

Martin,

The particulate matter pollutant concentrations for PM₁₀ and PM_{2.5} are referenced in our report (A3353/AQ/001 , dated 14.06.2018) which I assume that the Committee previously had access to and I believe those predicted levels have been referenced in the Case Officers Updated Report for the next Committee sitting. The worst case concentrations are identified below:

PM₁₀ – 15.9µg/m

PM_{2.5} – 10.0µg/m

The Air Quality Objective levels are **40µg/m** for PM₁₀ and **25µg/m** for PM_{2.5}.

The predicted particulate matter concentrations for all considered development receptors are identified in the Table below.

Receptor	Floor	PM ₁₀	PM _{2.5}
		2020 PM ₁₀ Concentration (µg/m ³) (Days >50µg/m ³)	2020 PM _{2.5} Concentration (µg/m ³)
DR1	Ground	15.9 (0)	10.0
DR2		15.9 (0)	10.0
DR3		15.6 (0)	9.8
DR4	First	15.7 (0)	9.9
DR5		15.7 (0)	9.9
DR6		15.6 (0)	9.8
DR7	Second	15.5 (0)	9.7
DR8		15.5 (0)	9.8
DR9		15.5 (0)	9.7
DR10	Third	15.3 (0)	9.7
DR11		15.4 (0)	9.7
DR12		15.4 (0)	9.7
Annual Mean Objective (µg/m ³)		40	25

It can therefore be identified that the predicted pollutant concentrations are significantly below the Air Quality Objectives and therefore health impacts would not be expected.

Should you require any further information then please do not hesitate to contact me.

Best regards,

Graham

Graham A Parry
Managing Director



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