

D-23-0006664



# **MRC**

## **Odour Management Key Stakeholder Working Group**

**4<sup>th</sup> October, 2023 at 9.30am**

## **Minutes**

**TABLE OF CONTENTS**

- 1. ATTENDANCE / APOLOGIES ..... 3**
- 2. MRC – OMKS –ACTIONS FROM LAST MEETING ..... 3**
- 3. MRC – OMKS – WORKING GROUP ..... 3**
- 4. OPERATIONS OPTIMISATION PROGRAMS TO REDUCE ODOURS..... 5**
- 5. SPECIAL INVESTIGATIONS ..... 6**
- 6. COMMUNITY COMPLAINTS INVESTIGATION/ INTERPRETATION AS OF  
SEPTEMBER 2023 ..... 7**
- 7. EXTERNAL CORRESPONDENCE ..... 7**
- 8. KEY MEETINGS / EVENTS AHEAD..... 7**
- 9. NEXT MEETING..... 7**

## 1. ATTENDANCE / APOLOGIES

### Attendance –

Operation Manager (OM)  
Environmental Supervisor (ES)  
Waste Management Supervisor (WMS)  
Chief Executive Officer (CEO)  
Administration Officer (AO)

### Apologies

Commercial Relations Officer (CRO)

Note: Orange text highlights actions outstanding, discussions/ items raised from this meeting.

## 2. MRC – OMKS –actions from last meeting

- Information to provide to /or available on website, new website due soon  
Action: 10.8.2023 request form to IT for hyperlinks to the four dot points in odour management on the website – completed
- Reporting chain-in line with MRC charter  
Action: AO and ES to review before next meeting.
  - AO and ES reviewed - completed
  - **Action:** Leadership Team to discussion the charter
- Odour Flyer Information  
Action: Resident Newsletter -sent to Catalina Regional Council, Satterley, DWER and available on website - completed
- Landfill – Discussion about tonnes to landfill after hours
  - Tonnes to landfill
    - Collect after hour tonnes to landfill data in relation to odour complaints  
Action: EMO- discussed with City of Perth regarding after hours tipping – completed  
Action: EMO- discussed with City of Stirling regarding after hours tipping – update – restricted tipping times may be implemented by an amended DWER Licence.

## 3. MRC – OMKS – Working Group

Open discussion on its role and assign roles:

Discussion on roles: receiving and processing notifications/complaints

- Administration/ Environmental Department
  - Casual temp hire to provide administration assistance in odour registrations, data collection, responses and filing.
  - ES to provide training in – receiving, reply (with templates), filing, data collection, maintain database.
  - Admin Assistance to draft agenda and minutes
  - AO to provide website assistance in uploading minutes, newsletter, flyers etc.
- Proposal that new administration assistance to access [admin@mrc.wa.gov.au](mailto:admin@mrc.wa.gov.au) email
  - Can be accessed to assist in managing the inward and outward odour correspondence.

- Efficiencies - to track, file, reply and investigate
- **Action:** Proposal to be brought to Leadership Team Meeting for discussion
- **Action:** IT to thereafter organise computer, access to required software
- Community Champions
  - Discussion – Their role, attendance to meeting, Invite to be a community champion, evaluate nominations
  - Number of community Champions?
  - **Action:** On hold – due to Local Council elections

Existing Key Stakeholders			
MPL Burns Beach	Tamala Park Regional Council	DWER	Member Councils' Information Bulletin – Provide key outcomes
Community Champion 1 – Kinross resident	Community Champion 2 – Kinross resident	Community Champion 2 – Catalina resident	Community Champion 2 – Catalina resident

- Southern Odour Pods
  - Weather Pattern moving to summer pattern, afternoons south-westerly and morning easterlies.
  - Damage to odour pods on southern boundary through vandalism by an external party, thank you to the resident who shared the situation with us, after hours.
  - **Action:** Decommission the southern odour pods and move to northern side of landfill
- EcoSorb – scheduled delivery to landfill
  - Daily delivery of EcoSorb to landfill at scheduled times, breeze dependant
  - Reviewed Mon/Thursday so the week and weekend has coverage of EcoSorb
  - EcoSorb delivered – start of the afternoon sea breeze – south westerly. Also a north, north – east/west breeze into Kinross.
  - EcoSorb delivery schedule has been added to the daily pre-start and numbers of odours from the previous night mentioned.
  - EcoSorb ordering and delivery – stock trigger levels action the purchase of additional EcoSorb considering there is a 6 week wait for delivery.
  - **Action:** Investigating the benefits of Scheduled EcoSorb delivery to landfill under certain wind conditions.
  - **Action:** order another 10 drums, as back up in the event that product takes longer that 6 weeks from the east.
  - **Action:** discussions with landfill about increasing concentrations of EcoSorb.
- Zeolite – 20 ton
  - Delivery pending, has arrived on the wharf from Queensland, customer clearances and then delivery to site.
  - Expecting delivery by the end of the next week.
- Ongoing discussion with Department of Water and Regulations (DWER)
  - MRC provided the following documents:
    - Odour Report
    - The last OMKSWG minutes
    - Resident – Landfill Newsletter
  - MRC in discussion with DWER to amend DWER licence to assist in reducing odour generation.
  - **Action:** DWER has added the MRC to its Community Update webpage: <https://www.wa.gov.au/organisation/departement-of-water-and-environmental-regulation/community-updates> website

