

YACHTHAVEN, HAYLING ISLAND

ENVIRONMENTAL STATEMENT

DECEMBER 2011

APPENDIX 7.1

NOISE ASSESSMENT METHODOLOGY.

Baseline.

Carry out continuous 24 hour weekday monitoring at one location on the site. This will require a secure location where the monitor can be installed.

Carry out short period (15 min) daytime measurements at four locations around the site to establish any noise variations around the site and relate to the 24 hour monitoring.

Noise Impact.

There no significant (non-natural) sources of noise on the site at present so the baseline survey will establish the background. This will also be taken as the background at the nearby receptors (principally Yacht Haven to the east and the caravan park to the north).

Noise impacts to be assessed are:

- Noise arising from construction. This will be assessed by calculation at the nearest receptors from noise sources typical to the construction methods likely to be used.
- Noise arising from the new dwellings. Again, this will be assessed by calculation and will include the additional traffic generated.
- Noise arising from marina operations. Whilst more remote from the receptors, this may be significant since some noise will be generated throughout the night in windy conditions. This noise source will be assessed by taking day and night measurements at a similar small marina operation in suitable weather conditions and the impact at the receptors calculated from this data.

Mitigation

The predicted noise impact will be compared with Havant's requirements and the need for mitigation assessed. Proposals will be made to reduce noise where appropriate.

James Mumford

From: "Laurent Lemagnen" <Laurent.Lemagnen@havant.gov.uk>
To: "James Mumford" <james@easltd.co.uk>
Sent: 26 September 2011 10:13
Subject: RE: Yachthaven, Hayling Island - Scoping Opinion, Noise

Dear Mr Mumford,

I have read the attached documents and have no comments to make of its content, which appears to be satisfactory.

I hope this helps

Regards
laurent

Mr. L. Lemagnen
Senior Environmental Health Officer
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From: James Mumford [mailto:james@easltd.co.uk]
Sent: 26 September 2011 11:07
To: Laurent Lemagnen
Subject: Fw: Yachthaven, Hayling Island - Scoping Opinion, Noise

----- Original Message -----

From: [James Mumford](#)
To: laurent.lemagnen@havant.gov.uk
Sent: Wednesday, August 17, 2011 11:08 AM
Subject: Yachthaven, Hayling Island - Scoping Opinion, Noise

As discussed on the telephone today, I attach copies of the relevant page of the Scoping Opinion relating to the above development together with our proposed methodology for the addressing the noise issues set out in Section 10.

I would be grateful for your opinion on whether this methodology is likely to satisfy the requirements set out in the Opinion.

Please contact me if you require any further information concerning this matter.

Regards
James Mumford
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