

Mindarie Regional Council
Odour Management Key Stakeholder
Working Group

25 September 2024 Meeting – **Minutes**

Released 20.11.2024



Date: 25 September 2024, 11.30 am

Location: Mindarie Regional Council

Attendance:

Chief Executive Officer (CEO)

Acting Executive Operations Manager (A/EOM)

Environmental Supervisor (ES)

Operations Supervisor (OS)

Communications Specialist (CS)

Apologies:

Odour Consultant (OC)

Odour Data Assistant (ODA)

ELO: D-24-0008402

1. MRC – OMKS – Previous Meeting – completed actions

- Odour Management Plan
 - Update on deliverable timeline – Mid-July 2024.
 - Draft document has arrived, MRC to review
 - **Waiting on results of the mister trial**

- Landfill Gas Emission Investigation
 - ES investigating the last time the landfill gas wells were installed in the landfill and the gas capture of the gas wells previously installed. – completed, discussion with EDL on drilling/well
 - **New Action: MRC/ EDL in final design phase**
 - **Install of three sacrificial horizontal lines are planned for Mid Oct 2024**
 - **EDL meeting Wednesday 30.10.2024 to discuss additional lines in preparation for 2025 Winter**

- Community Engagement
 - Updated the automated response to the on-line complaint form
 - When did you first experience the problem smell
 - Updated the online complaint form
 - Updated MRC's website's automated response to the community odour complaint to provide more information to residents in the first instance. A more detailed response follows this

- MRC staff who take telephone calls now have a 'problem smells' guide to help them better answer calls/complaints from residents
- City of Joondalup Councillor– Lewis Hutton – organised a meeting
- City of Wanneroo Councillor – Phil Bedworth - organised a meeting
- Access to MRC/ DWER Licence link
 - https://www.der.wa.gov.au/component/k2/itemlist/filter?fitem_all=Mindarie&moduleId=94&Itemid=175
 - DWER website link with the MRC website
 - Action: CS to place on MRC website
- DWER – Engagement
 - Community Website update
 - DWER community odour complaints registered
 - MRC requested Community Odour Complaint numbers registered with the DWER. They have sent one email.
 - Action: Sent an email requesting information 23.8.2024 AM. - completed
 - Question: can the MRC website address be placed on the DWER community website
 - Action: CS to contact DWER with the request to link to new MRC information and complaints form
Viewed the website, the last update is on the 24 July 2024
- **Tarps – re-instate discussions**

Re-instating the use of tarps as potential mitigation for odour
Discussion: The use of the tarps, while capturing the odours at night, may increase the odours in the morning when the tarps are removed. There is no documented evidence that odours are decreased with the use of tarps.
Outcome: The 150mm of daily cover will continue until future evidence can be sourced.

2. MRC – OMKS – Working Group

Open discussion:

1. Community Engagement –

Potential for additional information to be added to the website

- Discussions/ suggestions:
 - season messages;
 - weekly information;
 - changes to operations; as appropriate.
 - Operational updates to be featured on the odour management page of the website – added by CS

2. Budget Discussion:

- 2024/25 Budget
 - Investigation of Leachate Treatment Plant options
 - Preliminary investigations underway
 - Update: The pilot study RFQ is being raised
 - Capping on the Western side of the landfill
 - Update: The capping contractor is awaiting the arrival of the capping liner material

3. DWER – Engagement

- **DWER community odour complaints registered**

The DWER sends weekly updates on the total number of complaints they receive.

DWER attended the site on 25th Oct to undertake odour surveys

Action: MRC is contacting the DWER for a copy of these results.

4. Misters Trial

The Misters operational ready for Odour assessment

- Update – four new misters will replace the current four on site. To be tested under normal operation conditions
- Odour trial – restart 21 Oct – 3 Nov 2024
- Meeting with Odour Consultant to discuss outcomes

5. Data collection and recording and answering of questions

- Odour complaint arrives in Admin inbox and the complainant receives an automatic reply
- Registered into ELO by ODA
- Replied to the complainant (second one) by ODA and filed in ELO
- Investigation of the odour complaint and information/ outcome entered into the spreadsheet
 - Weather data from on on-site weather station
 - Aerial of the location of Complainant
 - Operational conditions on site
 - External conditions to the site

Discussion:

Questions raised by complainants

- Discussion – Flow chart of Odour Complaints
 - Action: New questions raised by complainants are to be reviewed and to advice on a response.

