

jb architects

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Noise Assessment

Unit 7, Langstone Technology Park, Langstone Road, Havant, PO9 1SA

1.0 Introduction

1.1 This Noise Impact Assessment accompanies the submission of a planning application for permission for external alterations at Unit 7, Langstone Technology Park, Langstone Road, Havant, PO9 1SA

1.2 This document will consider the potential noise impact from the amendments to the existing unit and show how it would be sensitive to the prevailing acoustic environment. It will demonstrate that the proposals have been designed in accordance with paragraph 123:

“Planning policies and decisions should aim to:

- Avoid noise giving rise to significant adverse impact on health and quality of life as a result of new development;*
- Mitigate and reduce to a minimum other adverse impacts on health and quality of life arising from noise from new development, including through the use of conditions;*
- Recognise that development will often create some noise and existing businesses wanting to develop in continuance of their business should not have unreasonable restrictions put on them because of charges in nearby land use since they established; and*
- Identify and protect areas of tranquillity which have remained relatively undisturbed by noise and are prized for their recreational and amenity value for this reason”*

2.0 Discussion

2.1 The proposed development is within an industrial area of Havant with both pre 1980s and newly constructed industrial units.

2.2 In order to accommodate Fugro’s specific operator requirements, 3No. exhaust vents on the south elevation. The extraction system outlets installed along the south elevation will typically be activated only during office hours, when people are working in these rooms. They are designed to prevent the accumulation of fumes from preservatives used during sample collection as the sample material is extracted.

2.3 Externally, the extraction system should have no detectable output of smell or smoke, and any fumes will be diluted to an extent that they pose no harm to human health, with flow rates between 4000 and 6000 m³/h.

2.4 The planned extraction systems have a dB level of <80dB.

2.5 The unit will be operated during normal working hours (Monday to Friday) with no working through the night or 24-hour operation. This allows the existing external lighting to remain in place, with no light pollution during evening and early-morning hours outside operational hours.

3.0 Conclusion

3.1 The sole use of the unit will remain as existing and is within the industrial zone of Havant.

3.2 The unit will be operated during normal working hours (Monday to Friday) with no working through the night or 24-hour operation.

3.3 There will be no adverse effects on the local community when considering the industrial units' operational use.