

Date:	27.03.2025
Location:	Tamala Park



OMKSWG Minutes

Odour Management Key Stakeholder
Working Group (MRC)

Date of meeting:	Thursday 27 March 2025
Location:	Mindarie Regional Council (MRC) Administration
	Tamala Park
Attendance:	Environmental Supervisor (ES)
	Data Assistance Officer (DA)
	Operations Coordinator (OC)
	Communications Specialist (CS)
Apologies:	Executive Operations Manager (OM)
	Chief Executive Officer (CEO)
	Odour Consultant (OC)
Minutes released:	30 April 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

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 remains at RL45.5 (now in ESE corner of the site). Expected to move to RL48/49 in coming days.	Ongoing
Daily cover of limestone at end of each day's operations. EcoSorb being used as appropriate and required. Additional applications of EcoSorb being used in areas where odours are present.	Ongoing
Discussions ongoing in preparation for winter 2025 – landfilling to be expedited on high landfill levels ahead of winter weather so area can be temporarily capped to aid rainwater runoff.	Ongoing
Mister technology now being applied in highly localised applications over coming months to mitigate areas of concern for odour on site.	Ongoing
MRC to create dedicated landfill role for application of odour mitigating measures, surface water assistance and leachate management assistance over 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
New mobile high-flow pump to be installed and tested for operational efficiency. This will be used during winter to address areas of surface water as and when necessary.	Ongoing
Series of smaller pumps to move water away from the landfill surface to be purchased.	Ongoing
Early stages of implementation for 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

2.3. Other operations

Detail	Status
Any other operational updates not covered above which is relevant to odour management	Ongoing/ Completed
Investigating the potential impact of specialist compactor downtime on odours generated by fresh waste (waste directly below the daily cover of limestone). Specialist compactor was out of action for approximately two weeks and excavator was used in interim. Compactor now back on line.	Ongoing
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
Contractor on site for new trenching works to install further landfill gas extraction pipelines. This is to accelerate the rate at which new pipes can be installed on site.	Complete
Identified areas in need of additional landfill gas capture infrastructure (or in need of repair/renewal). Works to be completed prior to winter 2025 (April 2025)	Complete
DWER EPN item number 5. See section 3.5	Complete
Monthly meeting with LFG power station operator	Complete
LFG power station operator reports increased amount of landfill gas capture sufficient to run plant with five engines – increased from four	Complete
Further meeting planned with LFG power station operator to discuss works which may arise from item 5 of the EPN	Complete
Works identified as part of EPN item number 3	Ongoing

3.2. Leachate management

Detail	Status
Any updates/changes to the management of leachate	Ongoing/ Completed
Leachate extraction from landfill gas wells at central landfill area. Extraction to be paused while landfilling takes place in this area (RL48). Will be resumed once landfill is raised and temporary cap is in place.	Complete
Working with LFG power station operator to assess if new landfill gas extraction infrastructure on western capped section will require pumps to prevent buildup of rainwater/leachate in infrastructure during winter	Ongoing
Contents of <i>Batter 1 Pond</i> being removed inline with item number 1 of DWER EPN.	Complete

MRC expecting delivery of <i>high flow pump</i> to manage rainwater and leachate on site during winter	Complete – see section 2.2
Weekly monitoring of landfill batters to identify and prevent leachate ‘seepage’ (DWER EPN item 2) as part of day-to-day landfill operations	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 egress. Available products have been reviewed, provider has been identified. Trial expected to commence soon.	Ongoing (planned completion prior to winter 2025)
Pilot leachate treatment plant trials are complete. Two separate trials with two companies. Reports from both tests due in May. Trial conducted in line with EPN item numbers 7 (complete) and 8 (ongoing). Data to be used to inform future leachate management.	Ongoing
Investigating alternative intermediate cover materials to further inhibit landfill gas egress during winter	Ongoing

3.4. Reports, investigations and surveys

Detail	Status
Updates on internal or external reports, surveys and investigations	Ongoing/ Completed
MRC operational staff to visit other landfill sites to assess alternative intermediate cover materials which may be suitable for use over winter	Complete

3.5. Regulatory

Detail	Status
Updates on anything relating to regulators or external agencies which govern activities on site (such as DWER)	Ongoing/ Completed

