in collaboration with DWER.</p>	
Weekly monitoring of landfill batters to identify and prevent leachate 'seepage' (DWER EPN item 2) as part of day-to-day landfill operations.	Ongoing
Pumps which were in place on the temporary rainfall barrier will shortly be removed to account for warmer drier weather. These will be maintained and redeployed as required.	Ongoing
Reinjection of leachate into suitable areas of the landfill continues as part of the leachate management plan endorsed by the regulator (DWER)	Ongoing

### 3.3. Trials for odour management

Detail	Status
Notes on ongoing trials of new tech, methods, products etc.	Ongoing/ Completed
No relevant updates	

### 3.4. Reports, investigations and surveys

Detail	Status
Updates on internal or external reports, surveys and investigations	Ongoing/ Completed
MRC liaised with a specialist in thermal imaging which could identify 'hot spots' associated with landfill gas egress. This could aid odour management measures in future. Findings from this report confirmed known 'hot spot' areas, but did not show any unknown areas of concern for landfill gas egress. MRC is discussing the findings of this report to enquire whether finer data analysis is possible.	Complete

Work towards real time monitoring of landfill gas has now passed the procurement phase and the investigations are expected to be complete by the end of September	Ongoing
MRC has received a report prepared by a consultant on behalf of the landfill gas power station operator (EDL) which may identify further measures to control landfill gas egress from the open landfill area. The findings of this report are being actioned, alongside EDL.	Ongoing
MRC now looking at options for leachate evaporation on the working landfill, representing a return to <i>business as usual</i> maintenance-level leachate evaporation, as was carried out at Tamala Park prior to February 2023.  This will be inline with the leachate management plan developed in collaboration with DWER.	Ongoing

### 3.5. Regulatory

Detail	Status
Updates on anything relating to regulators or external agencies which govern activities on site (such as DWER)	Ongoing/ Completed
Environmental Protection Notice (EPN) from regulator (DWER) received by MRC on 28 November 2024. This followed period of consultation between MRC and DWER.  11 items in total. All relevant items (1, 2, 3, 4, 5, 7, 8 and 10) are now complete.  Further discussions following MRC reports to DWER are ongoing and will likely continue.	Ongoing
MRC receiving monthly report from DWER detailing number of odour reports received by the regulator.  This is a reciprocal arrangement.	Ongoing
Response from DWER to EPN item number 1 has authorised a 'staged approach' to recommencing leachate evaporation at Tamala Park, subject to conditions.  See section 3.2	Ongoing

MRC met with DWER on 10 October at Tamala Park. DWER's officers (including air quality and compliance officers) were joined by MRC staff and the independent odour consultant to examine MRC's proposed solutions for a return to <i>business as usual</i> leachate evaporation on site and future leachate management options.	Ongoing
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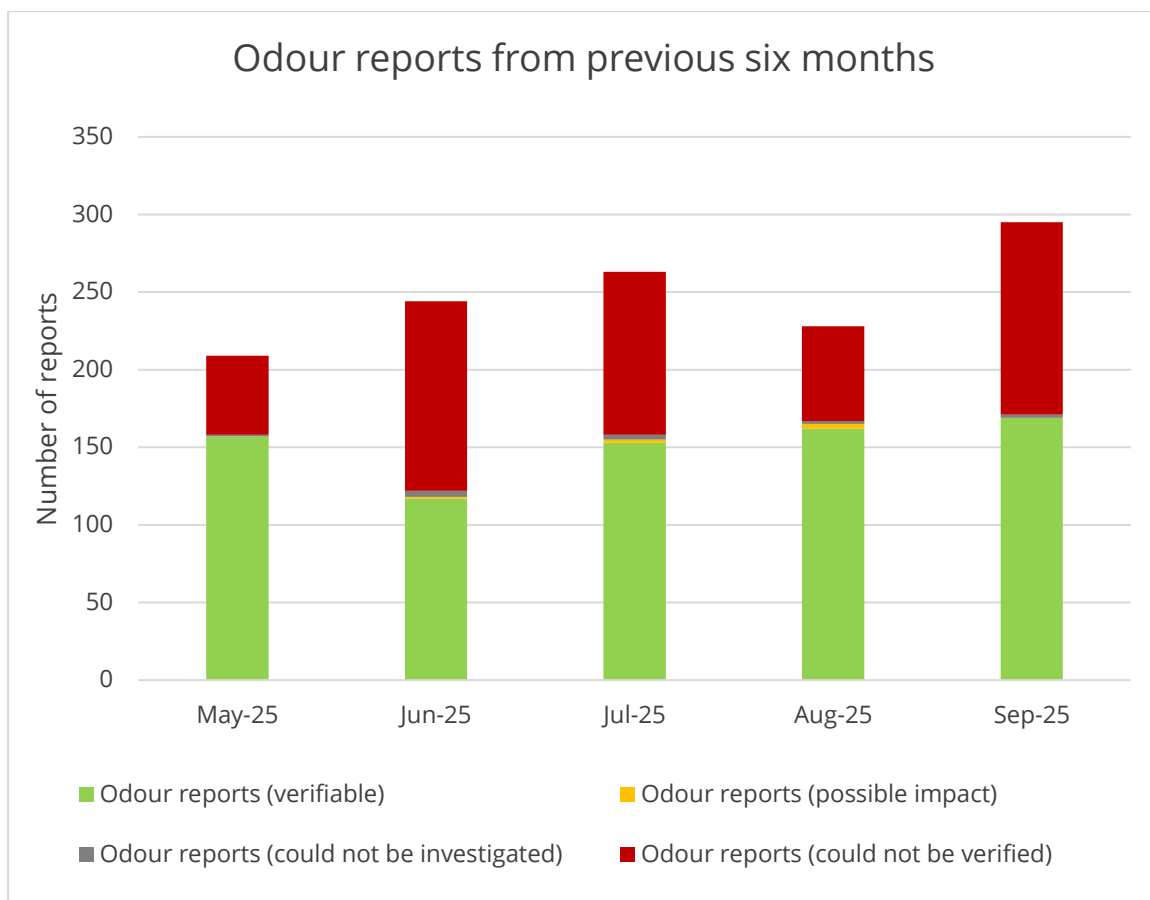
## 4. Odour reports

