

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Volume 5: Appendix AQ-001-0MA08

Air quality

Air quality report

MA08: Manchester Piccadilly Station

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Volume 5: Appendix AQ-001-0MA08

Air quality

Air quality report

MA08: Manchester Piccadilly Station



Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

High Speed Two (HS2) Limited
Two Snowhill
Snow Hill Queensway
Birmingham B4 6GA

Telephone: 08081 434 434

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.hs2.org.uk

A report prepared for High Speed Two (HS2) Limited:

ARUP+ ERM | FOSTER + PARTNERS | JACOBS
RAMBOLL | TYPESA | COSTAIN

MWJV

Mott MacDonald | WSP

High Speed Two (HS2) Limited has actively considered the needs of blind and partially sighted people in accessing this document. The text will be made available in full on the HS2 website. The text may be freely downloaded and translated by individuals or organisations for conversion into other accessible formats. If you have other needs in this regard please contact High Speed Two (HS2) Limited.

© High Speed Two (HS2) Limited, 2023, except where otherwise stated.

Copyright in the typographical arrangement rests with High Speed Two (HS2) Limited.

This information is licensed under the Open Government Licence v3.0. To view this licence, visit www.nationalarchives.gov.uk/doc/open-government-licence/version/3 **OGL** or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or e-mail: psi@nationalarchives.gsi.gov.uk. Where we have identified any third-party copyright information you will need to obtain permission from the copyright holders concerned.



Printed in Great Britain on paper containing 100% recycled fibre.

Contents

1	Introduction	3
1.1	Structure of this appendix	3
1.2	Scope, methodology, data sources, assumptions and limitations	4
2	Baseline air quality data	5
3	Construction dust assessment	6
4	Assessment of road traffic emissions	7
4.1	Overview	7
4.2	Model verification	7
4.3	Assessment of construction traffic emissions	9
4.4	Assessment of operational traffic emissions	82

Tables

Table 1:	Range of background pollutant concentrations	5
Table 2:	Comparison of monitored and modelled NO ₂ concentrations	7
Table 3:	Comparison of monitored and adjusted modelled NO ₂ concentrations	8
Table 4:	Modelled human receptors and background concentrations (construction phase)	10
Table 5:	Modelled ecological receptor backgrounds and critical loads (construction phase)	21
Table 6:	Modelled ecological receptor acid deposition backgrounds, critical loads and ammonia background concentrations (construction phase)	22
Table 7:	Comparison of impact descriptors for annual mean NO ₂ concentrations across construction scenarios	22
Table 8:	Predicted annual mean NO ₂ concentrations and impacts (construction phase)	31
Table 9:	Predicted annual mean PM ₁₀ concentrations and impacts (construction phase)	48
Table 10:	Predicted annual mean PM _{2.5} concentrations and impacts (construction phase)	64
Table 11:	Predicted annual mean of NO _x concentrations at ecological sites (construction phase)	79
Table 12:	Predicted annual mean of ammonia (NH ₃) concentrations at ecological sites (construction phase)	79
Table 13:	Assessment of N deposition with ammonia at ecological sites (construction phase)	80

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Table 14: Modelled human receptors and background concentrations (operational phase)	83
Table 15: Predicted annual mean NO ₂ concentrations and impacts (operation phase)	92
Table 16: Predicted annual mean PM ₁₀ concentrations and impacts (operation phase)	108
Table 17: Predicted annual mean PM _{2.5} concentrations and impacts (operation phase)	125

1 Introduction

1.1 Structure of this appendix

- 1.1.1 This report is an appendix to the air quality assessment which forms part of Volume 5 of the Supplementary Environmental Statement 2 (SES2) and Additional Provision 2 Environmental Statement (AP2 ES) for the Manchester Piccadilly Station (MA08) community area.
- 1.1.2 This appendix provides details of changes to the air quality assessment since the High Speed Two (HS2) High Speed Rail (Crewe – Manchester) Environmental Statement (ES) published in 2022¹ (the main ES), and the Supplementary Environmental Statement 1 (SES1) and Additional Provision 1 Environmental Statement (AP1 ES) also published in 2022².
- 1.1.3 This report should be read in conjunction with the main ES Volume 5, Appendix: AQ-001-0MA08.
- 1.1.4 In order to differentiate between the original scheme and the subsequent changes, the following terms are used:
- ‘the original scheme’ – the Bill scheme submitted to Parliament in 2022, which was assessed in the main ES;
 - ‘the SES1 scheme’ – the original scheme with any changes described in SES1 that are within the existing powers of the Bill;
 - ‘the AP1 revised scheme’ – the original scheme as amended by SES1 changes and AP1 amendments;
 - ‘the SES2 scheme’ – the original scheme with any changes described in SES1 (submitted in July 2022) and the SES2; and
 - ‘the AP2 revised scheme’ – the original scheme as amended by SES1 and SES2 changes (as relevant) and AP2 amendments.
- 1.1.5 Maps referred to in this appendix are contained in the SES2 and AP2 ES Volume 5, Air quality Map Book: Map Series AQ-01 – Air Quality Monitoring Locations and Receptors.

¹ High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement*. Available online at: <https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement>.

² High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement*. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-1-and-additional-provision-1-environmental-statement>.

- 1.1.6 In addition, the traffic data used for the air quality assessment is set out in Background Information and Data (BID)³ which accompanies the SES2 and AP2 ES (see BID AQ-002-0MA08 SES2 and AP2 ES).
- 1.1.7 Where it has been possible to differentiate the air quality assessment between the SES2 changes and the AP2 amendments, this has been done and presented in this report. However, the assessment of road traffic emissions is a combined assessment of both SES2 changes and AP2 amendments in this area.

1.2 Scope, methodology, data sources, assumptions and limitations

- 1.2.1 The assessment scope, key assumptions and limitations are as set out in the main ES Environmental Impact Assessment Scope and Methodology Report (SMR)⁴ (see main ES Volume 5: Appendix CT-001-00001).
- 1.2.2 Since the preparation of the main ES, the Department for Environment, Food and Rural Affairs (Defra) has released new versions of tools for undertaking air quality assessments⁵, namely the emissions factors toolkit. This air quality assessment has therefore used the latest available tools.
- 1.2.3 The air quality standards for this assessment are:
- 40µg/m³ as an annual mean for nitrogen dioxide (NO₂) and fine particulate matter (PM₁₀);
 - 200µg/m³ one-hour mean NO₂ concentrations, not to be exceeded more than 18 times a year (equivalent to the 99.8th percentile of the one-hour mean);
 - 50µg/m³ 24-hour mean PM₁₀ concentrations, not to be exceeded more than 35 times a year (equivalent to the 90.4th percentile of the 24-hour mean); and
 - 20µg/m³ as an annual mean for very fine particulate matter (PM_{2.5}).

³ High Speed Two Ltd (2023), High Speed Rail (Crewe – Manchester), *Background Information and Data accompanying Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement, Additional data used in the air quality assessment*, BID AQ-002-0MA01 SES2 and AP2 ES. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-2-and-additional-provision-2-environmental-statement>.

⁴ High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement, Environmental Impact Assessment Scope and Methodology Report*, Volume 5, Appendix: CT-001-00001. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement>.

⁵ Department for Environment, Food and Rural Affairs (2022). *Local air quality management*. Available online at: <https://laqm.defra.gov.uk/whatsnew.html>.

2 Baseline air quality data

Background pollutant concentrations

- 2.1.1 Estimates of background air quality were obtained from the Defra maps⁶. Background pollutant concentrations are within the air quality standards throughout the study area. Table 1 presents the range of background pollutant concentrations within the Manchester Piccadilly Station (MA08) community area for the future baseline, 2018 background pollutant concentrations remain the same as reported in the main ES.
- 2.1.2 Background pollutant concentrations for the operational year of 2039 have been taken from the Defra background maps for 2030, which is the latest available year of data. The 2030 background maps have been used as representative of the future baseline conditions during operation of the AP2 revised scheme.

Table 1: Range of background pollutant concentrations

Pollutant	Background concentrations ($\mu\text{g}/\text{m}^3$)	
	2026	2039
Annual mean NO _x	17.3 $\mu\text{g}/\text{m}^3$ to 36.1 $\mu\text{g}/\text{m}^3$	15.8 $\mu\text{g}/\text{m}^3$ to 33.9 $\mu\text{g}/\text{m}^3$
Annual mean NO ₂	12.8 $\mu\text{g}/\text{m}^3$ to 23.6 $\mu\text{g}/\text{m}^3$	11.8 $\mu\text{g}/\text{m}^3$ to 22.3 $\mu\text{g}/\text{m}^3$
Annual mean PM ₁₀	11.0 $\mu\text{g}/\text{m}^3$ to 13.5 $\mu\text{g}/\text{m}^3$	11.0 $\mu\text{g}/\text{m}^3$ to 13.4 $\mu\text{g}/\text{m}^3$
Annual mean PM _{2.5}	7.5 $\mu\text{g}/\text{m}^3$ to 9.0 $\mu\text{g}/\text{m}^3$	7.4 $\mu\text{g}/\text{m}^3$ to 8.9 $\mu\text{g}/\text{m}^3$

⁶ Department for Environment, Food and Rural Affairs (Defra) (2018), *Defra Background Pollutant Concentration Maps*. Available online at: <https://uk-air.defra.gov.uk/data/laqm-background-maps?year=2018>.

3 Construction dust assessment

- 3.1.1 There are no changes to the reported data in the main ES, for any of the design elements for the assessment of dust emissions during construction of the AP2 revised scheme.

4 Assessment of road traffic emissions

4.1 Overview

4.1.1 This section provides details of the assessment of road traffic emissions during construction of the AP2 revised scheme. The assessment considers the combined effects of SES2 changes and AP2 amendments in this area.

4.2 Model verification

4.2.1 Since the main ES, additional traffic information has been collected, as well as further information relating to local junction modelling. As a result of this, revised traffic data for the baseline year of 2018 and future baseline years for construction and operation has become available. The model verification has therefore been updated to take account of this revised baseline traffic data.

4.2.2 Model verification was undertaken on a route-wide basis where monitoring sites are located adjacent to the modelled road network. The objectives of the model verification are to evaluate model performance and to determine if model adjustment is required.

4.2.3 Some monitoring locations were not considered suitable for model verification, due to missing traffic or monitoring data, or other spatial considerations. A total of 21 monitoring sites, spread across the Hulseheath to Manchester Airport (MA06), Davenport Green to Ardwick (MA07), and Manchester Piccadilly Station (MA08) community areas, were included in the model verification exercise. The comparison of monitored and modelled NO₂ concentrations is shown in Table 2.

Table 2: Comparison of monitored and modelled NO₂ concentrations

Site	Monitored concentration (µg/m ³)	Modelled concentration (µg/m ³)	Percent difference (modelled - monitored/monitored)
MA06.2 ^a	28.7	20.7	-27.9%
MA06.4 ^a	31.3	32.9	5.1%
MA06.5 ^a	32.0	34.7	8.4%
MA06.6 ^a	37.7	30.2	-19.9%
SK12 ^a	38.0	37.2	-2.1%
STK7 ^a	37.4	37.2	-0.5%
(89a 89b) ^a	30.6	28.7	-6.2%
(86a 86b) ^a	32.0	26.2	-18.1%
M-36 ^a	33.1	26.8	-19.0%
MA07.1 ^a	45.7	36.0	-21.2%
MA07.3 ^a	30.2	23.0	-23.8%
MA08.4 ^a	41.3	31.5	-23.7%
TM13 ^a	41.8	41.2	-1.4%

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality
MA08
Air quality report

Site	Monitored concentration (µg/m ³)	Modelled concentration (µg/m ³)	Percent difference (modelled - monitored/monitored)
TM24 ^a	32.1	23.4	-27.1%
TM56 ^a	42.8	36.5	-14.7%
SK20 ^a	41.9	38.9	-7.2%
SA27 ^b	34.1	34.0	-0.3%
M-24 ^b	40.3	33.6	-16.6%
M-88 ^b	46.8	41.8	-10.7%
M-71 ^b	46.1	37.4	-18.9%
MA08.2 ^b	47.8	34.8	-27.2%

Note: ^a denotes sites used to derive the adjustment factor for locations within the 'outer' area of MA08. ^b denotes sites used to derive the adjustment factor for locations within the 'inner' area of MA08.

4.2.4 As some of the modelled NO₂ concentrations were greater than ±25% of the monitored concentrations and there was systematic under prediction, model adjustment was undertaken. Two adjustment factors were calculated: a factor of 1.1 for locations in the 'outer' area of MA08 and a factor of 1.8 for locations in the 'inner' area of MA08 to account for different surface roughness characteristics used within the modelling. Modelled concentrations of PM₁₀ and PM_{2.5} have not been adjusted. The comparison of monitored and adjusted modelled NO₂ concentrations is shown in Table 3.

Table 3: Comparison of monitored and adjusted modelled NO₂ concentrations

Site	Monitored concentration (µg/m ³)	Modelled adjusted concentration (µg/m ³)	Percent difference (modelled - monitored/monitored)
MA06.2 ^a	28.7	21.4	-25.4%
MA06.4 ^a	31.3	33.6	7.3%
MA06.5 ^a	32.0	35.3	10.3%
MA06.6 ^a	37.7	30.8	-18.3%
SK12 ^a	38.0	38.7	1.8%
STK7 ^a	37.4	38.8	3.7%
(89a 89b) ^a	30.6	29.6	-3.3%
(86a 86b) ^a	32.0	26.8	-16.3%
M-36 ^a	33.1	27.3	-17.5%
MA07.1 ^a	45.7	37.2	-18.6%
MA07.3 ^a	30.2	23.4	-22.5%
MA08.4 ^a	41.3	32.6	-21.1%
TM13 ^a	41.8	42.6	1.9%
TM24 ^a	32.1	24.0	-25.2%
TM56 ^a	42.8	37.5	-12.4%
SK20 ^a	41.9	39.9	-4.8%
SA27 ^b	34.1	37.7	10.6%
M-24 ^b	40.3	37.0	-8.2%
M-88 ^b	46.8	50.2	7.3%

Site	Monitored concentration (µg/m ³)	Modelled adjusted concentration (µg/m ³)	Percent difference (modelled - monitored/monitored)
M-71 ^b	46.1	47.1	2.2%
MA08.2 ^b	47.8	41.7	-12.8%

Note: ^a denotes sites used to derive the adjustment factor for locations within the 'outer' area of MA08. ^b denotes sites used to derive the adjustment factor for locations within the 'inner' area of MA08.

4.3 Assessment of construction traffic emissions

- 4.3.1 The assessment of construction traffic emissions has used traffic data based on an estimate of the average daily flows in the peak year during the construction period (2026–2039). However, vehicle emissions and background concentrations have been taken for the first construction year in 2026. Five construction scenarios have been assessed for air quality to capture peak construction traffic activity at different times in the construction period. It has been assumed that the changes in construction traffic will occur for the whole year. In some cases, this is a conservative approach, as the duration of the peak traffic flows may well be much shorter. These scenarios have been assessed against the relevant future baseline case without the AP2 revised scheme.
- 4.3.2 Traffic data in the study area have been screened to identify roads that require further assessment and to confirm the likely effect of the change in emissions from vehicles using these roads during construction of the AP2 revised scheme.
- 4.3.3 Traffic data for construction vehicles using the site haul routes and moving between compounds have also been included in the assessment. Additional roads have also been included in the assessment where relevant to account for their emissions at nearby receptors.

Receptors assessed and background concentrations

- 4.3.4 Details of the assessed receptors used in the assessment remain as reported within the main ES Volume 5, Appendix: AQ-001-0MA08. There were 17 human receptors modelled in the main ES that have not been modelled as part of the AP2 revised scheme and 99 receptors have been added due to changes in the study area. The human receptors and background concentrations are shown in Table 4. The location of all receptors are shown in the accompanying SES2 and AP2 ES Volume 5, Air quality Map Book: Map Series AQ-01 – Air Quality Monitoring Locations and Receptors.
- 4.3.5 One designated ecological receptor, Rochdale Canal Site of Special Scientific Interest (SSSI) and Special Area of Conservation (SAC), was identified within 200m of the screened in roads within the Manchester Piccadilly Station (MA08) community area during construction of the AP2 revised scheme. The Rochdale canal SSSI and SAC has been modelled along the centreline of the canal and only worst-case locations have been reported.

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

4.3.6 Table 5 shows the background concentrations for NO_x, background nitrogen deposition and critical loads. Table 6 shows the background acid deposition, critical loads and background ammonia concentrations. Acid deposition and ammonia were not previously assessed in the main ES. Rochdale Canal SSSI and SAC is not sensitive to acid deposition and has therefore not been assessed for this element.

Table 4: Modelled human receptors and background concentrations (construction phase)

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H002	Grafton Street, Manchester	385084, 396403	21.5	15.5	12.0	8.0
8-C-H003	Grafton Street, Manchester	385091, 396433	21.5	15.5	12.0	8.0
8-C-H005	Schuster Building, Manchester University, Upper Brook Street, Manchester	384844, 396735	27.1	18.7	11.4	7.5
8-C-H007	Polygon Street, Manchester	385294, 397054	25.6	17.8	12.3	8.0
8-C-H008	Conmere Square, Manchester	384007, 397071	29.0	19.8	13.4	8.5
8-C-H009	Rockdove Avenue, Manchester	383648, 397091	27.4	19.0	12.6	8.0
8-C-H010	Medlock Primary School, Ardwick Green South, Manchester	385194, 397098	25.6	17.8	12.3	8.0
8-C-H011	Chester Street, Manchester	383864, 397101	27.4	19.0	12.6	8.0
8-C-H012	Manchester University, Grosvenor Street, Manchester	384584, 397109	29.0	19.8	13.4	8.5
8-C-H013	Jackson Crescent, Manchester	383099, 397125	27.4	19.0	12.6	8.0
8-C-H014	Jackson Crescent, Manchester	383251, 397128	27.4	19.0	12.6	8.0
8-C-H015	Medlock Primary School, Ardwick Green South, Manchester	385152, 397142	25.6	17.8	12.3	8.0
8-C-H016	River Street, Manchester	383590, 397146	27.4	19.0	12.6	8.0
8-C-H017	Manchester Metropolitan University, Grosvenor Square, Manchester	384162, 397153	29.0	19.8	13.4	8.5
8-C-H018	Beattock Close, Manchester	382961, 397204	21.2	15.3	12.3	7.9
8-C-H019	Manchester Metropolitan University, Ormond Building, Lower Ormond Street, Manchester	384260, 397206	29.0	19.8	13.4	8.5

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H020	Manchester Metropolitan University, Oxford Road, Manchester	384316, 397226	29.0	19.8	13.4	8.5
8-C-H021	Grosvenor Street, Manchester	384410, 397229	29.0	19.8	13.4	8.5
8-C-H022	Ardwick Green South, Manchester	385058, 397238	25.6	17.8	12.3	8.0
8-C-H023	Higher Ardwick, Manchester	385445, 397239	25.6	17.8	12.3	8.0
8-C-H024	Higher Ardwick, Manchester	385427, 397247	25.6	17.8	12.3	8.0
8-C-H025	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester	384248, 397247	29.0	19.8	13.4	8.5
8-C-H026	Higher Ardwick, Manchester	385468, 397260	25.6	17.8	12.3	8.0
8-C-H027	Union Street, Ardwick, Manchester	385440, 397267	25.6	17.8	12.3	8.0
8-C-H028	Downing Street, Manchester	384951, 397315	29.0	19.8	13.4	8.5
8-C-H029	Lockton Close, Manchester	384718, 397406	29.0	19.8	13.4	8.5
8-C-H030	Cotter Street, Manchester	385302, 397415	25.6	17.8	12.3	8.0
8-C-H031	Blantyre Street, Manchester	382865, 397437	21.2	15.3	12.3	7.9
8-C-H032	The University of Manchester, Ferranti Building, Sackville Street, Manchester	384700, 397454	29.0	19.8	13.4	8.5
8-C-H033	The University of Manchester, Ferranti Building, Sackville Street, Manchester	384751, 397484	29.0	19.8	13.4	8.5
8-C-H034	Berry Street, Manchester	384941, 397522	29.0	19.8	13.4	8.5
8-C-H035	Wilfred Road, Manchester	375330, 397600	16.6	12.4	12.8	8.3
8-C-H036	Regent Road, Manchester	382694, 397638	21.2	15.3	12.3	7.9
8-C-H037	Laburnum Avenue, Manchester	375310, 397663	16.6	12.4	12.8	8.3
8-C-H038	Fairfield Street, Manchester	384997, 397727	29.0	19.8	13.4	8.5
8-C-H039	The University of Manchester, Sackville Street, Manchester	384458, 397743	29.0	19.8	13.4	8.5
8-C-H040	London Road, Manchester	384732, 397764	29.0	19.8	13.4	8.5

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H041	Whitworth Street, Manchester	384511, 397792	29.0	19.8	13.4	8.5
8-C-H042	Liverpool Road, Manchester	375369, 397797	16.6	12.4	12.8	8.3
8-C-H043	Liverpool Road, Eccles	375357, 397836	16.6	12.4	12.8	8.3
8-C-H044	Portland Street, Manchester	384160, 397910	29.0	19.8	13.4	8.5
8-C-H045	Piccadilly Place, Manchester	384554, 397914	29.0	19.8	13.4	8.5
8-C-H046	Bloom Street, Manchester	384392, 397931	29.0	19.8	13.4	8.5
8-C-H047	Ancoats Grove, Manchester	385769, 397944	25.6	17.8	12.3	8.0
8-C-H048	Ancotes Grove, Manchester	385751, 397952	25.6	17.8	12.3	8.0
8-C-H049	Every Street, Manchester	385573, 397967	25.6	17.8	12.3	8.0
8-C-H050	Chapelton Street, Manchester	384958, 397967	29.0	19.8	13.4	8.5
8-C-H051	Portland Street, Manchester	384226, 397976	29.0	19.8	13.4	8.5
8-C-H052	Chapelton Street, Manchester	385002, 397989	25.6	17.8	12.3	8.0
8-C-H053	Chapelton Street, Manchester	385088, 398016	26.2	18.2	11.7	7.7
8-C-H054	Every Street, Manchester	385651, 398021	26.2	18.2	11.7	7.7
8-C-H055	Every Street, Manchester	385685, 398097	26.2	18.2	11.7	7.7
8-C-H056	Great Ancoats Street, Manchester	385303, 398098	26.2	18.2	11.7	7.7
8-C-H057	Ducie Street, Manchester	384726, 398104	34.1	22.5	12.7	8.1
8-C-H058	Wharf Close, Manchester	384972, 398105	34.1	22.5	12.7	8.1
8-C-H059	Chapelton Street, Manchester	385283, 398121	26.2	18.2	11.7	7.7
8-C-H060	Every Street, Manchester	385724, 398121	26.2	18.2	11.7	7.7
8-C-H061	Pollard Street, Manchester	385401, 398139	26.2	18.2	11.7	7.7
8-C-H062	Piccadilly, Manchester	384586, 398157	34.1	22.5	12.7	8.1
8-C-H063	Paton Street, Manchester	384610, 398164	34.1	22.5	12.7	8.1
8-C-H064	Ducie Street, Manchester	384918, 398195	34.1	22.5	12.7	8.1
8-C-H065	Dale Street, Manchester	384677, 398206	34.1	22.5	12.7	8.1
8-C-H066	Tariff Street, Manchester	384903, 398206	34.1	22.5	12.7	8.1
8-C-H067	Store Street, Manchester	385203, 398217	26.2	18.2	11.7	7.7

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H068	Store Street, Manchester	385187, 398223	26.2	18.2	11.7	7.7
8-C-H069	Ducie Street, Manchester	385033, 398248	26.2	18.2	11.7	7.7
8-C-H070	Old Mill Street, Manchester	385220, 398249	26.2	18.2	11.7	7.7
8-C-H071	Blisworth Close, Manchester	385828, 398281	26.2	18.2	11.7	7.7
8-C-H072	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	385732, 398312	26.2	18.2	11.7	7.7
8-C-H073	Old Mill Street, Manchester	385298, 398317	26.2	18.2	11.7	7.7
8-C-H074	Little Learning Ladder Nursery, Lampwick Lane, Manchester	385429, 398318	26.2	18.2	11.7	7.7
8-C-H075	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	385678, 398341	26.2	18.2	11.7	7.7
8-C-H076	Tiddlywinks Day Nursery, Taunton Street, Manchester	385970, 398358	26.2	18.2	11.7	7.7
8-C-H077	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	385707, 398373	26.2	18.2	11.7	7.7
8-C-H078	Old Mill Street, Manchester	385364, 398403	26.2	18.2	11.7	7.7
8-C-H079	Munday Street, Manchester	385695, 398404	26.2	18.2	11.7	7.7
8-C-H080	Hackleton Close, Manchester	385772, 398408	26.2	18.2	11.7	7.7
8-C-H081	Towcester Close, Manchester	385925, 398416	26.2	18.2	11.7	7.7
8-C-H082	Pollard Street, Manchester	385733, 398417	26.2	18.2	11.7	7.7
8-C-H083	Houldsworth Street, Manchester	384862, 398484	34.1	22.5	12.7	8.1
8-C-H084	Tavery Close, Manchester	385492, 398494	26.2	18.2	11.7	7.7
8-C-H085	Pickford Street, Ancoats	384889, 398496	34.1	22.5	12.7	8.1
8-C-H086	A6 Crescent, Salford	382532, 398517	23.0	16.3	11.7	7.6
8-C-H087	Gore Street, Manchester	383023, 398522	32.6	21.7	12.2	7.8
8-C-H088	Chapel Street, Salford	382988, 398524	23.0	16.3	11.7	7.6
8-C-H089	Chapel Street, Salford	382985, 398529	23.0	16.3	11.7	7.6

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H090	Salford Royal NHS Foundation Trust, A6 Crescent, Salford	382532, 398551	23.0	16.3	11.7	7.6
8-C-H091	Old Mill Street, Manchester	385609, 398554	26.2	18.2	11.7	7.7
8-C-H092	Chapel Street, Salford	383039, 398557	32.6	21.7	12.2	7.8
8-C-H093	Ancoats, Manchester	384755, 398581	34.1	22.5	12.7	8.1
8-C-H094	St. Mary Street, Salford	383015, 398595	32.6	21.7	12.2	7.8
8-C-H095	Old Mill Street, Manchester	385699, 398622	26.2	18.2	11.7	7.7
8-C-H097	Great Ancoats Street, Manchester	384666, 398660	34.1	22.5	12.7	8.1
8-C-H098	Chapel Street, Salford	383087, 398670	32.6	21.7	12.2	7.8
8-C-H101	Oldham Road, Manchester	384668, 398699	34.1	22.5	12.7	8.1
8-C-H102	Ring Road, Manchester	384622, 398724	34.1	22.5	12.7	8.1
8-C-H104	Bevill Square, Salford	383073, 398734	32.6	21.7	12.2	7.8
8-C-H105	Addington Street, Manchester	384728, 398749	34.1	22.5	12.7	8.1
8-C-H106	Oldham Road, Manchester	384786, 398787	34.1	22.5	12.7	8.1
8-C-H107	Oldham Road, Manchester	384742, 398797	34.1	22.5	12.7	8.1
8-C-H108	Bradford Road, Manchester	385922, 398804	26.2	18.2	11.7	7.7
8-C-H109	Vernon Avenue, Eccles, Salford	377533, 398808	22.5	16.1	12.8	8.4
8-C-H110	Bradford Road, Manchester	385990, 398845	26.2	18.2	11.7	7.7
8-C-H111	Cranfield Close, Manchester	385970, 398861	26.2	18.2	11.7	7.7
8-C-H112	Swan Street, Manchester	384470, 398872	34.1	22.5	12.7	8.1
8-C-H113	Albert Road, Eccles, Salford	377667, 398891	22.5	16.1	12.8	8.4
8-C-H114	Blackfriars Road, Salford	383271, 398907	32.6	21.7	12.2	7.8
8-C-H115	Oldham Road, Manchester	385019, 398926	26.2	18.2	11.7	7.7
8-C-H116	Angel Street, Manchester	384479, 398933	34.1	22.5	12.7	8.1
8-C-H117	Trafalgar Road, Salford	378240, 398934	22.8	16.3	13.4	8.6
8-C-H118	Wellington Road, Eccles, Salford	378112, 398942	22.8	16.3	13.4	8.6
8-C-H119	Angel Street, Manchester	384485, 398960	34.1	22.5	12.7	8.1
8-C-H120	Blackfriars Road, Salford	383219, 398961	32.6	21.7	12.2	7.8

