

Proposal for NO2 Diffusion Tube Locations 2023 monitoring period:

New Relocate Retire	Type	Tube	Location	Reason
New	Urban Industrial/Background	-	Friday St junction with Primrose Street (Chorley)	Large number of trade and light industrial units and multistory car park on this road with associated traffic and HGV movements, close proximity to row of terraced houses. Would also capture drift from A6/railway. Supported by EarthSense AQ modeling data which suggests possible high levels NO2.
New	Roadside or Kerbside	-	A6 Bolton Rd junction with Wigan Lane (Fredericks, Heath Charnock)	Traffic light-controlled junction on main route into and out to Chorley town centre to the South. Anecdotal evidence from a resident of heavy queuing traffic at peak times. Row of residential on one side of junction. Supported by EarthSense AQ modeling data which suggests possible high levels NO2.
New	Suburban	-	Durham Drive, Buckshaw Village (Near to shops)	Built up location, little greenery and complex of local shops. Replaces retired Buckshaw location.
Relocate?	Urban Background	CH40	Devonshire Rd	Low readings across monitoring period, though often missing. Unreliable data.
Relocate	Roadside or Kerbside	CH62	Water Street – Lamp post outside number 223	Large overhanging tree <10m – does not comply with siting guidance.
Retire	Roadside or Kerbside	CH17A	A6 Preston Road, Whittle (LP 398) Opposite St Johns Church	Location on opposite side of road to receptors. CH17 and CH33 are nearby on this stretch of A6 with similar readings. Overhanging vegetation does not comply with siting guidance.
Retire	Suburban Industrial	CH57	Entrance to Botany Bay	Often missing, unreliable data collection. No residential, closest is Blackburn Rd. Sampling point on A674-M61 link and Blackburn Rd will remain.

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Retire	Roadside or Kerbside	CH47- CH49	Ordnance Way, Buckshaw	3 diffusion tubes set in small area, consider reducing to 1. 47/48 give near identical results near to 49. Will keep 47. Not possible to use for local bias adjustment as no auto. Monitor. Replace with new suburban monitor.
Retire	Suburban (background)	CH39	Duxbury Gardens	Consistent low NO2 readings (max. 18ug 2021 & 20ug 2022 so far), area is open and properties are set back from road so likely minimal exposure.