

24019-L03-SW

Steve Day

C Project

44 Fox Dene

Godalming

Surrey GU7 1YQ

27/10/2025

Dear Steve,

PARK LANE SERVICE STATION, HAVANT

Further to our recent conversations, I am writing to provide additional commentary relating to the recent jet wash installation at Park Lane Service Station to support your ongoing discussions with Havant Borough Council.

Current Noise Levels

Correspondence from the Local Authority indicates that based on their measurements, the current installation exceeds the permitted noise limits. We have contacted Havant Borough Council (HBC) to request a copy of the measurement data and details of the measurement location and duration, but as yet have received no response.

If this is received, the noise model can be updated with the screens as currently installed to provide further verification of the model accuracy.

Updated Noise Impact Assessment

The screen height used in the original acoustic model was 2.4m tall (see report reference 24019-R01D-SW dated 20th August 2024 for details). The model has been updated to increase the screen height to 3m as now proposed.

The model has also been updated based on measurements made of the installed Adriatech One Wash unit based on verification measurements made at the All Saints service station, indicating a sound power level of 90dB_{LWA} compared to the 80dB_{LWA} used in the original noise model.

The permitted operating hours of the jet wash units are understood to be 08:00h-22:00h.

On the basis of all of the above, the noise impact assessment has been updated, and is enclosed as report reference 24019-R01-E. No adverse noise impact is indicated.

Screen Materials

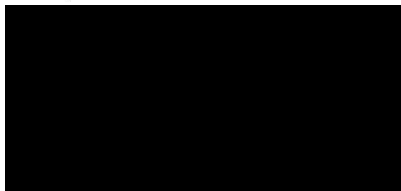
Ironmoor Ltd would prefer that the screening is constructed using a profiled steel sheet. HBC have raised concerns that this would lead to additional noise issues vs the use of glazed/polycarbonate screens as originally proposed.

dBx Acoustics has undertaken verification noise measurements at both Green Road and All Saints service stations, where a profiled steel sheet has been used. In both cases the measurement results were consistent with the noise model.

Our observation is that under typical operation, there is no significant water impact on the screens and this is not a contributory noise source. A comparison of measured data at sites with metal vs glazed or polycarbonate screens indicates no difference in the measured noise level.

We would therefore consider that the use of a metal cladding panel with a minimum mass of 10kg/m^2 would be acoustically appropriate.

Yours Sincerely,



Susan Witterick

Director, dBx Acoustics Ltd