

Date:	25.06.2025
Location:	Tamala Park



OMKSWG Minutes

Odour Management Key Stakeholder
Working Group (MRC)

Date of meeting:	Wednesday 25 June 2025
Location:	Mindarie Regional Council (MRC) Administration
	Tamala Park
Attendance:	Environmental Supervisor (ES)
	Data Assistance Officer (DA)
	Communications Specialist (CS)
Apologies:	Odour Consultant (OC)
	Operations Coordinator (OC)
	Chief Executive Officer (CEO)
	Executive Operations Manager (OM)
	Environmental Officer (EO)
Minutes released:	24 July 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	Approved by all in attendance

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 continues 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 over 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.	Ongoing
Winter works are already well underway on the landfill.	Ongoing
Mister unit now being used to mitigate odours in areas identified during a recent inspection of the site by the Independent Odour Consultant.	Complete
New landfill compactor has now arrived at the Tamala Park workshop and is being fitted with the necessary equipment and systems for landfill duties. It is expected to begin work on the landfill surface within the next two weeks.	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 is now being applied on the 'batters'/sidewalls to prevent oxygen ingress and landfill gas egress. This will also help keep rainfall out of the landfill.	Ongoing
Series of smaller pumps to move water away from the landfill surface have now arrived and been deployed.	Complete
Work on infiltration basin is very nearly complete. This 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. Work expected to be completed imminently.	Ongoing
Work to apply 20,000sqm of HDPE rainfall barriers to the easter portion of the landfill is now underway. This will prevent rainwater from entering the landfill mass (and becoming leachate), and also aid the collection of landfill gas from within the landfill for disposal in the LFG power station.	Ongoing
Awaiting completion of above works before a further 7,000sqm (aprox.) of the landfill will be covered with rainfall barriers in the central western portion. These can be moved – if necessary – as the active landfill area moves.	Ongoing

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. Mulch currently being applied.	Ongoing
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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
Awaiting further information from the LFG power station operator following a meeting to discuss optimisation of the landfill gas collection system which took place in May. Discussion covered odour and landfill gas extraction. Operator committed to providing additional assistance to MRC in this area.	Ongoing
June meeting with LFG power station operator	Complete
Estimated time for connecting the additional 3x 400mm landfill gas collection 'risers' (which were installed recently) to the LFG collection network has been pushed back by a month to allow for installation of rainfall barriers in this area.	Ongoing
Gas collection wells which were disconnected from the wider system to allow landfilling to occur in that area are now due to be reconnected to aid with collection of landfill gas. This is planned to take place in the next two weeks.	Ongoing
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. Evaporation on hold until spring due to winter weather conditions.	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
Pilot leachate treatment plant trials are complete. Two separate trials with two companies. Reports have been received from both companies, along with additional information as requested by MRC. Trial conducted in line with EPN item numbers 7 (complete) and 8 (complete). Data to be used to inform future leachate management.	Ongoing

3.4. Reports, investigations and surveys

Detail	Status
Updates on internal or external reports, surveys and investigations	Ongoing/ Completed

Investigating potential systems for monitoring of landfill gas emissions in real time. This is in the early stages and any trials are unlikely to be conducted until spring at the earliest.	Ongoing
Survey carried out by Independent Odour Consultant at the beginning of the month. Covered the entire landfill and select locations off-site and in the community. Report received from consultant being reviewed internally. A further survey will be carried out in mid-August following the installation of the rainfall barriers and spray on intermediate cover.	Ongoing

