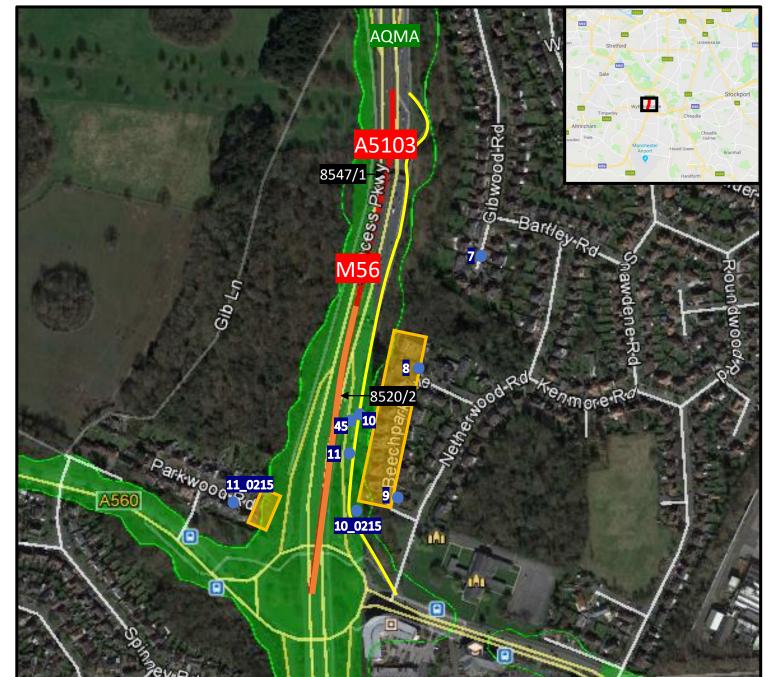


Census ID: 70271M56, ManchesterHighways England Region: Area 10Phase 3

AQ Description: PCM non compliant, Sensitive receptors within 50m



PCM predictions of NO ₂ concentrations (μg/m³)							
Year	2018	2019	2020	2021	2022	2023	
NO ₂ concentration (μg/m³)	43	41	39	37	35	33	
HE Monitored NO ₂ concentration (µg/m³)	51	48	45	40	38	36	

Existing Monitoring Data								
Location	NO ₂ Concentrations (μg/m³)							
Location	2013	2014	2015	2018				
7	30	24	-	1				
8	35	29	-	ı				
9	35	32	-	ı				
10	54	48	-	-				
11	47	48	-	1				
10_0215	-	-	35	ı				
11_0215	-	-	26	1				
45	-	-	-	51 *				
*Average of triplicate tubes								

AQMA			
Map ID	Local Authority	Description	Pollutant
AQMA	Greater Manchester	Greater Manchester AQMA	Annual NO ₂

Traffic data in 2017						
Road	WebTRIS ID	AADT	%HDV	Speed (mph)		
M56 westbound within junction 3A	8520/2	55,069	5.6	55		
A5103 northbound between M56/A560 and B5166	8547/1	42,444	5.7	53		

Typical Traffic			Fast					Slow	
AM (07:0	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

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

Major Project Scheme in vicinity?

- M56 Junctions 6-8

Commentary

- The A5103, Princess Parkway, is the main route into Manchester City Centre from the M56
- Sensitive receptors are present within 50m of the PCM link carriageway (houses located along Parkwood Road and Beechpark Avenue)
- The two closest monitoring points to the PCM link (10 and 11) exceeded the Air Quality Limit Value in 2013 and 2014.
- Monitoring locations at relevant sensitive receptors recorded concentrations below the Air Quality Limit Value between 2013 and 2015