

Planning Application reference: APP/24/01022

Description: New water booster station and associated works.

Location: Land adjacent 1 Brookfield Close, Havant, PO9 3BB

The following comments relate to considerations for potential impacts to residential amenity.

Environmental Health (pollution) has no objection in principle, providing suitable conditions are implemented to require appropriate management of construction activities and to ensure that the proposals do not result in adverse noise impacts to residents.

The document entitled 'Racton Booster Station | Planning, Design and Access Statement | Document Reference: 2.0' (dated May 2026) has been reviewed.

It is noted that pre-application advice regarding noise included that noise from the proposed booster station should not exceed a level of 5dB below background.

The appended baseline noise survey prepared by AtkinsRéalis UK Limited has determined the typical representative daytime background noise level to be 53dB LA90 and the night-time to be 34dB LA90. These values have been determined by using the modal average LA90 value measured during those periods.

However, it is noted that background levels drop off significantly after 8pm to below 50dB. There are therefore concerns that a daytime rating level limit of 53dB -5dB (48dB) introduces risk of potential adverse noise impact to residents as background levels may be lower in the evening. Noise from the pump and associated plant may include low frequency elements.

Given the above, any future noise impact assessment must demonstrate that the noise rating level from plant shall not exceed a level of 5dB below the background level between 07:00 - 19:00, 19:00 - 23:00 and 23:00 - 07:00.

The following conditions are recommended, should permission be granted.

Construction Management Plan

Prior to the commencement of any works, a Construction Management Plan shall be submitted in writing to, and approved by, the Local Planning Authority. This shall include details relating to:

- the control of noise and vibration emissions from construction activities including groundworks and the formation of infrastructure at the development site during the construction phase,
- the control of dust emissions from the development site during the construction phase,
- measures to reduce mud deposition offsite from vehicles leaving the site.

Construction works shall proceed in accordance with the approved Construction Management Plan.

Reason: to protect the amenities of nearby occupiers from noise, vibration, dust and mud arising from construction activities.

Construction Hours

Construction of the development including site traffic and deliveries shall only be carried out between 8:00 am and 6:00 pm Mondays to Fridays and 8:00 am and 1:00 pm on Saturdays and at no time on Sundays and Public Holidays.

Reason: to ensure that the amenities of the area are not detrimentally affected by the construction of the site outside reasonable working times

Noise

Prior to commencement of the development, a noise impact assessment report shall be submitted for approval to the Local Planning Authority. The assessment shall be undertaken by a suitably qualified acoustic consultant and shall have due consideration to relevant guidance including, but not limited to, BS4142:2014+A1:2019, BS8233:2014, and WHO guidelines for community noise.

The assessment shall demonstrate that the cumulative rating level of noise from plant at the approved development site shall be at least 5dB below the representative background sound level between the hours of 07:00 - 19:00, 19:00 - 23:00, and 23:00 - 07:00 when measured or calculated in accordance with BS4142:2014+A1:2019 at the

nearest noise sensitive receptor. The assessment shall also consider potential internal noise impact to dwellings.

The report shall include recommendations of appropriate noise mitigation measures where necessary to achieve the aforementioned noise criteria. The approved mitigation measures shall be implemented prior to first operation and shall be maintained and retained thereafter.

Reason: to protect residential amenity

Kind regards,

Craig Milligan

Environmental Health Officer

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