From: planning@adur-worthing.gov.uk <planning@adur-worthing.gov.uk>
Sent: 15 November 2024 16:32:17 UTC+00:00
To: "planning@adur-worthing.gov.uk" <planning@adur-worthing.gov.uk>
Subject: Consultee Comments for Planning Application AWDM/1412/24

Consultee comments

Dear Sir/Madam,

A consultee has commented on a Planning Application. A summary of the comments is provided below.

Comments were submitted at 15/11/2024 4:32 PM from Mr Nadeem Shad (nadeem.shad@adur-worthing.gov.uk) on behalf of Environmental Health Public Health.

Application Summary

Reference:	AWDM/1412/24
Address:	Merriman Grange 102 Warren Road Worthing West Sussex BN14 9QX
Proposal:	Approval of Details Reserved by Condition 23 (Air Quality) of application AWDM/1157/21
Case Officer:	Louise Prew

Click for further information

Comments Details

Comments:	The evidence for the effectiveness of vegetation in changing dispersion and deposition processes is mixed. For dispersion, locally (tens to hundreds of square metres) the planting of trees may redistribute pollution, but does not remove it. Where vegetation acts as a barrier close to a source, concentrations immediately behind the barrier owing to that source are reduced. In terms of vegetation removing particulates from air by deposition, and thereby reducing concentrations and population exposure, the magnitude of the reduction is small and the scale of reductions is expected to be no more than a few percent. For NO2 vegetation is not a very efficient sink, and as the deposition occurs in daytime, and primarily in the warmer months, there is little benefit for air quality for most of the time that NO2 is a problem. Notwithstanding this, there are co benefits in terms of sustainability,

screening development and providing a more pleasant landscape. Other effective air quality measures are also proposed, so I make no objections to this application.

Kind regards