

Audit Summary Report

									IN PHASE 3	
PCM Link	28018	Road/Location					M27 Southampton		Area	3
PCM predictions of NO₂ concentrations (µg/m³)										
Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	
PCM Modelled NO ₂ Concentration (µg/m ³)	51	49	46	43	41	39	37	35	33	
HE Verified Modelled NO ₂ Concentration (µg/m ³)	28	27	26	24	23	22	21	20	19	
Qualifying Feature										
Satellite imagery indicates Sensitive Receptors (Residential Gardens) within 15m of the PCM link.										
Air Quality Monitoring?										
Yes										
Is the Air Quality Monitoring within 10m, to support Phase 3 decision?										
No										
<p>Air quality monitoring has been undertaken at a number of locations representative of relevant receptors. NO₂ concentrations were monitored below the annual mean NO₂ concentration of 40µg/m³ at all locations.</p> <p>Although the indicative modelling completed at Phase 2 identified there were likely no exceedances of the limit values along this PCM link, it was recommended that further work be carried out in Phase 3 to confirm this and, consequently mitigation measures were developed.</p> <p>The more recent verified air quality modelling completed for the Phase 3 assessment has confirmed that there are no exceedances of the limit values. Therefore, this PCM Link does not require any further consideration, and is recommended to stop at the end of Phase 3.</p>										
Mitigation required?										
No - The verified air quality modelling, which was updated for the Phase 3 assessment, concluded that there are no exceedances of the limit values.										
Summary										
This audit report has identified:										

- No exceedance of the annual NO₂ limit value along this PCM link.

Recommendation

It is recommended that PCM link 28018 does not require further consideration, and stops at the end of Phase 3.

Supporting Activities

Additional air quality monitoring to be commissioned to measure NO₂ concentrations alongside the PCM link.

JAQU Comments