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H121	Butler Street, Manchester	385380, 399010	22.7	16.2	11.5	7.6
8-C-H122	Blackfriars Road, Salford	383185, 399021	23.8	16.9	11.5	7.6
8-C-H123	Butler Street, Manchester	385258, 399024	22.7	16.2	11.5	7.6
8-C-H124	Butler Street, Manchester	385453, 399033	22.7	16.2	11.5	7.6
8-C-H126	Richmond Street, Salford	383124, 399061	23.8	16.9	11.5	7.6
8-C-H127	Greengate, Salford	383568, 399069	23.8	16.9	11.5	7.6
8-C-H128	Trinity Way, Manchester	383452, 399070	23.8	16.9	11.5	7.6
8-C-H129	Mirabel Street, Cheetham Hill	383783, 399097	23.8	16.9	11.5	7.6
8-C-H130	Leander Close, Eccles, Salford	376314, 399176	18.9	13.9	12.7	8.3
8-C-H131	Scott Avenue, Eccles, Salford	376435, 399222	18.9	13.9	12.7	8.3
8-C-H132	Bray Avenue, Eccles, Salford	375958, 399253	17.7	13.1	12.8	8.3
8-C-H133	Frederick Road, Salford	381580, 399260	23.3	16.6	12.0	8.0
8-C-H134	Grange Road, Eccles	374924, 399267	15.7	11.8	12.6	7.9
8-C-H135	Nichols Street, Salford	381550, 399278	23.3	16.6	12.0	8.0
8-C-H136	King William Street, Eccles, Salford	375463, 399287	17.7	13.1	12.8	8.3
8-C-H137	Old Parrin Lane, Eccles, Salford	375661, 399293	17.7	13.1	12.8	8.3
8-C-H138	Trevor Road, Eccles, Salford	375889, 399331	17.7	13.1	12.8	8.3
8-C-H139	Abbott Community School, Sudell Street, Manchester	385012, 399368	22.7	16.2	11.5	7.6
8-C-H140	Brookhill Street, Manchester	386503, 399403	23.1	16.3	11.8	7.7
8-C-H143	Grange Road, Eccles	374938, 399521	15.7	11.8	12.6	7.9
8-C-H145	Cheetham Hill, Manchester	384139, 399550	23.6	16.7	11.7	7.6
8-C-H146	Fredrick Road, Salford	382011, 399663	20.5	14.9	11.4	7.6
8-C-H147	Seaford Road, Salford	382020, 399694	20.5	14.9	11.4	7.6
8-C-H148	Hulme Hall Lane, Manchester	386149, 399896	23.1	16.3	11.8	7.7
8-C-H149	Farm Lane, Worsley	374628, 399995	15.7	11.8	12.6	7.9
8-C-H151	St. Chads Roman Catholic Primary School, Balmfield Street, Manchester	384362, 400426	19.4	14.1	11.7	7.8
8-C-H152	Queens Road, Manchester	384452, 400434	19.4	14.1	11.7	7.8

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H153	Cheetham Hill Road, Manchester	384425, 400528	19.4	14.1	11.7	7.8
8-C-H154	Smedley Street, Manchester	384461, 400627	19.4	14.1	11.7	7.8
8-C-H155	Tazbiyah Nurseries, Smedley Lane, Manchester	384511, 400889	19.4	14.1	11.7	7.8
8-C-H156	St. Marks Church of England Primary School, Aviary Road, Worsley, Manchester	374736, 400898	16.2	12.1	12.6	8.0
8-C-H157	Cheetham Hill Road, Manchester	384409, 400958	19.4	14.1	11.7	7.8
8-C-H158	Shirley Road, Manchester	384261, 401142	19.7	14.3	12.1	8.1
8-C-H159	Cheetham Hill Road, Manchester	384192, 401162	19.7	14.3	12.1	8.1
8-C-H161	Hawthorne Drive, Worsley	375434, 401437	24.9	17.8	12.9	8.3
8-C-H162	Manthorpe Avenue, Manchester	375383, 401525	24.9	17.8	12.9	8.3
8-C-H166	Wardley Hall, Wardley Hall Road, Worsley	375713, 402276	17.1	12.7	12.6	8.1
8-C-H167	Manchester Road, Wardley, Swinton	375882, 402597	17.1	12.7	12.6	8.1
8-C-H168	Manchester Road, Wardley, Swinton	375646, 402752	17.1	12.7	12.6	8.1
8-C-H169	Sindley Road, Wardley, Swinton	376744, 403022	29.3	20.5	12.8	8.2
8-C-H170	Clifton Primary School, Wroe Street, Clifton	377678, 403094	17.5	13.0	12.4	8.0
8-C-H171	Manchester Road, Manchester	377819, 403291	17.5	13.0	12.4	8.0
8-C-H172	Manchester Road, Newton	377691, 403417	17.5	13.0	12.4	8.0
8-C-H174	Sidley Avenue, Charlestown	386961, 403908	17.6	13.0	11.9	8.0
8-C-H175	Philips Park Road, Whitefield	379086, 403983	17.0	12.7	12.1	7.9
8-C-H176	Mossway, Middleton	386590, 404056	18.0	13.3	12.7	8.4
8-C-H177	Philips Park, Whitefield	379666, 404091	16.8	12.5	12.8	8.2
8-C-H178	Nutbank Lane, Manchester	386238, 404507	18.0	13.3	12.7	8.4
8-C-H179	Charnwood Road, Manchester	386112, 404509	18.0	13.3	12.7	8.4
8-C-H180	Prestwick Hospital, Sedgley Avenue, Prestwich	380693, 404529	17.8	13.1	12.6	8.2
8-C-H181	Sedgley Avenue, Prestwich	380783, 404533	17.8	13.1	12.6	8.2

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H182	Glenmere Close, Prestwich	380898, 404648	17.8	13.1	12.6	8.2
8-C-H183	Philips Park Road East, Prestwich	380656, 404659	17.8	13.1	12.6	8.2
8-C-H184	Our Lady of Grace Roman Catholic Primary School, Willow Road, Prestwich	381133, 404681	20.9	15.1	13.3	8.7
8-C-H185	Stanley Avenue North, Prestwich	381136, 404821	20.9	15.1	13.3	8.7
8-C-H186	Hardmans Road, Prestwich	380997, 404840	17.8	13.1	12.6	8.2
8-C-H187	Lark Hill, Boothroyden Road	385133, 404871	20.8	15.2	12.4	8.2
8-C-H188	Bonny Brow Street, Middleton	384902, 405000	17.7	13.1	11.6	7.6
8-C-H189	Warwich Avenue, Whitefield	381594, 405222	18.6	13.7	13.3	8.7
8-C-H190	Kensington Street, Whitefield	381489, 405226	18.6	13.7	13.3	8.7
8-C-H191	St Margaret's Church of England Primary School, Heywood Road, Prestwich	382515, 405526	24.6	17.6	13.1	8.4
8-C-H192	Egypt Lane, Prestwich	383370, 406307	21.6	15.8	12.5	8.0
8-C-H193	Egypt Lane, Prestwich	383256, 406357	21.6	15.8	12.5	8.0
8-C-H194	Whittle Lane, Heywood	384251, 407650	14.9	11.2	12.5	7.9
8-C-H195	Lodge View, Heywood	385378, 408231	14.8	11.1	12.4	7.8
8-C-H196	Manchester Road, Manchester	385848, 408537	14.8	11.1	12.4	7.8
8-C-H197	Meadowview Care Home, Manchester Road, Manchester	388445, 409765	15.2	11.4	12.2	7.8
8-C-H198	Manchester Road, Rochdale	388510, 409858	15.2	11.4	12.2	7.8
8-C-H199	Trows Lane, Rochdale	388503, 409933	15.2	11.4	12.2	7.8
8-C-H200**	James Chadwick building, University of Manchester, Booth Street, Manchester	384630, 396987	27.1	18.7	11.4	7.5
8-C-H201**	Brunswick Street Manchester	385258, 397063	25.6	17.8	12.3	8.0
8-C-H209**	Odd Fellows Hall, Grosvenor Street, Manchester	384554, 397150	29.0	19.8	13.4	8.5
8-C-H210**	Odd Fellows Hall, Grosvenor Street, Manchester	384532, 397161	29.0	19.8	13.4	8.5
8-C-H214**	Cambridge Street, Manchester	383983, 397227	27.4	19.0	12.6	8.0

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H223**	Manchester Institute of Biotechnology, Princess Street, Manchester	384452, 397345	29.0	19.8	13.4	8.5
8-C-H224**	Lower Ormond Street, Manchester	384062, 397357	29.0	19.8	13.4	8.5
8-C-H225**	Manchester Institute of Biotechnology, Princess Street, Manchester	384418, 397398	29.0	19.8	13.4	8.5
8-C-H230**	Charles Street, Manchester	384341, 397525	29.0	19.8	13.4	8.5
8-C-H231**	Sackville Street, Manchester	384504, 397572	29.0	19.8	13.4	8.5
8-C-H232**	Whitworth Street West, Manchester	384071, 397584	29.0	19.8	13.4	8.5
8-C-H233**	Great Bridgewater Street, Manchester	383680, 397617	27.4	19.0	12.6	8.0
8-C-H234**	Cotton Mill, Samuel Ogden Street, Manchester	384310, 397677	29.0	19.8	13.4	8.5
8-C-H235**	Miranda Court, Asgard Drive, Salford	382454, 397720	21.2	15.3	12.3	7.9
8-C-H238**	Olivia Court, Asgard Drive, Salford	382268, 397768	21.2	15.3	12.3	7.9
8-C-H240**	London Road, Manchester	384687, 397874	29.0	19.8	13.4	8.5
8-C-H241**	Wilburn Basin, Ordsall Lane, Salford	382710, 397889	21.2	15.3	12.3	7.9
8-C-H242**	St. John Street, Manchester	383496, 397903	27.4	19.0	12.6	8.0
8-C-H244**	Goodiers Drive, Salford	381733, 397913	22.3	16.0	12.0	7.8
8-C-H249**	Chapeltown Street, Manchester	385111, 397983	25.6	17.8	12.3	8.0
8-C-H252**	Nicholas Street, Manchester	384124, 398032	34.1	22.5	12.7	8.1
8-C-H253**	Store Street, Manchester	384917, 398072	34.1	22.5	12.7	8.1
8-C-H254**	Ring Road, Manchester	382910, 398084	23.0	16.3	11.7	7.6
8-C-H259**	Booth Street, Manchester	384022, 398118	34.1	22.5	12.7	8.1
8-C-H265**	Cross Street, Manchester	383824, 398202	32.6	21.7	12.2	7.8
8-C-H266**	Booth Street, Manchester	383927, 398204	32.6	21.7	12.2	7.8
8-C-H268**	Booth Street, Manchester	383893, 398217	32.6	21.7	12.2	7.8
8-C-H270**	Screen and Film School Manchester, New Quay Street, Manchester	383138, 398218	32.6	21.7	12.2	7.8
8-C-H274**	Deansgate, Manchester	383625, 398257	32.6	21.7	12.2	7.8

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H275**	Malta Street, Manchester	385568, 398259	26.2	18.2	11.7	7.7
8-C-H277**	128911/FO/2020 - Laystall Street Manchester	384976, 398290	34.1	22.5	12.7	8.1
8-C-H278**	Newton Street, Manchester	384562, 398295	34.1	22.5	12.7	8.1
8-C-H280**	Buckingham Street, Salford	380989, 398313	23.4	16.6	13.5	9.0
8-C-H283**	Munday Street, Manchester	385581, 398338	26.2	18.2	11.7	7.7
8-C-H285**	Gurney Street, Manchester	385882, 398356	26.2	18.2	11.7	7.7
8-C-H288**	Hilton Street, Manchester	384687, 398375	34.1	22.5	12.7	8.1
8-C-H289**	Lever Street, Manchester	384526, 398399	34.1	22.5	12.7	8.1
8-C-H292**	Hilton Street, Manchester	384653, 398406	34.1	22.5	12.7	8.1
8-C-H296**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	385428, 398420	26.2	18.2	11.7	7.7
8-C-H297**	Gore Street, Manchester	383010, 398458	32.6	21.7	12.2	7.8
8-C-H298**	Flok, Stevenson Square, Manchester	384588, 398470	34.1	22.5	12.7	8.1
8-C-H299**	St. Lukes C Of E Primary School, Leopold Street, Salford	379917, 398481	29.3	19.9	13.0	8.4
8-C-H300**	Smithfield Buildings, Tib Street, Manchester	384424, 398483	34.1	22.5	12.7	8.1
8-C-H303**	Christabel Walk, Salford	380122, 398501	23.4	16.6	13.5	9.0
8-C-H304**	Trenam Place, Salford	381686, 398509	24.0	17.0	12.6	8.2
8-C-H309**	Church Street, Manchester	384248, 398534	34.1	22.5	12.7	8.1
8-C-H310**	Newton Street, Manchester	384793, 398544	34.1	22.5	12.7	8.1
8-C-H311**	Thomas Street, Manchester	384477, 398546	34.1	22.5	12.7	8.1
8-C-H313**	Chapel Street, Salford	382961, 398554	23.0	16.3	11.7	7.6
8-C-H317**	Chapel Street, Salford	383208, 398580	32.6	21.7	12.2	7.8
8-C-H320**	Chapel Street, Salford	383349, 398615	32.6	21.7	12.2	7.8
8-C-H322**	Birchleaf Grove, Salford	379447, 398640	29.3	19.9	13.0	8.4
8-C-H329**	Greater Manchester Mental Health, Stott Lane, Salford	378648, 398816	22.8	16.3	13.4	8.6
8-C-H341**	Corporation Street, Manchester	384190, 399064	23.6	16.7	11.7	7.6

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H345**	Aspin Lane, Manchester	384316, 399132	23.6	16.7	11.7	7.6
8-C-H346**	Cannon Street, Salford	382816, 399160	20.5	14.9	11.4	7.6
8-C-H347**	Angora Drive, Salford	382845, 399214	20.5	14.9	11.4	7.6
8-C-H350**	Variety Street, Manchester	385930, 399407	22.7	16.2	11.5	7.6
8-C-H351**	The Unicorn Nursery, Lower Broughton Road Salford	382665, 399413	20.5	14.9	11.4	7.6
8-C-H353**	Broughton Road, Manchester	381232, 399548	23.3	16.6	12.0	8.0
8-C-H354**	Dragonfly Close, Salford	382875, 399612	20.5	14.9	11.4	7.6
8-C-H355**	Wheaters Street, Salford	382504, 399626	20.5	14.9	11.4	7.6
8-C-H356**	Rochdale Road, Manchester	385170, 399640	22.7	16.2	11.5	7.6
8-C-H357**	Children's nursery, Great Clowes Street, Salford	382901, 399648	20.5	14.9	11.4	7.6
8-C-H358**	Lower Broughton Road, Salford	382456, 399671	20.5	14.9	11.4	7.6
8-C-H359**	River View Primary School, Lower Broughton Road, Salford (edge of grounds)	382478, 399674	20.5	14.9	11.4	7.6
8-C-H360**	River View Primary School, Lower Broughton Road, Salford	382522, 399679	20.5	14.9	11.4	7.6
8-C-H361**	Droitwich Road, Manchester	385788, 399690	22.7	16.2	11.5	7.6
8-C-H362**	Oldham Road, Manchester	385735, 399710	22.7	16.2	11.5	7.6
8-C-H363**	Bury New Road, Manchester	383477, 399762	23.8	16.9	11.5	7.6
8-C-H364**	Cheetwood Primary School, Waterloo Road, Manchester	383488, 399888	23.8	16.9	11.5	7.6
8-C-H366**	Arrow Street, Salford	382945, 399964	20.5	14.9	11.4	7.6
8-C-H368**	Grimshaw Lane, Manchester	386741, 400002	19.8	14.4	11.6	7.7
8-C-H369**	Beckford Street, Manchester	386339, 400071	19.8	14.4	11.6	7.7
8-C-H370**	Ramsgate Street Salford	383209, 400118	19.6	14.3	11.9	7.9
8-C-H371**	Great Clowes Street, Salford	382863, 400314	19.0	13.9	12.0	8.0
8-C-H372**	Lower Broughton Road, Salford	382162, 400315	19.0	13.9	12.0	8.0
8-C-H373**	Lower Broughton Road, Salford	382211, 400327	19.0	13.9	12.0	8.0
8-C-H374**	Bugle Close, Salford	382883, 400333	19.0	13.9	12.0	8.0

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality
MA08
Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2026 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-C-H375**	Lower Broughton Road, Salford	382189, 400346	19.0	13.9	12.0	8.0
8-C-H376**	Elizabeth Street, Manchester	384100, 400359	19.4	14.1	11.7	7.8
8-C-H378**	Overcombe Walk, Manchester	385525, 400477	20.6	14.9	12.0	7.9
8-C-H380**	Waterloo Road, Manchester	383810, 400533	19.6	14.3	11.9	7.9
8-C-H381**	Great Clowes Street, Salford	382716, 400544	19.0	13.9	12.0	8.0
8-C-H382**	Waterloo Road, Manchester	383838, 400545	19.6	14.3	11.9	7.9
8-C-H383**	Elizabeth Street, Manchester	383854, 400552	19.6	14.3	11.9	7.9
8-C-H384**	Great Cheetham Street, West Salford	382835, 400557	19.0	13.9	12.0	8.0
8-C-H385**	Elizabeth Street, Manchester	383817, 400560	19.6	14.3	11.9	7.9
8-C-H386**	Keyhaven Walk, Manchester	385533, 400561	20.6	14.9	12.0	7.9
8-C-H387**	Keyhaven Walk, Manchester	385517, 400589	20.6	14.9	12.0	7.9
8-C-H388**	Malimson Bourne, Hilton Street North, Salford	382934, 400618	19.0	13.9	12.0	8.0
8-C-H389**	Great Cheetham Street, East Salford	383010, 400626	19.6	14.3	11.9	7.9
8-C-H391**	Queens Road, Manchester	385408, 400654	20.6	14.9	12.0	7.9
8-C-H392**	St Boniface RC Primary School, Yew Street, Salford	382449, 400681	19.0	13.9	12.0	8.0
8-C-H393**	St Boniface RC Primary School, Yew Street, Salford (edge of grounds)	382497, 400721	19.0	13.9	12.0	8.0
8-C-H395**	Worsley Road, Manchester	377494, 401081	20.5	14.9	12.0	8.1
8-C-H398**	Chorley Road, Manchester	377847, 401540	20.5	14.9	12.0	8.1
8-C-H399**	Bury New Road, Salford	382631, 401587	18.1	13.3	11.2	7.5
8-C-H400**	Moor Lane, Salford	381629, 401936	17.3	12.8	11.0	7.5

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

Table 5: Modelled ecological receptor backgrounds and critical loads (construction phase)

Receptor	Sensitive habitat	2026 NO _x background concentration ($\mu\text{g}/\text{m}^3$)	APIS data of average total N deposition (kg N/ha/yr)	APIS Critical load (kg N/ha/yr)
Rochdale Canal SSSI and SAC	Fen, marsh and swamp	15.2	25.5	3

Table 6: Modelled ecological receptor acid deposition backgrounds, critical loads and ammonia background concentrations (construction phase)

Receptor	Sensitive habitat	APIS data of average total acid deposition (k eq/ha/yr)	APIS Critical load nitrogen (k eq/ha/yr) (min)	APIS Critical load nitrogen (k eq/ha/yr) (max)	APIS Critical load sulphur (k eq/ha/yr) (max)	APIS Ammonia background concentration (µg/m ³)
Rochdale Canal SSSI and SAC	Fen, marsh and swamp	Not applicable	Not applicable	Not applicable	Not applicable	2.4

Assessment results

- 4.3.7 Table 7 presents the predicted NO₂ impacts across all assessed scenarios for each assessed receptor. All impacts are predicted to be negligible for PM₁₀ and PM_{2.5} concentrations. Table 8 to Table 10 provide the summary of the worst-case modelled pollutant concentrations at each assessed receptor (i.e., the highest modelled concentration at a particular receptor given the different construction traffic scenarios). The magnitude of change and impact descriptor are also provided along with a comparison against the main ES, or alternatively the main ES as amended by SES1 and AP1 ES. These were derived for human receptors following the Institute of Air Quality Management (IAQM)/Environmental Protection UK (EPUK) methodology⁷.
- 4.3.8 Table 11 to Table 13 provide the summary of the worst-case modelled pollutant concentrations at each assessed ecological receptor (i.e., the highest modelled concentration at a particular receptor given the different construction traffic scenarios).
- 4.3.9 Table 12 provides a summary of the ammonia concentration results taken from the National Highways Ammonia N Deposition Tool⁸. Table 13 provides a summary of the nitrogen deposition receptor results with an additional ammonia component applied using the National Highways Ammonia N Deposition Tool.

Table 7: Comparison of impact descriptors for annual mean NO₂ concentrations across construction scenarios

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H002	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H003	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H005	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H007	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H008	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H009	Negligible	Negligible	Negligible	Negligible	Negligible

⁷ Institute of Air Quality Management (2017), *Land-Use planning & development control: Planning for air quality*, v1.2. Available online at: <https://iaqm.co.uk/guidance/>.

⁸ National Highways (2021), *Ammonia N Deposition Tool V2*.

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H010	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H011	Slight beneficial	Slight beneficial	Moderate beneficial	Slight beneficial	Slight beneficial
8-C-H012	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H013	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H014	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H015	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H016	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H017	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H018	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H019	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H020	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H021	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H022	Negligible	Negligible	Slight adverse	Negligible	Negligible
8-C-H023	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H024	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H025	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H026	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H027	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H028	Negligible	Negligible	Moderate adverse	Slight adverse	Slight adverse
8-C-H029	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H030	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H031	Negligible	Negligible	Slight adverse	Negligible	Negligible
8-C-H032	Negligible	Negligible	Slight beneficial	Negligible	Slight beneficial
8-C-H033	Negligible	Slight beneficial	Slight beneficial	Negligible	Slight beneficial
8-C-H034	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H035	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H036	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H037	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H038	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H039	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H040	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H041	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H042	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H043	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H044	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H045	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H046	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H047	Negligible	Negligible	Negligible	Negligible	Negligible

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H048	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H049	Negligible	Slight adverse	Moderate beneficial	Negligible	Negligible
8-C-H050	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H051	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H052	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H053	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H054	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H055	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H056	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H057	Slight beneficial	Slight beneficial	Negligible	Negligible	Negligible
8-C-H058	Negligible	Slight beneficial	Slight beneficial	Slight beneficial	Slight beneficial
8-C-H059	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H060	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H061	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H062	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H063	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H064	Negligible	Slight beneficial	Negligible	Negligible	Negligible
8-C-H065	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H066	Slight beneficial	Slight beneficial	Negligible	Negligible	Negligible
8-C-H067	Slight beneficial	Slight beneficial	Moderate beneficial	Moderate beneficial	Moderate beneficial
8-C-H068	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H069	Slight beneficial	Slight beneficial	Negligible	Negligible	Negligible
8-C-H070	Slight beneficial	Slight beneficial	Moderate beneficial	Moderate beneficial	Moderate beneficial
8-C-H071	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H072	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H073	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H074	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H075	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H076	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H077	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H078	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H079	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H080	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H081	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H082	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H083	Negligible	Negligible	Negligible	Negligible	Negligible

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H084	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H085	Slight adverse	Negligible	Slight beneficial	Slight beneficial	Slight beneficial
8-C-H086	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H087	Negligible	Slight adverse	Slight adverse	Slight adverse	Slight adverse
8-C-H088	Negligible	Negligible	Negligible	Negligible	Slight adverse
8-C-H089	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H090	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H091	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H092	Negligible	Slight adverse	Slight adverse	Negligible	Slight adverse
8-C-H093	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H094	Negligible	Slight adverse	Slight adverse	Slight adverse	Slight adverse
8-C-H095	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H097	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H098	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H101	Negligible	Slight beneficial	Slight beneficial	Slight beneficial	Slight beneficial
8-C-H102	Negligible	Negligible	Negligible	Slight beneficial	Slight beneficial
8-C-H104	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H105	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H106	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H107	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H108	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H109	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H110	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H111	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H112	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H113	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H114	Negligible	Slight adverse	Slight adverse	Negligible	Slight adverse
8-C-H115	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H116	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H117	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H118	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H119	Negligible	Negligible	Slight beneficial	Negligible	Negligible
8-C-H120	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H121	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H122	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H123	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H124	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H126	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H127	Negligible	Negligible	Negligible	Negligible	Negligible

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H128	Negligible	Negligible	Slight adverse	Negligible	Negligible
8-C-H129	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H130	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H131	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H132	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H133	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H134	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H135	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H136	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H137	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H138	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H139	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H140	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H143	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H145	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H146	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H147	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H148	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H149	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H151	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H152	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H153	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H154	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H155	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H156	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H157	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H158	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H159	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H161	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H162	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H166	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H167	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H168	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H169	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H170	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H171	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H172	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H174	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H175	Negligible	Negligible	Negligible	Negligible	Negligible

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H176	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H177	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H178	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H179	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H180	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H181	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H182	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H183	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H184	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H185	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H186	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H187	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H188	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H189	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H190	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H191	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H192	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H193	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H194	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H195	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H196	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H197	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H198	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H199	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H200**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H201**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H209**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H210**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H214**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H223**	Negligible	Negligible	Negligible	Slight beneficial	Slight beneficial
8-C-H224**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H225**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H230**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H231**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H232**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H233**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H234**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H235**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H238**	Negligible	Negligible	Negligible	Negligible	Negligible

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H240**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H241**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H242**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H244**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H249**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H252**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H253**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H254**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H259**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H265**	Negligible	Negligible	Negligible	Slight beneficial	Negligible
8-C-H266**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H268**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H270**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H274**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H275**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H277**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H278**	Negligible	Negligible	Slight adverse	Negligible	Negligible
8-C-H280**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H283**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H285**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H288**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H289**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H292**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H296**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H297**	Slight adverse	Slight adverse	Slight adverse	Slight adverse	Slight adverse
8-C-H298**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H299**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H300**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H303**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H304**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H309**	Slight adverse	Slight adverse	Slight adverse	Slight adverse	Slight adverse
8-C-H310**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H311**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H313**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H317**	Negligible	Slight adverse	Slight adverse	Negligible	Slight adverse
8-C-H320**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H322**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H329**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H341**	Negligible	Negligible	Negligible	Negligible	Negligible

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H345**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H346**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H347**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H350**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H351**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H353**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H354**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H355**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H356**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H357**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H358**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H359**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H360**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H361**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H362**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H363**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H364**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H366**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H368**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H369**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H370**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H371**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H372**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H373**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H374**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H375**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H376**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H378**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H380**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H381**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H382**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H383**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H384**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H385**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H386**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H387**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H388**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H389**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H391**	Negligible	Negligible	Negligible	Negligible	Negligible