3.5. Regulatory

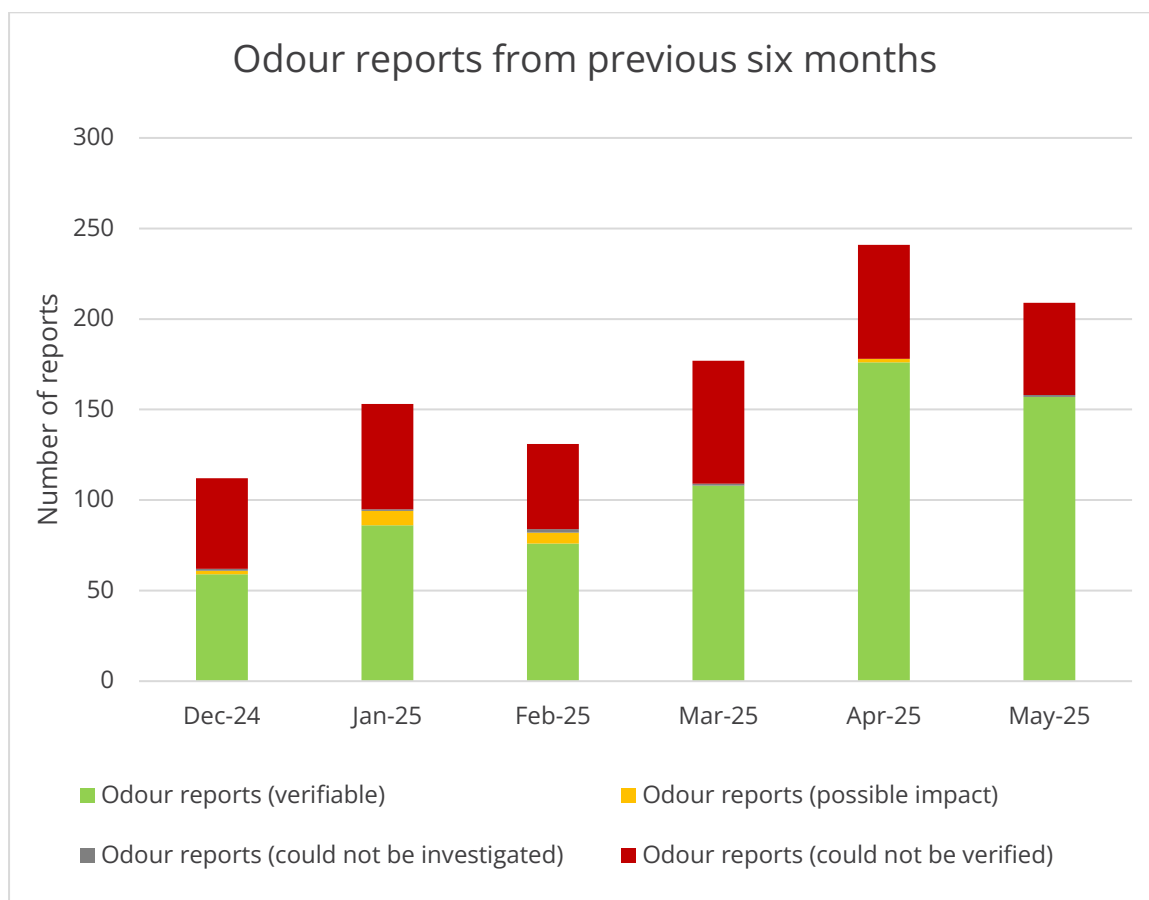
Detail	Status
Updates on anything relating to regulators or external agencies which govern activities on site (such as DWER)	Ongoing/ Completed
Environmental Protection Notice (EPN) from regulator (DWER) received by MRC on 28 November 2024. This followed period of consultation between MRC and DWER. 11 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.	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

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 May 2025.

