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**By email**

Date: 21st May 2013  
Reference: R1401-561 Rev 0

Dear Adam

**RE: Proposed Pumping Station at Manor Farm, Denvilles- Noise and Vibration Impact**

Further to our recent correspondence I am pleased to provide our considerations relating the potential noise and vibration impact from the proposed pumping station at your site at Manor Farm, Denvilles.

The pumping station will comprise a wet well containing two 2kW electric pumps and associated pipework. The system will be designed to provide foul drainage for the 191 new dwellings proposed within the site.

The system is to be designed and installed/ commissioned by PIMS Pumps Ltd who have installed a number of similar systems on Barratt David Wilson sites in recent years.

The systems operate on an 'on demand basis' with the pumps typically running for a few minutes every few hours.

The vibration emission from these systems (assuming faultless operation) is negligible. Noise emission from the units is very low and in most environments is not measurable. They are usually audible but of very low noise level in operation at the boundary of the pumping station compound. At Manor Farm the nearest residential property to the pumping station will be Plot 91 within the Manor Farm site, at a distance of approximately 15 m. It is anticipated that the noise from the pumping station at this location will be close to inaudible for the majority of the time and should not cause any disturbance to the occupants of this or any other property.

I trust you will find the above satisfactory. Should you have any queries please do not hesitate to contact me.

Yours sincerely,  
**For 24 Acoustics Ltd**

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