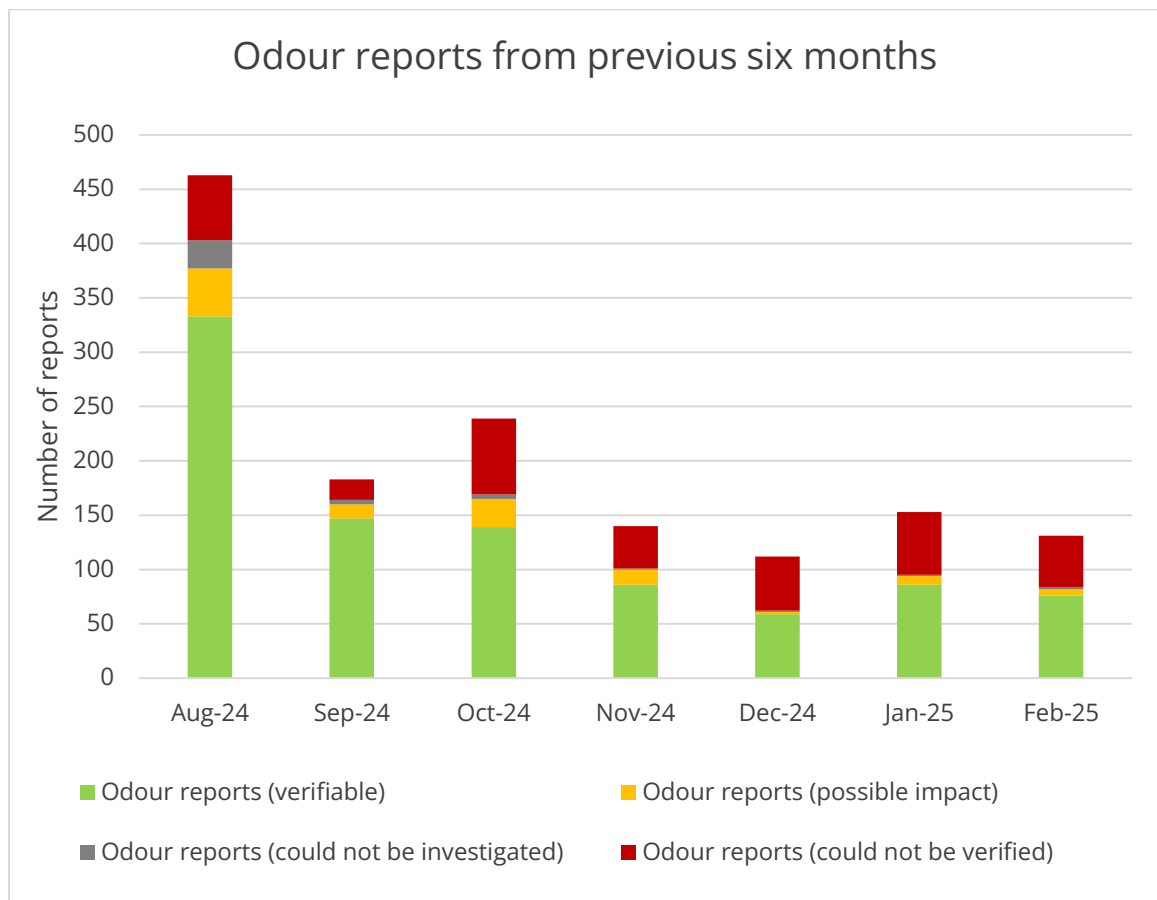
Environmental Protection Notice (EPN) from regulator (DWER) received by MRC on 28 November 2024. This followed period of consultation between MRC and DWER. 11 items for MRC to review and action. Actioning of items currently underway. Items 1, 2, 3, 4, 5 and 7 complete (as of time of meeting) Further discussions following MRC reports to DWER	Ongoing
MRC receiving monthly report from DWER detailing number of odour complaints received by the regulator.	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 February 2025.

Complaints	Number
Total number of reports received	131
<i>Of which</i> impact from Tamala Park could be verified by climatic data	76
<i>Of which</i> impact from Tamala Park was possible (but not verifiable) based on climatic data	6
<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	47
Number of reports from a residential address which had not previously reported to MRC	7



4.2. Location of odour report by suburb/area

Suburbs	Number
Clarkson	60
Mindarie	63
Kinross	5
Burns Beach	2
Data not provided	1
Total number of complaints	131

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	47
Sour / Acid / Milk	0
Chemical / Gassy	18
Burnt/ Smoking	2
Sewerage / septic	7
Rotten Eggs	9
Smells	22
Putrid / rancid	14
Not described in complaint	2
Other/listed in comments	1
Toxic	6
Landfilling	2
Nauseating	1
Total number of complaints	131

5. Correspondence

Detail	Status
No correspondence relating to odour management received from members of the public since last meeting	N/A

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 reporting tool on MRC website reviewed and improvements for usability made	Complete
Alerts to website home page regarding upgrades to landfill and potential odour impact between 4 March and 14 March	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 April 2025 at Mindarie Regional Council (MRC).