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Impact descriptors for annual mean NO ₂ concentrations				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
8-C-H392**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H393**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H395**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H398**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H399**	Negligible	Negligible	Negligible	Negligible	Negligible
8-C-H400**	Negligible	Negligible	Negligible	Negligible	Negligible

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Table 8: Predicted annual mean NO₂ concentrations and impacts (construction phase)

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentration s (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H002	Grafton Street, Manchester	19.8	19.7	-0.1	Negligible	Negligible	Not significant
8-C-H003	Grafton Street, Manchester	22.3	22.2	-0.1	Negligible	Negligible	Not significant
8-C-H005	Schuster Building, Manchester University, Upper Brook Street, Manchester	23.5	23.5	< 0.1	Negligible	Negligible	Not significant
8-C-H007	Polygon Street, Manchester	28.6	28.8	0.2	Negligible	Negligible	Not significant
8-C-H008	Conmere Square, Manchester	29.5	29.4	-0.1	Negligible	Negligible	Not significant
8-C-H009	Rockdove Avenue, Manchester	30.0	29.9	-0.1	Negligible	Negligible	Not significant
8-C-H010	Medlock Primary School, Ardwick Green South, Manchester	20.5	20.6	0.1	Negligible	Negligible	Not significant
8-C-H011	Chester Street, Manchester	41.2	40.8	-0.4	Slight beneficial	Moderate beneficial	Removal of significant effect
8-C-H012	Manchester University, Grosvenor Street, Manchester	23.3	23.5	0.2	Negligible	Negligible	Not significant
8-C-H013	Jackson Crescent, Manchester	21.9	21.9	< 0.1	Negligible	Negligible	Not significant
8-C-H014	Jackson Crescent, Manchester	24.1	24.1	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H015	Medlock Primary School, Ardwick Green South, Manchester	20.3	20.6	0.3	Negligible	Negligible	Not significant
8-C-H016	River Street, Manchester	37.2	37.2	< 0.1	Negligible	Negligible	Not significant
8-C-H017	Manchester Metropolitan University, Grosvenor Square, Manchester	30.0	30.0	< 0.1	Negligible	Negligible	Not significant
8-C-H018	Beattock Close, Manchester	23.4	23.4	< 0.1	Negligible	Negligible	Not significant
8-C-H019	Manchester Metropolitan University, Ormond Building, Lower Ormond Street, Manchester	32.1	32.0	-0.1	Negligible	Negligible	Not significant
8-C-H020	Manchester Metropolitan University, Oxford Road, Manchester	33.5	33.4	-0.1	Negligible	Negligible	Not significant
8-C-H021	Grosvenor Street, Manchester	27.6	27.6	< 0.1	Negligible	Negligible	Not significant
8-C-H022	Ardwick Green South, Manchester	24.4	27.1	2.7	Slight adverse	Negligible	Not significant
8-C-H023	Higher Ardwick, Manchester	22.2	22.6	0.4	Negligible	Negligible	Not significant
8-C-H024	Higher Ardwick, Manchester	22.7	23.0	0.3	Negligible	Negligible	Not significant
8-C-H025	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester	36.8	36.7	-0.1	Negligible	Negligible	Not significant
8-C-H026	Higher Ardwick, Manchester	22.4	23.8	1.4	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H027	Union Street, Ardwick, Manchester	22.3	22.2	-0.1	Negligible	Negligible	Not significant
8-C-H028	Downing Street, Manchester	30.6	33.0	2.4	Moderate adverse	Negligible	New significant effect
8-C-H029	Lockton Close, Manchester	28.1	28.0	-0.1	Negligible	Negligible	Not significant
8-C-H030	Cotter Street, Manchester	23.9	24.1	0.2	Negligible	Negligible	Not significant
8-C-H031	Blantyre Street, Manchester	38.5	38.8	0.3	Slight adverse	Negligible	Not significant
8-C-H032	The University of Manchester, Ferranti Building, Sackville Street, Manchester	32.3	31.9	-0.4	Negligible	Negligible	Not significant
8-C-H033	The University of Manchester, Ferranti Building, Sackville Street, Manchester	32.7	32.3	-0.4	Negligible	Negligible	Not significant
8-C-H034	Berry Street, Manchester	28.1	28.1	< 0.1	Negligible	Negligible	Not significant
8-C-H035	Wilfred Road, Manchester	22.4	22.4	< 0.1	Negligible	Negligible	Not significant
8-C-H036	Regent Road, Manchester	21.9	22.0	0.1	Negligible	Negligible	Not significant
8-C-H037	Laburnum Avenue, Manchester	22.0	22.1	0.1	Negligible	Negligible	Not significant
8-C-H038	Fairfield Street, Manchester	25.1	26.0	0.9	Negligible	Negligible	Not significant
8-C-H039	The University of Manchester, Sackville Street, Manchester	27.7	27.1	-0.6	Negligible	Negligible	Not significant
8-C-H040	London Road, Manchester	29.6	28.9	-0.7	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H041	Whitworth Street, Manchester	28.8	27.9	-0.9	Negligible	Negligible	Not significant
8-C-H042	Liverpool Road, Manchester	23.3	23.4	0.1	Negligible	Negligible	Not significant
8-C-H043	Liverpool Road, Eccles	25.4	25.6	0.2	Negligible	Negligible	Not significant
8-C-H044	Portland Street, Manchester	30.9	30.7	-0.2	Negligible	Negligible	Not significant
8-C-H045	Piccadilly Place, Manchester	24.7	24.3	-0.4	Negligible	Negligible	Not significant
8-C-H046	Bloom Street, Manchester	24.7	24.6	-0.1	Negligible	Negligible	Not significant
8-C-H047	Ancoats Grove, Manchester	18.8	18.9	0.1	Negligible	Negligible	Not significant
8-C-H048	Ancoats Grove, Manchester	19.0	19.1	0.1	Negligible	Negligible	Not significant
8-C-H049	Every Street, Manchester	33.5	34.9	1.4	Slight adverse	Slight adverse	Not significant
8-C-H050	Chapelton Street, Manchester	22.4	24.2	1.8	Negligible	Moderate adverse	Removal of significant effect
8-C-H051	Portland Street, Manchester	30.3	29.8	-0.5	Negligible	Negligible	Not significant
8-C-H052	Chapelton Street, Manchester	20.2	21.6	1.4	Negligible	Slight adverse	Not significant
8-C-H053	Chapelton Street, Manchester	20.5	20.9	0.4	Negligible	Negligible	Not significant
8-C-H054	Every Street, Manchester	22.1	22.2	0.1	Negligible	Negligible	Not significant
8-C-H055	Every Street, Manchester	22.2	22.2	< 0.1	Negligible	Negligible	Not significant
8-C-H056	Great Ancoats Street, Manchester	27.3	26.3	-1.0	Negligible	Negligible	Not significant
8-C-H057	Ducie Street, Manchester	27.2	28.6	1.4	Negligible	Slight adverse	Not significant
8-C-H058	Wharf Close, Manchester	27.8	27.5	-0.3	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H059	Chapeltown Street, Manchester	28.6	27.6	-1.0	Negligible	Negligible	Not significant
8-C-H060	Every Street, Manchester	20.0	20.0	< 0.1	Negligible	Negligible	Not significant
8-C-H061	Pollard Street, Manchester	24.6	23.5	-1.1	Negligible	Negligible	Not significant
8-C-H062	Piccadilly, Manchester	25.5	26.7	1.2	Negligible	Negligible	Not significant
8-C-H063	Paton Street, Manchester	25.9	27.4	1.5	Negligible	Negligible	Not significant
8-C-H064	Ducie Street, Manchester	26.5	26.6	0.1	Negligible	Negligible	Not significant
8-C-H065	Dale Street, Manchester	26.3	27.1	0.8	Negligible	Negligible	Not significant
8-C-H066	Tariff Street, Manchester	27.7	27.7	< 0.1	Negligible	Negligible	Not significant
8-C-H067	Store Street, Manchester	30.4	29.0	-1.4	Slight beneficial	Negligible	Not significant
8-C-H068	Store Street, Manchester	27.0	26.1	-0.9	Negligible	Negligible	Not significant
8-C-H069	Ducie Street, Manchester	23.8	23.9	0.1	Negligible	Slight adverse	Not significant
8-C-H070	Old Mill Street, Manchester	31.4	30.2	-1.2	Slight beneficial	Negligible	Not significant
8-C-H071	Blisworth Close, Manchester	20.4	20.6	0.2	Negligible	Negligible	Not significant
8-C-H072	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	19.1	19.1	< 0.1	Negligible	Negligible	Not significant
8-C-H073	Old Mill Street, Manchester	23.5	22.8	-0.7	Negligible	Negligible	Not significant
8-C-H074	Little Learning Ladder Nursery, Lampwick Lane, Manchester	18.9	18.9	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H075	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	19.4	19.2	-0.2	Negligible	Negligible	Not significant
8-C-H076	Tiddlywinks Day Nursery, Taunton Street, Manchester	18.8	18.9	0.1	Negligible	Negligible	Not significant
8-C-H077	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	19.4	19.3	-0.1	Negligible	Negligible	Not significant
8-C-H078	Old Mill Street, Manchester	20.6	20.4	-0.2	Negligible	Negligible	Not significant
8-C-H079	Munday Street, Manchester	20.3	20.0	-0.3	Negligible	Negligible	Not significant
8-C-H080	Hackleton Close, Manchester	19.5	19.4	-0.1	Negligible	Negligible	Not significant
8-C-H081	Towcester Close, Manchester	20.0	19.8	-0.2	Negligible	Negligible	Not significant
8-C-H082	Pollard Street, Manchester	20.2	20.1	-0.1	Negligible	Negligible	Not significant
8-C-H083	Houldsworth Street, Manchester	28.2	29.0	0.8	Negligible	Negligible	Not significant
8-C-H084	Tavery Close, Manchester	24.0	23.3	-0.7	Negligible	Negligible	Not significant
8-C-H085	Pickford Street, Ancoats	33.2	33.8	0.6	Slight adverse	Negligible	Not significant
8-C-H086	A6 Crescent, Salford	20.6	20.7	0.1	Negligible	Negligible	Not significant
8-C-H087	Gore Street, Manchester	34.0	34.8	0.8	Slight adverse	Negligible	Not significant
8-C-H088	Chapel Street, Salford	30.5	31.2	0.7	Slight adverse	Negligible	Not significant
8-C-H089	Chapel Street, Salford	29.9	30.4	0.5	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H090	Salford Royal NHS Foundation Trust, A6 Crescent, Salford	24.5	24.6	0.1	Negligible	Negligible	Not significant
8-C-H091	Old Mill Street, Manchester	21.3	21.1	-0.2	Negligible	Negligible	Not significant
8-C-H092	Chapel Street, Salford	35.7	36.5	0.8	Slight adverse	Negligible	Not significant
8-C-H093	Ancoats, Manchester	29.3	29.4	0.1	Negligible	Negligible	Not significant
8-C-H094	St. Mary Street, Salford	33.8	34.6	0.8	Slight adverse	Negligible	Not significant
8-C-H095	Old Mill Street, Manchester	20.4	20.0	-0.4	Negligible	Negligible	Not significant
8-C-H097	Great Ancoats Street, Manchester	29.8	29.8	< 0.1	Negligible	Negligible	Not significant
8-C-H098	Chapel Street, Salford	27.8	28.6	0.8	Negligible	Negligible	Not significant
8-C-H101	Oldham Road, Manchester	36.2	35.7	-0.5	Negligible	Slight beneficial	Not significant
8-C-H102	Ring Road, Manchester	31.9	32.0	0.1	Negligible	Negligible	Not significant
8-C-H104	Bevill Square, Salford	28.3	28.8	0.5	Negligible	Negligible	Not significant
8-C-H105	Addington Street, Manchester	29.0	28.9	-0.1	Negligible	Negligible	Not significant
8-C-H106	Oldham Road, Manchester	27.0	27.0	< 0.1	Negligible	Negligible	Not significant
8-C-H107	Oldham Road, Manchester	29.9	30.0	0.1	Negligible	Negligible	Not significant
8-C-H108	Bradford Road, Manchester	21.1	20.6	-0.5	Negligible	Negligible	Not significant
8-C-H109	Vernon Avenue, Eccles, Salford	20.1	20.1	< 0.1	Negligible	Negligible	Not significant
8-C-H110	Bradford Road, Manchester	21.7	22.0	0.3	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H111	Cranfield Close, Manchester	21.7	21.6	-0.1	Negligible	Negligible	Not significant
8-C-H112	Swan Street, Manchester	28.6	28.9	0.3	Negligible	Negligible	Not significant
8-C-H113	Albert Road, Eccles, Salford	25.5	25.5	< 0.1	Negligible	Negligible	Not significant
8-C-H114	Blackfriars Road, Salford	30.2	31.4	1.2	Slight adverse	Negligible	Not significant
8-C-H115	Oldham Road, Manchester	20.7	21.0	0.3	Negligible	Negligible	Not significant
8-C-H116	Angel Street, Manchester	30.7	30.7	< 0.1	Negligible	Negligible	Not significant
8-C-H117	Trafalgar Road, Salford	22.9	22.9	< 0.1	Negligible	Negligible	Not significant
8-C-H118	Wellington Road, Eccles, Salford	25.8	25.8	< 0.1	Negligible	Negligible	Not significant
8-C-H119	Angel Street, Manchester	34.5	34.4	-0.1	Negligible	Negligible	Not significant
8-C-H120	Blackfriars Road, Salford	28.5	29.1	0.6	Negligible	Negligible	Not significant
8-C-H121	Butler Street, Manchester	17.7	17.5	-0.2	Negligible	Negligible	Not significant
8-C-H122	Blackfriars Road, Salford	21.7	22.1	0.4	Negligible	Negligible	Not significant
8-C-H123	Butler Street, Manchester	17.4	17.4	< 0.1	Negligible	Negligible	Not significant
8-C-H124	Butler Street, Manchester	18.4	18.2	-0.2	Negligible	Negligible	Not significant
8-C-H126	Richmond Street, Salford	19.6	19.9	0.3	Negligible	Negligible	Not significant
8-C-H127	Greengate, Salford	22.3	23.0	0.7	Negligible	Negligible	Not significant
8-C-H128	Trinity Way, Manchester	29.7	30.4	0.7	Slight adverse	Slight adverse	Not significant
8-C-H129	Mirabel Street, Cheetham Hill	25.0	26.2	1.2	Negligible	Negligible	Not significant
8-C-H130	Leander Close, Eccles, Salford	19.7	19.6	-0.1	Negligible	Negligible	Not significant
8-C-H131	Scott Avenue, Eccles, Salford	23.4	23.4	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H132	Bray Avenue, Eccles, Salford	20.9	20.9	< 0.1	Negligible	Negligible	Not significant
8-C-H133	Frederick Road, Salford	20.5	20.7	0.2	Negligible	Negligible	Not significant
8-C-H134	Grange Road, Eccles	16.4	16.5	0.1	Negligible	Negligible	Not significant
8-C-H135	Nichols Street, Salford	19.8	19.9	0.1	Negligible	Negligible	Not significant
8-C-H136	King William Street, Eccles, Salford	22.4	22.4	< 0.1	Negligible	Negligible	Not significant
8-C-H137	Old Parrin Lane, Eccles, Salford	21.0	20.9	-0.1	Negligible	Negligible	Not significant
8-C-H138	Trevor Road, Eccles, Salford	23.7	23.7	< 0.1	Negligible	Negligible	Not significant
8-C-H139	Abbott Community School, Sudell Street, Manchester	17.6	17.6	< 0.1	Negligible	Negligible	Not significant
8-C-H140	Brookhill Street, Manchester	19.2	19.1	-0.1	Negligible	Negligible	Not significant
8-C-H143	Grange Road, Eccles	25.5	25.7	0.2	Negligible	Negligible	Not significant
8-C-H145	Cheetham Hill, Manchester	21.2	21.2	< 0.1	Negligible	Negligible	Not significant
8-C-H146	Fredrick Road, Salford	17.7	17.8	0.1	Negligible	Negligible	Not significant
8-C-H147	Seaford Road, Salford	20.6	20.8	0.2	Negligible	Negligible	Not significant
8-C-H148	Hulme Hall Lane, Manchester	22.0	21.9	-0.1	Negligible	Negligible	Not significant
8-C-H149	Farm Lane, Worsley	35.6	35.8	0.2	Negligible	Moderate adverse	Removal of significant effect
8-C-H151	St. Chads Roman Catholic Primary School, Balmfield Street, Manchester	15.8	15.8	< 0.1	Negligible	Negligible	Not significant
8-C-H152	Queens Road, Manchester	18.3	18.3	< 0.1	Negligible	Negligible	Not significant
8-C-H153	Cheetham Hill Road, Manchester	17.5	17.5	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H154	Smedley Street, Manchester	17.0	16.9	-0.1	Negligible	Negligible	Not significant
8-C-H155	Tazbiyah Nurseries, Smedley Lane, Manchester	15.8	15.8	< 0.1	Negligible	Negligible	Not significant
8-C-H156	St. Marks Church of England Primary School, Aviary Road, Worsley, Manchester	17.7	17.8	0.1	Negligible	Negligible	Not significant
8-C-H157	Cheetham Hill Road, Manchester	16.5	16.5	< 0.1	Negligible	Negligible	Not significant
8-C-H158	Shirley Road, Manchester	18.2	18.1	-0.1	Negligible	Negligible	Not significant
8-C-H159	Cheetham Hill Road, Manchester	16.0	16.0	< 0.1	Negligible	Negligible	Not significant
8-C-H161	Hawthorne Drive, Worsley	25.4	25.6	0.2	Negligible	Negligible	Not significant
8-C-H162	Manthorpe Avenue, Manchester	28.0	28.2	0.2	Negligible	Negligible	Not significant
8-C-H166	Wardley Hall, Wardley Hall Road, Worsley	17.3	17.4	0.1	Negligible	Negligible	Not significant
8-C-H167	Manchester Road, Wardley, Swinton	17.5	17.5	< 0.1	Negligible	Negligible	Not significant
8-C-H168	Manchester Road, Wardley, Swinton	19.4	19.5	0.1	Negligible	Negligible	Not significant
8-C-H169	Sindley Road, Wardley, Swinton	21.9	21.9	< 0.1	Negligible	Negligible	Not significant
8-C-H170	Clifton Primary School, Wroe Street, Clifton	14.6	14.6	< 0.1	Negligible	Negligible	Not significant
8-C-H171	Manchester Road, Manchester	20.4	20.6	0.2	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H172	Manchester Road, Newton	27.1	27.4	0.3	Negligible	Negligible	Not significant
8-C-H174	Sidley Avenue, Charlestown	17.9	17.9	< 0.1	Negligible	Negligible	Not significant
8-C-H175	Philips Park Road, Whitefield	18.6	18.7	0.1	Negligible	Negligible	Not significant
8-C-H176	Mossway, Middleton	21.9	22.0	0.1	Negligible	Negligible	Not significant
8-C-H177	Philips Park, Whitefield	13.8	13.9	0.1	Negligible	Negligible	Not significant
8-C-H178	Nutbank Lane, Manchester	19.4	19.4	< 0.1	Negligible	Negligible	Not significant
8-C-H179	Charnwood Road, Manchester	18.5	18.5	< 0.1	Negligible	Negligible	Not significant
8-C-H180	Prestwick Hospital, Sedgley Avenue, Prestwich	17.3	17.4	0.1	Negligible	Negligible	Not significant
8-C-H181	Sedgley Avenue, Prestwich	16.5	16.5	< 0.1	Negligible	Negligible	Not significant
8-C-H182	Glenmere Close, Prestwich	22.0	22.2	0.2	Negligible	Negligible	Not significant
8-C-H183	Philips Park Road East, Prestwich	26.6	27.0	0.4	Negligible	Negligible	Not significant
8-C-H184	Our Lady of Grace Roman Catholic Primary School, Willow Road, Prestwich	18.0	18.1	0.1	Negligible	Negligible	Not significant
8-C-H185	Stanley Avenue North, Prestwich	22.6	22.8	0.2	Negligible	Negligible	Not significant
8-C-H186	Hardmans Road, Prestwich	28.1	28.4	0.3	Negligible	Negligible	Not significant
8-C-H187	Lark Hill, Boothroyden Road	19.1	19.2	0.1	Negligible	Negligible	Not significant
8-C-H188	Bonny Brow Street, Middleton	15.5	15.6	0.1	Negligible	Negligible	Not significant
8-C-H189	Warwick Avenue, Whitefield	24.1	24.3	0.2	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H190	Kensington Street, Whitefield	34.8	35.3	0.5	Negligible	Negligible	Not significant
8-C-H191	St Margaret's Church of England Primary School, Heywood Road, Prestwich	18.8	18.8	< 0.1	Negligible	Negligible	Not significant
8-C-H192	Egypt Lane, Prestwich	20.5	20.6	0.1	Negligible	Negligible	Not significant
8-C-H193	Egypt Lane, Prestwich	22.1	22.2	0.1	Negligible	Negligible	Not significant
8-C-H194	Whittle Lane, Heywood	15.2	15.3	0.1	Negligible	Negligible	Not significant
8-C-H195	Lodge View, Heywood	19.0	19.0	< 0.1	Negligible	Negligible	Not significant
8-C-H196	Manchester Road, Manchester	24.3	24.4	0.1	Negligible	Negligible	Not significant
8-C-H197	Meadowview Care Home, Manchester Road, Manchester	14.2	14.2	< 0.1	Negligible	Negligible	Not significant
8-C-H198	Manchester Road, Rochdale	24.3	24.4	0.1	Negligible	Negligible	Not significant
8-C-H199	Trows Lane, Rochdale	25.3	25.4	0.1	Negligible	Negligible	Not significant
8-C-H200**	James Chadwick building, University of Manchester, Booth Street, Manchester	21.8	21.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H201**	Brunswick Street Manchester	26.4	26.1	-0.3	Negligible	Not applicable	Not significant
8-C-H209**	Odd Fellows Hall, Grosvenor Street, Manchester	24.0	24.2	0.2	Negligible	Not applicable	Not significant
8-C-H210**	Odd Fellows Hall, Grosvenor Street, Manchester	23.0	22.9	-0.1	Negligible	Not applicable	Not significant
8-C-H214**	Cambridge Street, Manchester	29.4	29.8	0.4	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H223**	Manchester Institute of Biotechnology, Princess Street, Manchester	34.3	34.1	-0.2	Negligible	Not applicable	Not significant
8-C-H224**	Lower Ormond Street, Manchester	25.0	25.1	0.1	Negligible	Not applicable	Not significant
8-C-H225**	Manchester Institute of Biotechnology, Princess Street, Manchester	29.7	29.5	-0.2	Negligible	Not applicable	Not significant
8-C-H230**	Charles Street, Manchester	31.3	31.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H231**	Sackville Street, Manchester	26.6	26.4	-0.2	Negligible	Not applicable	Not significant
8-C-H232**	Whitworth Street West, Manchester	27.5	27.4	-0.1	Negligible	Not applicable	Not significant
8-C-H233**	Great Bridgewater Street, Manchester	28.7	28.8	0.1	Negligible	Not applicable	Not significant
8-C-H234**	Cotton Mill, Samuel Ogden Street, Manchester	28.7	28.6	-0.1	Negligible	Not applicable	Not significant
8-C-H235**	Miranda Court, Asgard Drive, Salford	22.5	22.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H238**	Olivia Court, Asgard Drive, Salford	21.1	21.0	-0.1	Negligible	Not applicable	Not significant
8-C-H240**	London Road, Manchester	27.0	26.4	-0.6	Negligible	Not applicable	Not significant
8-C-H241**	Wilburn Basin, Ordsall Lane, Salford	21.0	21.2	0.2	Negligible	Not applicable	Not significant
8-C-H242**	St. John Street, Manchester	25.0	25.1	0.1	Negligible	Not applicable	Not significant
8-C-H244**	Goodiers Drive, Salford	18.8	18.8	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H249**	Chapelton Street, Manchester	20.0	20.7	0.7	Negligible	Not applicable	Not significant
8-C-H252**	Nicholas Street, Manchester	30.0	30.3	0.3	Negligible	Not applicable	Not significant
8-C-H253**	Store Street, Manchester	27.2	27.5	0.3	Negligible	Not applicable	Not significant
8-C-H254**	Ring Road, Manchester	21.2	21.5	0.3	Negligible	Not applicable	Not significant
8-C-H259**	Booth Street, Manchester	27.7	28.4	0.7	Negligible	Not applicable	Not significant
8-C-H265**	Cross Street, Manchester	32.5	32.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H266**	Booth Street, Manchester	24.3	24.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H268**	Booth Street, Manchester	24.4	24.5	0.1	Negligible	Not applicable	Not significant
8-C-H270**	Screen and Film School Manchester, New Quay Street, Manchester	32.8	33.2	0.4	Negligible	Not applicable	Not significant
8-C-H274**	Deansgate, Manchester	30.4	30.6	0.2	Negligible	Not applicable	Not significant
8-C-H275**	Malta Street, Manchester	20.5	20.0	-0.5	Negligible	Not applicable	Not significant
8-C-H277**	128911/FO/2020 - Laystall Street Manchester	25.9	25.4	-0.5	Negligible	Not applicable	Not significant
8-C-H278**	Newton Street, Manchester	24.4	26.9	2.5	Slight adverse	Not applicable	Not significant
8-C-H280**	Buckingham Street, Salford	24.2	24.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H283**	Munday Street, Manchester	19.2	19.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H285**	Gurney Street, Manchester	20.2	20.4	0.2	Negligible	Not applicable	Not significant
8-C-H288**	Hilton Street, Manchester	25.7	25.6	-0.1	Negligible	Not applicable	Not significant
8-C-H289**	Lever Street, Manchester	28.9	29.5	0.6	Negligible	Not applicable	Not significant
8-C-H292**	Hilton Street, Manchester	26.3	27.2	0.9	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H296**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	20.5	20.2	-0.3	Negligible	Not applicable	Not significant
8-C-H297**	Gore Street, Manchester	34.0	35.0	1.0	Slight adverse	Not applicable	Not significant
8-C-H298**	Flok, Stevenson Square, Manchester	27.0	27.4	0.4	Negligible	Not applicable	Not significant
8-C-H299**	St. Lukes C Of E Primary School, Leopold Street, Salford	23.1	23.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H300**	Smithfield Buildings, Tib Street, Manchester	28.9	29.3	0.4	Negligible	Not applicable	Not significant
8-C-H303**	Christabel Walk, Salford	25.3	25.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H304**	Trenam Place, Salford	21.0	21.1	0.1	Negligible	Not applicable	Not significant
8-C-H309**	Church Street, Manchester	31.9	32.8	0.9	Slight adverse	Not applicable	Not significant
8-C-H310**	Newton Street, Manchester	28.7	30.0	1.3	Negligible	Not applicable	Not significant
8-C-H311**	Thomas Street, Manchester	27.2	27.4	0.2	Negligible	Not applicable	Not significant
8-C-H313**	Chapel Street, Salford	33.6	33.4	-0.2	Negligible	Not applicable	Not significant
8-C-H317**	Chapel Street, Salford	29.9	30.7	0.8	Slight adverse	Not applicable	Not significant
8-C-H320**	Chapel Street, Salford	25.6	25.9	0.3	Negligible	Not applicable	Not significant
8-C-H322**	Birch Leaf Grove, Salford	28.6	28.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H329**	Greater Manchester Mental Health, Stott Lane, Salford	24.8	24.8	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H341**	Corporation Street, Manchester	28.7	28.5	-0.2	Negligible	Not applicable	Not significant
8-C-H345**	Aspin Lane, Manchester	29.1	28.8	-0.3	Negligible	Not applicable	Not significant
8-C-H346**	Cannon Street, Salford	16.5	16.6	0.1	Negligible	Not applicable	Not significant
8-C-H347**	Angora Drive, Salford	17.4	17.7	0.3	Negligible	Not applicable	Not significant
8-C-H350**	Variety Street, Manchester	17.5	17.6	0.1	Negligible	Not applicable	Not significant
8-C-H351**	The Unicorn Nursery, Lower Broughton Road Salford	15.7	15.8	0.1	Negligible	Not applicable	Not significant
8-C-H353**	Broughton Road, Manchester	23.7	23.9	0.2	Negligible	Not applicable	Not significant
8-C-H354**	Dragonfly Close, Salford	17.9	18.1	0.2	Negligible	Not applicable	Not significant
8-C-H355**	Wheater's Street, Salford	16.9	17.1	0.2	Negligible	Not applicable	Not significant
8-C-H356**	Rochdale Road, Manchester	19.0	18.9	-0.1	Negligible	Not applicable	Not significant
8-C-H357**	Children's nursery, Great Clowes Street, Salford	17.6	17.8	0.2	Negligible	Not applicable	Not significant
8-C-H358**	Lower Broughton Road, Salford	15.9	16.0	0.1	Negligible	Not applicable	Not significant
8-C-H359**	River View Primary School, Lower Broughton Road, Salford (edge of grounds)	17.4	17.7	0.3	Negligible	Not applicable	Not significant
8-C-H360**	River View Primary School, Lower Broughton Road, Salford	15.6	15.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H361**	Droitwich Road, Manchester	18.7	18.9	0.2	Negligible	Not applicable	Not significant
8-C-H362**	Oldham Road, Manchester	22.5	22.6	0.1	Negligible	Not applicable	Not significant
8-C-H363**	Bury New Road, Manchester	22.6	22.6	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H364**	Cheetwood Primary School, Waterloo Road, Manchester	19.5	19.7	0.2	Negligible	Not applicable	Not significant
8-C-H366**	Arrow Street, Salford	17.5	17.9	0.4	Negligible	Not applicable	Not significant
8-C-H368**	Grimshaw Lane, Manchester	18.4	18.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H369**	Beckford Street, Manchester	17.3	17.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H370**	Ramsgate Street Salford	15.4	15.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H371**	Great Clowes Street, Salford	17.7	17.9	0.2	Negligible	Not applicable	Not significant
8-C-H372**	Lower Broughton Road, Salford	16.8	17.1	0.3	Negligible	Not applicable	Not significant
8-C-H373**	Lower Broughton Road, Salford	16.4	16.5	0.1	Negligible	Not applicable	Not significant
8-C-H374**	Bugle Close, Salford	18.2	18.3	0.1	Negligible	Not applicable	Not significant
8-C-H375**	Lower Broughton Road, Salford	18.4	18.6	0.2	Negligible	Not applicable	Not significant
8-C-H376**	Elizabeth Street, Manchester	18.6	19.0	0.4	Negligible	Not applicable	Not significant
8-C-H378**	Overcombe Walk, Manchester	17.6	17.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H380**	Waterloo Road, Manchester	17.7	18.1	0.4	Negligible	Not applicable	Not significant
8-C-H381**	Great Clowes Street, Salford	18.9	18.6	-0.3	Negligible	Not applicable	Not significant
8-C-H382**	Waterloo Road, Manchester	18.2	18.6	0.4	Negligible	Not applicable	Not significant
8-C-H383**	Elizabeth Street, Manchester	19.5	19.9	0.4	Negligible	Not applicable	Not significant
8-C-H384**	Great Cheetham Street, West Salford	16.8	16.6	-0.2	Negligible	Not applicable	Not significant
8-C-H385**	Elizabeth Street, Manchester	19.1	19.5	0.4	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H386**	Keyhaven Walk, Manchester	17.8	17.7	-0.1	Negligible	Not applicable	Not significant
8-C-H387**	Keyhaven Walk, Manchester	17.7	17.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H388**	Malimson Bourne, Hilton Street North, Salford	18.8	18.5	-0.3	Negligible	Not applicable	Not significant
8-C-H389**	Great Cheetham Street, East Salford	19.7	19.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H391**	Queens Road, Manchester	23.3	23.5	0.2	Negligible	Not applicable	Not significant
8-C-H392**	St Boniface RC Primary School, Yew Street, Salford	14.6	14.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H393**	St Boniface RC Primary School, Yew Street, Salford (edge of grounds)	15.8	15.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H395**	Worsley Road, Manchester	19.9	20.1	0.2	Negligible	Not applicable	Not significant
8-C-H398**	Chorley Road, Manchester	18.8	18.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H399**	Bury New Road, Salford	16.1	16.0	-0.1	Negligible	Not applicable	Not significant
8-C-H400**	Moor Lane, Salford	13.8	13.9	0.1	Negligible	Not applicable	Not significant

