

Mayflower London EMS Summary

Site Infrastructure Plan

The EMS references Site Layout Plans (provided in associated Appendices) detailing where waste piles are located within the site boundary and where the waste will be collected from for onwards transport to final disposal. The location of the buildings, entrance to the site, quarantine area, spillage materials and fire suppression materials are also provided.

Vulnerable Locations

The EMS provides a number of maps indicating the location of vulnerable receptors in close proximity to the site. Analysis of these maps has identified that the site is in an Air Quality Zone for NO₂ and PM10 and Mayflower does emit this pollutant due to its vehicle fleet, however this pollution is mitigated as per the control measures specified in the "Use of Vehicles" section of our Environmental Risk Assessment.

The site is also located in Flood Zone 3 but benefits from flood defences i.e. the Thames Barrier.

The site has been identified as being within 500m of Gilbert's Pit, a site of special scientific interest (SSSI). The site also lies within a medium/high risk groundwater protection zone which includes a soluble rock risk.

Drainage

We propose to carry out the waste transfer operation on an impermeable surfaced area to prevent any waste or effluent derived from the waste from polluting land or water. We do not feel that drainage is required as the sanitary and nappy waste we collect is highly absorbent and the probability of effluents being discharged is very low.

In the unlikely event that effluents escape during the waste transfer process we believe that the transfer on an impermeable surface and provision of spillage materials for use by trained operatives is sufficient to manage any spill.

Water, Gas and Electricity

Water, gas and electricity supplies are provided to the site, although we only intend to use these for welfare purposes and for electric lighting in the waste storage and transfer areas.

Site Operations

Breakdown of Operations

Our fleet of small collection vehicles will visit customers' premises and collect bags of non-hazardous offensive waste and non-hazardous sharps. On arrival at site the waste will be manually off-loaded into "Euro" wheelie bins and stored in the waste storage area to await collection.

On the day of collection, the vehicle will reverse up to the waste containers so that the bins of waste can be loaded. Offensive waste will be collected using a soft compaction vehicle, sharps waste will be collected using a container exchange process. All waste transfers will take place on the impermeable surface. In addition, we will provide spillage handling tools and materials in a dedicated storage container in close proximity to the transfer area should any waste spillage occur.

Once the vehicle is loaded, it will take the waste to its final disposal site (a recovery plant).

Waste Storage, Treatment & Disposal

All waste will be stored in sealed euro wheelie bins while on site and will be managed on a first in first out basis (FIFO) to limit odour and pest activity. We anticipate a fast turnover of waste with the majority of offensive wastes removed from site within 7 days.

Waste will be taken to an environmentally permitted site for disposal or recovery.

Operating Techniques

All waste management operations on site will be conducted in accordance with applicable guidance and operating techniques, as follows:

- Healthcare Wastes: Appropriate measures for permitted facilities
- Chemical Wastes: Appropriate measures for permitted facilities
- Non-Hazardous and inert Wastes: Appropriate measures for permitted facilities
- Safe Management of Healthcare Waste - HTM07-01

- Classification and Assessment of Waste - WM3
- Guidance note Odour Management -H4
- Application Form Guidance EPB - 5d Fire Prevention Plans
- Reducing Fire Risk at Waste Management Sites – Waste 28 WISH

Fire Prevention Plan

Our environmental management system will be supported by a fire prevention plan which will ensure that we have considered all ignition sources that could cause a fire and mitigated them. We will be using sealed euro wheelie bins to ensure sufficient separation between the boundary of the building and other waste in order to minimise the likelihood of any spread of fire on our site and will maintain sufficient fire suppression equipment to ensure that we can provide a prompt response to any potential or actual fires that occur on site.

Site and Equipment Maintenance Plan

All sites have a programme of site maintenance activities defined in our Site Maintenance Manual – WI28-01A, this will ensure that the site is maintained in a condition which will mitigate the risks identified in our health, safety and environmental risk assessments and will meet the requirements of our fire prevention plan, odour management plan and other environmental permit requirements.

