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# Method Statement

## Environmental Noise Survey

Project: Wenvoe

Client: Redrow Homes (South Wales) Ltd

## 1.0 Introduction

Hunter Acoustics have been commissioned by Redrow Homes to carry out an environmental noise survey at the proposed residential development site at Wenove to assess the existing noise climate across the site.

The local authority has included the following draft condition:

*Prior to the commencement of development a noise assessment, relating to the road noise from the A4050 adjacent to the site and how this noise might be mitigated from affecting future residents of the development hereby approved, shall be submitted to and agreed in writing by the Local Planning Authority. The development shall be implemented in accordance with the agreed noise assessments recommendations.*

In order satisfy the condition a full site noise survey is required to be undertaken.

The following gives a brief overview of the survey procedure.

## 2.0 Personnel & Safety Training

Members of staff that would be involved on this project;

<i>Name</i>	<i>Position</i>
Paul McGrath	Senior Acoustic Consultant
Gavin Wong	Trainee Acoustic Consultant

All Hunter Acoustics staff are trained in site safety, including site risk assessment (see Section 5).

## 3.0 Equipment & Calibration

The following equipment is used during the survey;

- Type 1 Sound Level Meters
- Acoustic Calibrators
- Windshields
- Weatherproof Cases, Padlocks & Chains
- Tripod stands

Measurement systems are calibrated before and after the survey.

All instrumentation undergoes a thorough calibration process (calibrators every year and sound level meters every two years) which can be traced back to national reference standards. A copy of all calibration documentation is available on request.

## 4.0 Method Brief / Survey Procedure

It is proposed to undertake the following works on site:

- Attend site and locate pre-selected monitoring positions.
- Set up sound level meters and secure in weatherproof cases using chains and padlocks. In order to minimise the risk of vandalism/theft equipment is located discreetly (within woods/undergrowth).
- Leave sound level meters to run for the required period.
- Return to site to retrieve sound level meters.

Additional sample measurements using sound level meters mounted on tripods would be taken at various positions across the site (daytime).

## 5.0 Risk Assessment

When carrying out site visits, engineers shall observe the following:

1. Whenever possible, engineers must make their presence known to the person in charge.
2. As considered necessary hard hats, safety footwear and high visibility vests or jackets must be worn and always where vehicles or plant are in use or construction and demolition is being undertaken. Engineers must always check on any site specific risks and PPE requirements.
3. If security dogs are present, the owner should restrain them. If an engineer is bitten or attacked by any animal, medical advice must be sought.
4. If an engineer is cut or injured while at work, medical advice shall be sought, and the incident logged in the office accident book.
5. Observe and comply with all danger and warning signs displayed on the site or premises.
6. Never handle electrical apparatus or exposed wiring. Only competent persons should inspect electrical installations.
7. Care should be taken when walking through overgrown areas. There may be hidden obstructions, broken glass, holes etc. Care must also be exercised when walking across landfill sites and other made ground where trip hazards, loose masonry and areas of soft ground may be encountered.

8. When entering onto or into sites/buildings for inspection or any other purpose, the engineer must satisfy him/herself that conditions are safe and that he/she is complying with health and safety requirements and regulations specifically relating to the place he/she is entering. Check with the client/operator whether any specific Health and Safety procedures are in place, and whether any mandatory site induction courses apply.
9. In any building or on any land there may be dust or chemicals which may constitute a health or safety hazard. Avoid disturbance of dust and do not touch materials.

## 7.0 Conclusion

All work will be undertaken by qualified competent persons with experience of the type of work described above, and in all cases in full accordance with safety procedures specified in the companies' health and safety policy.

**Prepared by:**



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