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

Table 9: Predicted annual mean PM₁₀ concentrations and impacts (construction phase)

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H002	Grafton Street, Manchester	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-C-H003	Grafton Street, Manchester	14.0	14.0	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H005	Schuster Building, Manchester University, Upper Brook Street, Manchester	12.9	12.8	-0.1	Negligible	Negligible	Not significant
8-C-H007	Polygon Street, Manchester	14.2	14.2	< 0.1	Negligible	Negligible	Not significant
8-C-H008	Conmere Square, Manchester	14.9	14.9	< 0.1	Negligible	Negligible	Not significant
8-C-H009	Rockdove Avenue, Manchester	14.3	14.2	-0.1	Negligible	Negligible	Not significant
8-C-H010	Medlock Primary School, Ardwick Green South, Manchester	12.7	12.8	0.1	Negligible	Negligible	Not significant
8-C-H011	Chester Street, Manchester	16.1	16.1	< 0.1	Negligible	Negligible	Not significant
8-C-H012	Manchester University, Grosvenor Street, Manchester	14.5	14.5	< 0.1	Negligible	Negligible	Not significant
8-C-H013	Jackson Crescent, Manchester	13.0	13.0	< 0.1	Negligible	Negligible	Not significant
8-C-H014	Jackson Crescent, Manchester	13.2	13.2	< 0.1	Negligible	Negligible	Not significant
8-C-H015	Medlock Primary School, Ardwick Green South, Manchester	12.7	12.8	0.1	Negligible	Negligible	Not significant
8-C-H016	River Street, Manchester	14.9	14.9	< 0.1	Negligible	Negligible	Not significant
8-C-H017	Manchester Metropolitan University, Grosvenor Square, Manchester	14.8	14.8	< 0.1	Negligible	Negligible	Not significant
8-C-H018	Beattock Close, Manchester	13.7	13.7	< 0.1	Negligible	Negligible	Not significant
8-C-H019	Manchester Metropolitan University, Ormond Building, Lower Ormond Street, Manchester	15.1	15.1	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H020	Manchester Metropolitan University, Oxford Road, Manchester	15.3	15.3	< 0.1	Negligible	Negligible	Not significant
8-C-H021	Grosvenor Street, Manchester	14.5	14.5	< 0.1	Negligible	Negligible	Not significant
8-C-H022	Ardwick Green South, Manchester	13.6	14.1	0.5	Negligible	Negligible	Not significant
8-C-H023	Higher Ardwick, Manchester	13.1	13.2	0.1	Negligible	Negligible	Not significant
8-C-H024	Higher Ardwick, Manchester	13.2	13.2	< 0.1	Negligible	Negligible	Not significant
8-C-H025	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester	15.8	15.8	< 0.1	Negligible	Negligible	Not significant
8-C-H026	Higher Ardwick, Manchester	13.1	13.4	0.3	Negligible	Negligible	Not significant
8-C-H027	Union Street, Ardwick, Manchester	13.1	13.1	< 0.1	Negligible	Negligible	Not significant
8-C-H028	Downing Street, Manchester	15.6	16.1	0.5	Negligible	Negligible	Not significant
8-C-H029	Lockton Close, Manchester	14.7	14.8	0.1	Negligible	Negligible	Not significant
8-C-H030	Cotter Street, Manchester	13.0	13.0	< 0.1	Negligible	Negligible	Not significant
8-C-H031	Blantyre Street, Manchester	15.3	15.3	< 0.1	Negligible	Negligible	Not significant
8-C-H032	The University of Manchester, Ferranti Building, Sackville Street, Manchester	15.1	15.1	< 0.1	Negligible	Negligible	Not significant
8-C-H033	The University of Manchester, Ferranti Building, Sackville Street, Manchester	15.2	15.2	< 0.1	Negligible	Negligible	Not significant
8-C-H034	Berry Street, Manchester	14.5	14.5	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H035	Wilfred Road, Manchester	14.6	14.6	< 0.1	Negligible	Negligible	Not significant
8-C-H036	Regent Road, Manchester	13.6	13.6	< 0.1	Negligible	Negligible	Not significant
8-C-H037	Laburnum Avenue, Manchester	14.5	14.6	0.1	Negligible	Negligible	Not significant
8-C-H038	Fairfield Street, Manchester	14.3	14.5	0.2	Negligible	Negligible	Not significant
8-C-H039	The University of Manchester, Sackville Street, Manchester	14.8	14.7	-0.1	Negligible	Negligible	Not significant
8-C-H040	London Road, Manchester	15.1	15.0	-0.1	Negligible	Negligible	Not significant
8-C-H041	Whitworth Street, Manchester	15.0	14.9	-0.1	Negligible	Negligible	Not significant
8-C-H042	Liverpool Road, Manchester	14.9	15.0	0.1	Negligible	Negligible	Not significant
8-C-H043	Liverpool Road, Eccles	15.5	15.5	< 0.1	Negligible	Negligible	Not significant
8-C-H044	Portland Street, Manchester	15.4	15.4	< 0.1	Negligible	Negligible	Not significant
8-C-H045	Piccadilly Place, Manchester	14.3	14.2	-0.1	Negligible	Negligible	Not significant
8-C-H046	Bloom Street, Manchester	14.3	14.3	< 0.1	Negligible	Negligible	Not significant
8-C-H047	Ancoats Grove, Manchester	12.6	12.6	< 0.1	Negligible	Negligible	Not significant
8-C-H048	Ancoats Grove, Manchester	12.6	12.6	< 0.1	Negligible	Negligible	Not significant
8-C-H049	Every Street, Manchester	15.2	15.4	0.2	Negligible	Negligible	Not significant
8-C-H050	Chapelton Street, Manchester	13.9	14.0	0.1	Negligible	Negligible	Not significant
8-C-H051	Portland Street, Manchester	15.3	15.2	-0.1	Negligible	Negligible	Not significant
8-C-H052	Chapelton Street, Manchester	12.7	12.7	< 0.1	Negligible	Negligible	Not significant
8-C-H053	Chapelton Street, Manchester	12.1	12.1	< 0.1	Negligible	Negligible	Not significant
8-C-H054	Every Street, Manchester	12.8	12.8	< 0.1	Negligible	Negligible	Not significant
8-C-H055	Every Street, Manchester	13.0	13.0	< 0.1	Negligible	Negligible	Not significant
8-C-H056	Great Ancoats Street, Manchester	13.3	13.1	-0.2	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H057	Ducie Street, Manchester	13.6	13.7	0.1	Negligible	Negligible	Not significant
8-C-H058	Wharf Close, Manchester	13.7	13.6	-0.1	Negligible	Negligible	Not significant
8-C-H059	Chapelton Street, Manchester	13.6	13.4	-0.2	Negligible	Negligible	Not significant
8-C-H060	Every Street, Manchester	12.3	12.2	-0.1	Negligible	Negligible	Not significant
8-C-H061	Pollard Street, Manchester	12.9	12.6	-0.3	Negligible	Negligible	Not significant
8-C-H062	Piccadilly, Manchester	13.2	13.4	0.2	Negligible	Negligible	Not significant
8-C-H063	Paton Street, Manchester	13.3	13.5	0.2	Negligible	Negligible	Not significant
8-C-H064	Ducie Street, Manchester	13.4	13.4	< 0.1	Negligible	Negligible	Not significant
8-C-H065	Dale Street, Manchester	13.4	13.5	0.1	Negligible	Negligible	Not significant
8-C-H066	Tariff Street, Manchester	13.6	13.6	< 0.1	Negligible	Negligible	Not significant
8-C-H067	Store Street, Manchester	13.9	13.6	-0.3	Negligible	Negligible	Not significant
8-C-H068	Store Street, Manchester	13.3	13.1	-0.2	Negligible	Negligible	Not significant
8-C-H069	Ducie Street, Manchester	12.7	12.8	0.1	Negligible	Negligible	Not significant
8-C-H070	Old Mill Street, Manchester	14.2	13.9	-0.3	Negligible	Negligible	Not significant
8-C-H071	Blisworth Close, Manchester	12.4	12.4	< 0.1	Negligible	Negligible	Not significant
8-C-H072	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	12.0	12.0	< 0.1	Negligible	Negligible	Not significant
8-C-H073	Old Mill Street, Manchester	12.7	12.5	-0.2	Negligible	Negligible	Not significant
8-C-H074	Little Learning Ladder Nursery, Lampwick Lane, Manchester	11.9	11.9	< 0.1	Negligible	Negligible	Not significant
8-C-H075	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	12.0	12.0	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H076	Tiddlywinks Day Nursery, Taunton Street, Manchester	11.9	11.9	< 0.1	Negligible	Negligible	Not significant
8-C-H077	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	12.0	12.0	< 0.1	Negligible	Negligible	Not significant
8-C-H078	Old Mill Street, Manchester	12.5	12.3	-0.2	Negligible	Negligible	Not significant
8-C-H079	Munday Street, Manchester	12.3	12.2	-0.1	Negligible	Negligible	Not significant
8-C-H080	Hackleton Close, Manchester	12.1	12.0	-0.1	Negligible	Negligible	Not significant
8-C-H081	Towcester Close, Manchester	12.2	12.2	< 0.1	Negligible	Negligible	Not significant
8-C-H082	Pollard Street, Manchester	12.3	12.2	-0.1	Negligible	Negligible	Not significant
8-C-H083	Houldsworth Street, Manchester	13.7	13.9	0.2	Negligible	Negligible	Not significant
8-C-H084	Tavery Close, Manchester	13.3	13.1	-0.2	Negligible	Negligible	Not significant
8-C-H085	Pickford Street, Ancoats	14.7	14.8	0.1	Negligible	Negligible	Not significant
8-C-H086	A6 Crescent, Salford	12.9	12.9	< 0.1	Negligible	Negligible	Not significant
8-C-H087	Gore Street, Manchester	14.5	14.7	0.2	Negligible	Negligible	Not significant
8-C-H088	Chapel Street, Salford	14.2	14.4	0.2	Negligible	Negligible	Not significant
8-C-H089	Chapel Street, Salford	14.1	14.2	0.1	Negligible	Negligible	Not significant
8-C-H090	Salford Royal NHS Foundation Trust, A6 Crescent, Salford	13.9	13.9	< 0.1	Negligible	Negligible	Not significant
8-C-H091	Old Mill Street, Manchester	12.6	12.5	-0.1	Negligible	Negligible	Not significant
8-C-H092	Chapel Street, Salford	14.8	14.9	0.1	Negligible	Negligible	Not significant
8-C-H093	Ancoats, Manchester	13.9	13.9	< 0.1	Negligible	Negligible	Not significant
8-C-H094	St. Mary Street, Salford	14.5	14.6	0.1	Negligible	Negligible	Not significant
8-C-H095	Old Mill Street, Manchester	12.3	12.2	-0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H097	Great Ancoats Street, Manchester	14.0	14.0	< 0.1	Negligible	Negligible	Not significant
8-C-H098	Chapel Street, Salford	13.3	13.4	0.1	Negligible	Negligible	Not significant
8-C-H101	Oldham Road, Manchester	15.2	15.1	-0.1	Negligible	Negligible	Not significant
8-C-H102	Ring Road, Manchester	14.5	14.5	< 0.1	Negligible	Negligible	Not significant
8-C-H104	Bevill Square, Salford	13.4	13.5	0.1	Negligible	Negligible	Not significant
8-C-H105	Addington Street, Manchester	13.8	13.8	< 0.1	Negligible	Negligible	Not significant
8-C-H106	Oldham Road, Manchester	13.5	13.5	< 0.1	Negligible	Negligible	Not significant
8-C-H107	Oldham Road, Manchester	14.0	14.1	0.1	Negligible	Negligible	Not significant
8-C-H108	Bradford Road, Manchester	12.6	12.4	-0.2	Negligible	Negligible	Not significant
8-C-H109	Vernon Avenue, Eccles, Salford	13.6	13.6	< 0.1	Negligible	Negligible	Not significant
8-C-H110	Bradford Road, Manchester	12.8	12.9	0.1	Negligible	Negligible	Not significant
8-C-H111	Cranfield Close, Manchester	12.8	12.8	< 0.1	Negligible	Negligible	Not significant
8-C-H112	Swan Street, Manchester	13.7	13.8	0.1	Negligible	Negligible	Not significant
8-C-H113	Albert Road, Eccles, Salford	14.8	14.8	< 0.1	Negligible	Negligible	Not significant
8-C-H114	Blackfriars Road, Salford	13.7	14.0	0.3	Negligible	Negligible	Not significant
8-C-H115	Oldham Road, Manchester	12.5	12.6	0.1	Negligible	Negligible	Not significant
8-C-H116	Angel Street, Manchester	14.1	14.1	< 0.1	Negligible	Negligible	Not significant
8-C-H117	Trafalgar Road, Salford	14.8	14.8	< 0.1	Negligible	Negligible	Not significant
8-C-H118	Wellington Road, Eccles, Salford	15.3	15.3	< 0.1	Negligible	Negligible	Not significant
8-C-H119	Angel Street, Manchester	14.8	14.8	< 0.1	Negligible	Negligible	Not significant
8-C-H120	Blackfriars Road, Salford	13.4	13.5	0.1	Negligible	Negligible	Not significant
8-C-H121	Butler Street, Manchester	12.0	11.9	-0.1	Negligible	Negligible	Not significant
8-C-H122	Blackfriars Road, Salford	13.1	13.2	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H123	Butler Street, Manchester	11.9	11.9	< 0.1	Negligible	Negligible	Not significant
8-C-H124	Butler Street, Manchester	12.2	12.1	-0.1	Negligible	Negligible	Not significant
8-C-H126	Richmond Street, Salford	12.4	12.5	0.1	Negligible	Negligible	Not significant
8-C-H127	Greengate, Salford	12.6	12.7	0.1	Negligible	Negligible	Not significant
8-C-H128	Trinity Way, Manchester	14.0	14.2	0.2	Negligible	Negligible	Not significant
8-C-H129	Mirabel Street, Cheetham Hill	13.0	13.3	0.3	Negligible	Negligible	Not significant
8-C-H130	Leander Close, Eccles, Salford	13.7	13.8	0.1	Negligible	Negligible	Not significant
8-C-H131	Scott Avenue, Eccles, Salford	14.3	14.3	< 0.1	Negligible	Negligible	Not significant
8-C-H132	Bray Avenue, Eccles, Salford	14.2	14.2	< 0.1	Negligible	Negligible	Not significant
8-C-H133	Frederick Road, Salford	13.1	13.2	0.1	Negligible	Negligible	Not significant
8-C-H134	Grange Road, Eccles	13.5	13.5	< 0.1	Negligible	Negligible	Not significant
8-C-H135	Nichols Street, Salford	12.9	12.9	< 0.1	Negligible	Negligible	Not significant
8-C-H136	King William Street, Eccles, Salford	14.5	14.5	< 0.1	Negligible	Negligible	Not significant
8-C-H137	Old Parrin Lane, Eccles, Salford	14.3	14.3	< 0.1	Negligible	Negligible	Not significant
8-C-H138	Trevor Road, Eccles, Salford	14.7	14.7	< 0.1	Negligible	Negligible	Not significant
8-C-H139	Abbott Community School, Sudell Street, Manchester	11.9	11.9	< 0.1	Negligible	Negligible	Not significant
8-C-H140	Brookhill Street, Manchester	12.7	12.6	-0.1	Negligible	Negligible	Not significant
8-C-H143	Grange Road, Eccles	15.4	15.4	< 0.1	Negligible	Negligible	Not significant
8-C-H145	Cheetham Hill, Manchester	13.1	13.1	< 0.1	Negligible	Negligible	Not significant
8-C-H146	Fredrick Road, Salford	12.2	12.3	0.1	Negligible	Negligible	Not significant
8-C-H147	Seaford Road, Salford	13.1	13.1	< 0.1	Negligible	Negligible	Not significant
8-C-H148	Hulme Hall Lane, Manchester	13.5	13.5	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H149	Farm Lane, Worsley	17.5	17.7	0.2	Negligible	Negligible	Not significant
8-C-H151	St. Chads Roman Catholic Primary School, Balmfield Street, Manchester	12.2	12.2	< 0.1	Negligible	Negligible	Not significant
8-C-H152	Queens Road, Manchester	13.0	13.0	< 0.1	Negligible	Negligible	Not significant
8-C-H153	Cheetham Hill Road, Manchester	12.8	12.8	< 0.1	Negligible	Negligible	Not significant
8-C-H154	Smedley Street, Manchester	12.7	12.6	-0.1	Negligible	Negligible	Not significant
8-C-H155	Tazbiyah Nurseries, Smedley Lane, Manchester	12.2	12.2	< 0.1	Negligible	Negligible	Not significant
8-C-H156	St. Marks Church of England Primary School, Aviary Road, Worsley, Manchester	13.6	13.7	0.1	Negligible	Negligible	Not significant
8-C-H157	Cheetham Hill Road, Manchester	12.5	12.5	< 0.1	Negligible	Negligible	Not significant
8-C-H158	Shirley Road, Manchester	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-C-H159	Cheetham Hill Road, Manchester	12.6	12.6	< 0.1	Negligible	Negligible	Not significant
8-C-H161	Hawthorne Drive, Worsley	14.4	14.4	< 0.1	Negligible	Negligible	Not significant
8-C-H162	Manthorpe Avenue, Manchester	14.9	15.0	0.1	Negligible	Negligible	Not significant
8-C-H166	Wardley Hall, Wardley Hall Road, Worsley	13.6	13.6	< 0.1	Negligible	Negligible	Not significant
8-C-H167	Manchester Road, Wardley, Swinton	13.7	13.7	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H168	Manchester Road, Wardley, Swinton	14.3	14.3	< 0.1	Negligible	Negligible	Not significant
8-C-H169	Sindley Road, Wardley, Swinton	13.1	13.1	< 0.1	Negligible	Negligible	Not significant
8-C-H170	Clifton Primary School, Wroe Street, Clifton	12.7	12.7	< 0.1	Negligible	Negligible	Not significant
8-C-H171	Manchester Road, Manchester	14.0	14.1	0.1	Negligible	Negligible	Not significant
8-C-H172	Manchester Road, Newton	16.0	16.1	0.1	Negligible	Negligible	Not significant
8-C-H174	Sidley Avenue, Charlestown	12.8	12.8	< 0.1	Negligible	Negligible	Not significant
8-C-H175	Philips Park Road, Whitefield	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-C-H176	Mossway, Middleton	14.3	14.4	0.1	Negligible	Negligible	Not significant
8-C-H177	Philips Park, Whitefield	13.0	13.0	< 0.1	Negligible	Negligible	Not significant
8-C-H178	Nutbank Lane, Manchester	13.9	13.9	< 0.1	Negligible	Negligible	Not significant
8-C-H179	Charnwood Road, Manchester	13.8	13.8	< 0.1	Negligible	Negligible	Not significant
8-C-H180	Prestwick Hospital, Sedgley Avenue, Prestwich	13.5	13.5	< 0.1	Negligible	Negligible	Not significant
8-C-H181	Sedgley Avenue, Prestwich	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-C-H182	Glenmere Close, Prestwich	14.7	14.7	< 0.1	Negligible	Negligible	Not significant
8-C-H183	Philips Park Road East, Prestwich	15.4	15.5	0.1	Negligible	Negligible	Not significant
8-C-H184	Our Lady of Grace Roman Catholic Primary School, Willow Road, Prestwich	13.9	13.9	< 0.1	Negligible	Negligible	Not significant
8-C-H185	Stanley Avenue North, Prestwich	14.8	14.9	0.1	Negligible	Negligible	Not significant
8-C-H186	Hardmans Road, Prestwich	16.1	16.1	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H187	Lark Hill, Boothroyden Road	13.2	13.2	< 0.1	Negligible	Negligible	Not significant
8-C-H188	Bonny Brow Street, Middleton	12.1	12.1	< 0.1	Negligible	Negligible	Not significant
8-C-H189	Warwick Avenue, Whitefield	15.4	15.5	0.1	Negligible	Negligible	Not significant
8-C-H190	Kensington Street, Whitefield	17.8	17.9	0.1	Negligible	Negligible	Not significant
8-C-H191	St Margaret's Church of England Primary School, Heywood Road, Prestwich	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-C-H192	Egypt Lane, Prestwich	13.4	13.4	< 0.1	Negligible	Negligible	Not significant
8-C-H193	Egypt Lane, Prestwich	13.8	13.8	< 0.1	Negligible	Negligible	Not significant
8-C-H194	Whittle Lane, Heywood	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-C-H195	Lodge View, Heywood	13.9	13.9	< 0.1	Negligible	Negligible	Not significant
8-C-H196	Manchester Road, Manchester	15.1	15.1	< 0.1	Negligible	Negligible	Not significant
8-C-H197	Meadowview Care Home, Manchester Road, Manchester	12.8	12.8	< 0.1	Negligible	Negligible	Not significant
8-C-H198	Manchester Road, Rochdale	15.4	15.4	< 0.1	Negligible	Negligible	Not significant
8-C-H199	Trows Lane, Rochdale	15.3	15.4	0.1	Negligible	Negligible	Not significant
8-C-H200**	James Chadwick building, University of Manchester, Booth Street, Manchester	12.3	12.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H201**	Brunswick Street Manchester	13.8	13.7	-0.1	Negligible	Not applicable	Not significant
8-C-H209**	Odd Fellows Hall, Grosvenor Street, Manchester	14.6	14.7	0.1	Negligible	Not applicable	Not significant
8-C-H210**	Odd Fellows Hall, Grosvenor Street, Manchester	14.3	14.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H214**	Cambridge Street, Manchester	14.4	14.5	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H223**	Manchester Institute of Biotechnology, Princess Street, Manchester	15.8	15.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H224**	Lower Ormond Street, Manchester	14.3	14.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H225**	Manchester Institute of Biotechnology, Princess Street, Manchester	15.2	15.1	-0.1	Negligible	Not applicable	Not significant
8-C-H230**	Charles Street, Manchester	15.5	15.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H231**	Sackville Street, Manchester	14.6	14.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H232**	Whitworth Street West, Manchester	14.8	14.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H233**	Great Bridgewater Street, Manchester	14.3	14.4	0.1	Negligible	Not applicable	Not significant
8-C-H234**	Cotton Mill, Samuel Ogden Street, Manchester	15.1	15.0	-0.1	Negligible	Not applicable	Not significant
8-C-H235**	Miranda Court, Asgard Drive, Salford	14.4	14.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H238**	Olivia Court, Asgard Drive, Salford	13.9	13.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H240**	London Road, Manchester	14.7	14.6	-0.1	Negligible	Not applicable	Not significant
8-C-H241**	Wilburn Basin, Ordsall Lane, Salford	13.3	13.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H242**	St. John Street, Manchester	13.7	13.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H244**	Goodiers Drive, Salford	12.8	12.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H249**	Chapelton Street, Manchester	12.6	12.6	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H252**	Nicholas Street, Manchester	14.0	14.1	0.1	Negligible	Not applicable	Not significant
8-C-H253**	Store Street, Manchester	13.6	13.5	-0.1	Negligible	Not applicable	Not significant
8-C-H254**	Ring Road, Manchester	12.6	12.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H259**	Booth Street, Manchester	13.6	13.7	0.1	Negligible	Not applicable	Not significant
8-C-H265**	Cross Street, Manchester	14.1	14.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H266**	Booth Street, Manchester	12.6	12.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H268**	Booth Street, Manchester	12.6	12.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H270**	Screen and Film School Manchester, New Quay Street, Manchester	14.3	14.4	0.1	Negligible	Not applicable	Not significant
8-C-H274**	Deansgate, Manchester	13.8	13.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H275**	Malta Street, Manchester	12.4	12.2	-0.2	Negligible	Not applicable	Not significant
8-C-H277**	128911/FO/2020 - Laystall Street Manchester	13.3	13.2	-0.1	Negligible	Not applicable	Not significant
8-C-H278**	Newton Street, Manchester	13.0	13.4	0.4	Negligible	Not applicable	Not significant
8-C-H280**	Buckingham Street, Salford	15.0	15.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H283**	Munday Street, Manchester	12.0	11.9	-0.1	Negligible	Not applicable	Not significant
8-C-H285**	Gurney Street, Manchester	12.3	12.4	0.1	Negligible	Not applicable	Not significant
8-C-H288**	Hilton Street, Manchester	13.2	13.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H289**	Lever Street, Manchester	13.8	13.9	0.1	Negligible	Not applicable	Not significant
8-C-H292**	Hilton Street, Manchester	13.4	13.5	0.1	Negligible	Not applicable	Not significant
8-C-H296**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	12.4	12.3	-0.1	Negligible	Not applicable	Not significant
8-C-H297**	Gore Street, Manchester	14.6	14.8	0.2	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H298**	Flok, Stevenson Square, Manchester	13.5	13.6	0.1	Negligible	Not applicable	Not significant
8-C-H299**	St. Lukes C Of E Primary School, Leopold Street, Salford	13.6	13.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H300**	Smithfield Buildings, Tib Street, Manchester	13.8	13.9	0.1	Negligible	Not applicable	Not significant
8-C-H303**	Christabel Walk, Salford	15.2	15.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H304**	Trenam Place, Salford	13.9	13.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H309**	Church Street, Manchester	14.5	14.7	0.2	Negligible	Not applicable	Not significant
8-C-H310**	Newton Street, Manchester	13.8	14.0	0.2	Negligible	Not applicable	Not significant
8-C-H311**	Thomas Street, Manchester	13.6	13.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H313**	Chapel Street, Salford	14.7	14.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H317**	Chapel Street, Salford	13.7	13.8	0.1	Negligible	Not applicable	Not significant
8-C-H320**	Chapel Street, Salford	12.9	12.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H322**	Birch Leaf Grove, Salford	14.7	14.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H329**	Greater Manchester Mental Health, Stott Lane, Salford	14.9	15.0	0.1	Negligible	Not applicable	Not significant
8-C-H341**	Corporation Street, Manchester	14.0	13.9	-0.1	Negligible	Not applicable	Not significant
8-C-H345**	Aspin Lane, Manchester	13.9	13.8	-0.1	Negligible	Not applicable	Not significant
8-C-H346**	Cannon Street, Salford	11.9	12.0	0.1	Negligible	Not applicable	Not significant
8-C-H347**	Angora Drive, Salford	12.2	12.3	0.1	Negligible	Not applicable	Not significant
8-C-H350**	Variety Street, Manchester	11.9	11.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H351**	The Unicorn Nursery, Lower Broughton Road Salford	11.7	11.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H353**	Broughton Road, Manchester	14.2	14.2	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H354**	Dragonfly Close, Salford	12.4	12.5	0.1	Negligible	Not applicable	Not significant
8-C-H355**	Wheater's Street, Salford	12.1	12.2	0.1	Negligible	Not applicable	Not significant
8-C-H356**	Rochdale Road, Manchester	12.4	12.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H357**	Children's nursery, Great Clowes Street, Salford	12.3	12.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H358**	Lower Broughton Road, Salford	11.8	11.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H359**	River View Primary School, Lower Broughton Road, Salford (edge of grounds)	12.2	12.3	0.1	Negligible	Not applicable	Not significant
8-C-H360**	River View Primary School, Lower Broughton Road, Salford	11.7	11.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H361**	Droitwich Road, Manchester	12.3	12.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H362**	Oldham Road, Manchester	13.3	13.4	0.1	Negligible	Not applicable	Not significant
8-C-H363**	Bury New Road, Manchester	13.4	13.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H364**	Cheetwood Primary School, Waterloo Road, Manchester	12.4	12.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H366**	Arrow Street, Salford	12.2	12.4	0.2	Negligible	Not applicable	Not significant
8-C-H368**	Grimshaw Lane, Manchester	12.8	12.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H369**	Beckford Street, Manchester	12.5	12.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H370**	Ramsgate Street Salford	12.3	12.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H371**	Great Clowes Street, Salford	13.1	13.2	0.1	Negligible	Not applicable	Not significant
8-C-H372**	Lower Broughton Road, Salford	12.8	12.9	0.1	Negligible	Not applicable	Not significant
8-C-H373**	Lower Broughton Road, Salford	12.7	12.8	0.1	Negligible	Not applicable	Not significant
8-C-H374**	Bugle Close, Salford	13.2	13.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H375**	Lower Broughton Road, Salford	13.3	13.4	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H376**	Elizabeth Street, Manchester	13.1	13.3	0.2	Negligible	Not applicable	Not significant
8-C-H378**	Overcombe Walk, Manchester	12.9	12.8	-0.1	Negligible	Not applicable	Not significant
8-C-H380**	Waterloo Road, Manchester	13.0	13.1	0.1	Negligible	Not applicable	Not significant
8-C-H381**	Great Clowes Street, Salford	13.5	13.4	-0.1	Negligible	Not applicable	Not significant
8-C-H382**	Waterloo Road, Manchester	13.1	13.2	0.1	Negligible	Not applicable	Not significant
8-C-H383**	Elizabeth Street, Manchester	13.5	13.6	0.1	Negligible	Not applicable	Not significant
8-C-H384**	Great Cheetham Street, West Salford	12.9	12.8	-0.1	Negligible	Not applicable	Not significant
8-C-H385**	Elizabeth Street, Manchester	13.3	13.5	0.2	Negligible	Not applicable	Not significant
8-C-H386**	Keyhaven Walk, Manchester	12.9	12.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H387**	Keyhaven Walk, Manchester	12.9	12.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H388**	Malimson Bourne, Hilton Street North, Salford	13.4	13.3	-0.1	Negligible	Not applicable	Not significant
8-C-H389**	Great Cheetham Street, East Salford	13.5	13.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H391**	Queens Road, Manchester	14.7	14.8	0.1	Negligible	Not applicable	Not significant
8-C-H392**	St Boniface RC Primary School, Yew Street, Salford	12.2	12.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H393**	St Boniface RC Primary School, Yew Street, Salford (edge of grounds)	12.6	12.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H395**	Worsley Road, Manchester	13.6	13.7	0.1	Negligible	Not applicable	Not significant
8-C-H398**	Chorley Road, Manchester	13.3	13.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H399**	Bury New Road, Salford	12.1	12.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H400**	Moor Lane, Salford	11.3	11.4	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Note: ** Indicates that receptor is new to the SES2 and A2P ES.