6. Drone – Thermal Imagery

During the recent odour survey on site, discussions were had around thermal imagery. OC and ES discussed the heat being generated by the landfill and the potential of odours being drawn up with the heat.

- Discussion – Obtain three quotes as per the purchasing policy, with two options:
 - Option 1 – the initial investigation, see if results have a useable information to enable additional strategic management of extracting landfill gas/ odour.
 - Option 2 – MRC to proceed with additional surveys
 - Action – ES to obtain three quotes

7. Comment problem smells – recorded

	July	August
Garbage / Rubbish	30	65
Sour / Acid / Milk	0	1
Chemical / Gassy	20	19
Paint thinners	0	0
Medical	0	0
Burnt / Smoking	1	4
Sewerage/septic	6	28
Rotten Eggs	2	22
Smells	71	56
Putrid/rancid	80	35
No description in the complaint	0	7
Other / listed in comments	0	5
Toxic	6	4
Landfill	0	3
Dead	0	
Nauseating		5
Total	216	254

3. Operations Optimisation Programs to reduce odours

Operational activity to reduce odours on-site during August 2024

Item	Activities on-site to reduce odour issues	Comments
Landfill	Zeolite	Spread onto the ponding area
	Covering the waste	150mm limestone Plus re-sheeting side batters
	Landfilling bench	5m reduced to 3.5m
	New Vibrating Roller	As required
Power Station	Generated Kwh	August – 2,377,262
	Efficiencies – Tonnes CO _{2-e} Abated	August – 12,870
Landfill gas	Landfill Gas Monitoring	Within Licence Condition parameters
	Efficiencies	August 2024 Wellfield adjustment Program – completed, August due to be completed by end of the month
Leachate	Leachate pond	BioWish added once a week. Ecosorb as required during the trial

4. Special Investigations/ Events

Nil

5. Community Odour Complaints Register for June and July 2024

August 2024

During August 2024, three hundred and thirty-three (333) community odour complaints were registered. Of which 247 were identified as being impacted on. 29 days for August, odour complaints were registered. 217 of these complaints were new to our system. Key locations Kinross, Clarkson and then Mindarie

6. External Correspondence

DWER visit to site:

See comments above

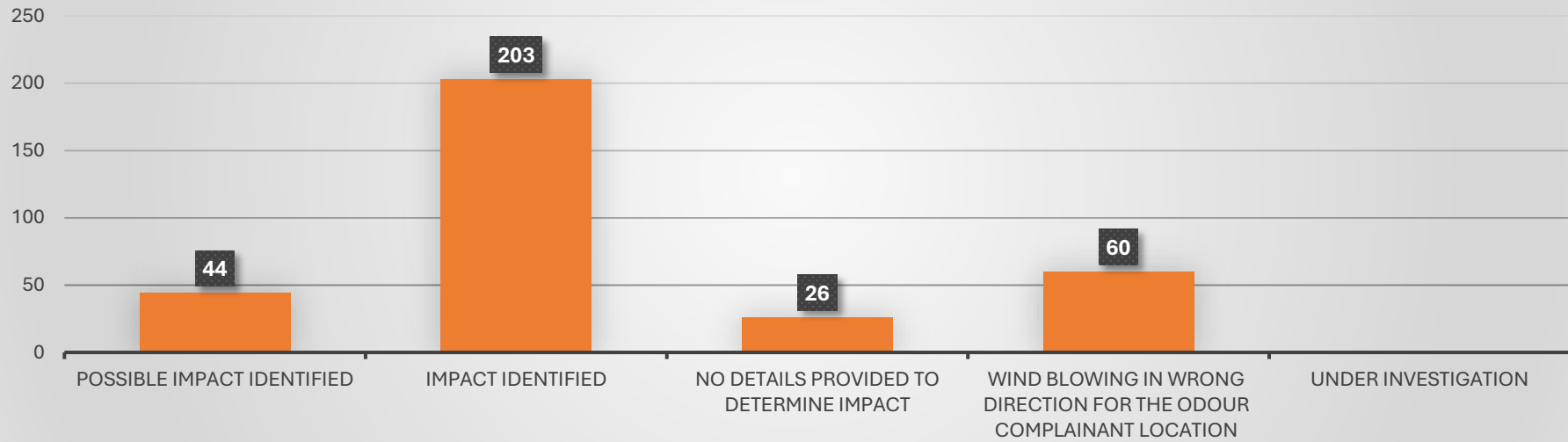
7. Key Meetings/ Events Ahead

See comments above

8. Next Meeting

October 2024

Event Odour Outcomes August 2024



Complaint Location August 2024

