

PROPOSED NOISE MITIGATION PLAN

For: Proposed New Bus Depot

At: Dawley Road, Hayes

For: Abellio London

Planning application reference - 3886/APP/2020/3751

This document was prepared by Janus Architecture.

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Revision:

Revision	Detail	Date

1.1 Site Noise Mitigation Measures

- 1.1.1 Introduction of a 3.0m high close-boarded proprietary acoustic barrier fence to achieve 10dB screening attenuation to the full length of the northern site boundary (boundary closest to distant residential dwellings) to mitigate transfer of noise from bus washing activity and general site generated noise related to vehicle movement and parking.
- 1.1.2 The bus wash is screened on both sides, full length, to mitigate noise and overspray when in use.
- 1.1.3 The total rebuilding of the mass brickwork boundary wall to the eastern (road facing) boundary where vehicles (buses and staff cars/deliveries) will access and egress the site. Wall height to be 2.4m Minimum.
- 1.1.4 See below site plan highlighting the mitigation measures noted above.



1.2 Instructions for Duty Management

- 1.2.1 Deliveries will generally be restricted and where possible limited to be between the hours of 07:30 and 17:00 and usually Monday to Friday.
- 1.2.2 The majority (60%) of the existing fleet is fitted with “white noise” reversing alarms so as to minimise any noise impact. All new vehicles are specified with the white noise reversing alarms fitted as standard. Vehicles that park in reverse will, predominantly be in place by 23.00hrs. All buses leaving the site will do so by driving forward.
- 1.2.3 Delivery doors, gates and shutters are to be well maintained to minimise noise when opening /closing.
- 1.2.4 No external PA system is to be installed on this site.
- 1.2.5 Erection of signs in external areas notifying staff and visitors to keep noise to a minimum.
- 1.2.6 Padlock chains for service yard gates are covered in plastic to reduce clanking noise.
- 1.2.7 Vehicle speed on site is restricted to 5MPH, in common with other bus depots, as required by the Operational Risk Assessment.
- 1.2.8 Use of radios not permitted on site in external areas.
- 1.2.9 In the event any complaints arise, Abellio London have a process to follow under their ISO 14001 Accreditation. The Business is regularly audited in respect of Environmental compliance and all such complaints have to be recorded and reported to the Auditor so that actions taken and mitigations are recorded along with evidence of effectiveness ensuring any and all such complaints are closed down.
- 1.2.10 No heavy maintenance activities are to take place on this site, only light maintenance/running repairs e.g., replacement of light bulbs, wiper blades etc.
- 1.2.11 Bus wash plant to be regularly maintained to ensure smooth operation and to minimise noise.

1.3 Instructions for Drivers

- 1.3.1 Main access gates are to be left open during vehicle run in and run out periods such that buses do not idle at the gates on arrival or departure. Note: Gates are always open except when site needs to be in lockdown.
- 1.3.2 Vehicles are to be driven around the site in a considerate manner, e.g., speeds kept to a practical minimum and not to exceed the permitted limit of 5 mph.
- 1.3.3 Drivers are to be made aware of the effect of noise upon local residents. – This is a 'business as usual' standard for Abellio operations i.e., to be a considerate neighbour and apply the ISO 14001 Aspects and Impacts. The site will keep a 'register of such alongside any mitigation measures taken.
- 1.3.4 Drivers are to adhere to the site speed limit at all times.
- 1.3.5 Horns are not to be sounded on, or in the vicinity, of the site, unless in an emergency.
- 1.3.6 Engines are to be turned off as soon as practicable and not left running/idling. The company operates a non-idling policy. Many of the vehicles are already fitted with auto vehicle shut down devices.
- 1.3.7 Drivers are not to engage in shouting, whistling or loud conversation in the service yard.
- 1.3.8 Upon completion of fuelling, washing and parking, vehicles are to be closed up quietly and with due regard to the avoidance of loud, impulsive noise that could disturb neighbouring residents.
- 1.3.9 Drivers should avoid over revving and seek to accelerate gently until the vehicle is a reasonable distance from the unit and residential properties.

1.4 Instructions for general staff

- 1.4.1 Ensure service yard and fuel/wash run in zones are kept clear of obstructions to enable buses to manoeuvre easily and freely.
- 1.4.2 All employees are to be made aware of the importance of preserving good relations with surrounding neighbours, particularly residential neighbours. All staff therefore will understand and appreciate that noise such as shouting/whistling/loud conversation, or the unnecessary movement or revving of vehicles within the service yard, can adversely impact upon the amenity of neighbouring residents and therefore understand why such actions are not permitted.