Table 10: Predicted annual mean PM_{2.5} concentrations and impacts (construction phase)

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H002	Grafton Street, Manchester	8.7	8.6	-0.1	Negligible	Negligible	Not significant
8-C-H003	Grafton Street, Manchester	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H005	Schuster Building, Manchester University, Upper Brook Street, Manchester	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-C-H007	Polygon Street, Manchester	9.0	9.1	0.1	Negligible	Negligible	Not significant
8-C-H008	Conmre Square, Manchester	9.3	9.3	< 0.1	Negligible	Negligible	Not significant
8-C-H009	Rockdove Avenue, Manchester	9.0	9.0	< 0.1	Negligible	Negligible	Not significant
8-C-H010	Medlock Primary School, Ardwick Green South, Manchester	8.2	8.3	0.1	Negligible	Negligible	Not significant
8-C-H011	Chester Street, Manchester	10.1	10.1	< 0.1	Negligible	Negligible	Not significant
8-C-H012	Manchester University, Grosvenor Street, Manchester	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H013	Jackson Crescent, Manchester	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-C-H014	Jackson Crescent, Manchester	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H015	Medlock Primary School, Ardwick Green South, Manchester	8.2	8.3	0.1	Negligible	Negligible	Not significant
8-C-H016	River Street, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H017	Manchester Metropolitan University, Grosvenor Square, Manchester	9.3	9.3	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H018	Beattock Close, Manchester	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-C-H019	Manchester Metropolitan University, Ormond Building, Lower Ormond Street, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H020	Manchester Metropolitan University, Oxford Road, Manchester	9.6	9.6	< 0.1	Negligible	Negligible	Not significant
8-C-H021	Grosvenor Street, Manchester	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H022	Ardwick Green South, Manchester	8.7	9.0	0.3	Negligible	Negligible	Not significant
8-C-H023	Higher Ardwick, Manchester	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-C-H024	Higher Ardwick, Manchester	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H025	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester	9.9	9.9	< 0.1	Negligible	Negligible	Not significant
8-C-H026	Higher Ardwick, Manchester	8.5	8.6	0.1	Negligible	Negligible	Not significant
8-C-H027	Union Street, Ardwick, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-C-H028	Downing Street, Manchester	9.7	10.0	0.3	Negligible	Negligible	Not significant
8-C-H029	Lockton Close, Manchester	9.2	9.3	0.1	Negligible	Negligible	Not significant
8-C-H030	Cotter Street, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-C-H031	Blantyre Street, Manchester	9.8	9.8	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H032	The University of Manchester, Ferranti Building, Sackville Street, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H033	The University of Manchester, Ferranti Building, Sackville Street, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H034	Berry Street, Manchester	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H035	Wilfred Road, Manchester	9.4	9.4	< 0.1	Negligible	Negligible	Not significant
8-C-H036	Regent Road, Manchester	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-C-H037	Laburnum Avenue, Manchester	9.4	9.4	< 0.1	Negligible	Negligible	Not significant
8-C-H038	Fairfield Street, Manchester	9.0	9.1	0.1	Negligible	Negligible	Not significant
8-C-H039	The University of Manchester, Sackville Street, Manchester	9.3	9.2	-0.1	Negligible	Negligible	Not significant
8-C-H040	London Road, Manchester	9.4	9.4	< 0.1	Negligible	Negligible	Not significant
8-C-H041	Whitworth Street, Manchester	9.4	9.3	-0.1	Negligible	Negligible	Not significant
8-C-H042	Liverpool Road, Manchester	9.6	9.6	< 0.1	Negligible	Negligible	Not significant
8-C-H043	Liverpool Road, Eccles	9.9	9.9	< 0.1	Negligible	Negligible	Not significant
8-C-H044	Portland Street, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H045	Piccadilly Place, Manchester	9.0	8.9	-0.1	Negligible	Negligible	Not significant
8-C-H046	Bloom Street, Manchester	9.0	8.9	-0.1	Negligible	Negligible	Not significant
8-C-H047	Ancoats Grove, Manchester	8.1	8.1	< 0.1	Negligible	Negligible	Not significant
8-C-H048	Ancoats Grove, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H049	Every Street, Manchester	9.6	9.8	0.2	Negligible	Negligible	Not significant
8-C-H050	Chapelton Street, Manchester	8.7	8.8	0.1	Negligible	Negligible	Not significant
8-C-H051	Portland Street, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H052	Chapelton Street, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H053	Chapelton Street, Manchester	7.9	7.9	< 0.1	Negligible	Negligible	Not significant
8-C-H054	Every Street, Manchester	8.3	8.4	0.1	Negligible	Negligible	Not significant
8-C-H055	Every Street, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-C-H056	Great Ancoats Street, Manchester	8.6	8.5	-0.1	Negligible	Negligible	Not significant
8-C-H057	Ducie Street, Manchester	8.6	8.7	0.1	Negligible	Negligible	Not significant
8-C-H058	Wharf Close, Manchester	8.7	8.6	-0.1	Negligible	Negligible	Not significant
8-C-H059	Chapelton Street, Manchester	8.8	8.7	-0.1	Negligible	Negligible	Not significant
8-C-H060	Every Street, Manchester	8.0	8.0	< 0.1	Negligible	Negligible	Not significant
8-C-H061	Pollard Street, Manchester	8.4	8.2	-0.2	Negligible	Negligible	Not significant
8-C-H062	Piccadilly, Manchester	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-C-H063	Paton Street, Manchester	8.4	8.6	0.2	Negligible	Negligible	Not significant
8-C-H064	Ducie Street, Manchester	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H065	Dale Street, Manchester	8.5	8.6	0.1	Negligible	Negligible	Not significant
8-C-H066	Tariff Street, Manchester	8.7	8.6	-0.1	Negligible	Negligible	Not significant
8-C-H067	Store Street, Manchester	9.0	8.8	-0.2	Negligible	Negligible	Not significant
8-C-H068	Store Street, Manchester	8.6	8.5	-0.1	Negligible	Negligible	Not significant
8-C-H069	Ducie Street, Manchester	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-C-H070	Old Mill Street, Manchester	9.1	9.0	-0.1	Negligible	Negligible	Not significant
8-C-H071	Blisworth Close, Manchester	8.1	8.1	< 0.1	Negligible	Negligible	Not significant
8-C-H072	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	7.9	7.9	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H073	Old Mill Street, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H074	Little Learning Ladder Nursery, Lampwick Lane, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-C-H075	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	7.9	7.9	< 0.1	Negligible	Negligible	Not significant
8-C-H076	Tiddlywinks Day Nursery, Taunton Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-C-H077	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	7.9	7.9	< 0.1	Negligible	Negligible	Not significant
8-C-H078	Old Mill Street, Manchester	8.1	8.1	< 0.1	Negligible	Negligible	Not significant
8-C-H079	Munday Street, Manchester	8.0	8.0	< 0.1	Negligible	Negligible	Not significant
8-C-H080	Hackleton Close, Manchester	7.9	7.9	< 0.1	Negligible	Negligible	Not significant
8-C-H081	Towcester Close, Manchester	8.0	8.0	< 0.1	Negligible	Negligible	Not significant
8-C-H082	Pollard Street, Manchester	8.0	8.0	< 0.1	Negligible	Negligible	Not significant
8-C-H083	Houldsworth Street, Manchester	8.7	8.8	0.1	Negligible	Negligible	Not significant
8-C-H084	Tavery Close, Manchester	8.6	8.5	-0.1	Negligible	Negligible	Not significant
8-C-H085	Pickford Street, Ancoats	9.2	9.3	0.1	Negligible	Negligible	Not significant
8-C-H086	A6 Crescent, Salford	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-C-H087	Gore Street, Manchester	9.1	9.2	0.1	Negligible	Negligible	Not significant
8-C-H088	Chapel Street, Salford	9.0	9.1	0.1	Negligible	Negligible	Not significant
8-C-H089	Chapel Street, Salford	9.0	9.0	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H090	Salford Royal NHS Foundation Trust, A6 Crescent, Salford	8.9	8.9	< 0.1	Negligible	Negligible	Not significant
8-C-H091	Old Mill Street, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H092	Chapel Street, Salford	9.3	9.4	0.1	Negligible	Negligible	Not significant
8-C-H093	Ancoats, Manchester	8.8	8.8	< 0.1	Negligible	Negligible	Not significant
8-C-H094	St. Mary Street, Salford	9.1	9.2	0.1	Negligible	Negligible	Not significant
8-C-H095	Old Mill Street, Manchester	8.1	8.0	-0.1	Negligible	Negligible	Not significant
8-C-H097	Great Ancoats Street, Manchester	8.8	8.8	< 0.1	Negligible	Negligible	Not significant
8-C-H098	Chapel Street, Salford	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H101	Oldham Road, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H102	Ring Road, Manchester	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H104	Bevill Square, Salford	8.5	8.6	0.1	Negligible	Negligible	Not significant
8-C-H105	Addington Street, Manchester	8.8	8.7	-0.1	Negligible	Negligible	Not significant
8-C-H106	Oldham Road, Manchester	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-C-H107	Oldham Road, Manchester	8.9	8.9	< 0.1	Negligible	Negligible	Not significant
8-C-H108	Bradford Road, Manchester	8.2	8.1	-0.1	Negligible	Negligible	Not significant
8-C-H109	Vernon Avenue, Eccles, Salford	8.9	8.9	< 0.1	Negligible	Negligible	Not significant
8-C-H110	Bradford Road, Manchester	8.3	8.4	0.1	Negligible	Negligible	Not significant
8-C-H111	Cranfield Close, Manchester	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-C-H112	Swan Street, Manchester	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-C-H113	Albert Road, Eccles, Salford	9.6	9.6	< 0.1	Negligible	Negligible	Not significant
8-C-H114	Blackfriars Road, Salford	8.7	8.8	0.1	Negligible	Negligible	Not significant
8-C-H115	Oldham Road, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H116	Angel Street, Manchester	8.9	8.9	< 0.1	Negligible	Negligible	Not significant
8-C-H117	Trafalgar Road, Salford	9.4	9.4	< 0.1	Negligible	Negligible	Not significant
8-C-H118	Wellington Road, Eccles, Salford	9.7	9.7	< 0.1	Negligible	Negligible	Not significant
8-C-H119	Angel Street, Manchester	9.3	9.3	< 0.1	Negligible	Negligible	Not significant
8-C-H120	Blackfriars Road, Salford	8.5	8.6	0.1	Negligible	Negligible	Not significant
8-C-H121	Butler Street, Manchester	7.9	7.8	-0.1	Negligible	Negligible	Not significant
8-C-H122	Blackfriars Road, Salford	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-C-H123	Butler Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-C-H124	Butler Street, Manchester	8.0	7.9	-0.1	Negligible	Negligible	Not significant
8-C-H126	Richmond Street, Salford	8.0	8.1	0.1	Negligible	Negligible	Not significant
8-C-H127	Greengate, Salford	8.1	8.2	0.1	Negligible	Negligible	Not significant
8-C-H128	Trinity Way, Manchester	8.9	9.0	0.1	Negligible	Negligible	Not significant
8-C-H129	Mirabel Street, Cheetham Hill	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-C-H130	Leander Close, Eccles, Salford	9.0	9.0	< 0.1	Negligible	Negligible	Not significant
8-C-H131	Scott Avenue, Eccles, Salford	9.4	9.4	< 0.1	Negligible	Negligible	Not significant
8-C-H132	Bray Avenue, Eccles, Salford	9.2	9.2	< 0.1	Negligible	Negligible	Not significant
8-C-H133	Frederick Road, Salford	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-C-H134	Grange Road, Eccles	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H135	Nichols Street, Salford	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H136	King William Street, Eccles, Salford	9.4	9.4	< 0.1	Negligible	Negligible	Not significant
8-C-H137	Old Parrin Lane, Eccles, Salford	9.2	9.2	< 0.1	Negligible	Negligible	Not significant
8-C-H138	Trevor Road, Eccles, Salford	9.5	9.5	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H139	Abbott Community School, Sudell Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-C-H140	Brookhill Street, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H143	Grange Road, Eccles	9.6	9.7	0.1	Negligible	Negligible	Not significant
8-C-H145	Cheetham Hill, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-C-H146	Fredrick Road, Salford	8.0	8.1	0.1	Negligible	Negligible	Not significant
8-C-H147	Seaford Road, Salford	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H148	Hulme Hall Lane, Manchester	8.7	8.6	-0.1	Negligible	Negligible	Not significant
8-C-H149	Farm Lane, Worsley	11.0	11.1	0.1	Negligible	Negligible	Not significant
8-C-H151	St. Chads Roman Catholic Primary School, Balmfield Street, Manchester	8.1	8.1	< 0.1	Negligible	Negligible	Not significant
8-C-H152	Queens Road, Manchester	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H153	Cheetham Hill Road, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-C-H154	Smedley Street, Manchester	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-C-H155	Tazbiyah Nurseries, Smedley Lane, Manchester	8.1	8.1	< 0.1	Negligible	Negligible	Not significant
8-C-H156	St. Marks Church of England Primary School, Aviary Road, Worsley, Manchester	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-C-H157	Cheetham Hill Road, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H158	Shirley Road, Manchester	8.8	8.8	< 0.1	Negligible	Negligible	Not significant
8-C-H159	Cheetham Hill Road, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H161	Hawthorne Drive, Worsley	9.2	9.2	< 0.1	Negligible	Negligible	Not significant
8-C-H162	Manthorpe Avenue, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H166	Wardley Hall, Wardley Hall Road, Worsley	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-C-H167	Manchester Road, Wardley, Swinton	8.8	8.8	< 0.1	Negligible	Negligible	Not significant
8-C-H168	Manchester Road, Wardley, Swinton	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H169	Sindley Road, Wardley, Swinton	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-C-H170	Clifton Primary School, Wroe Street, Clifton	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H171	Manchester Road, Manchester	9.0	9.0	< 0.1	Negligible	Negligible	Not significant
8-C-H172	Manchester Road, Newton	10.1	10.2	0.1	Negligible	Negligible	Not significant
8-C-H174	Sidley Avenue, Charlestown	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H175	Philips Park Road, Whitefield	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-C-H176	Mossway, Middleton	9.4	9.4	< 0.1	Negligible	Negligible	Not significant
8-C-H177	Philips Park, Whitefield	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-C-H178	Nutbank Lane, Manchester	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H179	Charnwood Road, Manchester	9.0	9.0	< 0.1	Negligible	Negligible	Not significant
8-C-H180	Prestwick Hospital, Sedgley Avenue, Prestwich	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-C-H181	Sedgley Avenue, Prestwich	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-C-H182	Glenmere Close, Prestwich	9.4	9.5	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H183	Philips Park Road East, Prestwich	9.9	10.0	0.1	Negligible	Negligible	Not significant
8-C-H184	Our Lady of Grace Roman Catholic Primary School, Willow Road, Prestwich	9.1	9.1	< 0.1	Negligible	Negligible	Not significant
8-C-H185	Stanley Avenue North, Prestwich	9.7	9.7	< 0.1	Negligible	Negligible	Not significant
8-C-H186	Hardmans Road, Prestwich	10.3	10.3	< 0.1	Negligible	Negligible	Not significant
8-C-H187	Lark Hill, Boothroyden Road	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-C-H188	Bonny Brow Street, Middleton	7.9	7.9	< 0.1	Negligible	Negligible	Not significant
8-C-H189	Warwick Avenue, Whitefield	10.0	10.0	< 0.1	Negligible	Negligible	Not significant
8-C-H190	Kensington Street, Whitefield	11.5	11.6	0.1	Negligible	Negligible	Not significant
8-C-H191	St Margaret's Church of England Primary School, Heywood Road, Prestwich	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-C-H192	Egypt Lane, Prestwich	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-C-H193	Egypt Lane, Prestwich	8.8	8.8	< 0.1	Negligible	Negligible	Not significant
8-C-H194	Whittle Lane, Heywood	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-C-H195	Lodge View, Heywood	8.8	8.8	< 0.1	Negligible	Negligible	Not significant
8-C-H196	Manchester Road, Manchester	9.5	9.5	< 0.1	Negligible	Negligible	Not significant
8-C-H197	Meadowview Care Home, Manchester Road, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-C-H198	Manchester Road, Rochdale	9.7	9.7	< 0.1	Negligible	Negligible	Not significant
8-C-H199	Trows Lane, Rochdale	9.7	9.8	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H200**	James Chadwick building, University of Manchester, Booth Street, Manchester	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H201**	Brunswick Street Manchester	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H209**	Odd Fellows Hall, Grosvenor Street, Manchester	9.1	9.2	0.1	Negligible	Not applicable	Not significant
8-C-H210**	Odd Fellows Hall, Grosvenor Street, Manchester	9.0	9.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H214**	Cambridge Street, Manchester	9.1	9.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H223**	Manchester Institute of Biotechnology, Princess Street, Manchester	9.8	9.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H224**	Lower Ormond Street, Manchester	9.0	9.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H225**	Manchester Institute of Biotechnology, Princess Street, Manchester	9.5	9.4	-0.1	Negligible	Not applicable	Not significant
8-C-H230**	Charles Street, Manchester	9.6	9.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H231**	Sackville Street, Manchester	9.1	9.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H232**	Whitworth Street West, Manchester	9.2	9.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H233**	Great Bridgewater Street, Manchester	9.0	9.1	0.1	Negligible	Not applicable	Not significant
8-C-H234**	Cotton Mill, Samuel Ogden Street, Manchester	9.4	9.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H235**	Miranda Court, Asgard Drive, Salford	9.1	9.1	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H238**	Olivia Court, Asgard Drive, Salford	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H240**	London Road, Manchester	9.2	9.1	-0.1	Negligible	Not applicable	Not significant
8-C-H241**	Wilburn Basin, Ordsall Lane, Salford	8.5	8.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H242**	St. John Street, Manchester	8.7	8.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H244**	Goodiers Drive, Salford	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H249**	Chapelton Street, Manchester	8.2	8.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H252**	Nicholas Street, Manchester	8.9	8.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H253**	Store Street, Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H254**	Ring Road, Manchester	8.1	8.2	0.1	Negligible	Not applicable	Not significant
8-C-H259**	Booth Street, Manchester	8.6	8.7	0.1	Negligible	Not applicable	Not significant
8-C-H265**	Cross Street, Manchester	8.9	8.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H266**	Booth Street, Manchester	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H268**	Booth Street, Manchester	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H270**	Screen and Film School Manchester, New Quay Street, Manchester	9.0	9.1	0.1	Negligible	Not applicable	Not significant
8-C-H274**	Deansgate, Manchester	8.7	8.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H275**	Malta Street, Manchester	8.1	8.0	-0.1	Negligible	Not applicable	Not significant
8-C-H277**	128911/FO/2020 - Laystall Street Manchester	8.5	8.4	-0.1	Negligible	Not applicable	Not significant
8-C-H278**	Newton Street, Manchester	8.3	8.5	0.2	Negligible	Not applicable	Not significant
8-C-H280**	Buckingham Street, Salford	9.9	9.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H283**	Munday Street, Manchester	7.9	7.8	-0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H285**	Gurney Street, Manchester	8.0	8.1	0.1	Negligible	Not applicable	Not significant
8-C-H288**	Hilton Street, Manchester	8.4	8.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H289**	Lever Street, Manchester	8.7	8.8	0.1	Negligible	Not applicable	Not significant
8-C-H292**	Hilton Street, Manchester	8.5	8.6	0.1	Negligible	Not applicable	Not significant
8-C-H296**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	8.1	8.0	-0.1	Negligible	Not applicable	Not significant
8-C-H297**	Gore Street, Manchester	9.2	9.3	0.1	Negligible	Not applicable	Not significant
8-C-H298**	Flok, Stevenson Square, Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H299**	St. Lukes C Of E Primary School, Leopold Street, Salford	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H300**	Smithfield Buildings, Tib Street, Manchester	8.7	8.8	0.1	Negligible	Not applicable	Not significant
8-C-H303**	Christabel Walk, Salford	10.0	10.1	0.1	Negligible	Not applicable	Not significant
8-C-H304**	Trenam Place, Salford	8.9	9.0	0.1	Negligible	Not applicable	Not significant
8-C-H309**	Church Street, Manchester	9.1	9.2	0.1	Negligible	Not applicable	Not significant
8-C-H310**	Newton Street, Manchester	8.7	8.9	0.2	Negligible	Not applicable	Not significant
8-C-H311**	Thomas Street, Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H313**	Chapel Street, Salford	9.3	9.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H317**	Chapel Street, Salford	8.7	8.8	0.1	Negligible	Not applicable	Not significant
8-C-H320**	Chapel Street, Salford	8.2	8.3	0.1	Negligible	Not applicable	Not significant
8-C-H322**	Birch Leaf Grove, Salford	9.5	9.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H329**	Greater Manchester Mental Health, Stott Lane, Salford	9.5	9.5	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H341**	Corporation Street, Manchester	8.9	8.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H345**	Aspin Lane, Manchester	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H346**	Cannon Street, Salford	7.9	7.9	< 0.1	Negligible	Not applicable	Not significant
8-C-H347**	Angora Drive, Salford	8.0	8.1	0.1	Negligible	Not applicable	Not significant
8-C-H350**	Variety Street, Manchester	7.8	7.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H351**	The Unicorn Nursery, Lower Broughton Road Salford	7.7	7.8	0.1	Negligible	Not applicable	Not significant
8-C-H353**	Broughton Road, Manchester	9.2	9.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H354**	Dragonfly Close, Salford	8.1	8.2	0.1	Negligible	Not applicable	Not significant
8-C-H355**	Wheater's Street, Salford	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H356**	Rochdale Road, Manchester	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H357**	Children's nursery, Great Clowes Street, Salford	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H358**	Lower Broughton Road, Salford	7.8	7.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H359**	River View Primary School, Lower Broughton Road, Salford (edge of grounds)	8.0	8.1	0.1	Negligible	Not applicable	Not significant
8-C-H360**	River View Primary School, Lower Broughton Road, Salford	7.7	7.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H361**	Droitwich Road, Manchester	8.0	8.1	0.1	Negligible	Not applicable	Not significant
8-C-H362**	Oldham Road, Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H363**	Bury New Road, Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H364**	Cheetwood Primary School, Waterloo Road, Manchester	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H366**	Arrow Street, Salford	8.0	8.1	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H368**	Grimshaw Lane, Manchester	8.4	8.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H369**	Beckford Street, Manchester	8.2	8.2	< 0.1	Negligible	Not applicable	Not significant
8-C-H370**	Ramsgate Street Salford	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H371**	Great Clowes Street, Salford	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H372**	Lower Broughton Road, Salford	8.5	8.5	< 0.1	Negligible	Not applicable	Not significant
8-C-H373**	Lower Broughton Road, Salford	8.4	8.4	< 0.1	Negligible	Not applicable	Not significant
8-C-H374**	Bugle Close, Salford	8.7	8.7	< 0.1	Negligible	Not applicable	Not significant
8-C-H375**	Lower Broughton Road, Salford	8.7	8.8	0.1	Negligible	Not applicable	Not significant
8-C-H376**	Elizabeth Street, Manchester	8.6	8.7	0.1	Negligible	Not applicable	Not significant
8-C-H378**	Overcombe Walk, Manchester	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H380**	Waterloo Road, Manchester	8.5	8.6	0.1	Negligible	Not applicable	Not significant
8-C-H381**	Great Clowes Street, Salford	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H382**	Waterloo Road, Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-C-H383**	Elizabeth Street, Manchester	8.8	8.9	0.1	Negligible	Not applicable	Not significant
8-C-H384**	Great Cheetham Street, West Salford	8.5	8.4	-0.1	Negligible	Not applicable	Not significant
8-C-H385**	Elizabeth Street, Manchester	8.7	8.8	0.1	Negligible	Not applicable	Not significant
8-C-H386**	Keyhaven Walk, Manchester	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H387**	Keyhaven Walk, Manchester	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H388**	Malimson Bourne, Hilton Street North, Salford	8.8	8.7	-0.1	Negligible	Not applicable	Not significant
8-C-H389**	Great Cheetham Street, East Salford	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H391**	Queens Road, Manchester	9.4	9.4	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES	Significance
		2026 without the AP2 revised scheme	2026 with the AP2 revised scheme				
8-C-H392**	St Boniface RC Primary School, Yew Street, Salford	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-C-H393**	St Boniface RC Primary School, Yew Street, Salford (edge of grounds)	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-C-H395**	Worsley Road, Manchester	9.0	9.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H398**	Chorley Road, Manchester	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-C-H399**	Bury New Road, Salford	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-C-H400**	Moor Lane, Salford	7.7	7.7	< 0.1	Negligible	Not applicable	Not significant

