



| Key                        |        |   |        |
|----------------------------|--------|---|--------|
| PCM Link                   | —      | Sensitive Receptor/s within 50m of PCM Link | —      |
| NO <sub>2</sub> monitoring | 11 ●   | Footpath/s within 50m of PCM Link           | —      |
| AQMA                       | AQMA A | WebTRIS ID                                  | 7544/1 |
| Bus Stop                   | 🚌      | Section of PCM link within 25m of junction  | —      |

**Commentary**

- The M60 is a ring road around Manchester.
- Public access and sensitive receptors within 50m of PCM link
- Congestion on the adjoining road network and junctions

| NO <sub>2</sub> concentrations (µg/m <sup>3</sup> ) |      |      |      |      |      |      |
|---|------|------|------|------|------|------|
| Year  | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| PCM model   | 36   | 35   | 33   | 31   | 29   | 28   |
| National Highways modelling                         | 52   | 48   | 45   | 42   | 39   | 36   |

| Diffusion Tube Monitoring Data |  |      |      |      |
|--------------------------------|--|------|------|------|
| Location                       | NO <sub>2</sub> Concentration (ug/m <sup>3</sup> ) |      |      |      |
|                                | 2016   | 2017 | 2018 | 2019 |
| 046 (M60J24J27_046_0813)       | 41.4   |      |      |      |
| STP-A3                         |  |      |      | 48.3 |
| STP-B1                         |  |      |      | 46.2 |
| STP-B2                         |  |      |      | 49.0 |

| AQMA   |                         |                         |                        |
|--------|-------------------------|-------------------------|------------------------|
| Map ID | Local Authority         | Description             | Pollutant              |
| AQMA A | Manchester City Council | Greater Manchester AQMA | Annual NO <sub>2</sub> |

| Traffic data in 2019                 |            |        |      |             |
|--------------------------------------|------------|--------|------|-------------|
| Road                                 | WebTRIS ID | AADT   | %HDV | Speed (mph) |
| M60 Clockwise                        | M60/9562A  | 65,917 | 6.6  | 70          |
| M60 Anti-Clockwise                   | M60/9561B  | 73,768 | 7.8  | 70          |
| M60 anti-clockwise joining slip road | M60/9566M  | 14,073 | 5.1  | 70          |
| M60 clockwise leaving slip road      | M60/9566J  | 11,520 | 4.0  | 50          |
| M60 anti-clockwise leaving slip road | M60/9550L  | 14,673 | 5.1  | 50          |
| M60 clockwise joining slip road      | M60/9551K  | 11,939 | 11.1 | 70          |

| 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 |      |
|                    |    |                    |    |                    |    |                    |    |      |

**Major Project Scheme in vicinity?**

- Manchester south-east junction improvements.