

Odour Management Plan

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Site: Newport Pagnall

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1. Introduction

1.1 Introduction

This Odour Management Plan (OMP) sets out measures to prevent or minimise odour pollution arising from the storage of streetsweeping and gully waste at National Highways Newport Pagnall depot, Newport Pagnall, next to Newport Pagnall Services at Junction 14/15, M1, Buckinghamshire, MK16 8DS (**the Site**). It follows the principles of the Environment Agency H4 Odour Management Guidance.

Objectives:

- Prevent or reduce odour at source.
- Minimise the risk of odour pollution beyond the site boundary.
- Ensure swift and effective response to odour complaints.

The Site is operated by Ringway Infrastructure Services Ltd (the Operator), who are sub-contracted by National Highways to provide carriageway support services, including regular streetsweeping and clearing of gullies on a regular basis.

An odour management plan is required where there are sensitive receptors within 400m of the Site.

1.2 Sensitive Receptors

1.2.1 Sensitive Receptors within 400m of the Site boundary have been identified and tabulated in Table 1 below.

Table 1 Sensitive receptors within 400m of the Site

No.	Name	Type	Direction	Dist. (m)
1	National Highways depot	Industrial	N	15
2	Ramada Hotel	Residential (transient)	SW	15
3	Newport Pagnall Services	Commercial	SE	30
4	M1	Highway	E	70
5	River Great Ouse LWS	Protected habitat	E, N, W,	75
6	Residences off Rowditch Furlong Rd	Residential	NW	100
7	Residences off R. Furlong Rd	Residential	S	105
8	Residences N. of Little Linford Ln	Residential	NW	160
9	Redhouse Park	Recreation	S	220
10	Migratory route (E. Eel, R. Lamprey)	Protected habitat	NW	375

1.2.2 A Nature and Heritage Screen was run by the Environment Agency during basic pre-application advice. The screen returned the following habitats within up to 500m of the Site (Table 2).

Table 2 Protected features/ species within 500m



Screening distance	Protected feature/ species	Protected feature / species
200m	Local Wildlife Site	River Great Ouse
500m	Protected Species (River Great Ouse)	Code 2 European Eel migratory route River Lamprey migratory route

2. Odour Sources

Potential odour sources from operations include:

- Storage of wet or decaying organic matter in streetsweeping and gully waste.
- Disturbance of stored waste during handling or transfer.

The Site will receive wastes under a single waste code (20 03 03) to comprise of street sweepings and waste from the clearing of gullies.

This waste will comprise:

- Streetsweepings, solid waste with a minimal water content
- Gully waste, from the clearing of gullies using water. This waste arrives as water/solid mixture, with up to 20% water content, from the cleansing of the gullies.

The street-sweeping waste is considered to have a **LOW** potential for odour.

The gully waste, having resided in a potentially anoxic environment, out of direct light, has a **MEDIUM** potential for odour potential.

3. Operational Controls

3.1 Waste Acceptance

The Operator is contracted to service given areas of the road network on behalf of National Highways. Areas subject to incidents, spills etc are treated separately and waste from these events are directed p-

Only street cleaning residues and gully waste from permitted sources will be accepted.

The Operator will import all waste on their own vehicles, allowing inspection at the point of collection and deposit. All loads will be inspected for contamination or unusual odorous material on arrival.

Highly odorous loads will be rejected or transferred immediately.

3.2 Storage Practices

All waste will be stored on an impermeable surface with sealed drainage.

Street sweeping waste will be deposited within the concrete storage bay. Storage within the bay is limited, requiring regular clearing before more waste can be accepted to Site. It is anticipated that waste will be removed approximately weekly or sooner if necessary (due to capacity, odour).

No leachate will be stored on Site.

3.3 Waste Handling



Waste will be deposited within the concrete storage bay and water allowed to drain. Remaining solids will be tidied up using on-Site plant, to facilitate further tipping.

3.4 Housekeeping

Waste storage and handling areas will be cleaned regularly, including drains. Transport and handling plant will also be cleaned regularly, as required.

Spills will be promptly cleaned.

4. Monitoring

- Routine checks: Daily odour checks at site boundaries by trained staff; findings recorded in an odour log.
- Weather monitoring: Be aware of conditions (e.g. warm, still weather) that could increase odour risk; adjust operations accordingly.
- Sniff tests: Conduct downwind sniff tests during high-risk operations.

