



Valencia's Management System (MS) consists of policies and procedures which inform the design, construction and management practices that Valencia employs to minimize the risk of pollution from permitted activities.

This MRF Pest Control Procedure forms one element of Valencia's Management system. The plan identified potential sources of pests and outlines measures by which potential pests will be controlled.

## 1. MRF operation potential Pests.

Waste acceptance procedures ensure that the waste, which is predominantly from commercial and industrial sources, is suitable for recycling or recovery. Wastes are substantially free of putrescible waste and waste is promptly processed, consequently the potential for the MRF activity itself to be a source of pests is limited.

Waste storage volumes and durations are defined in the site specific Fire Prevention Plan. Adherence to these requirements will also minimise the potential for pests.

## 2. Potential Sources of Pests

MRF activities are substantially free of putrescible waste and waste is promptly processed, consequently the potential for the MRF activity itself to be a source of pests is limited. Pest can originate from a variety of potential sources including: waste operations at the Valencia site; nearby water features; coastal environments; industrial or commercial units; railway lines and neighbouring areas of woodland or scrub.

Effective general management procedures are in place to ensure minimisation of dust, litter and consequently pests.

## 3. Pest control methods

The primary method of controls for keeping all forms of pests under control at the site are:

- Robust waste assessment, storage and handling procedures
- Adherence to the principles of first in first out process
- Good rotation of waste within the building
- Good housekeeping and inspection practices on site
- Use of approved pest control treatment and deterrent techniques (Eg. scaring, netting)
- Employing professional pest controllers

## 4. Working Areas Maintenance, including Plant & Equipment

1. All litter within picking cabins will be cleared at the end of each shift.
2. The floor in main building (including under conveyor belts) is inspected daily with any build-up of material being removed from that area.
3. the floor shall be inspected, any areas of ponding water/leachate will be identified and removed immediately. Valencia recognises that stagnant pools of water provide perfect breeding environment for flies, as such any known areas of ponding water will be inspected/cleaned at a frequency greater than daily. Depressions in the MRF building which may lead to ponding will be repaired.
4. The floor in the immediate vicinity of the reception area will be scraped clean on a daily basis with the loading shovel.
5. On every occasion that access to the rear push wall is obtained any waste built up on the plinth and against the external cladding will be cleared (as far as is practicable) of the waste that has accumulated in that area. This will aid in ensuring fly populations cannot become established in these areas.
6. Waste will be removed from machine bodies.



## 5. Active Pest Control

In the event that fly or rodent vermin are detected suitably trained individuals will be engaged to deliver effective treatment methods to remove the infestation. Active pest control measures may be used during specific periods where potential infestations are higher, for example during breeding season for scavenging birds, periods of hot weather for flies.

### **Fly Control:**

- Active treatment between April and October
- 2 visual assessments each day – rating High/Medium/Low
- A High rating means treatment within 24hrs
- A Medium rating puts it to the manager's discretion on when next to treat.
- A Low rating means continue with weekly treatment

### **Vermin (Rat) control:**

- Baiting and trapping to be completed at monthly intervals.

### **Bird Control:**

- Use of fire work style bangers to scare birds when on site.
- Use of mobile kites to mimic predators to scare birds.
- Use of predatory birds to keep nuisance birds off site.

## 6. Pest Contingency Action Plans

If pests are persistently present, the source will be further investigated as described below.

### **Fly Contingency Plan:**

- When the MRF is closed insecticide fogging bombing by a suitably trained person may be deployed.
- Pooled liquids to be removed and the area further treated to minimise larvae growth.
- Review of waste levels and any wastes that have been present for long periods removed.
- In the event that all the above steps fail to control fly populations at the site, Valencia will perform a deep clean to effectively eliminate the site as a source of flies.

### **Vermin Contingency Plan:**

- A specialist contractor will be engaged to assess and treat the site and surrounding areas for breeding grounds.
- Review of waste levels and any wastes that have been present for long periods removed. This step effectively reduces waste levels on site reducing potential food stocks for vermin.
- In addition night time may be used, in order to effectively reduce the vermin numbers on site.

### **Bird Contingency Plan:**

- Enhanced measures as described above during the breeding season
- Licensed contractor cull of birds.