

FLY MANAGEMENT PLAN

HESPIN WOOD INTELLIGENT TRANSFER STATION

PURPOSE

To comply with general requirements under environmental law to use best practical means to minimise any nuisance impact of site activities.

RESPONSIBILITIES

- ✓ The Site Manager is responsible for ensuring that this fly management plan is carried out and that appropriate procedures and other controls are in place
- ✓ All site personnel are responsible for ensuring that they comply with procedures and/or other controls made under this fly management plan

COMPETENT ADVICE

The site shall retain suitable independent, competent advice sources as regards fly nuisance, monitoring of fly numbers and best practical means for controlling fly numbers. This suitable competent advice will be via the Agricultural Development and Advisory Service (ADAS) and its employed specialists.

This suitable competent advice source shall advise, from an independent stand-point, the site on the appropriateness and likely effectiveness of control measures including those factors as listed in the above permit variation.

As required, and at the site's cost, this suitable competent advice source shall feedback in synopsis form the results of any investigations and advice to relevant environmental regulators and, via the site liaison committee, local businesses.

CONTINUOUS IMPROVEMENT

The site shall compile and maintain a list (potential improvements programme) of improvements being considered and/or being progressed by site to enhance fly control. At the least this list/programme shall include potential improvements raised by:

- ✓ The suitable competent advice source employed by the site
- ✓ Relevant environmental regulators
- ✓ Site management, other site personnel or relevant Shanks employees

This list/programme will be reviewed at least four times a year by the Site Manager and the Environment Agency, and should it be required, the competent independent advisor. Comments on this list/programme and the list/improvement programme itself will be recorded by site and records of such comments kept for at least five years.

Where the suitable competent advice source advises that any suggested control in the list/programme may be effective and represents best practical means then site shall at least trial such controls, where it is free to do so within the site permit and other legal and regulatory constraints. Where any such trial is successful and the proposed control represents best practical means then site shall put such in place and review this management plan and any associated site procedures accordingly.

SCOPE AND CONTENT

This management plan includes aspects of improvement and control as listed above and below. However, it does not seek to replace detailed site procedures. To this end site shall produce procedure/s which enact this plan in detail. All relevant employees shall be inducted and instructed on the contents of such procedures to ensure that they understand their role in enacting this management plan.

In terms of controls this management plan outlines such in terms of:

- ✓ **Prevention** – physical and procedural control measures aimed at preventing flies breeding on site so seeking to reduce fly numbers at source
- ✓ **Control measures** – procedural and physical measures aimed at controlling fly numbers
- ✓ **Mitigation and containment** – physical and procedural measures aimed at reducing the escape of flies from buildings

CONTROL MEASURES

PREVENTION

Prevention measures shall be maintained:

Larvacide use: An appropriate larvacide, as recommended for use by the suitable competent advice source, shall be used in the main waste reception pits and shredded waste pit: Application of this larvacide to be bi-weekly between the months of April and October and recorded. Records of application shall be kept in site files and consist at a minimum of the type of larvacide used, how much was applied, where the larvacide was applied and date of application.

Appropriate housekeeping and cleaning regimes: Shall be in place to reduce the opportunity flies have to breed on site. These housekeeping and cleaning measures shall be enshrined in a detailed site procedure inducted to all relevant employees. Such procedure to include at least:

- ✓ Reception pits and shredder pits
- ✓ Primary shredder
- ✓ Control rooms and cranes
- ✓ Tipping apron
- ✓ Refinement section
- ✓ Courtyard area
- ✓ Housekeeping rules

The detail of such cleaning regimes will be included in the site procedure and cleaning shall be recorded on a check-sheet produced as a related document to the above procedure.

Waste spill at reception: In addition to the cleaning and housekeeping the tipping apron will be staffed full-time during peak periods by a machine operator who can respond quickly to pushing any over spilled waste into the pits and prevent damage to the doors caused by debris in the door runners.

Use of waste reception pits: Normally reception pits will be used in sequence. However, control room staff will monitor to ensure that waste vehicles are not directed to pits which are already full when there are empty or partially empty pits available. In these cases vehicles will be directed to the partially empty pit rather than the next sequence pit.

CONTROL

Control measures shall be maintained:

Pesticide use: Appropriate pesticides shall be used within the bio-drying halls, refinement section and other areas of site as advised by the suitable competent advice source. Such shall at least include:

- ✓ Use of spray pesticide between the months of April and October: Use to be to a maximum of three times a week to prevent resistance building-up in fly populations
- ✓ If a suitable licensed 'knock-down' board applied pesticide can be obtained use of such at intervals and of a type as recommended by the suitable competent advice source

Details of pesticide use, such as type of pesticide and frequency of application, shall be included in site procedures and all use of pesticide will be recorded. Records of application shall be kept in site files and consist at a minimum of the type of pesticide used, how much was applied, where the pesticide was applied and date of application.