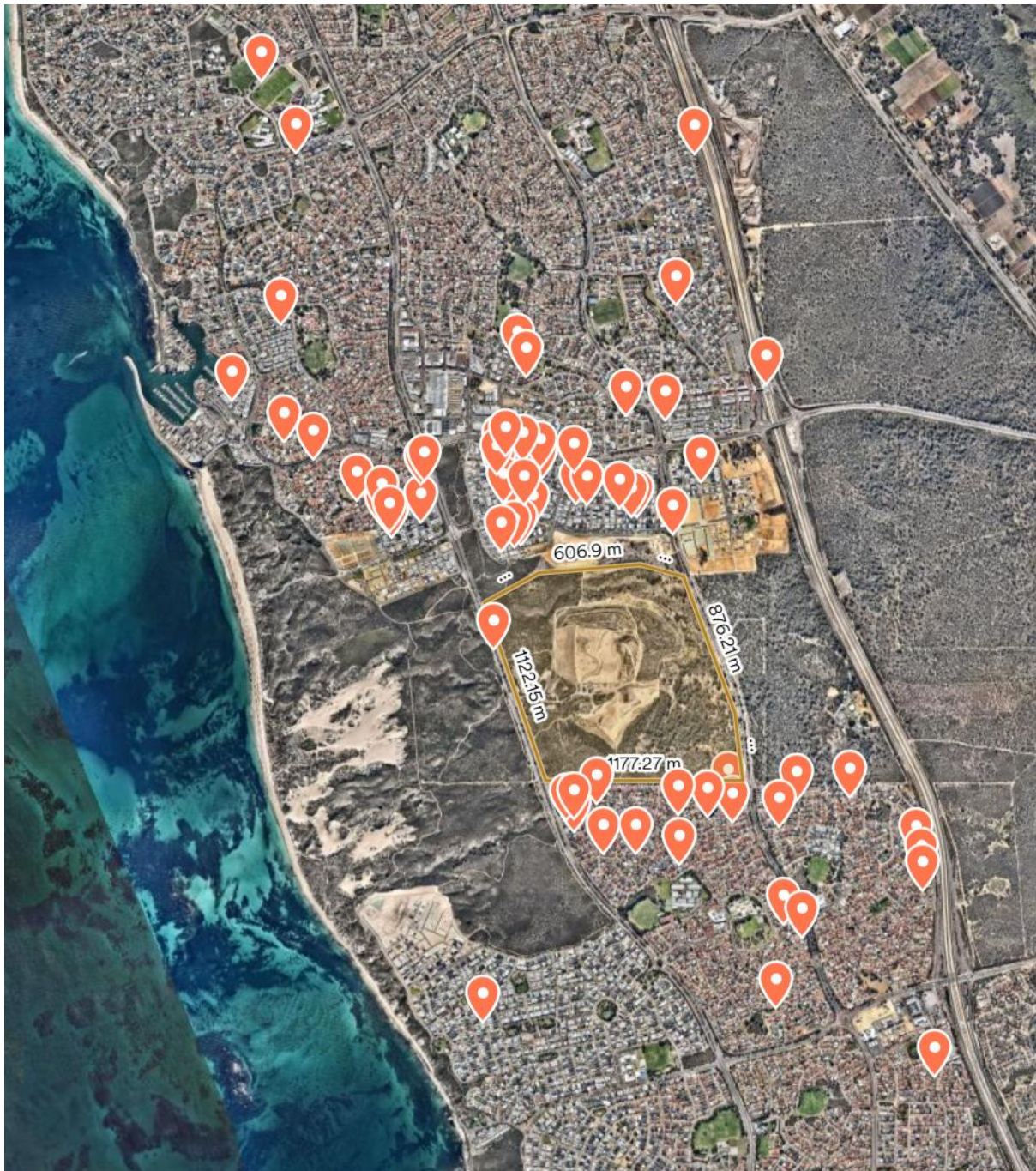
Reports	Number
Total number of reports received	209
<i>Of which</i> impact from Tamala Park could be verified by climatic data	157
<i>Of which</i> impact from Tamala Park was possible (but not verifiable) based on climatic data	0
<i>Of which</i> impact from Tamala Park could not be investigated due to lack of data provided in report	1
<i>Of which</i> impact could not be verified by climatic data	51
Number of reports from a residential address which had not previously reported to MRC	11



4.2. Location of odour report by suburb/area

Suburbs	Number
Clarkson	97
Mindarie	69
Kinross	37
Burns Beach	0
Banksia Grove	1
Data not provided	5
Total number of reports	209

Map of report 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)	113
Acidic/ Rancid (Sour, vinegar, off-milk)	13
Gas/ Chemical (Rotten Eggs, ammonia, fishy)	56
Burnt/ Smoky (Burnt rubber, exhaust fumes, grilled meat)	6
Sewerage (Faecal, manure, sewery)	4
Putrid (Dead animals, rotting meat)	8
Not described in report	3
Other/listed in comments	0
Hydrocarbon/ solvent (Rubbery, plastics, solvents)	0
Sweet (Fruity)	6
Total number of reports	209

5. Correspondence

Detail	Status
Four pieces of correspondence relating to odour management have been received from members of the public, with MRC receiving a copy of one piece of correspondence addressed to a third party, by way of information.	Complete
Correspondence addressed to MRC has been responded to appropriately.	

6. MRC communications and community engagement

Detail	Status
Communications updates including changes to website, media coverage, guides or procedures for staff, etc.	Ongoing/ Completed
No notable updates relating to odour	Complete

7. Other relevant updates/general discussion

Detail	Status
Anything else which does not fall neatly into one of the above categories	Ongoing/ Completed
It was noted – and reiterated – by the CEO that the ongoing landfill works (the temporary rainfall barriers, tarps, optimising the landfill gas collection infrastructure and the intermediate spray-on cover) are a priority for the organisation over the next few months.	N/A

8. Next meeting

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