

Environmental Management System Overview



Introduction

The Environment Management System (EMS) for Let's Recycle Artificial Grass Ltd (LRAG) recycling facility at Belvoir Business Park, Woolsthorpe Road, Nottinghamshire, NG13 0GN, is to manage waste the waste stream accepted by LRAG.

Site Management

LRAG will operate the site in accordance with an EMS.

A hard copy of the EMS will be kept on site at all times. The EMS folder will include a copy of the Environmental Permit along with the following sections of the EMS:

Environmental Management System

This documents contains a description of the purpose and scope of the EMS, all site details including the location of the site, receptors located in close proximity to the site boundary, waste storage, the plant and equipment this is used, waste handling procedures carried out, security measures, information on the competence of the staff working, roles and responsibilities for each member of staff and details for site closure.

Site Condition Report

This is used to record the condition of land covered by the Environmental Permit at various stages during the life of the permit. Site Condition Report, Part 1 to record the condition of the land at the permit application stage is included as Appendix 4a – 'Site Condition Report' in this bespoke permit application.

Environmental Impacts and Controls Assessment

This assessment will provide information on the processes, activities and equipment, the potential emissions and impact that they may have on air, water, energy usage, waste disposal, land contamination, nuisance, and resource consumption and how any identified impact may be controlled.

Environmental Accident Management Plan

This document will contain an assessment of the potential accidents that could occur on site, details of the likelihood of each accident occurring, the preventative measures taken to reduce the risk of each accident occurring, actions to be taken in case of an accident on site and explanation on how to record any accident that occur on site. The types of accident include:

- leaks or spillages,
- fire (Fire Prevention Plan),
- flooding (increasing risk from climate change),
- unauthorised entry,
- failure of plant and equipment,
- cross-contamination,

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- failure of services.

Training for site staff

Record keeping of staff training and when refresh training due.

Residues Management Plan

This document provides guidance on:

- Optimising the reuse, regeneration, recycling, or energy recovery of residues.
- Properly disposing of residues where recovery is technically or economically impractical.

Contingency Plan

- Ensure compliance with the Environmental Permit and operating procedures during maintenance or shutdown on site.
- Minimise the impact of non-operation of associated third-party facilities.
- Ensure site storage capacity limits are not exceeded.
- Minimise the impact on the environment and ensure business continuity, from any breakdowns, enforced shutdowns and any changes from normal operations.

Site Closure Plan (Facility Decommissioning)

This document will contain the methodology surrounding the site closure of the waste operations and the measures to ensure the decommissioning of the site does not impact on the environment and sensitive receptors.

Following any changes to the site operations and/or Environmental Permit, a full review of the EMS would take place to ensure it reflects the current operations at the site.

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