Daily fly cover: Daily fly cover shall be applied in the bio-drying halls if required and details of such fly cover application shall be included in site procedures and recorded. This method is currently undergoing an assessment and if it is found not to be effective then the activity will be stopped and removed from the Fly Management Plan.

MITIGATION AND CONTAINMENT

Mitigation and containment shall be maintained:

Person access and similar doors: Shall be fitted with suitable door closers and will be kept shut at all times except when being used by a person to enter or leave a building, or shall be fitted with a suitable and effective fly screen.

Infrequently used doors and openings: Shall be sealed with suitable fly-proof materials and such will only be removed if actual access using such doors and openings is required. Infrequently used doors and openings will be re-sealed immediately following any use.

Reception bay doors: Reception bay doors shall be maintained to minimise the occurrence of failures and jams. Site procedures shall include instructions of the procedure to follow should a door jam or damage occur. Such procedures shall at the least include:

- ✓ Instruction to manually close any jammed or damaged doors as soon as practical
- ✓ Instruction to cover any damaged doors with suitable fly-proof netting or similar as a temporary measure until repair can be arranged
- ✓ Instruction that before any maintenance or repair work which requires a door to be open commences that a suitable fly-proof net or other screen is in place before the door is opened for works to commence
- ✓ Instruction that repair works on doors shall be given priority
- ✓ Instruction on defect reporting of any damaged or jammed doors

Refinement section doors: Refinement section doors shall be maintained to minimise the occurrence of failures and jams. Site procedures shall include instructions of the procedure to follow should a door jam or damage occur. Such procedures shall at the least include:

- ✓ Instruction to manually close any jammed or damaged doors as soon as practical
- ✓ Instruction to cover any damaged doors with suitable fly-proof netting or similar as a temporary measure until repair can be arranged
- ✓ Instruction that before any maintenance or repair work which requires a door to be open commences that a suitable fly-proof net or other screen is in place before the door is opened for works to commence
- ✓ Instruction that repair works on doors shall be given priority
- ✓ Instruction on defect reporting of any damaged or jammed doors

Water sprays: Water misting/spray systems fitted to reception door openings will be maintained in good working order and will be on whenever a door is opened for use.

Should a water spray be defective repair work shall be given priority and while the spray is defective, where practical, the bay in question shall be avoided as regards waste deliveries.

MONITORING

As recommended by the suitable competent advice source fly monitoring points shall be established around site. These should at the least be located:

- ✓ In the bio-drying halls
- ✓ In the refinement section
- ✓ Any other locations recommended by the suitable competent advice source

In addition, and with their consent as required, fly monitoring shall be maintained off site at suitable locations in nearby businesses as required.

Results from the above monitoring points shall be analysed by the suitable competent advice source on a weekly basis and the following details recorded:

- ✓ Fly numbers at each monitoring point
- ✓ Fly species recorded at each monitoring point

The suitable competent advice source will comment on the results of monitoring including on:

- ✓ Any apparent trends in fly numbers and species
- ✓ Any apparent links with activities on site where relevant
- ✓ Any apparent environmental conditions where relevant

Records of such monitoring shall:

- ✓ Be kept for at least five years
- ✓ Be given in synopsis at liaison committee meetings
- ✓ Used as an information input into the site potential improvements list/programme

COMPLAINTS REPORTING

All complaints relating to flies received by site shall be recorded in accordance with Shanks management standard SHE900STN.

LOCAL COMMUNICATIONS

A site liaison committee shall be established consisting of, as appropriate and at the request and co-operation of the below groups:

- ✓ Environmental regulators: The Environment Agency
- ✓ Suitable representation by individual local businesses in closest proximity to the site
- ✓ Site management
- ✓ Appropriate senior Shanks management or internal specialists

Liaison committee meetings shall be held as required at liaison committee request.

Any liaison committee member may request an extraordinary visit be held at their site as required and within a practical and appropriate time scale.

Liaison committee meeting agendas will at the least include:

- ✓ Review of the site potential improvement list/programme
- ✓ Suggestions for additions to the above list/programme
- ✓ Synopsis of recent fly monitoring results
- ✓ Review of any complaint trends or specific complaint events

REVIEW

This management plan, and its supporting site procedures, will be reviewed and, where required, revised on the basis of:

- ✓ Fly monitoring and complaint information
- ✓ Items from the site potential improvement list/programme which are to be enacted and used
- ✓ Any other relevant information sources

Superseded management plans shall be retained in site files for at least five years.

FLY NUISANCE - MANAGEMENT PLAN

Ref No. Issue 1

INDUCTION TABLE

- ✓ This table is deemed to be an official training record and must be kept indefinitely.
- ✓ Please ensure that all relevant employees are made aware of the contents of the document within 6 weeks from receipt and sign the table.

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