The following procedure supports industry guidance and ensures early detection of odour issues, preventing nuisance to nearby receptors.

4.1 Procedure

- Site staff will carry out weekly boundary walks to check the surrounding area for high levels of odour. If required, “sniff testing” monitoring will be carried out by a person not directly involved with the operations at the site.
- Visual (and nasal) inspections of potentially odorous activities will be carried out.
- The results of the weekly assessment will be recorded in the Odour Report Form, Appendix B.
- In the event of odour scores of 3, 4 or 5 being recorded the site staff will be alerted to implement contingency measures. Retesting at the installation boundary will be conducted following any actions implemented to ensure the effectiveness of recorded actions implemented.
- In the event of odour complaints being received the Operator will notify the Environment Agency and make a record of the complaint (see Appendix A Odour Complaint Form and Appendix B Odour Report Form). The Operator will undertake the necessary odour contingency as required

5. Odour Action Plan

If odour is detected beyond site boundary or a complaint is received, the following actions will be taken:

- Investigate / identify / confirm the source immediately.
- Implement corrective measures (e.g. accelerating removal).
- Record actions taken in odour incident log.
- If necessary, review waste acceptance procedures and /or Odour Management Plan.
- Notify the Environment Agency if required.



6. Complaints Procedure

Should any odour complaints be received from any source, including the above identified sensitive receptor, the Odour Complaint Form, shown in Appendix A will be completed.

All complaints should be recorded, and causes identified. Appropriate remedial action will be taken in a timely manner with a record kept of actions taken including of any additional measures put in-place to avoid reoccurrence.

7. Staff Training

All relevant staff will be trained on:

- The importance of odour control.
- Specific measures in this OMP.
- The complaints and incident response procedures.

8. Review

This plan will be reviewed:

- Annually.
- After any odour incident or substantiated complaint.
- Following any significant operational changes.

9. Key Responsibilities

Task	Staff position responsible
Olfactory checks	Manager/assistant
Overseeing/monitoring deliveries	Manager/assistant
Storage bay integrity checks	Manager/assistant
Waste inspections	Manager/assistant
Monitoring waste storage levels and organising removal	Manager/assistant
Cleaning of sediment in drains	Manager/assistant
Documenting/reviewing abnormal events	Manager
Reviewing annual plans	Manager
Complaints log	Manager

Appendices

Appendix A: Odour Complaints Procedure Form

Odour Complaint Report Form	
<i>Complete this form in as much detail as possible, in accordance with the requirements of the Odour Management Plan.</i>	Date Recorded:
Reference Number:	
Name and address of complainant	
Telephone number of complainant	
Details of Complaint	
Date, time and duration of offending odour	
Odour description e.g. comparison with other odours, strong/weak, continuous, fluctuating	
Any other comments from complainant	
Weather conditions (e.g. dry, rain, fog, snow)	
Wind strength and direction (e.g. light, steady, strong, gusting) or use Beaufort scale	
Any previous complaints relating to this odour?	Yes / No
Any other relevant information	
Potential odour sources that could give rise to the complaint	
Operating conditions at the time offending odour occurred e.g. removing spent litter, clean out	
Follow up	
Date and time complainant contacted	
Action take	
Amendment required to the odour management plan?	Yes / No
Form completed by:	Signed:

Appendix B: Odour Report Form

Odour Management Plan

Odour Report Form				Date	
Time of test					
Location of test e.g. area on farm					
Weather conditions (dry, rain, fog, snow etc)					
Temperature (very warm, warm, mild, cold or degrees if known)					
Wind strength (none, light, steady, strong, gusting)					
Wind direction (e.g. from NE)					
Intensity					
Duration (if test)					
Constant or intermittent in this period or persistence					
What does it smell like?					
Receptor sensitivity (see below)					
Is the source evident?					
Any other comments of observations					

Intensity		Receptor sensitivity
0 No odour	4 Strong odour	Low (e.g. footpath, road)
1 Very faint odour	5 Very strong odour	Medium (e.g. industrial or commercial workplaces)
2 Fain odour	6 Extremely strong odour	High (e.g. housing, pub/hotel etc).
3 Distinct odour	Ref: German Standard VDI 3882, Part 14	