

Date:	28.05.2025
Location:	Tamala Park



OMKSWG Minutes

Odour Management Key Stakeholder
Working Group (MRC)

Date of meeting:	Wednesday 28 May 2025
Location:	Mindarie Regional Council (MRC) Administration
	Tamala Park
Attendance:	Environmental Supervisor (ES)
	Operations Coordinator (OC)
	Communications Specialist (CS)
	Executive Operations Manager (OM)
	Environmental Officer (EO)
Apologies:	Data Assistance Officer (DA)
	Odour Consultant (OC)
Minutes released:	30/06/2025
Reference:	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 – to be released on MRC website

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
Landfill now at RL47 up to RL50.5 – this area is being expedited to become part of the area which will be temporarily capped over winter. This will aid rainwater runoff during winter. 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.	Ongoing
EcoSorb continues to be used as appropriate and required. Additional applications of EcoSorb being used in areas where odours are present. As part of winter preparations additional stock of EcoSorb has arrived at Tamala Park with a further delivery due in the coming weeks.	Ongoing
Discussions and planning continues in preparation for winter 2025. Landfilling expedited on high landfill levels ahead of winter weather so area can be temporarily capped to aid rainwater runoff. These works are already underway (see above).	Ongoing

Mister unit now being used in highly localised applications over coming months to mitigate areas of concern for odour on site (especially overnight).	Ongoing
MRC to create dedicated landfill role for application of odour mitigating measures, surface water assistance and leachate management assistance over winter. Update: Role has now been filled and has commenced.	Complete
New landfill compactor to arrive on site imminently. It is expected that this new equipment will have a positive impact on compacting – therefore – reduce landfill gas egress and prevent water saturation of the upper waste layers during winter.	Ongoing

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
Spray-on intermediate landfill cover trial is now complete. This material will be used on the landfill (specifically on the 'batters'/sidewalls prevent oxygen ingress and landfill gas egress. It will also help keep rainfall out of the landfill. Sufficient material has been purchased to cover 13,000sqm of the landfill surface. Work is expected to be finished by the end of June.	Ongoing
Series of smaller pumps to move water away from the landfill surface to be purchased. Investigating pumps for specific purposes (such as moving rainwater from shallow pools on the HDPE rainfall barriers).	Ongoing
Work continuing on infiltration basin which will collect rainwater runoff from the surface of the newly capped western side of landfill – part of site-wide works to prevent leachate generation across the landfill during winter.	Ongoing

Work expected to be completed by 30 June 2025.	
20,000sqm of landfill to the east of the active landfill area will be covered with HDPE rainfall barriers through winter. This will also aid the collection of landfill gas from within the landfill for disposal in the LFG power station.	Ongoing
A further 7,000sqm (aprox.) will be covered with rainfall barriers in the central western portion of the active landfill area.	Ongoing
These can be moved – if necessary – as the active landfill area moves.	

2.3. Other operations

Detail	Status
Any other operational updates not covered above which is relevant to odour management	Ongoing/ Completed
Work continues in preparation for planting of native plant species which will remain in place post-closure.	Ongoing

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
Meeting with LFG power station operator to discuss optimisation of the landfill gas collection system for winter took place in May.	Ongoing
Discussion covered odour and landfill gas extraction. Operator committed to providing additional assistance to MRC in this area.	
May meeting with LFG power station operator	Complete

3x 400mm landfill gas collection 'risers' (which were installed recently) are planned to be connected to the LFG collection network by the end of the month.	Ongoing
LFG power station operator reports a 41 hour outage which occurred in March – MRC to investigate potential impact of this outage on odour and procedures which might be necessary to mitigate the impacts of any future such outages. Update: Unclear if there was an impact from this outage. LFG power station operator has committed to greater communication on this matter in future.	Complete
LFG power station operator to assist with installation of landfill gas collection points under the temporary rainfall barrier.	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. This is essential to managing leachate and minimising the impact of leachate on landfill gas collection.	Ongoing
Weekly monitoring of landfill batters to identify and prevent leachate 'seepage' (DWER EPN item 2) as part of day-to-day landfill operations	Ongoing
Measures now underway to prevent rainfall from becoming leachate over winter (see section 2.2)	Ongoing

3.3. Trials for odour management

Detail	Status
Notes on ongoing trials of new tech, methods, products etc.	Ongoing/ Completed
Spray-on intermediate landfill cover trial – to be applied to sidewalls to prevent oxygen ingress and landfill gas	Complete

<p>egress. Available products have been reviewed, provider has been identified. Trial expected to commence 10 May 2025.</p> <p>Update: trial is now complete – see section 2.2</p>	
<p>Pilot leachate treatment plant trials are complete. Two separate trials with two companies. Reports from both tests due imminently.</p> <p>Trial conducted in line with EPN item numbers 7 (complete) and 8 (complete).</p> <p>Data to be used to inform future leachate management.</p>	Ongoing
<p>Investigating alternative intermediate cover materials to further inhibit landfill gas egress during winter.</p> <p>Update: see section 2.2</p>	Complete

3.4. Reports, investigations and surveys

Detail	Status
Updates on internal or external reports, surveys and investigations	Ongoing/ Completed
No investigations currently	

3.5. Regulatory

Detail	Status
Updates on anything relating to regulators or external agencies which govern activities on site (such as DWER)	Ongoing/ Completed
<p>Environmental Protection Notice (EPN) from regulator (DWER) received by MRC on 28 November 2024. This followed period of consultation between MRC and DWER.</p> <p>11 items in total. All relevant items (1, 2, 3, 4, 5, 7, 8 and 10) are now complete.</p> <p>Further discussions following MRC reports to DWER are ongoing</p>	Ongoing

