

Sniff Testing Procedure and Recording for Waste4Generation Corby

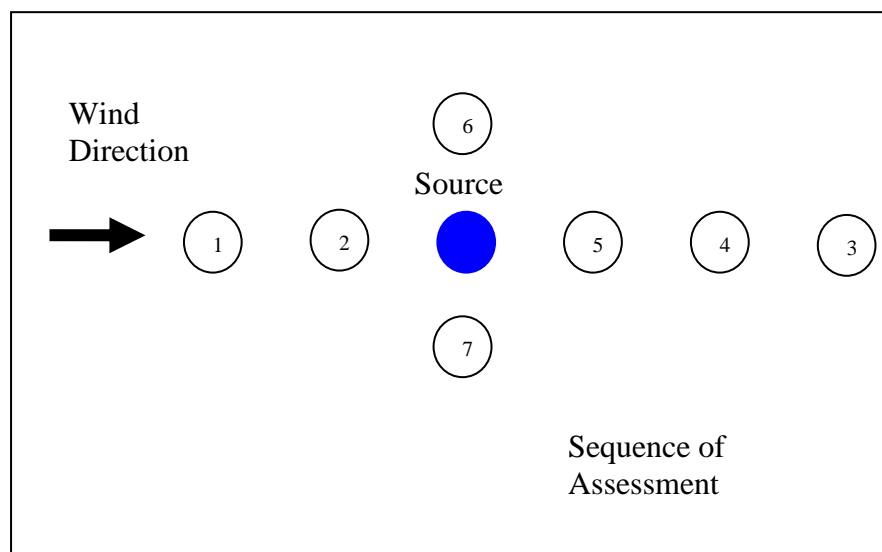
A subjective sniff testing exercise will be conducted on a weekly basis. The exercise utilises human assessors (site personnel) who use their sense of smell to “sniff” odours detectable in the vicinity of the site and identify their sources.

The person(s) undertaking the assessment will be trained in this procedure and a record of this training kept in the site office. The understanding and competence of the assessor will be reviewed prior to the testing being carried out. The assessor will be a non-smoker, avoid food or drinks (except water) for at least half an hour before undertaking the assessment. Strongly scented toiletries should be avoided by the assessor. As colds, sinusitis or sore throat can affect the sense of smell, planned assessments should be re-scheduled if possible or undertaken by someone else.

To ensure that assessors are not suffering from odour fatigue and will be sensitive to anaerobic digestion & waste odours, on the day of the assessment they will not be subject to anaerobic digestion & waste odours prior to conducting the assessment.

A record is made of the meteorological conditions prevalent during the assessment, and any relevant installation-specific information is recorded (such as activities being undertaken, deliveries made, process operating parameters, any departures from “normal” operating conditions or activities). A note is also made of any activities conducted at, or odours noted from, any agricultural or industrial sources in the area in which the observations are being made.

The exact locations for monitoring will be dependent on the meteorological conditions in the day, but in general terms the following sequence of assessment is followed, with areas of weaker strength inspected prior to stronger.





Observations are made over a standard time of 5 minutes per location. During this time the nature of any odours detectable (in terms of detectability/intensity, extent/persistence and sensitivity of location – see below) are noted and recorded.

Data collection and recording

At each location scores are allocated against the following parameters:

INTENSITY

0. No odour
1. Very faint odour
2. Faint odour
3. Distinct Odour
4. Strong Odour
5. Very strong odour
6. Extremely strong odour

SENSITIVITY OF RECEPTOR WHERE ODOUR DETECTED (assuming detectable, if not then 0)

Low (eg footpath, road)

Medium (e.g. industrial or commercial workplaces)

High (e.g. housing, pub/hotel etc)

Results are recorded on the Sniff Testing Report form (below).

Weekly Odour Sniff Testing Report Form					
Assessor details			Meteorological details		
Name			Wind speed		
Date			Wind direction		
Start/finish time			Temperature (°C)		
Signature			Cloud cover (%)		
			Pressure (Pa)		
Site activities ongoing at time of assessment			Precipitation		
Sketch a plan showing where the tests were taken, and potential odour source(s)					
Sniff test observations					
Location (map reference point)	Intensity (0-6)	Constant or intermittent, persistent?	Receptor sensitivity (High, medium, low)	What does it smell like?	Is source evident? / Other comments