- Proposed Site Tours – (new item)
    - Last Friday of every month
    - Start November
    - On-line booking form
    - 6-10 capacity
    - Able body only, no capacity to cater for disabilities at this time
    - Adults only
    - PPE – enclosed shoes, hat, sunglasses,
    - Information to be released on website
- Action: Proposal to be brought to Leadership Team Meeting, for discussion

#### 4. Operations Optimisation Programs to reduce odours

Operational activity to reduce odours on site during the period September 2023

Item	Activities on site to reduce odour issues	Comments
Landfill Operations	EcoSorb (odour neutralisation product (enzymes that eat odour gases)	EcoSorb being applied to landfill strategically.
	Zeolite	20 Tonne on order and being shipped from Queensland, arriving 29 <sup>th</sup> September 2023
	Odorous Loads/ Special Burials	One odorous load linked to an odour registration event
	Covering the waste	150mm limestone and/ or tarps cover applied daily to delivered waste
	Zeolite spread out on wet areas on landfill	Continue to be spread over the working bench
	Investigating barrier mitigation	Third party quoting and presentation
	Southern Barrier Odour Pods	Decommissioned and being moved due to change in weather patterns
	Landfilling bench	5m reduced to 3.5m
Power Station	Generated Kwh	Yet to be supplied for September
	Efficiencies – Tonnes CO <sub>2-e</sub> Abated	Yet to be supplied for September
Landfill gas	Landfill Gas Monitoring	Within Licence Condition parameters
	Efficiencies	Sept 2023 Wellfield adjustment Program - completed
Leachate	Leachate pond	<ul style="list-style-type: none"> <li>• BioWish added once a week.</li> </ul>

## 5. Special Investigations

### Odour Management – Third Party Desk Top Audit and Off-Site Investigation – Odour Report

#### Key Outcomes:

- Development an Odour Management Plan (OMP) – **To Be Actioned**
- Redo Odour Source Audit on site - **incorporated in OMP**
- Undertake Field Odour Observations (including night time) – **to be discussed further**
- Undertake training in performing field odour observations and patrols – **to be discussed further**
- Investigation of after hour tonnages to landfill and odour generation – **completed**
- Odour modelling due to residential development – **incorporated in OMP**
- Auto-population of odour reporting data on website, rather manual entering by residents – **To be investigated**
- Performance trial on EcoSorb - **underway**
- MRC to discourage new residential areas with distance of MRC - **Flyer sent to Catalina Regional Council, Satterley and available on the website.**
- No ambient air quality monitoring programs recommended at this time
- Improvements on fugitive odorous on landfill eg interim capping material – **Discussions with third party contractors**

#### Budget Discussion:

- 2023/24 Budget in place
  - Ongoing works funded
    - Mitigation measure, part of daily operations
  - Future work budgeted
    - Investigation Leachate Treatment Plant options
      - Preliminary investigations underway
      - **update – working on a number of valid options**
    - Capping of Western side of landfill
      - Preliminary investigations underway
      - **update – specifications and drawings available soon for the tendering process**
    - Ambient Air Monitoring Units -
      - RFQ – two units (mobile)
      - Sensors to include determination of the following gases: hydrogen sulphide, total volatile organic compounds, nitrogen dioxide, carbon dioxide and carbon monoxide, Temperature, Humidity, wind, direction
      - **Under discussions due to Odour Report recommendations**
    - Odour Misting/vapour system ring around landfill
      - Requesting a performance based product including service and maintenance
      - **Quote document currently In draft format**

## 6. Community complaints investigation/ interpretation as of September 2023

	June	July	Aug	Sept
Total	124	33	90	37

### General information:

- From the odour locations registered, it has been noticed that the summer pattern appears to be coming into play. In the early part of September most odour complaints were from Kinross, while in the later part of September, Clarkson shown most complaints.
- Community Complaints for August, September and Oct will be presented at next meeting.

## 7. External Correspondence

Contacted by DPLH regarding a proposed development application in a neighbouring northern section of land – seeking information relating to the number of odour complaints received from within that specific area over the past 5 years.

DWER has informed the MRC of the DWER website now showing their community updates:  
<https://www.wa.gov.au/organisation/department-of-water-and-environmental-regulation/community-updates>

Community Odour meeting was apparently held by a resident. No contact has been made to or from the MRC since the meeting took place.

## 8. Key Meetings / Events Ahead

Local Council Elections pending

## 9. Next Meeting

To be Scheduled for early November.