

ENVIRONMENTAL PLAN

Noise & Vibration Management Plan

EP - 06

1. PURPOSE

To ensure that emergency planning is in place to reducing risk of incidents and to minimise the risk of harm to employees, third parties and the environment.

2. SCOPE

This Management Plan provides guidance on the appropriate preparation for, and response to, foreseeable incidents arising from Natural UK’s Healthcare Waste Management Facility (HWMF) activities. Natural UK Ltd acknowledges its legal duties to control and manage any harmful emissions that could arise as part of its day to day activities under part III of the Environmental Protection Act 1990, in respect of statutory nuisances.

3. RESPONSIBILITIES

The following personnel hold primary responsibility for ensuring that the requirements of this procedure are met. General responsibilities are summarised below:

Action	Responsibility
Ensuring that environmental response plans and equipment are in place on site.	Managing Directors Technically Competent Manager
Ensuring that staff have received appropriate training	Managing Directors Technically Competent Manager
Support and liaison	Managing Directors Technically Competent Manager
Completion of Weekly Environmental Checks	Operations Supervisor
Prompt reporting of environmental incidents	All
Reviewing environmental incidents for learning points	Managing Directors Technically Competent Manager

In certain instances, designated personnel may deputise for the Managing Director and or the Technically Competent Manager. In general, these deputies should operate within the same organisational functions as those with primary responsibility for the activity concerned. Natural UK, Natural Healthcare, NappiCycle staff frequently work on other companies sites and locations all staff must comply with those sites regulations and procedures all of the time.

4. REFERENCES

- QMS -01 Working Plan
- QMS -06 Non-Conformance Reporting
- QMS -11 Health & Safety
- QMS -14 Management Systems Review
- EP -09 Emergency & Incident Response Plan
- Weekly Environmental Inspection Report

5. INCIDENT PREPAREDNESS

The Technically Competent Manager (TCM) is responsible for ensuring that adequate preparation has been made both to minimise the risk of incidents and to allow adequate emergency response. These measures shall include:

Periodic review to ensure that response capability is at the desired level.

The TCM will use the results of this exercise to identify requirements (training, equipment, etc) for his site. These requirements will be communicated to Management, who will put them in place, with the assistance of the Health and Safety Manager as required. Sighting of any emergency equipment will take into account the most likely areas of its use on site, security and ease of access in emergency.

The TCM shall set up an Emergency Plan including organisation and responsibilities, general precautions, liaison with the emergency services, detection systems (where relevant) and environmental training.

Emergency call out numbers will be clearly displayed on each site. These will include:

- **Technically Competent Manager**
- **Health & Safety Manager**
- **Managing Directors**
- **The Natural Resources Wales (NRW)**
- **Health & Safety Executive**
- **Police Service**
- **Fire Service**
- **Ambulance Service**
- **First Aider(s)**
- **Spill Response contractor (if applicable)**

6. NOISE & VIBRATION MANAGEMENT PROCEDURE

Natural UK must employ the appropriate measures necessary to prevent excessive pollution or minimise it when prevention is not practicable. The measures outlined in this document are a direct result of a risk assessment carried out to determine the main risk and likely impacts during the course of Natural UK and Nappicycles activities.

Noise and vibrations are limited mainly to areas within the NappiCycle process where waste is being treated and processed through a variety of mechanical plant and equipment, for example shredders, granulators and pelletisers. These by the nature of their operation create noise and vibrations.

Mobile plant and equipment, for example front end loading machines, fork trucks and high pressure water washers are also operated on-site and generate noise and vibration

In addition delivery vehicles and employee cars also enter the site all of which generate noise and vibration

Working on that basis to minimise the risk Natural UK will implement the following control measures:

Control Measures to minimise the risk of noise & vibrations from emitted from Hazardous clinical transfer station and NappiCycle AHP waste treatment activities

- All machinery and plant has the potential to generate noise & vibration when operated. This should be minimised as far as reasonable practicable by ensuring that the equipment used has designed in acoustic insulation and anti-vibration systems.
- The manufacturers specified operating noise levels will be taken in to consideration when purchasing plant and equipment. This will allow additional mitigating control measures such as acoustic protection and personal protective equipment (e.g. ear defenders) to be incorporated into their use.
- All plant and equipment should be regularly inspected and maintained (oil & grease) to ensure all moving parts are appropriately lubricated thereby minimising metal on metal noise and vibration.
- For site pedestrian safety reasons mobile plant such as front end loaders and delivery vehicles operate with fitted reversing beepers and warning horns. To minimise noise levels these should be operated within and not exceeding specified safety guidance
- All processing plant and equipment is operated within an enclosed building
- Access doors to buildings shall remain closed during processing/transfer operations.
- A noise and vibration survey shall be undertaken to establish background noise levels and impact of normal operations
- Periodic environmental checks shall be undertaken around the site and documented (weekly environmental inspections)
- Incidence procedures are in place in order to act upon any nuisance, accidents, complaints or non-conformances (non-conformance /incident report)
- Appropriate personal protective equipment will be worn by persons operating in or around equipment that has the potential to generate noise and vibrations

7. RECORDS

All incidents raised must be recorded and reported to the Responsible Manager to enable the causes to be investigated and to undergo a root cause analysis. This should ensure the likelihood of a re-occurrence is minimised. Records shall be kept on an incident response form and kept on file.

Weekly Environmental Inspection will be carried out by the Responsible Manager, documented and filed. Issues raised may require remedial actions and these can be documented on this form. The form should be reviewed and countersigned by the TCM or Managing Directors when the issues have been actioned or resolved.