

SAWTP ODOUR MANAGEMENT PLAN

1. Introduction

An odour is the organoleptic attribute perceptible by the olfactory organ on sniffing certain volatile substances. It is a property of odorous substances that make them perceptible to our sense of smell. The term odour refers to the stimuli from a chemical compound that is volatilised in air. Odour is our perception of that sensation and we interpret what the odour means. Odours may be perceived as pleasant or unpleasant. The main concern with odour is its ability to cause a response in individuals that is considered to be objectionable or offensive.

The magnitude of odour impact depends on a number of factors and the potential for complaints varies due to the subjective nature of odour perception.

2. Measures by Wasteserv to prevent or where not practical reduce odour

- a) Municipal waste (organic) shall be processed on the same day it is disposed of at the plant.
- b) Sheds and enclosures are equipped with fast acting doors.
- c) On a daily basis, fast acting doors are checked for functionality and integrity.
- d) Personnel access doors are kept shut.
- e) Apertures and/or cracks in shed walls are repaired.
- f) Waste stored outside is stored in enclosures and/or covered with impervious tarps.
- g) Waste of an odours nature in the quarantine area (if any) is stored contained areas for a period of not more than 24 hours.
- h) Wasteserv personnel ^[1] carries out routine odour monitoring in line with the Environmental Monitoring Programme.

3. Monitoring & Corrective Action

3.1 Routine Monitoring

Wasteserv personnel ^[1] carries out sniff testing and olfactometry testing in line with the Environmental Monitoring Programme. Test /reports are analysed and sources of odours are investigated and corrective action is taken.

3.2 In case of a complaints or report

In case of a complaint or report, Wasteserv personnel shall follow the below procedure:

Customer Care Personnel

- Take note of complaint details (including time, duration, location where odour was perceived and complainant details) and pass all information to facility personnel.

Scientist ^[2]

- Note time of complaint, wind direction and location where odour was perceived.
- Investigate complaint immediately to establish the source of odour.
- Share with Facility Manager / Plant Engineer all details pertaining to the occurrence.

Facility Manager / Plant Engineer

- Take corrective action to eliminate, minimise and/or limit odour as practically possible. As necessary, adjust and/or suspend process or activity.

Scientist

- Takes note of action taken and inform Customer Care Personnel accordingly.

Customer Care Personnel

- Record all details pertaining to complaint, including time, duration, location where odour was perceived and action taken.

4. Notes

[1] – Sniff test is to be carried out by personnel which is / are not directly involved in operational area.

[2] – Investigation is to be carried out by Scientist which is not directly exposed to operational area.