



NO ₂ Concentrations (µg/m ³)									
Year	2018	2019	2020	2021	2022	2023	2024	2025	2026
PCM model	47	44	42	39	37	35	33	32	30
NH modelling	45	43	41	38	36	34	32	30	29

Diffusion Tube Monitoring Data			
Location	NO ₂ Concentration* (µg/m ³)		
	2017	2018	2019
A500_Stoke_3	-	28	24
A500_Stoke_4	-	33	25
DT104	42	42	-

AQMA			
Map ID	Local Authority	Description	Pollutant
AQMA A	Stoke on Trent City Council	Local Authority Wide AQMA	Annual and hourly NO ₂

Regional Transport Model Traffic Data for 2017			
Road	RTM ID	AADT	%HDV
A500 northbound	MD_59021_59023	30,540	10
A500 southbound	MD_59078_51032	33,689	11

Typical Traffic		Fast	Medium	Slow
AM (07:00 – 10:00)	IP (10:00 – 16:00)	PM (16:00 – 19:00)	OP (19:00 – 07:00)	
NB	SB	NB	SB	NB

Major Project Scheme in vicinity?
- A500 widening
- M6 Junctions 16 – 19 Smart Motorway Scheme

Key			
PCM Link		Sensitive Receptor/s within 15m of PCM Link	
NO ₂ monitoring		Footpath/s within 15m of PCM Link	
AQMA		RTM ID	
Bus Stop		Section of PCM link within 25m of junction	

Commentary
- The A50 and A500 link the M6 and M1.
- Public access present within 15m of the PCM link carriageway