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

Table 11: Predicted annual mean of NOx concentrations at ecological sites (construction phase)

Ecological site	Sensitive habitat	Distance to road (m)	NOx concentrations (µg/m ³)		Change in NOx concentrations (µg/m ³)	Comparison against air quality standard (30µg/m ³)	Percent change in relation to air quality standard
			2026 without the AP2 revised scheme	2026 with the AP2 revised scheme			
Rochdale Canal SSSI and SAC: M62 Junction 19 to 20 (31_1)	Fen, marsh and swamp	36	28.3	28.5	0.2	Within standard	0.7%
Rochdale Canal SSSI and SAC: M62 Junction 19 to 20 (34_1)	Fen, marsh and swamp	44	21.4	21.5	0.1	Within standard	0.3%

Table 12: Predicted annual mean of ammonia (NH₃) concentrations at ecological sites (construction phase)

Ecological site	Sensitive habitat	Distance to road (m)	NH ₃ concentrations (µg/m ³)		Change in NH ₃ concentrations (µg/m ³)	Comparison against critical level (1µg/m ³ for low and 3µg/m ³ high vegetation)	Percent change in relation to critical level
			2026 without the AP2 revised scheme	2026 with the AP2 revised scheme			
Rochdale Canal SSSI and SAC: M62 Junction 19 to 20 (31_1)	Fen, marsh and swamp	36	3.4	3.4	< 0.1	Above standard	0.5%

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Ecological site	Sensitive habitat	Distance to road (m)	NH ₃ concentrations (µg/m ³)		Change in NH ₃ concentrations (µg/m ³)	Comparison against critical level (1µg/m ³ for low and 3µg/m ³ high vegetation)	Percent change in relation to critical level
			2026 without the AP2 revised scheme	2026 with the AP2 revised scheme			
Rochdale Canal SSSI and SAC: M62 Junction 19 to 20 (34_1)	Fen, marsh and swamp	44	2.9	2.9	< 0.1	Within standard	0.2%

Table 13: Assessment of N deposition with ammonia at ecological sites (construction phase)

Ecological Site	Sensitive habitat	Distance to road (m)	Dry deposition (kg N/ha/yr)		Change in N deposition (kg N/ha/yr)	Lower Critical Load (kg N/ha/yr)	Percent change in relation to lower critical load
			2026 without the AP2 revised scheme	2026 with the AP2 revised scheme			
Rochdale Canal SSSI and SAC: M62 Junction 19 to 20 (31_1)	Fen, marsh and swamp	36	31.8	31.9	0.1	3	3.0%
Rochdale Canal SSSI and SAC: M62 Junction 19 to 20 (34_1)	Fen, marsh and swamp	44	28.5	28.6	0.1	3	1.4%

- 4.3.10 NO₂ annual mean concentrations are predicted to be above the air quality standard at one modelled human receptor (8-C-H011), with and without construction of the AP2 revised scheme. The annual mean NO₂ concentrations are predicted to be within the air quality standards during construction of the AP2 revised scheme at all other modelled human receptors. Annual mean PM₁₀ and PM_{2.5} concentrations are predicted to be within the air quality standards during construction of the AP2 revised scheme.
- 4.3.11 Since the annual mean NO₂ concentrations are predicted to be well below 60µg/m³, the hourly mean standard is also expected to be met. Similarly, since the annual mean PM₁₀ concentrations are predicted to be below 35µg/m³, the daily mean standard is also expected to be met.
- 4.3.12 Moderate adverse impacts for annual mean NO₂ are predicted at one human receptor located on Downing Street, Manchester. Negligible or slight impacts are predicted at all other human receptors for annual mean NO₂. Negligible impacts are predicted at all human receptors in the area for annual mean PM₁₀ and PM_{2.5} concentrations.
- 4.3.13 NO_x concentrations at Rochdale Canal SSSI and SAC are predicted to be within the air quality standard, both without and with the AP2 revised scheme, and the changes in NO_x concentrations are less than 1% of the air quality standard.
- 4.3.14 NH₃ concentrations at Rochdale Canal SSSI and SAC are predicted to be above the relevant critical level, both without and with the AP2 revised scheme, and the changes in NH₃ concentrations are less than 1% of the air quality critical level.
- 4.3.15 The change in nitrogen deposition due to the AP2 revised scheme is predicted to be greater than 1% of the lower critical load at 36m and 44m from the road for this site.

Assessment of significance

- 4.3.16 No significant effects are anticipated at any human receptors in relation to annual mean PM₁₀ or PM_{2.5} concentrations.
- 4.3.17 Compared to the main ES, a significant adverse effect on annual mean NO₂ concentrations at one modelled human receptor (8-C-H028) is introduced due to the AP2 revised scheme. Two significant adverse effects (8-C-H149 and 8-C-H050) and one significant beneficial effect (8-C-H011) for annual mean NO₂ concentrations as reported in the main ES have now been removed due to the AP2 revised scheme. No new or different significant effects are anticipated at other human receptors in the area.
- 4.3.18 Since the change in NO_x concentrations is predicted to be less than 1% of the air quality standard, no significant effects are predicted at Rochdale Canal SSSI and SAC due to NO_x concentrations.
- 4.3.19 Since the change in NH₃ concentrations are predicted to be less than 1% of the air quality critical level, no significant effects are predicted to occur at Rochdale Canal SSSI and SAC due to NH₃ concentrations.

- 4.3.20 Since the change in nitrogen deposition is predicted to be greater than 1% of the lower critical load, there is the potential for significant effects to occur at Rochdale Canal SSSI and SAC at 36m and 44m from the road due to nitrogen deposition.
- 4.3.21 There is the potential for new and different significant effects from the construction of the AP2 revised scheme compared to the main ES for Rochdale Canal SSSI and SAC for nitrogen deposition.

4.4 Assessment of operational traffic emissions

Operational traffic model

- 4.4.1 For the assessment of traffic on the highway network, data for the year 2039 were used as the operational year of the AP2 revised scheme.

Screening of traffic data

- 4.4.2 The screening process identified 278 roads in the Manchester Piccadilly (MA08) community area exceeding the thresholds for changes in AADT or daily HDV flows and/or changes in road alignment by 5m or more. These roads include:
- A6 Ardwick Green South/ Chapel Street/ Downing Street/ London Road;
 - A34 Brook Street/ Upper Brook Street;
 - A56 Great Ducie Street;
 - A57 Hyde Road;
 - A62 Oldham Road;
 - A576 Great Cheetham Street West;
 - A635 Ashton Old Road/ Mancunian Way;
 - A664 Rochdale Road;
 - A665 Cheetham Hill Road;
 - A6010 Hulme Hall Lane; and
 - A6042 Trinity Way.
- 4.4.3 Further roads have been included in the assessment to account for their emissions at nearby receptors.

Receptors assessed and background concentrations

- 4.4.4 Details of the assessed receptors and the background concentrations used in the assessment remain as reported within the main ES, Volume 5, Appendix: AQ-001-0MA08. There were 19 human receptors modelled in the main ES that have not been modelled as

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

part of the AP2 revised scheme and 80 receptors have been added due to changes in the study area. Details of the assessed human receptors and the background concentrations used in the assessment are shown in Table 14. The location of all receptors is shown in the accompanying SES2 and AP2 ES Volume 5, Air quality Map Book: Map Series AQ-01 – Air Quality Monitoring Locations and Receptors.

4.4.5 There are no designated ecological sites within 200m of the screened in roads within the Manchester Piccadilly (MA08) community area of the AP2 revised scheme.

Table 14: Modelled human receptors and background concentrations (operational phase)

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H001	Polygon Street, Manchester	385294, 397054	23.9	16.8	12.2	7.9
8-O-H002	Vacant Plot North East Of The Vallance Centre Brunswick Street Manchester	385258, 397063	23.9	16.8	12.2	7.9
8-O-H005	Medlock Primary School, Ardwick Green South, Manchester	385194, 397098	23.9	16.8	12.2	7.9
8-O-H009	Medlock Primary School, Ardwick Green South, Manchester	385152, 397142	23.9	16.8	12.2	7.9
8-O-H012	Ormond Building, Manchester Metropolitan University, Lower Ormond Street, Manchester	384260, 397206	27.4	18.8	13.4	8.4
8-O-H013	Manchester Metropolitan University Estates Directorate, Oxford Road, Manchester	384316, 397226	27.4	18.8	13.4	8.4
8-O-H014	Ardwick Green South, Manchester	385058, 397238	23.9	16.8	12.2	7.9
8-O-H015	Higher Ardwick, Manchester	385445, 397239	23.9	16.8	12.2	7.9
8-O-H016	Higher Ardwick, Manchester	385427, 397247	23.9	16.8	12.2	7.9
8-O-H017	John Dalton Building, Manchester Metropolitan University, Chester Street, Manchester	384248, 397247	27.4	18.8	13.4	8.4
8-O-H018	Higher Ardwick, Manchester	385468, 397260	23.9	16.8	12.2	7.9
8-O-H019	Brydon Court, Union Street, Ardwick, Manchester	385440, 397267	23.9	16.8	12.2	7.9
8-O-H020	Spirit Studios, 65-69 Downing Street, Manchester	384951, 397315	27.4	18.8	13.4	8.4
8-O-H021	Lockton Court, Lockton Close, Manchester	384718, 397406	27.4	18.8	13.4	8.4
8-O-H022	Cotter Street, Manchester	385302, 397415	23.9	16.8	12.2	7.9

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H023	The University of Manchester, Ferranti Building, Manchester	384751, 397484	27.4	18.8	13.4	8.4
8-O-H024	Mill Point Student Accommodation, 29 Berry Street, Manchester	384941, 397522	27.4	18.8	13.4	8.4
8-O-H025	Star and Garter (PH), Fairfield Street, Manchester	384997, 397727	27.4	18.8	13.4	8.4
8-O-H026	Sackville Street Building, University of Manchester, Sackville Street, Manchester	384458, 397743	27.4	18.8	13.4	8.4
8-O-H027	The Bulls Head, London Road, Manchester	384732, 397764	27.4	18.8	13.4	8.4
8-O-H028	City College Manchester, 34 Whitworth Street, Manchester	384511, 397792	27.4	18.8	13.4	8.4
8-O-H029	Monroes Bar Hotel, 38 London Road, Manchester	384687, 397874	27.4	18.8	13.4	8.4
8-O-H030	The Plaza, Every Street, Manchester	385573, 397967	23.9	16.8	12.2	7.9
8-O-H031	Chapelton Street, Manchester	384958, 397967	27.4	18.8	13.4	8.4
8-O-H032	Portland Street, Manchester	384226, 397976	27.4	18.8	13.4	8.4
8-O-H033	Chapelton Street, Manchester	385002, 397989	23.9	16.8	12.2	7.9
8-O-H034	Chapelton Street, Manchester	385088, 398016	24.5	17.2	11.6	7.7
8-O-H037	Victoria House Great Ancoats Street Manchester	385303, 398098	24.5	17.2	11.6	7.7
8-O-H038	La Reserve Hotel, Ducie Street, Manchester	384726, 398104	32.5	21.5	12.6	8.1
8-O-H039	Wharf Close, Manchester	384972, 398105	32.5	21.5	12.6	8.1
8-O-H040	Quantum Apartments, Chapelton Street, Manchester	385283, 398121	24.5	17.2	11.6	7.7
8-O-H042	Albion Works, Block B, Pollard Street, Manchester	385401, 398139	24.5	17.2	11.6	7.7
8-O-H043	Piccadilly, Manchester	384586, 398157	32.5	21.5	12.6	8.1
8-O-H044	Paton Street, Manchester	384610, 398164	32.5	21.5	12.6	8.1
8-O-H045	Junction Works, Ducie Street, Manchester	384918, 398195	32.5	21.5	12.6	8.1
8-O-H046	Dale Street, Manchester	384677, 398206	32.5	21.5	12.6	8.1
8-O-H047	Part Site Bounded By Ducie Street, The Rochdale Canal, Peak Street, Tariff Street, Manchester	384903, 398206	32.5	21.5	12.6	8.1

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H048	Oxygen Tower Manchester City, Store Street, Manchester	385203, 398217	24.5	17.2	11.6	7.7
8-O-H049	Oxygen Tower Manchester City, Store Street, Manchester	385187, 398223	24.5	17.2	11.6	7.7
8-O-H050	Islington Wharf Locks, Old Mill Street, Manchester	385220, 398249	24.5	17.2	11.6	7.7
8-O-H051	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	385732, 398312	24.5	17.2	11.6	7.7
8-O-H052	Old Mill Street, Manchester	385298, 398317	24.5	17.2	11.6	7.7
8-O-H053	Little Learning Ladder Nursery, The Chips, 2 Lampwick Lane, Manchester	385429, 398318	24.5	17.2	11.6	7.7
8-O-H054	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	385678, 398341	24.5	17.2	11.6	7.7
8-O-H055	Tiddlywinks Day Nursery, Taunton Street, Manchester	385970, 398358	24.5	17.2	11.6	7.7
8-O-H056	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	385707, 398373	24.5	17.2	11.6	7.7
8-O-H057	Crown and Anchor (PH), Hilton Street, Manchester	384687, 398375	32.5	21.5	12.6	8.1
8-O-H058	Weavers Quay, Old Mill Street, Manchester	385364, 398403	24.5	17.2	11.6	7.7
8-O-H059	Munday Street, Manchester	385695, 398404	24.5	17.2	11.6	7.7
8-O-H061	Towcester Close, Manchester	385925, 398416	24.5	17.2	11.6	7.7
8-O-H062	Crossley Court, Pollard Street, Manchester	385733, 398417	24.5	17.2	11.6	7.7
8-O-H063	Houldsworth Street, Manchester	384862, 398484	32.5	21.5	12.6	8.1
8-O-H064	Tavery Close, Manchester	385492, 398494	24.5	17.2	11.6	7.7
8-O-H065	MM2 Apartments, Pickford Street, Ancoats	384889, 398496	32.5	21.5	12.6	8.1
8-O-H066	Gore Street, Manchester	383023, 398522	30.8	20.7	12.1	7.8
8-O-H067	Chapel Street, Salford	382988, 398524	22.2	15.8	11.6	7.6
8-O-H068	Chapel Street, Salford	382985, 398529	22.2	15.8	11.6	7.6
8-O-H069	Old Mill Street, Manchester	385609, 398554	24.5	17.2	11.6	7.7
8-O-H070	City Point, Chapel Street, Salford	383039, 398557	30.8	20.7	12.1	7.8

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H071	Great Ancoats Street, Ancoats, Manchester	384755, 398581	32.5	21.5	12.6	8.1
8-O-H072	Trinity Edge, St. Mary Street, Salford	383015, 398595	30.8	20.7	12.1	7.8
8-O-H073	Old Mill Street, Manchester	385699, 398622	24.5	17.2	11.6	7.7
8-O-H074	The City Warehouse Aparthotel. 6-14 Great Ancoats Street, Manchester	384666, 398660	32.5	21.5	12.6	8.1
8-O-H075	City Point, Chapel Street, Salford	383087, 398670	30.8	20.7	12.1	7.8
8-O-H078	Crown and Kettle PH, 2 Oldham Road, Ancoats, Manchester	384668, 398699	32.5	21.5	12.6	8.1
8-O-H080	Ring Road, Manchester	384622, 398724	32.5	21.5	12.6	8.1
8-O-H082	Bevill Square, Salford	383073, 398734	30.8	20.7	12.1	7.8
8-O-H083	Addington Street, Manchester	384728, 398749	32.5	21.5	12.6	8.1
8-O-H086	Bradford Road, Manchester	385922, 398804	24.5	17.2	11.6	7.7
8-O-H087	Bradford Road, Manchester	385990, 398845	24.5	17.2	11.6	7.7
8-O-H088	Cranfield Close, Manchester	385970, 398861	24.5	17.2	11.6	7.7
8-O-H089	Swan House Swan Street Manchester	384470, 398872	32.5	21.5	12.6	8.1
8-O-H090	Blackfriars Road, Salford	383271, 398907	30.8	20.7	12.1	7.8
8-O-H091	Angel Street, Manchester	384479, 398933	32.5	21.5	12.6	8.1
8-O-H092	Angel Street, Manchester	384485, 398960	32.5	21.5	12.6	8.1
8-O-H094	Butler Street, Manchester	385380, 399010	20.9	15.0	11.5	7.6
8-O-H096	Butler Street, Manchester	385258, 399024	20.9	15.0	11.5	7.6
8-O-H097	Butler Street, Manchester	385453, 399033	20.9	15.0	11.5	7.6
8-O-H098	Corporation Street, Manchester	384190, 399064	22.0	15.7	11.6	7.6
8-O-H099	Greengate, Salford	383568, 399069	22.0	15.7	11.5	7.5
8-O-H100	Trinity Way, Manchester	383452, 399070	22.0	15.7	11.5	7.5
8-O-H101	Beaumont Building, Mirabel Street, Cheetham Hill	383783, 399097	22.0	15.7	11.5	7.5
8-O-H102	Aspin Lane, Manchester	384316, 399132	22.0	15.7	11.6	7.6
8-O-H103	Brookhill Street, Manchester	386503, 399403	21.6	15.4	11.8	7.7
8-O-H104	Cheetham Hill Road, Cheetham Hill, Manchester	384139, 399550	22.0	15.7	11.6	7.6

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H105	Hulme Hall Lane, Manchester	386149, 399896	21.6	15.4	11.8	7.7
8-O-H106	Beckford Street, Manchester	386339, 400071	18.4	13.4	11.5	7.6
8-O-H107	Danswood, Philips Park Road, Whitefield	379086, 403983	15.3	11.4	12.1	7.8
8-O-H108	Outwood Cottage, Philips Park, Whitefield	379666, 404091	15.0	11.2	12.7	8.1
8-O-H109**	Schuster Building, Manchester University, Upper Brook Street, Manchester	384844, 396735	25.4	17.7	11.4	7.5
8-O-H110**	Cambridge Mill, Cambridge Street, Manchester	383983, 397227	25.3	17.7	12.5	8.0
8-O-H111**	Sugden Sports Centre, 114 Grosvenor Street, Manchester	384410, 397229	27.4	18.8	13.4	8.4
8-O-H112**	Manchester Institute of Biotechnology, Princess Street, Manchester	384452, 397345	27.4	18.8	13.4	8.4
8-O-H113**	Lower Ormond Street, Manchester	384062, 397357	27.4	18.8	13.4	8.4
8-O-H114**	Manchester Institute of Biotechnology, Princess Street, Manchester	384418, 397398	27.4	18.8	13.4	8.4
8-O-H115**	The University of Manchester, Ferranti Building, Sackville Street, Manchester	384700, 397454	27.4	18.8	13.4	8.4
8-O-H116**	Charles Street, Manchester	384341, 397525	27.4	18.8	13.4	8.4
8-O-H117**	Sackville Street, Manchester	384504, 397572	27.4	18.8	13.4	8.4
8-O-H118**	Whitworth Street West, Manchester	384071, 397584	27.4	18.8	13.4	8.4
8-O-H119**	Cotton Mill, Samuel Ogden Street, Manchester	384310, 397677	27.4	18.8	13.4	8.4
8-O-H120**	Portland Street, Manchester	384160, 397910	27.4	18.8	13.4	8.4
8-O-H121**	Piccadilly Place, Manchester	384554, 397914	27.4	18.8	13.4	8.4
8-O-H122**	Bloom Street, Manchester	384392, 397931	27.4	18.8	13.4	8.4
8-O-H123**	Nicholas Street, Manchester	384124, 398032	32.5	21.5	12.6	8.1
8-O-H124**	New Bailey Apartments, Ring Road, Manchester	382910, 398084	22.2	15.8	11.6	7.6

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H125**	Booth Street, Manchester	384022, 398118	32.5	21.5	12.6	8.1
8-O-H126**	MA08/212 Car Park Between 57 and 59 Ducie Street Manchester	385033, 398248	24.5	17.2	11.6	7.7
8-O-H127**	Blisworth Close, Manchester	385828, 398281	24.5	17.2	11.6	7.7
8-O-H128**	128911/FO/2020 - Laystall Street Manchester	384976, 398290	32.5	21.5	12.6	8.1
8-O-H129**	Kingsley House, Newton Street, Manchester	384562, 398295	32.5	21.5	12.6	8.1
8-O-H130**	Gurney Street, Manchester	385882, 398356	24.5	17.2	11.6	7.7
8-O-H131**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	385428, 398420	24.5	17.2	11.6	7.7
8-O-H132**	Halogen House, The Filaments, Gore Street, Manchester	383010, 398457	30.8	20.7	12.1	7.8
8-O-H133**	Transport House, A6 Crescent, Salford	382532, 398517	22.2	15.8	11.6	7.6
8-O-H134**	Church Street, Manchester	384248, 398534	32.5	21.5	12.6	8.1
8-O-H135**	Oxid House, Newton Street, Manchester	384793, 398544	32.5	21.5	12.6	8.1
8-O-H136**	Thomas Street, Manchester	384477, 398546	32.5	21.5	12.6	8.1
8-O-H137**	Hospice, Salford Royal, A6 Crescent, Salford	382532, 398551	22.2	15.8	11.6	7.6
8-O-H138**	Chapel Street, Salford	382961, 398554	22.2	15.8	11.6	7.6
8-O-H139**	Chapel Street, Salford	382949, 398554	22.2	15.8	11.6	7.6
8-O-H140**	Chapel Street, Salford	383208, 398580	30.8	20.7	12.1	7.8
8-O-H141**	Chapel Street, Salford	383349, 398615	30.8	20.7	12.1	7.8
8-O-H142**	Oldham Road, Manchester	385019, 398926	24.5	17.2	11.6	7.7
8-O-H143**	Abbott Community School, Sudell Street, Manchester	385012, 399368	20.9	15.0	11.5	7.6
8-O-H144**	The Unicorn Nursery, Lower Broughton Road Salford	382665, 399413	18.8	13.7	11.4	7.6
8-O-H145**	42 Grange Road, Eccles	374938, 399521	13.9	10.5	12.6	7.9

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement
SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H146**	Wheater's Street, Salford	382504, 399626	18.8	13.7	11.4	7.6
8-O-H147**	Rochdale Road, Manchester	385170, 399640	20.9	15.0	11.5	7.6
8-O-H148**	Lower Broughton Road, Salford	382456, 399671	18.8	13.7	11.4	7.6
8-O-H149**	Bury New Road, Manchester	383477, 399762	22.0	15.7	11.5	7.5
8-O-H150**	Kapoor Communications Ltd, Bury New Road, Manchester	383427, 399814	22.0	15.7	11.5	7.5
8-O-H151**	Cheetwood Primary School, Waterloo Road, Manchester	383488, 399888	22.0	15.7	11.5	7.5
8-O-H152**	Arrow Street, Salford	382945, 399964	18.8	13.7	11.4	7.6
8-O-H153**	Farm Lane, Worsley	374628, 399995	13.9	10.5	12.6	7.9
8-O-H154**	Ramsgate Street Salford	383209, 400118	18.0	13.2	11.9	7.9
8-O-H155**	Great Clowes Street, Salford	382863, 400313	18.2	13.3	12.0	7.9
8-O-H156**	Bugle Close, Salford	382883, 400333	18.2	13.3	12.0	7.9
8-O-H157**	Elizabeth Street, Manchester	384100, 400359	17.9	13.1	11.7	7.8
8-O-H158**	Queens Road, Manchester	384452, 400434	17.9	13.1	11.7	7.8
8-O-H159**	Overcombe Walk, Manchester	385525, 400477	18.7	13.7	12.0	7.8
8-O-H160**	Cheetham Hill Road, Manchester	384425, 400528	17.9	13.1	11.7	7.8
8-O-H161**	Waterloo Road, Manchester	383810, 400533	18.0	13.2	11.9	7.9
8-O-H162**	Waterloo Road, Manchester	383838, 400545	18.0	13.2	11.9	7.9
8-O-H163**	Elizabeth Street, Manchester	383854, 400552	18.0	13.2	11.9	7.9
8-O-H164**	Great Cheetham Street, West Salford	382835, 400557	18.2	13.3	12.0	7.9
8-O-H165**	Elizabeth Street, Manchester	383817, 400560	18.0	13.2	11.9	7.9
8-O-H166**	Malimson Bourne, Hilton Street North, Salford	382934, 400618	18.2	13.3	12.0	7.9
8-O-H167**	Great Cheetham Street, East Salford	383010, 400626	18.0	13.2	11.9	7.9