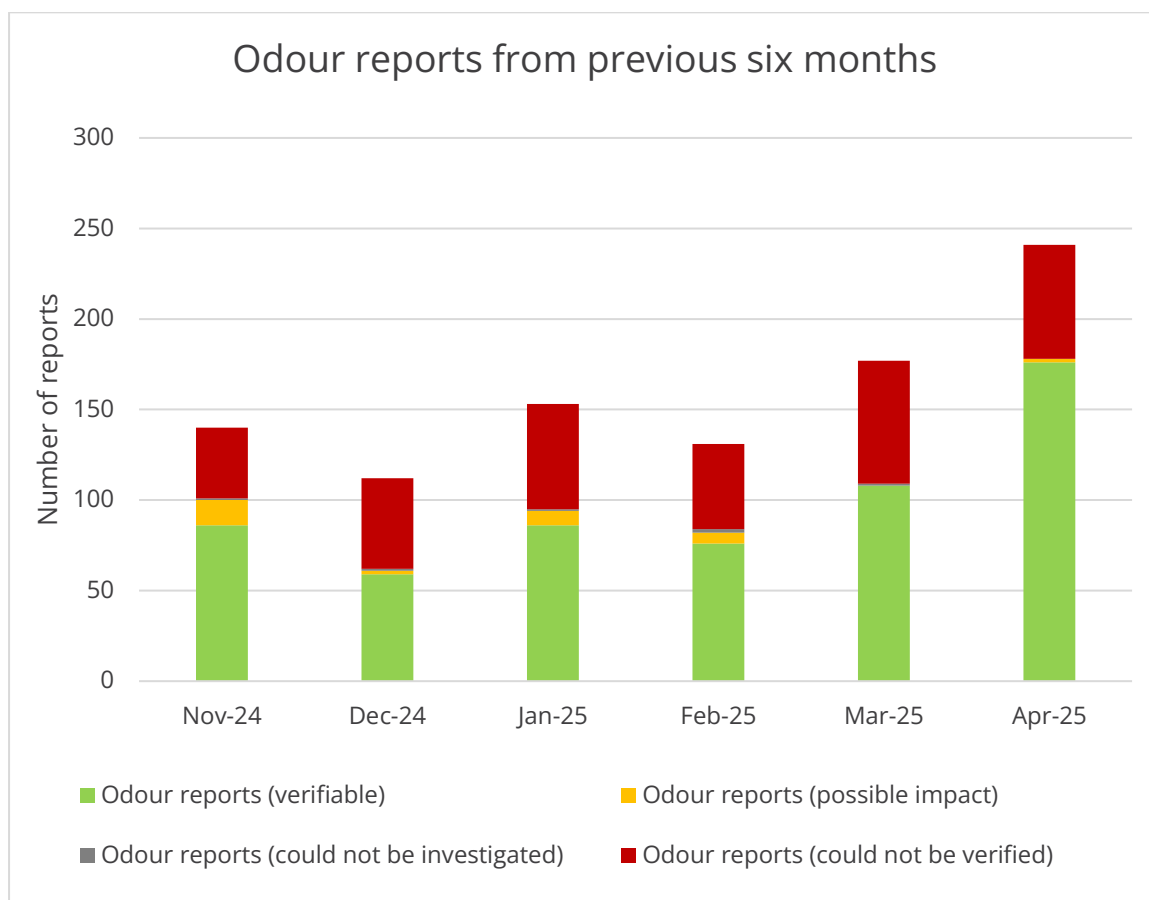
MRC receiving monthly report from DWER detailing number of odour complaints received by the regulator. This is a reciprocal arrangement.	Ongoing
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4. Odour reports

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 April 2025.

Complaints	Number
Total number of reports received	241
<i>Of which</i> impact from Tamala Park could be verified by climatic data	176
<i>Of which</i> impact from Tamala Park was possible (but not verifiable) based on climatic data	2
<i>Of which</i> impact from Tamala Park could not be investigated due to lack of data provided in report	0
<i>Of which</i> impact could not be verified by climatic data	63
Number of reports from a residential address which had not previously reported to MRC	19



4.2. Location of odour report by suburb/area

Suburbs	Number
Clarkson	144
Mindarie	88
Butler	1
Kinross	4
Burns Beach	3
Scarborough	1
Data not provided	0
Total number of complaints	241

Map of complaint locations overleaf.



4.3. Description of Odour experienced

When making an odour 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)	132
Acidic/ Rancid (Sour, vinegar, off-milk)	13
Gas/ Chemical (Rotten Eggs, ammonia, fishy)	65
Burnt/ Smoky (Burnt rubber, exhaust fumes, grilled meat)	2
Sewerage (Faecal, manure, sewery)	11
Putrid (Dead animals, rotting meat)	11
Not described in complaint	4
Other/listed in comments	0
Hydrocarbon/ solvent (Rubbery, plastics, solvents)	2
Sweet (Fruity)	1
Total number of complaints	241

5. Correspondence

Detail	Status
Three pieces of correspondence relating to odour management have been received from members of the public.	Complete
Each has received a response.	

6. MRC communications and community engagement

Detail	Status
Communications updates including changes to website, media coverage, guides or procedures for staff, etc.	Ongoing/ Completed
Odour descriptions offered to residents submitting an odour report through the MRC website have been updated to more closely align with the terms/definitions used by DWER	Complete

7. Other relevant updates/general discussion

Detail	Status
Anything else which does not fall neatly into one of the above categories	Ongoing/ Completed
Nil	

8. Next meeting

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