

Кеу						
PCM Link		Sensitive Receptor/s within 50m of PCM Link				
NO ₂ monitoring	11	Footpath/s within 50m of PCM Link				
AQMA	AQMA A	WebTRISID	7544/1			
Bus Stop		Section of PCM link within 25m of junction				

Major Project Scheme in vicinity?

- M1 junctions 32 to 35A

Commentary

- The M1 connects London to Leeds. The A631 and A6109 connects this link to Sheffield.
- No qualifying features within 15m, therefore PCM link compliant.

PCM predictions of NO ₂ concentrations (μg/m³)								
Year	2018	2019	2020	2021	2022	2023		
NO ₂ concentration (μg/m³)	41	39	37	35	33	31		

Existing Monitoring Data							
National Highways Monitoring*		Local Authority Monitoring					
ID	2016 NO ₂	ID	2019 NO ₂ Concentrations				
	Concentrations (µg/m³)	ט	(μg/m³)				
TIN_030_1215	35	149	54				
TIN_031_1215	31	179	50				
TIN_025_1215	34	115	31				
TIN_033_1215	31	256	40				
TIN_041_1215	35	257	44				
TIN_016_1215	38	1	39				
TIN_049_1215	42	187	37				
TIN_051A	48						
TIN_051B	46						
TIN_051C	48						
TIN_052_1215	50						
TIN_085_1215	32						
TIN_027_1215	51						

*Due to the number of diffusion tubes located in this area, only those closest to the PCM link have been included on this map for ease of reference

AQMA			
Map ID	Local Authority	Description	Pollutant
AQMA A	Sheffield City Council	Sheffield Citywide AQMA	Annual NO ₂
AQMA B	Rotherham Metropolitan Borough Council	Rotherham AQMA 1 – Part 2 (NO_2)	Annual NO ₂
AQMA C	Rotherham Metropolitan Borough Council	Rotherham AQMA No. 1 (Part 4)	Annual NO ₂

Traffic data in 2019							
Road	WebTRIS ID	AADT	%HDV	Speed (mph)			
M1 Southbound	M1/4601B	40451	19.5	70			
M1 Northbound	M1/4612A	40335	25.5	70			
M1 Northbound	M1/4597A	40078	21.8	70			
Slip road joining M1 Southbound	M1/4597M	14118	9.5	60			
Slip road leaving M1 Northbound	M1/4597J	14840	8.9	60			

Typical Traffic			Fast					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	SB		NB		SB