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-OMA08

Air quality

MA08

Air quality report

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 (µg/m ³)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H168**	Smedley Street, Manchester	384461, 400627	17.9	13.1	11.7	7.8
8-O-H169**	St. Marks Church of England Primary School, Aviary Road Manchester	374736, 400898	14.3	10.8	12.5	8.0
8-O-H170**	Hawthorne Drive, Worsley	375434, 401437	20.9	15.2	12.8	8.2
8-O-H171**	Manthorpe Avenue, Manchester	375383, 401525	20.9	15.2	12.8	8.2
8-O-H172**	The Lodge, Wardley Hall, Wardley Hall Road, Worsley	375713, 402276	15.1	11.4	12.6	8.1
8-O-H173**	Manchester Road, Wardley, Swinton	375882, 402597	15.1	11.4	12.6	8.1
8-O-H174**	Manchester Road, Wardley, Swinton	375646, 402752	15.1	11.4	12.6	8.1
8-O-H175**	Sindley Road, Wardley, Swinton	376744, 403022	24.0	17.1	12.7	8.2
8-O-H176**	Clifton Primary School, Newton	377678, 403094	19.7	14.4	12.4	8.0
8-O-H177**	Memorial Cottages, Manchester Road, Manchester	377819, 403291	19.7	14.4	12.4	8.0
8-O-H178**	Manchester Road, Newton	377691, 403417	19.7	14.4	12.4	8.0
8-O-H179**	Prestwick Hospital, Sedgley Avenue, Prestwich	380693, 404529	16.1	12.0	12.5	8.1
8-O-H180**	Cloughside College, Sedgley Avenue, Prestwich	380783, 404533	16.1	12.0	12.5	8.1
8-O-H181**	Glenmere Close, Prestwich	380898, 404648	16.1	12.0	12.5	8.1
8-O-H182**	Philips Park Road East, Prestwich	380656, 404659	16.1	12.0	12.5	8.1
8-O-H183**	Our Lady of Grace Roman Catholic Primary School, Highfield Road Manchester	381133, 404681	18.6	13.6	13.2	8.7
8-O-H184**	Stanley Avenue North, Prestwich	381136, 404821	18.6	13.6	13.2	8.7
8-O-H185**	Greenbank, Hardmans Road, Prestwich	380997, 404840	16.1	12.0	12.5	8.1
8-O-H186**	Warwick Avenue, Whitefield	381594, 405222	16.5	12.3	13.3	8.7
8-O-H187**	Kensington Street, Whitefield	381489, 405226	16.5	12.3	13.3	8.7

Receptor	Description/Location	Ordnance Survey coordinates	Background concentrations in 2039 ($\mu\text{g}/\text{m}^3$)			
			NO _x	NO ₂	PM ₁₀	PM _{2.5}
8-O-H188**	St. Margaret's Church of England Primary School, Heywood Road Manchester	382515, 405526	20.7	15.0	13.0	8.4

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

Assessment results

4.4.6 Table 15 to Table 17 provide the summary of the modelled pollutant concentrations for the assessed human receptors. The magnitude of change and impact descriptor are provided along with a comparison against the main ES. These were derived following the IAQM/ EPUK methodology⁷.

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Table 15: Predicted annual mean NO₂ concentrations and impacts (operation phase)

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H001	Polygon Street, Manchester	23.2	23.0	-0.2	Negligible	Negligible	Not significant
8-O-H002	Vacant Plot North East of The Vallance Centre Brunswick Street Manchester	21.7	21.3	-0.4	Negligible	Negligible	Not significant
8-O-H005	Medlock Primary School, Ardwick Green South, Manchester	18.3	18.3	< 0.1	Negligible	Negligible	Not significant
8-O-H009	Medlock Primary School, Ardwick Green South, Manchester	18.1	18.2	0.1	Negligible	Negligible	Not significant
8-O-H012	Ormond Building, Manchester Metropolitan University, Lower Ormond Street, Manchester	25.3	25.2	-0.1	Negligible	Negligible	Not significant
8-O-H013	Manchester Metropolitan University Estates Directorate, Oxford Road, Manchester	26.2	26.1	-0.1	Negligible	Negligible	Not significant
8-O-H014	Ardwick Green South, Manchester	20.6	21.1	0.5	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H015	Higher Ardwick, Manchester	19.2	19.1	-0.1	Negligible	Negligible	Not significant
8-O-H016	Higher Ardwick, Manchester	19.6	19.3	-0.3	Negligible	Negligible	Not significant
8-O-H017	John Dalton Building, Manchester Metropolitan University, Chester Street, Manchester	28.1	27.9	-0.2	Negligible	Negligible	Not significant
8-O-H018	Higher Ardwick, Manchester	19.4	19.6	0.2	Negligible	Negligible	Not significant
8-O-H019	Brydon Court, Union Street, Ardwick, Manchester	19.3	19.0	-0.3	Negligible	Negligible	Not significant
8-O-H020	Spirit Studios, 65-69 Downing Street, Manchester	25.0	25.6	0.6	Negligible	Negligible	Not significant
8-O-H021	Lockton Court, Lockton Close, Manchester	23.2	23.1	-0.1	Negligible	Negligible	Not significant
8-O-H022	Cotter Street, Manchester	20.1	20.1	< 0.1	Negligible	Negligible	Not significant
8-O-H023	The University of Manchester, Ferranti Building, Manchester	25.8	25.5	-0.3	Negligible	Negligible	Not significant
8-O-H024	Mill Point Student Accommodation, 29	23.3	23.1	-0.2	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
	Berry Street, Manchester						
8-O-H025	Star and Garter (PH), Fairfield Street, Manchester	21.8	22.8	1.0	Negligible	Negligible	Not significant
8-O-H026	Sackville Street Building, University of Manchester, Sackville Street, Manchester	23.4	22.9	-0.5	Negligible	Negligible	Not significant
8-O-H027	The Bulls Head, London Road, Manchester	24.4	24.2	-0.2	Negligible	Negligible	Not significant
8-O-H028	City College Manchester, 34 Whitworth Street, Manchester	23.8	23.2	-0.6	Negligible	Negligible	Not significant
8-O-H029	Monroes Bar Hotel, 38 London Road, Manchester	23.0	22.6	-0.4	Negligible	Negligible	Not significant
8-O-H030	The Plaza, Every Street, Manchester	25.8	26.0	0.2	Negligible	Negligible	Not significant
8-O-H031	Chapelton Street, Manchester	20.2	20.7	0.5	Negligible	Negligible	Not significant
8-O-H032	54 Portland Street, Manchester	25.7	25.2	-0.5	Negligible	Negligible	Not significant
8-O-H033	Chapelton Street, Manchester	18.1	18.2	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H034	Chapelton Street, Manchester	18.4	18.7	0.3	Negligible	Negligible	Not significant
8-O-H037	Victoria House Great Ancoats Street Manchester	22.2	21.8	-0.4	Negligible	Negligible	Not significant
8-O-H038	La Reserve Hotel, Ducie Street, Manchester	24.2	24.9	0.7	Negligible	Negligible	Not significant
8-O-H039	Wharf Close, Manchester	24.4	23.1	-1.3	Negligible	Negligible	Not significant
8-O-H040	Quantum Apartments, Chapelton Street, Manchester	23.0	22.5	-0.5	Negligible	Negligible	Not significant
8-O-H042	Albion Works, Block B, Pollard Street, Manchester	20.8	20.2	-0.6	Negligible	Negligible	Not significant
8-O-H043	Piccadilly, Manchester	23.6	24.1	0.5	Negligible	Negligible	Not significant
8-O-H044	Paton Street, Manchester	23.8	24.4	0.6	Negligible	Negligible	Not significant
8-O-H045	Junction Works, Ducie Street, Manchester	23.8	23.9	0.1	Negligible	Negligible	Not significant
8-O-H046	Dale Street, Manchester	24.0	24.2	0.2	Negligible	Negligible	Not significant
8-O-H047	Part Site Bounded by Ducie Street, The Rochdale Canal, Peak	24.4	24.6	0.2	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
	Street, Tariff Street, Manchester						
8-O-H048	Oxygen Tower Manchester City, Store Street, Manchester	24.0	23.0	-1.0	Negligible	Negligible	Not significant
8-O-H049	Oxygen Tower Manchester City, Store Street, Manchester	22.1	21.3	-0.8	Negligible	Negligible	Not significant
8-O-H050	Islington Wharf Locks, Old Mill Street, Manchester	24.7	23.7	-1.0	Negligible	Negligible	Not significant
8-O-H051	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	17.6	17.6	< 0.1	Negligible	Negligible	Not significant
8-O-H052	Old Mill Street, Manchester	20.1	19.8	-0.3	Negligible	Negligible	Not significant
8-O-H053	Little Learning Ladder Nursery, The Chips, 2 Lampwick Lane, Manchester	17.5	17.4	-0.1	Negligible	Negligible	Not significant
8-O-H054	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	17.7	17.6	-0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H055	Tiddlywinks Day Nursery, Taunton Street, Manchester	17.5	17.5	< 0.1	Negligible	Negligible	Not significant
8-O-H056	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	17.8	17.7	-0.1	Negligible	Negligible	Not significant
8-O-H057	Crown and Anchor (PH), Hilton Street, Manchester	23.3	23.1	-0.2	Negligible	Negligible	Not significant
8-O-H058	Weavers Quay, Old Mill Street, Manchester	18.4	18.1	-0.3	Negligible	Negligible	Not significant
8-O-H059	Munday Street, Manchester	18.3	18.1	-0.2	Negligible	Negligible	Not significant
8-O-H061	Towcester Close, Manchester	18.1	18.1	< 0.1	Negligible	Negligible	Not significant
8-O-H062	Crossley Court, Pollard Street, Manchester	18.2	18.1	-0.1	Negligible	Negligible	Not significant
8-O-H063	Houldsworth Street, Manchester	24.8	24.4	-0.4	Negligible	Negligible	Not significant
8-O-H064	Tavery Close, Manchester	19.1	18.6	-0.5	Negligible	Negligible	Not significant
8-O-H065	MM2 Apartments, Pickford Street, Ancoats	27.8	26.9	-0.9	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H066	Gore Street, Manchester	27.3	27.7	0.4	Negligible	Negligible	Not significant
8-O-H067	Chapel Street, Salford	23.5	23.8	0.3	Negligible	Negligible	Not significant
8-O-H068	Chapel Street, Salford	23.2	23.4	0.2	Negligible	Negligible	Not significant
8-O-H069	Old Mill Street, Manchester	18.8	18.6	-0.2	Negligible	Negligible	Not significant
8-O-H070	City Point, Chapel Street, Salford	28.8	29.0	0.2	Negligible	Negligible	Not significant
8-O-H071	Great Ancoats Street, Ancoats, Manchester	25.4	25.1	-0.3	Negligible	Negligible	Not significant
8-O-H072	Trinity Edge, St. Mary Street, Salford	27.1	27.4	0.3	Negligible	Negligible	Not significant
8-O-H073	Old Mill Street, Manchester	18.4	18.1	-0.3	Negligible	Negligible	Not significant
8-O-H074	The City Warehouse Aparthotel. 6-14 Great Ancoats Street, Manchester	25.9	25.4	-0.5	Negligible	Negligible	Not significant
8-O-H075	City Point, Chapel Street, Salford	23.8	24.0	0.2	Negligible	Negligible	Not significant
8-O-H078	Crown and Kettle PH, 2 Oldham Road, Ancoats, Manchester	29.7	28.9	-0.8	Negligible	Negligible	Not significant
8-O-H080	Ring Road, Manchester	27.1	26.5	-0.6	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H082	Bevill Square, Salford	24.0	24.2	0.2	Negligible	Negligible	Not significant
8-O-H083	Addington Street, Manchester	25.4	25.2	-0.2	Negligible	Negligible	Not significant
8-O-H086	Bradford Road, Manchester	18.7	18.4	-0.3	Negligible	Negligible	Not significant
8-O-H087	Bradford Road, Manchester	19.1	18.9	-0.2	Negligible	Negligible	Not significant
8-O-H088	Cranfield Close, Manchester	19.1	18.8	-0.3	Negligible	Negligible	Not significant
8-O-H089	Swan House Swan Street Manchester	25.2	25.0	-0.2	Negligible	Negligible	Not significant
8-O-H090	Blackfriars Road, Salford	25.2	25.5	0.3	Negligible	Negligible	Not significant
8-O-H091	Angel Street, Manchester	26.5	26.3	-0.2	Negligible	Negligible	Not significant
8-O-H092	Angel Street, Manchester	28.6	28.3	-0.3	Negligible	Negligible	Not significant
8-O-H094	Butler Street, Manchester	15.9	15.7	-0.2	Negligible	Negligible	Not significant
8-O-H096	Butler Street, Manchester	15.7	15.7	< 0.1	Negligible	Negligible	Not significant
8-O-H097	Butler Street, Manchester	16.3	16.1	-0.2	Negligible	Negligible	Not significant
8-O-H098	Corporation Street, Manchester	22.5	22.2	-0.3	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H099	Greengate, Salford	18.4	18.6	0.2	Negligible	Negligible	Not significant
8-O-H100	Trinity Way, Manchester	22.6	22.7	0.1	Negligible	Negligible	Not significant
8-O-H101	Beaumont Building, Mirabel Street, Cheetham Hill	20.3	20.4	0.1	Negligible	Negligible	Not significant
8-O-H102	Aspin Lane, Manchester	22.7	22.4	-0.3	Negligible	Negligible	Not significant
8-O-H103	Brookhill Street, Manchester	17.0	16.8	-0.2	Negligible	Negligible	Not significant
8-O-H104	Cheetham Hill Road, Cheetham Hill, Manchester	18.2	18.1	-0.1	Negligible	Negligible	Not significant
8-O-H105	Hulme Hall Lane, Manchester	18.6	18.4	-0.2	Negligible	Negligible	Not significant
8-O-H106	Beckford Street, Manchester	15.1	15.0	-0.1	Negligible	Negligible	Not significant
8-O-H107	Danswood, Philips Park Road, Whitefield	14.9	14.9	< 0.1	Negligible	Negligible	Not significant
8-O-H108	Outwood Cottage, Philips Park, Whitefield	12.3	12.3	< 0.1	Negligible	Negligible	Not significant
8-O-H109**	Schuster Building, Manchester University, Upper	20.2	20.1	-0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
	Brook Street, Manchester						
8-O-H110**	Cambridge Mill, Cambridge Street, Manchester	23.0	23.3	0.3	Negligible	Not applicable	Not significant
8-O-H111**	Sugden Sports Centre, 114 Grosvenor Street, Manchester	22.9	22.8	-0.1	Negligible	Not applicable	Not significant
8-O-H112**	Manchester Institute of Biotechnology, Princess Street, Manchester	26.9	26.3	-0.6	Negligible	Not applicable	Not significant
8-O-H113**	Lower Ormond Street, Manchester	21.0	21.1	0.1	Negligible	Not applicable	Not significant
8-O-H114**	Manchester Institute of Biotechnology, Princess Street, Manchester	24.2	23.7	-0.5	Negligible	Not applicable	Not significant
8-O-H115**	The University of Manchester, Ferranti Building, Sackville Street, Manchester	25.6	25.3	-0.3	Negligible	Not applicable	Not significant
8-O-H116**	Charles Street, Manchester	25.1	24.7	-0.4	Negligible	Not applicable	Not significant
8-O-H117**	Sackville Street, Manchester	22.9	22.5	-0.4	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H118**	Whitworth Street West, Manchester	23.6	23.3	-0.3	Negligible	Not applicable	Not significant
8-O-H119**	Cotton Mill, Samuel Ogden Street, Manchester	24.2	23.6	-0.6	Negligible	Not applicable	Not significant
8-O-H120**	Portland Street, Manchester	26.4	26.0	-0.4	Negligible	Not applicable	Not significant
8-O-H121**	Piccadilly Place, Manchester	21.7	21.4	-0.3	Negligible	Not applicable	Not significant
8-O-H122**	Bloom Street, Manchester	21.6	21.4	-0.2	Negligible	Not applicable	Not significant
8-O-H123**	Nicholas Street, Manchester	25.7	25.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H124**	New Bailey Apartments, Ring Road, Manchester	17.7	17.9	0.2	Negligible	Not applicable	Not significant
8-O-H125**	Booth Street, Manchester	24.4	24.8	0.4	Negligible	Not applicable	Not significant
8-O-H126**	MA08/212 Car Park Between 57 And 59 Ducie Street Manchester	20.3	20.6	0.3	Negligible	Not applicable	Not significant
8-O-H127**	Blisworth Close, Manchester	18.4	18.4	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H128**	128911/FO/2020 - Laystall Street Manchester	23.4	23.1	-0.3	Negligible	Not applicable	Not significant
8-O-H129**	Kingsley House, Newton Street, Manchester	22.7	23.3	0.6	Negligible	Not applicable	Not significant
8-O-H130**	Gurney Street, Manchester	18.2	18.4	0.2	Negligible	Not applicable	Not significant
8-O-H131**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	18.3	18.1	-0.2	Negligible	Not applicable	Not significant
8-O-H132**	Halogen House, The Filaments, Gore Street, Manchester	27.1	27.6	0.5	Negligible	Not applicable	Not significant
8-O-H133**	Transport House, A6 Crescent, Salford	18.3	18.2	-0.1	Negligible	Not applicable	Not significant
8-O-H134**	Church Street, Manchester	27.3	27.6	0.3	Negligible	Not applicable	Not significant
8-O-H135**	Oxid House, Newton Street, Manchester	25.1	24.9	-0.2	Negligible	Not applicable	Not significant
8-O-H136**	Thomas Street, Manchester	24.3	24.2	-0.1	Negligible	Not applicable	Not significant
8-O-H137**	Hospice, Salford Royal, A6 Crescent, Salford	20.7	20.6	-0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H138**	Chapel Street, Salford	25.7	25.5	-0.2	Negligible	Not applicable	Not significant
8-O-H139**	Chapel Street, Salford	25.2	24.9	-0.3	Negligible	Not applicable	Not significant
8-O-H140**	Chapel Street, Salford	25.4	25.6	0.2	Negligible	Not applicable	Not significant
8-O-H141**	Chapel Street, Salford	22.6	22.7	0.1	Negligible	Not applicable	Not significant
8-O-H142**	Oldham Road, Manchester	18.7	18.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H143**	Abbott Community School, Sudell Street, Manchester	15.8	15.7	-0.1	Negligible	Not applicable	Not significant
8-O-H144**	The Unicorn Nursery, Lower Broughton Road Salford	14.1	14.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H145**	Grange Road, Eccles	17.7	17.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H146**	Wheater's Street, Salford	14.7	14.8	0.1	Negligible	Not applicable	Not significant
8-O-H147**	Rochdale Road, Manchester	16.5	16.4	-0.1	Negligible	Not applicable	Not significant
8-O-H148**	Lower Broughton Road, Salford	14.2	14.3	0.1	Negligible	Not applicable	Not significant
8-O-H149**	Bury New Road, Manchester	18.9	18.7	-0.2	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H150**	Kapoor Communications Ltd, Bury New Road, Manchester	17.7	17.5	-0.2	Negligible	Not applicable	Not significant
8-O-H151**	Cheetwood Primary School, Waterloo Road, Manchester	17.0	17.1	0.1	Negligible	Not applicable	Not significant
8-O-H152**	Arrow Street, Salford	15.0	15.2	0.2	Negligible	Not applicable	Not significant
8-O-H153**	Farm Lane, Worsley	23.7	23.8	0.1	Negligible	Not applicable	Not significant
8-O-H154**	Ramsgate Street Salford	13.8	13.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H155**	Great Clowes Street, Salford	15.3	15.2	-0.1	Negligible	Not applicable	Not significant
8-O-H156**	Bugle Close, Salford	15.6	15.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H157**	Elizabeth Street, Manchester	15.6	15.7	0.1	Negligible	Not applicable	Not significant
8-O-H158**	Queens Road, Manchester	15.5	15.4	-0.1	Negligible	Not applicable	Not significant
8-O-H159**	Overcombe Walk, Manchester	15.1	15.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H160**	Cheetham Hill Road, Manchester	15.1	15.0	-0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H161**	Waterloo Road, Manchester	15.0	15.2	0.2	Negligible	Not applicable	Not significant
8-O-H162**	Waterloo Road, Manchester	15.3	15.5	0.2	Negligible	Not applicable	Not significant
8-O-H163**	Elizabeth Street, Manchester	16.0	16.3	0.3	Negligible	Not applicable	Not significant
8-O-H164**	Great Cheetham Street, West Salford	14.8	14.7	-0.1	Negligible	Not applicable	Not significant
8-O-H165**	Elizabeth Street, Manchester	15.8	16.0	0.2	Negligible	Not applicable	Not significant
8-O-H166**	Malimson Bourne, Hilton Street North, Salford	16.0	15.8	-0.2	Negligible	Not applicable	Not significant
8-O-H167**	Great Cheetham Street, East Salford	16.3	16.2	-0.1	Negligible	Not applicable	Not significant
8-O-H168**	Smedley Street, Manchester	14.7	14.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H169**	St. Mark's Church of England Primary School, Aviary Road Manchester	13.8	13.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H170**	Hawthorne Drive, Worsley	19.2	19.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H171**	Manthorpe Avenue, Manchester	20.8	20.8	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H172**	The Lodge, Wardley Hall, Wardley Hall Road, Worsley	13.8	13.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H173**	Manchester Road, Wardley, Swinton	13.9	13.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H174**	Manchester Road, Wardley, Swinton	15.0	15.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H175**	Sindley Road, Wardley, Swinton	17.8	17.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H176**	Clifton Primary School, Newton	15.2	15.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H177**	Memorial Cottages, Manchester Road, Manchester	18.4	18.5	0.1	Negligible	Not applicable	Not significant
8-O-H178**	Manchester Road, Newton	22.3	22.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H179**	Prestwick Hospital, Sedgley Avenue, Prestwich	14.2	14.3	0.1	Negligible	Not applicable	Not significant
8-O-H180**	Cloughside College, Sedgley Avenue, Prestwich	13.8	13.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H181**	Glenmere Close, Prestwich	16.9	17.0	0.1	Negligible	Not applicable	Not significant
8-O-H182**	Philips Park Road East, Prestwich	19.5	19.6	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	NO ₂ concentrations (µg/m ³)		Change in NO ₂ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H183**	Our Lady Of Grace Roman Catholic Primary School, Highfield Road Manchester	15.2	15.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H184**	Stanley Avenue North, Prestwich	17.8	17.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H185**	Greenbank, Hardmans Road, Prestwich	20.5	20.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H186**	Warwick Avenue, Whitefield	18.0	18.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H187**	Kensington Street, Whitefield	24.5	24.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H188**	St. Margaret's Church of England Primary School, Heywood Road Manchester	15.6	15.6	< 0.1	Negligible	Not applicable	Not significant

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

Table 16: Predicted annual mean PM₁₀ concentrations and impacts (operation phase)