The effectiveness of site maintenance activities will be monitored via daily management walk-rounds and recorded in our Site Diary Inspections and Requirements Checklist

All vehicles will be inspected on a daily basis and maintained in accordance with all legal and company requirements.

All other site equipment and infrastructure e.g. gates, lights, floor surfaces, spillage materials will be inspected and maintained in accordance with the manufacturer's specification.

Contingency Plans

In the event that we are un-able to access the site we can take waste direct to disposal, alternatively we could divert the waste to other permitted waste transfer stations throughout the UK for onward disposal.

In regard to the vehicles we operate a fleet throughout the UK and have spare capacity to manage any breakdown of vehicles. In extreme circumstances, we can also hire additional vehicles to meet capacity.

Accident Prevention and Management Plan

The site will maintain a plan for dealing with all potential pollution and site emergencies identified via its environmental & health and safety risk assessments.

Contact Information for the Public

The site will maintain a notice board at the gates to the site providing information to the public in regard to the waste operation and providing contact details.

A Changing Climate

We do not anticipate many direct consequences of climate change other than the 'polluter pays' principle making waste disposal more expensive. We feel that our quick turnover of waste and use of sealed waste euro bins would mitigate increased odour problems from hotter weather and rain and wind are unlikely to affect our operations other than in the most extreme of cases.

However, we have completed a Climate Change Risk Assessment and included it with our application. This has identified that all our operations are low risk on the provision that suitable control measures are implemented.

Complaints Procedure

We have a dedicated complaints management system for dealing with complaints associated with odour within our odour management plan. This details how complaints can be made, responsibilities for handling how they will be investigated and the mechanisms for taking corrective action.

Our risk assessment has identified that noise and dust pollution are unlikely, however Mayflower maintains a generic complaints policy that is available to ensure that a complaint from any stakeholder is recorded, allocated to the relevant department, investigated and a suitable remedy or final decision provided.

Managing staff competence and training records

PHS will provide a COTC certified manager to maintain the site in accordance with permit requirements. It has also developed a competency matrix for all staff involved in site waste operations to ensure that they have the training and competence to discharge any environmental permit requirements associated with their role.

Completion of refresher training is monitored and non-compliance reported via management report to the senior management team.

All contractors are evaluated by our contractor management system to ensure that they are able to provide products and services in accordance with legal, company and permit requirements. Contractors are re-evaluated on a periodical basis to ensure they maintain on-going competency.

Keeping Records

The site operates a 9 Folder record management system which captures all documentation and records required to discharge its legal, permit and company requirements. Requirements for completion storage, retention and disposition of records and documents are clearly defined in operational procedures.

If you manage, treat or dispose of waste

The site will maintain a record of all waste received and removed from site along with the legally required documentation e.g. waste transfer notes. It will also maintain a separate record of any waste it has had to reject or quarantine.

Duty of care responsibilities will be discharged via the safe management of the waste we handle, the issue of appropriate legally required documentation and the audit of sites we present our waste to for recovery.

Site Condition Report

A site condition report has been produced which identifies that although the site is located in flood zone 3, it benefits from flood defences i.e. the Thames Barrier. There is no evidence of previous pollution or contamination on site. The site is however in a ground water protection zone with medium high risk and also soluble rock risk.

The site will maintain a site diary to record any pollution and contamination incidents during the lifespan to ensure that all relevant details and resulting action are recorded and used to update the site condition report.

Review your management system

Our management system will be regularly reviewed via on-going site monitoring, internal audit and inspections carried out by our in-house quality, environmental, health and safety team.

Where possible environmental management system will be maintained in electronic format to facilitate the prompt update and communication of changes.

A record of changes will be maintained via our document control procedure.

Make sure people understand what you do

The vast majority of our environmental management system is available in electronic format via the Sharepoint based Document Centre on our company intranet making it accessible via any computer outlet and easy to communicate to all relevant stakeholders. The remaining documentation will be available via hard copy on site.