### 4.1. Reports from the previous calendar month

The following is an overview of the information recorded by MRC in relation to odour reports received from the community for **September 2025**.

Reports	Number
Total number of reports received	295
<i>Of which</i> impact from Tamala Park could be verified by climatic data	169
<i>Of which</i> impact from Tamala Park was possible (but not verifiable) based on climatic data	0
<i>Of which</i> impact from Tamala Park could not be investigated due to lack of data provided in report	2
<i>Of which</i> impact could not be verified by climatic data	124
Number of reports from a residential address which had not previously reported to MRC	43





## 4.2. Location of odour report by suburb/area

Suburbs	Number
Alkimos	1
Burns Beach	3
Butler	1
Clarkson	112
Currambine	1
Iluka	9
Kinross	73
Mindarie	93
Merriwa	1
Quinns Rocks	1
<b>Total number of complaints</b>	

Map of complaint locations overleaf.



### 4.3. Description of Odour experienced

When making an odour report through the MRC website, reporters are given the opportunity to describe the smell they experienced. An update of this information, received in the previous month, is outlined below:

Description of Smell	Number
Garbage / Rubbish (Natural gas, Rotten vegetables, garlic, sulphur)	179
Acidic/ Rancid (Sour, vinegar, off-milk)	2
Gas/ Chemical (Rotten Eggs, ammonia, fishy)	72
Burnt/ Smoky (Burnt rubber, exhaust fumes, grilled meat)	1
Sewerage (Faecal, manure, sewery)	26
Putrid (Dead animals, rotting meat)	14
Not described in complaint	0
Other/listed in comments	0
Hydrocarbon/ solvent (Rubbery, plastics, solvents)	0
Sweet (Fruity)	1
<b>Total number of complaints</b>	<b>295</b>

## 5. Correspondence

Detail	Status
Three pieces of correspondence (relating to odour management) were received from the public and external stakeholders for the month of October. Each received a reply from the CEO.	Complete

## 6. MRC communications and community engagement

Communications updates including changes to website, media coverage, guides or procedures for staff, etc.	Ongoing/ Completed
MRC CEO and Communications Specialist met with the coordinator of the Tamala Park Odour Action Group to discuss odour reporting from the community	Complete

## 7. Other relevant updates/general discussion

Detail	Status
Anything else which does not fall neatly into one of the above categories	Ongoing/ Completed
No relevant updates	Complete

## 8. Next meeting

The next OMKSWG meeting will be held in November 2025 at Mindarie Regional Council (MRC).