

# Noise Management Plan (NMP)

## Longdown Vineyard

### 1. Purpose & Scope

The purpose of this NMP is to proactively identify potential noise sources at **Longdown Vineyard Twyford** and implement Best Available Techniques (BAT) to minimise off-site acoustic impact, and outline clear protocols for handling community feedback. This plan covers all estate vineyards, the winemaking production facility (winery), the visitor cellar door, and any seasonal events.

### 2. Site & Sensitive Receptor Mapping

**Site Location:** Longdown Vineyard, Longdown House, Watley Lane. SO21 1QX

- **Surrounding Land Use:** Predominantly agricultural, bounded by woodland and open fields with a rural Lane for access.
- **Noise Sensitive Receptors (NSRs):**
  - **NSR 1:** Whistlers on Love Lane located
  - **NSR 2:** Highcroft on Love Lane
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### 3. Noise Source Inventory & Control Measures

Potential noise hazards are split into two categories: **Agricultural/Production Operations** and **Commercial/Hospitality Operations**.

#### Category A: Agricultural & Winery Production

- **Tractors & Harvesters:**
  - All machinery will be regularly serviced according to manufacturer specs to prevent exhaust or engine rattle.
  - Standard operational hours are restricted to **07:00 to 19:00**, except during peak harvest windows.
  - Night harvesting if necessary will utilise modern, muffled equipment, keeping revs low near boundary edges.
- **Frost Fans:**
  - Fans are critical for crop protection but will only trigger automatically when temperatures drop below **1°C**
  - Not currently planned to be used .
  - Equipment must be fitted with low-noise aerodynamic blades.
  - Advance notification will be given to neighbours at the start of the frost season.
- **Winery Plant (Pumps, Chillers, Pressing Equipment):**
  - Fixed refrigeration units and air chillers will be housed within acoustic enclosures or located on the far side of winery buildings away from NSRs.
  - A **10 mph (16 km/h) speed limit** is enforced for all site deliveries and fork-truck movements.
  - Engines must be switched off immediately during loading; zero idling is permitted.

## Category B: Commercial Hospitality & Events

- **Amplified Music & Entertainment:**
  - All live bands, DJs, and amplified outdoor entertainment must cease strictly at **21:00** in temporary outdoor structures/marquees.
- **Patron Dispersion & Vehicles:**
  - Clear signage will be positioned at all site exit and car park requesting that guests leave quietly.
  - Staff will actively manage taxi pickups and clear crowds calmly within 20 minutes of closing.
- **Waste Management:**
  - Emptying glass bottles into outdoor commercial recycling skips is strictly banned between **20:00 and 08:00**

## 4. Monitoring & Self-Assessment

- **Routine Audits:** The Site Supervisor will conduct a weekly subjective walk-boundary check during operating hours to verify asset audibility.
- **Event Monitoring:** A decibel monitor app will be available to the Site Supervisor to allow checking during an event to ensure that the no nuisance is caused and logged.

## 5. Complaints and Community Liaison Procedure

Should a noise complaint be raised by a member of the public or local authorities, Longdown Vineyard Twyford will execute the following multi-step protocol immediately:

	Action Item	Responsibility	Timeline
1	<b>Log Complaint:</b> Record the complainant's details, exact time, description of the noise, and current site operations.	Duty Manager	Immediate
2	<b>Investigate:</b> Check active machinery, event sound levels, or staff behaviour against NMP parameters.	Site Supervisor	Within 1 hour
3	<b>Mitigate:</b> Adjust volume, power down offending plant machinery, or reposition agricultural tasks to resolve the issue.	Site Supervisor	Immediate upon discovery
4	<b>Respond:</b> Contact the neighbour to explain the root cause and outline the corrective action taken.	General Manager	Within 24 hours
5	<b>Review:</b> Document the incident in the annual NMP log to assess if permanent physical barriers are needed.	Estate Owner	Next monthly review

## 6. Training and Plan Review

- **Staff Training:** All seasonal harvesters, tractor operators, winery staff, and event personnel will receive a basic noise awareness induction briefing regarding boundary restrictions and "quiet-working" procedures.
- **Annual Review:** This document is a live protocol. It will be systematically re-evaluated every 12 months, or immediately following any substantiated noise complaints or major equipment changes.