

<b>GH By-Products (Derby) Ltd</b>	<b>Fugitive Emissions Monitoring Programme</b>			
<b>Environmental Management System</b>				
<b>Document Reference:</b>	<b>Issue No.</b>	<b>Issue Date:</b>	<b>Review Date:</b>	<b>Approved By:</b>
<b>EM 01-005</b>	<b>Draft</b>	<b>Draft</b>	<b>draft</b>	Alan Asker

## **Purpose**

The purpose of the Fugitive Emissions Monitoring Programme (FEMP) is to ensure that infrastructure monitoring provides a robust mechanism that ensures fugitive emissions to land, sewer and controlled waters are kept to a minimum.

After periodic review, where necessary amendments to the inspection, testing and maintenance programme for pollution prevention infrastructure at the installation will be made to ensure their continued integrity.

## **Fugitive Emissions Monitoring Programme**

The FEMP will be incorporated into the facility's Environmental Management System (EMS). The FEMP Schedule outlines the frequency of inspections and monitoring.

Audits and review of the monitoring programme may lead to revisions of the monitoring plan in terms of frequency and the level of detail required. FEMP monitoring records will be kept for the Environmental Permit lifetime.

The FEMP incorporates the elements listed below and, where deficiencies are found, these will be reported on the Incident and Corrective Action Report Form. This will ensure deficiencies are rectified by instigating the appropriate level of management involvement and ensuring corrective actions are implemented.

The inspection and maintenance of operational equipment and process machinery, whose failure could have an impact upon the environment, will be covered by the Planned Preventative Maintenance system on site.

All bulk storage tanks, lagoons, the associated pipework and secondary containment will be inspected for sign of deterioration, damage and leaks. Where deficiencies are encountered, these will be reported using the incident and corrective action structure and repairs instigated.

## **Waste Storage Vessels**

The site uses dedicated containers for storing waste materials prior to sending them to deployment sites for land spreading under normal operations. These vessels will be inspected for signs of deterioration, damage and leaks. Where deficiencies are encountered these will be reported using the incident and corrective action structure and repairs instigated.

Stores have been constructed and will be maintained to the CIRIA Report C759 Livestock manure and silage storage infrastructure for agriculture. Records of construction to this standard are held as part of the site's EMS.

Above ground stores will be fully cleaned out every 10 years and their integrity confirmed by a suitably trained member of site staff. Records of the clean down and inspection will be documented.

## **Deliveries and Collections**

All material deliveries and collections will contact Site Management prior to arrival at / collection from a deployment location. Drivers are instructed as to the waste vessel to make their delivery to / collection from. Spill kits are present at permitted / deployment stores and will be checked as part of the stores inspection for need of replenishment.

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### **Corrective Action Structure**

Any faults or deficiencies encountered by the monitoring programme will be detailed within the Incident and Corrective Action Report Form. These documents will instigate the appropriate level of management commitment to ensure any repairs are commissioned and undertaken. A review of the corrective action will be included to ensure satisfactory completion.

### **Training**

Personnel responsible for the inspection, testing and maintenance of pollution prevention infrastructure are to be trained to an appropriate level to ensure compliance with the infrastructure monitoring programme.