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H001	Polygon Street, Manchester	14.2	14.1	-0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H002	Vacant Plot North East Of The Vallance Centre Brunswick Street Manchester	13.8	13.7	-0.1	Negligible	Negligible	Not significant
8-O-H005	Medlock Primary School, Ardwick Green South, Manchester	12.7	12.7	< 0.1	Negligible	Negligible	Not significant
8-O-H009	Medlock Primary School, Ardwick Green South, Manchester	12.7	12.7	< 0.1	Negligible	Negligible	Not significant
8-O-H012	Ormond Building, Manchester Metropolitan University, Lower Ormond Street, Manchester	14.9	14.9	< 0.1	Negligible	Negligible	Not significant
8-O-H013	Manchester Metropolitan University Estates Directorate, Oxford Road, Manchester	15.1	15.1	< 0.1	Negligible	Negligible	Not significant
8-O-H014	Ardwick Green South, Manchester	13.5	13.7	0.2	Negligible	Negligible	Not significant
8-O-H015	Higher Ardwick, Manchester	13.1	13	-0.1	Negligible	Negligible	Not significant
8-O-H016	Higher Ardwick, Manchester	13.2	13.1	-0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H017	John Dalton Building, Manchester Metropolitan University, Chester Street, Manchester	15.7	15.6	-0.1	Negligible	Negligible	Not significant
8-O-H018	Higher Ardwick, Manchester	13.1	13.2	0.1	Negligible	Negligible	Not significant
8-O-H019	Brydon Court, Union Street, Ardwick, Manchester	13.0	13.0	<0.1	Negligible	Negligible	Not significant
8-O-H020	Spirit Studios, 65-69 Downing Street, Manchester	15.5	15.8	0.3	Negligible	Negligible	Not significant
8-O-H021	Lockton Court, Lockton Close, Manchester	14.6	14.7	0.1	Negligible	Negligible	Not significant
8-O-H022	Cotter Street, Manchester	13	13	< 0.1	Negligible	Negligible	Not significant
8-O-H023	The University of Manchester, Ferranti Building, Manchester	15.1	15	-0.1	Negligible	Negligible	Not significant
8-O-H024	Mill Point Student Accommodation, 29 Berry Street, Manchester	14.5	14.4	-0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H025	Star and Garter (PH), Fairfield Street, Manchester	14.3	14.6	0.3	Negligible	Negligible	Not significant
8-O-H026	Sackville Street Building, University of Manchester, Sackville Street, Manchester	14.8	14.7	-0.1	Negligible	Negligible	Not significant
8-O-H027	The Bulls Head, London Road, Manchester	15.1	14.9	-0.2	Negligible	Negligible	Not significant
8-O-H028	City College Manchester, 34 Whitworth Street, Manchester	15	14.8	-0.2	Negligible	Negligible	Not significant
8-O-H029	Monroes Bar Hotel, 38 London Road, Manchester	14.7	14.5	-0.2	Negligible	Negligible	Not significant
8-O-H030	The Plaza, Every Street, Manchester	15.1	15.1	< 0.1	Negligible	Negligible	Not significant
8-O-H031	Chapelton Street, Manchester	13.8	13.8	< 0.1	Negligible	Negligible	Not significant
8-O-H032	Portland Street, Manchester	15.3	15.1	-0.2	Negligible	Negligible	Not significant
8-O-H033	Chapelton Street, Manchester	12.6	12.6	< 0.1	Negligible	Negligible	Not significant
8-O-H034	Chapelton Street, Manchester	12	12	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H037	Victoria House Great Ancoats Street Manchester M4 7AB	13.3	13	-0.3	Negligible	Negligible	Not significant
8-O-H038	La Reserve Hotel, Ducie Street, Manchester	13.5	13.7	0.2	Negligible	Negligible	Not significant
8-O-H039	Wharf Close, Manchester	13.6	13.1	-0.5	Negligible	Negligible	Not significant
8-O-H040	Quantum Apartments, Chapeltown Street, Manchester	13.6	13.2	-0.4	Negligible	Negligible	Not significant
8-O-H042	Albion Works, Block B, Pollard Street, Manchester	12.8	12.5	-0.3	Negligible	Negligible	Not significant
8-O-H043	Piccadilly, Manchester	13.2	13.4	0.2	Negligible	Negligible	Not significant
8-O-H044	Paton Street, Manchester	13.3	13.5	0.2	Negligible	Negligible	Not significant
8-O-H045	Junction Works, Ducie Street, Manchester	13.3	13.4	0.1	Negligible	Negligible	Not significant
8-O-H046	Dale Street, Manchester	13.5	13.5	< 0.1	Negligible	Negligible	Not significant
8-O-H047	Part Site Bounded by Ducie Street, The Rochdale Canal, Peak Street, Tariff Street, Manchester	13.6	13.6	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H048	Oxygen Tower Manchester City, Store Street, Manchester	13.9	13.4	-0.5	Negligible	Negligible	Not significant
8-O-H049	Oxygen Tower Manchester City, Store Street, Manchester	13.3	12.9	-0.4	Negligible	Negligible	Not significant
8-O-H050	Islington Wharf Locks, Old Mill Street, Manchester	14.2	13.7	-0.5	Negligible	Negligible	Not significant
8-O-H051	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	11.9	11.9	< 0.1	Negligible	Negligible	Not significant
8-O-H052	Old Mill Street, Manchester	12.6	12.4	-0.2	Negligible	Negligible	Not significant
8-O-H053	Little Learning Ladder Nursery, The Chips, 2 Lampwick Lane, Manchester	11.8	11.8	< 0.1	Negligible	Negligible	Not significant
8-O-H054	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	11.9	11.9	< 0.1	Negligible	Negligible	Not significant
8-O-H055	Tiddlywinks Day Nursery, Taunton Street, Manchester	11.8	11.8	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H056	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	12	11.9	-0.1	Negligible	Negligible	Not significant
8-O-H057	Crown and Anchor (PH), Hilton Street, Manchester	13.2	13.1	-0.1	Negligible	Negligible	Not significant
8-O-H058	Weavers Quay, Old Mill Street, Manchester	12.4	12.2	-0.2	Negligible	Negligible	Not significant
8-O-H059	Munday Street, Manchester	12.2	12.1	-0.1	Negligible	Negligible	Not significant
8-O-H061	Towcester Close, Manchester	12.2	12.1	-0.1	Negligible	Negligible	Not significant
8-O-H062	Crossley Court, Pollard Street, Manchester	12.2	12.2	< 0.1	Negligible	Negligible	Not significant
8-O-H063	Houldsworth Street, Manchester	13.7	13.6	-0.1	Negligible	Negligible	Not significant
8-O-H064	Tavery Close, Manchester	12.6	12.4	-0.2	Negligible	Negligible	Not significant
8-O-H065	MM2 Apartments, Pickford Street, Ancoats	14.7	14.4	-0.3	Negligible	Negligible	Not significant
8-O-H066	Gore Street, Manchester	14.3	14.5	0.2	Negligible	Negligible	Not significant
8-O-H067	Chapel Street, Salford	14.1	14.2	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H068	Chapel Street, Salford	13.9	14	0.1	Negligible	Negligible	Not significant
8-O-H069	Old Mill Street, Manchester	12.6	12.4	-0.2	Negligible	Negligible	Not significant
8-O-H070	City Point, Chapel Street, Salford	14.7	14.8	0.1	Negligible	Negligible	Not significant
8-O-H071	Great Ancoats Street, Ancoats, Manchester	13.8	13.7	-0.1	Negligible	Negligible	Not significant
8-O-H072	Trinity Edge, St. Mary Street, Salford	14.3	14.4	0.1	Negligible	Negligible	Not significant
8-O-H073	Old Mill Street, Manchester	12.3	12.1	-0.2	Negligible	Negligible	Not significant
8-O-H074	The City Warehouse Aparthotel. 6-14 Great Ancoats Street, Manchester	14	13.8	-0.2	Negligible	Negligible	Not significant
8-O-H075	City Point, Chapel Street, Salford	13.1	13.2	0.1	Negligible	Negligible	Not significant
8-O-H078	Crown and Kettle PH, 2 Oldham Road, Ancoats, Manchester	15.2	15	-0.2	Negligible	Negligible	Not significant
8-O-H080	Ring Road, Manchester	14.5	14.3	-0.2	Negligible	Negligible	Not significant
8-O-H082	Bevill Square, Salford	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-O-H083	Addington Street, Manchester	13.8	13.8	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H086	Bradford Road, Manchester	12.5	12.3	-0.2	Negligible	Negligible	Not significant
8-O-H087	Bradford Road, Manchester	12.7	12.6	-0.1	Negligible	Negligible	Not significant
8-O-H088	Cranfield Close, Manchester	12.8	12.6	-0.2	Negligible	Negligible	Not significant
8-O-H089	Swan House Swan Street Manchester	13.7	13.7	< 0.1	Negligible	Negligible	Not significant
8-O-H090	Blackfriars Road, Salford	13.6	13.7	0.1	Negligible	Negligible	Not significant
8-O-H091	Angel Street, Manchester	14.1	14	-0.1	Negligible	Negligible	Not significant
8-O-H092	Angel Street, Manchester	14.8	14.7	-0.1	Negligible	Negligible	Not significant
8-O-H094	Butler Street, Manchester	11.9	11.9	< 0.1	Negligible	Negligible	Not significant
8-O-H096	Butler Street, Manchester	11.8	11.8	< 0.1	Negligible	Negligible	Not significant
8-O-H097	Butler Street, Manchester	12.2	12.1	-0.1	Negligible	Negligible	Not significant
8-O-H098	Corporation Street, Manchester	14	13.8	-0.2	Negligible	Negligible	Not significant
8-O-H099	Greengate, Salford	12.5	12.5	< 0.1	Negligible	Negligible	Not significant
8-O-H100	Trinity Way, Manchester	13.9	14	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H101	Beaumont Building, Mirabel Street, Cheetham Hill	13	13	< 0.1	Negligible	Negligible	Not significant
8-O-H102	Aspin Lane, Manchester	13.8	13.7	-0.1	Negligible	Negligible	Not significant
8-O-H103	Brookhill Street, Manchester	12.6	12.6	< 0.1	Negligible	Negligible	Not significant
8-O-H104	Cheetham Hill Road, Cheetham Hill, Manchester	13.1	13	-0.1	Negligible	Negligible	Not significant
8-O-H105	Hulme Hall Lane, Manchester	13.5	13.4	-0.1	Negligible	Negligible	Not significant
8-O-H106	Beckford Street, Manchester	12.5	12.4	-0.1	Negligible	Negligible	Not significant
8-O-H107	Danswood, Philips Park Road, Whitefield	13.3	13.3	< 0.1	Negligible	Negligible	Not significant
8-O-H108	Outwood Cottage, Philips Park, Whitefield	13.1	13.1	< 0.1	Negligible	Negligible	Not significant
8-O-H109**	Schuster Building, Manchester University, Upper Brook Street, Manchester	12.8	12.7	-0.1	Negligible	Not applicable	Not significant
8-O-H110**	Cambridge Mill, Cambridge Street, Manchester	14.2	14.3	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H111**	Sugden Sports Centre, 114 Grosvenor Street, Manchester	14.4	14.4	< 0.1	Negligible	Not applicable	Not significant
8-O-H112**	Manchester Institute of Biotechnology, Princess Street, Manchester	15.7	15.6	-0.1	Negligible	Not applicable	Not significant
8-O-H113**	Lower Ormond Street, Manchester	14.1	14.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H114**	Manchester Institute of Biotechnology, Princess Street, Manchester	15.1	14.9	-0.2	Negligible	Not applicable	Not significant
8-O-H115**	The University of Manchester, Ferranti Building, Sackville Street, Manchester	15.1	15	-0.1	Negligible	Not applicable	Not significant
8-O-H116**	Charles Street, Manchester	15.4	15.3	-0.1	Negligible	Not applicable	Not significant
8-O-H117**	Sackville Street, Manchester	14.7	14.6	-0.1	Negligible	Not applicable	Not significant
8-O-H118**	Whitworth Street West, Manchester	14.8	14.7	-0.1	Negligible	Not applicable	Not significant
8-O-H119**	Cotton Mill, Samuel Ogden Street, Manchester	15.1	14.9	-0.2	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H120**	Portland Street, Manchester	15.4	15.3	-0.1	Negligible	Not applicable	Not significant
8-O-H121**	Piccadilly Place, Manchester	14.3	14.2	-0.1	Negligible	Not applicable	Not significant
8-O-H122**	Bloom Street, Manchester	14.2	14.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H123**	Nicholas Street, Manchester	13.9	14	0.1	Negligible	Not applicable	Not significant
8-O-H124**	New Bailey Apartments, Ring Road, Manchester	12.3	12.4	0.1	Negligible	Not applicable	Not significant
8-O-H125**	Booth Street, Manchester	13.5	13.6	0.1	Negligible	Not applicable	Not significant
8-O-H126**	MA08/212 Car Park Between 57 And 59 Ducie Street Manchester	12.7	12.8	0.1	Negligible	Not applicable	Not significant
8-O-H127**	Blisworth Close, Manchester	12.3	12.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H128**	128911/FO/2020 - Laystall Street Manchester	13.2	13.1	-0.1	Negligible	Not applicable	Not significant
8-O-H129**	Kingsley House, Newton Street, Manchester	12.9	13.1	0.2	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H130**	Gurney Street, Manchester	12.2	12.3	0.1	Negligible	Not applicable	Not significant
8-O-H131**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	12.3	12.2	-0.1	Negligible	Not applicable	Not significant
8-O-H132**	Halogen House, The Filaments, Gore Street, Manchester	14.4	14.6	0.2	Negligible	Not applicable	Not significant
8-O-H133**	Transport House, A6 Crescent, Salford	12.9	12.8	-0.1	Negligible	Not applicable	Not significant
8-O-H134**	Church Street, Manchester	14.4	14.6	0.2	Negligible	Not applicable	Not significant
8-O-H135**	Oxid House, Newton Street, Manchester	13.7	13.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H136**	Thomas Street, Manchester	13.5	13.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H137**	Hospice, Salford Royal, A6 Crescent, Salford	14	13.9	-0.1	Negligible	Not applicable	Not significant
8-O-H138**	Chapel Street, Salford	14.5	14.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H139**	Chapel Street, Salford	14.4	14.3	-0.1	Negligible	Not applicable	Not significant
8-O-H140**	Chapel Street, Salford	13.6	13.7	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H141**	Chapel Street, Salford	12.8	12.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H142**	Oldham Road, Manchester	12.5	12.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H143**	Abbott Community School, Sudell Street, Manchester	11.9	11.8	-0.1	Negligible	Not applicable	Not significant
8-O-H144**	The Unicorn Nursery, Lower Broughton Road Salford	11.6	11.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H145**	Grange Road, Eccles	15.2	15.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H146**	Wheater's Street, Salford	11.9	12	0.1	Negligible	Not applicable	Not significant
8-O-H147**	Rochdale Road, Manchester	12.4	12.3	-0.1	Negligible	Not applicable	Not significant
8-O-H148**	Lower Broughton Road, Salford	11.7	11.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H149**	Bury New Road, Manchester	13.4	13.3	-0.1	Negligible	Not applicable	Not significant
8-O-H150**	Kapoor Communications Ltd, Bury New Road, Manchester	12.6	12.5	-0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H151**	Cheetwood Primary School, Waterloo Road, Manchester	12.3	12.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H152**	Arrow Street, Salford	12.1	12.2	0.1	Negligible	Not applicable	Not significant
8-O-H153**	Farm Lane, Worsley	17.6	17.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H154**	Ramsgate Street Salford	12.2	12.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H155**	Great Clowes Street, Salford	13	13	< 0.1	Negligible	Not applicable	Not significant
8-O-H156**	Bugle Close, Salford	13.1	13.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H157**	Elizabeth Street, Manchester	13.1	13.2	0.1	Negligible	Not applicable	Not significant
8-O-H158**	Queens Road, Manchester	12.9	12.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H159**	Overcombe Walk, Manchester	12.8	12.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H160**	Cheetham Hill Road, Manchester	12.8	12.7	-0.1	Negligible	Not applicable	Not significant
8-O-H161**	Waterloo Road, Manchester	12.9	13	0.1	Negligible	Not applicable	Not significant
8-O-H162**	Waterloo Road, Manchester	13	13.1	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H163**	Elizabeth Street, Manchester	13.4	13.5	0.1	Negligible	Not applicable	Not significant
8-O-H164**	Great Cheetham Street, West Salford	12.8	12.7	-0.1	Negligible	Not applicable	Not significant
8-O-H165**	Elizabeth Street, Manchester	13.3	13.4	0.1	Negligible	Not applicable	Not significant
8-O-H166**	Malimson Bourne, Hilton Street North, Salford	13.4	13.2	-0.2	Negligible	Not applicable	Not significant
8-O-H167**	Great Cheetham Street, East Salford	13.5	13.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H168**	Smedley Street, Manchester	12.6	12.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H169**	St. Mark's Church of England Primary School, Aviary Road Manchester	13.6	13.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H170**	Hawthorne Drive, Worsley	14.3	14.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H171**	Manthorpe Avenue, Manchester	14.9	14.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H172**	The Lodge, Wardley Hall, Wardley Hall Road, Worsley	13.5	13.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H173**	Manchester Road, Wardley, Swinton	13.6	13.6	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H174**	Manchester Road, Wardley, Swinton	14.3	14.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H175**	Sindley Road, Wardley, Swinton	13	13	< 0.1	Negligible	Not applicable	Not significant
8-O-H176**	Clifton Primary School, Newton	12.7	12.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H177**	Memorial Cottages, Manchester Road, Manchester	14	14	< 0.1	Negligible	Not applicable	Not significant
8-O-H178**	Manchester Road, Newton	16.1	16.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H179**	Prestwick Hospital, Sedgley Avenue, Prestwich	13.4	13.4	< 0.1	Negligible	Not applicable	Not significant
8-O-H180**	Cloughside College, Sedgley Avenue, Prestwich	13.3	13.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H181**	Glenmere Close, Prestwich	14.7	14.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H182**	Philips Park Road East, Prestwich	15.5	15.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H183**	Our Lady of Grace Roman Catholic Primary School, Highfield Road Manchester	13.8	13.8	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM ₁₀ concentrations (µg/m ³)		Change in PM ₁₀ concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H184**	Stanley Avenue North, Prestwich	14.8	14.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H185**	Greenbank, Hardmans Road, Prestwich	16.1	16.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H186**	Warwick Avenue, Whitefield	15.4	15.4	< 0.1	Negligible	Not applicable	Not significant
8-O-H187**	Kensington Street, Whitefield	17.9	17.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H188**	St. Margaret's Church of England Primary School, Heywood Road Manchester	13.2	13.2	< 0.1	Negligible	Not applicable	Not significant

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

Table 17: Predicted annual mean PM_{2.5} concentrations and impacts (operation phase)

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H001	Polygon Street, Manchester	9.0	9.0	< 0.1	Negligible	Negligible	Not significant
8-O-H002	Vacant Plot North East Of The Vallance Centre Brunswick Street Manchester	8.8	8.7	-0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H005	Medlock Primary School, Ardwick Green South, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-O-H009	Medlock Primary School, Ardwick Green South, Manchester	8.2	8.2	< 0.1	Negligible	Negligible	Not significant
8-O-H012	Ormond Building, Manchester Metropolitan University, Lower Ormond Street, Manchester	9.3	9.3	< 0.1	Negligible	Negligible	Not significant
8-O-H013	Manchester Metropolitan University Estates Directorate, Oxford Road, Manchester	9.5	9.4	-0.1	Negligible	Negligible	Not significant
8-O-H014	Ardwick Green South, Manchester	8.7	8.8	0.1	Negligible	Negligible	Not significant
8-O-H015	Higher Ardwick, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-O-H016	Higher Ardwick, Manchester	8.5	8.4	-0.1	Negligible	Negligible	Not significant
8-O-H017	John Dalton Building, Manchester Metropolitan	9.8	9.8	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
	University, Chester Street, Manchester						
8-O-H018	Higher Ardwick, Manchester	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-O-H019	Brydon Court, Union Street, Ardwick, Manchester	8.4	8.3	-0.1	Negligible	Negligible	Not significant
8-O-H020	Spirit Studios, 65-69 Downing Street, Manchester	9.6	9.7	0.1	Negligible	Negligible	Not significant
8-O-H021	Lockton Court, Lockton Close, Manchester	9.2	9.2	< 0.1	Negligible	Negligible	Not significant
8-O-H022	Cotter Street, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-O-H023	The University of Manchester, Ferranti Building, Manchester	9.5	9.4	-0.1	Negligible	Negligible	Not significant
8-O-H024	Mill Point Student Accommodation, 29 Berry Street, Manchester	9.1	9.0	-0.1	Negligible	Negligible	Not significant
8-O-H025	Star and Garter (PH), Fairfield Street, Manchester	8.9	9.1	0.2	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H026	Sackville Street Building, University of Manchester, Sackville Street, Manchester	9.2	9.1	-0.1	Negligible	Negligible	Not significant
8-O-H027	The Bulls Head, London Road, Manchester	9.4	9.3	-0.1	Negligible	Negligible	Not significant
8-O-H028	City College Manchester, 34 Whitworth Street, Manchester	9.3	9.2	-0.1	Negligible	Negligible	Not significant
8-O-H029	Monroes Bar Hotel, 38 London Road, Manchester	9.2	9.1	-0.1	Negligible	Negligible	Not significant
8-O-H030	The Plaza, Every Street, Manchester	9.6	9.6	<0.1	Negligible	Negligible	Not significant
8-O-H031	Chapelton Street, Manchester	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-O-H032	Portland Street, Manchester	9.5	9.4	-0.1	Negligible	Negligible	Not significant
8-O-H033	Chapelton Street, Manchester	8.2	8.1	-0.1	Negligible	Negligible	Not significant
8-O-H034	Chapelton Street, Manchester	7.9	7.9	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H037	Victoria House Great Ancoats Street Manchester	8.6	8.4	-0.2	Negligible	Negligible	Not significant
8-O-H038	La Reserve Hotel, Ducie Street, Manchester	8.6	8.7	0.1	Negligible	Negligible	Not significant
8-O-H039	Wharf Close, Manchester	8.6	8.3	-0.3	Negligible	Negligible	Not significant
8-O-H040	Quantum Apartments, Chapeltown Street, Manchester	8.7	8.6	-0.1	Negligible	Negligible	Not significant
8-O-H042	Albion Works, Block B, Pollard Street, Manchester	8.3	8.2	-0.1	Negligible	Negligible	Not significant
8-O-H043	Piccadilly, Manchester	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-O-H044	Paton Street, Manchester	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-O-H045	Junction Works, Ducie Street, Manchester	8.5	8.5	< 0.1	Negligible	Negligible	Not significant
8-O-H046	Dale Street, Manchester	8.5	8.6	0.1	Negligible	Negligible	Not significant
8-O-H047	Part Site Bounded by Ducie Street, The Rochdale Canal, Peak Street, Tariff Street, Manchester	8.6	8.6	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H048	Oxygen Tower Manchester City, Store Street, Manchester	8.9	8.6	-0.3	Negligible	Negligible	Not significant
8-O-H049	Oxygen Tower Manchester City, Store Street, Manchester	8.6	8.4	-0.2	Negligible	Negligible	Not significant
8-O-H050	Islington Wharf Locks, Old Mill Street, Manchester	9.1	8.8	-0.3	Negligible	Negligible	Not significant
8-O-H051	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-O-H052	Old Mill Street, Manchester	8.2	8.1	-0.1	Negligible	Negligible	Not significant
8-O-H053	Little Learning Ladder Nursery, The Chips, 2 Lampwick Lane, Manchester	7.8	7.7	-0.1	Negligible	Negligible	Not significant
8-O-H054	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-O-H055	Tiddlywinks Day Nursery, Taunton Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H056	St Anne's Roman Catholic Primary School, Carruthers Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-O-H057	Crown and Anchor (PH), Hilton Street, Manchester	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-O-H058	Weavers Quay, Old Mill Street, Manchester	8.1	8.0	-0.1	Negligible	Negligible	Not significant
8-O-H059	Munday Street, Manchester	8.0	7.9	-0.1	Negligible	Negligible	Not significant
8-O-H061	Towcester Close, Manchester	8.0	7.9	-0.1	Negligible	Negligible	Not significant
8-O-H062	Crossley Court, Pollard Street, Manchester	8.0	7.9	-0.1	Negligible	Negligible	Not significant
8-O-H063	Houldsworth Street, Manchester	8.7	8.6	-0.1	Negligible	Negligible	Not significant
8-O-H064	Tavery Close, Manchester	8.2	8.1	-0.1	Negligible	Negligible	Not significant
8-O-H065	MM2 Apartments, Pickford Street, Ancoats	9.2	9.1	-0.1	Negligible	Negligible	Not significant
8-O-H066	Gore Street, Manchester	9.0	9.1	0.1	Negligible	Negligible	Not significant
8-O-H067	Chapel Street, Salford	8.9	9.0	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H068	Chapel Street, Salford	8.9	8.9	< 0.1	Negligible	Negligible	Not significant
8-O-H069	Old Mill Street, Manchester	8.2	8.1	-0.1	Negligible	Negligible	Not significant
8-O-H070	City Point, Chapel Street, Salford	9.2	9.2	< 0.1	Negligible	Negligible	Not significant
8-O-H071	Great Ancoats Street, Ancoats, Manchester	8.7	8.7	< 0.1	Negligible	Negligible	Not significant
8-O-H072	Trinity Edge, St. Mary Street, Salford	9.0	9.0	< 0.1	Negligible	Negligible	Not significant
8-O-H073	Old Mill Street, Manchester	8.0	7.9	-0.1	Negligible	Negligible	Not significant
8-O-H074	The City Warehouse Aparthotel. 6-14 Great Ancoats Street, Manchester	8.8	8.7	-0.1	Negligible	Negligible	Not significant
8-O-H075	City Point, Chapel Street, Salford	8.4	8.4	< 0.1	Negligible	Negligible	Not significant
8-O-H078	Crown and Kettle PH, 2 Oldham Road, Ancoats, Manchester	9.5	9.4	-0.1	Negligible	Negligible	Not significant
8-O-H080	Ring Road, Manchester	9.1	9.0	-0.1	Negligible	Negligible	Not significant
8-O-H082	Bevill Square, Salford	8.4	8.5	0.1	Negligible	Negligible	Not significant
8-O-H083	Addington Street, Manchester	8.7	8.7	< 0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H086	Bradford Road, Manchester	8.2	8.0	-0.2	Negligible	Negligible	Not significant
8-O-H087	Bradford Road, Manchester	8.3	8.2	-0.1	Negligible	Negligible	Not significant
8-O-H088	Cranfield Close, Manchester	8.3	8.2	-0.1	Negligible	Negligible	Not significant
8-O-H089	Swan House Swan Street Manchester	8.7	8.6	-0.1	Negligible	Negligible	Not significant
8-O-H090	Blackfriars Road, Salford	8.6	8.7	0.1	Negligible	Negligible	Not significant
8-O-H091	Angel Street, Manchester	8.9	8.8	-0.1	Negligible	Negligible	Not significant
8-O-H092	Angel Street, Manchester	9.3	9.2	-0.1	Negligible	Negligible	Not significant
8-O-H094	Butler Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-O-H096	Butler Street, Manchester	7.8	7.8	< 0.1	Negligible	Negligible	Not significant
8-O-H097	Butler Street, Manchester	8.0	7.9	-0.1	Negligible	Negligible	Not significant
8-O-H098	Corporation Street, Manchester	8.8	8.8	< 0.1	Negligible	Negligible	Not significant
8-O-H099	Greengate, Salford	8.0	8.1	0.1	Negligible	Negligible	Not significant
8-O-H100	Trinity Way, Manchester	8.8	8.9	0.1	Negligible	Negligible	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H101	Beaumont Building, Mirabel Street, Cheetham Hill	8.3	8.4	0.1	Negligible	Negligible	Not significant
8-O-H102	Aspin Lane, Manchester	8.8	8.7	-0.1	Negligible	Negligible	Not significant
8-O-H103	Brookhill Street, Manchester	8.2	8.1	-0.1	Negligible	Negligible	Not significant
8-O-H104	Cheetham Hill Road, Cheetham Hill, Manchester	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-O-H105	Hulme Hall Lane, Manchester	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-O-H106	Beckford Street, Manchester	8.1	8.1	< 0.1	Negligible	Negligible	Not significant
8-O-H107	Danswood, Philips Park Road, Whitefield	8.6	8.6	< 0.1	Negligible	Negligible	Not significant
8-O-H108	Outwood Cottage, Philips Park, Whitefield	8.3	8.3	< 0.1	Negligible	Negligible	Not significant
8-O-H109**	Schuster Building, Manchester University, Upper Brook Street, Manchester	8.2	8.2	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H110**	Cambridge Mill, Cambridge Street, Manchester	9.0	9.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H111**	Sugden Sports Centre, 114 Grosvenor Street, Manchester	9.0	9.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H112**	Manchester Institute of Biotechnology, Princess Street, Manchester	9.8	9.7	-0.1	Negligible	Not applicable	Not significant
8-O-H113**	Lower Ormond Street, Manchester	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H114**	Manchester Institute of Biotechnology, Princess Street, Manchester	9.4	9.3	-0.1	Negligible	Not applicable	Not significant
8-O-H115**	The University of Manchester, Ferranti Building, Sackville Street, Manchester	9.4	9.4	< 0.1	Negligible	Not applicable	Not significant
8-O-H116**	Charles Street, Manchester	9.6	9.5	-0.1	Negligible	Not applicable	Not significant
8-O-H117**	Sackville Street, Manchester	9.2	9.1	-0.1	Negligible	Not applicable	Not significant
8-O-H118**	Whitworth Street West, Manchester	9.2	9.1	-0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H119**	Cotton Mill, Samuel Ogden Street, Manchester	9.4	9.3	-0.1	Negligible	Not applicable	Not significant
8-O-H120**	Portland Street, Manchester	9.5	9.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H121**	Piccadilly Place, Manchester	8.9	8.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H122**	Bloom Street, Manchester	8.9	8.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H123**	Nicholas Street, Manchester	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H124**	New Bailey Apartments, Ring Road, Manchester	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H125**	Booth Street, Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H126**	MA08/212 Car Park Between 57 And 59 Ducie Street Manchester	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H127**	Blisworth Close, Manchester	8.0	8.1	0.1	Negligible	Not applicable	Not significant
8-O-H128**	128911/FO/2020 - Laystall Street Manchester	8.4	8.3	-0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H129**	Kingsley House, Newton Street, Manchester	8.3	8.4	0.1	Negligible	Not applicable	Not significant
8-O-H130**	Gurney Street, Manchester	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H131**	130356/FO/2021 - Ancoats Dispensary Old Mill Street Manchester	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H132**	Halogen House, The Filaments, Gore Street, Manchester	9.1	9.2	0.1	Negligible	Not applicable	Not significant
8-O-H133**	Transport House, A6 Crescent, Salford	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H134**	Church Street, Manchester	9.1	9.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H135**	Oxid House, Newton Street, Manchester	8.7	8.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H136**	Thomas Street, Manchester	8.6	8.5	-0.1	Negligible	Not applicable	Not significant
8-O-H137**	Hospice, Salford Royal, A6 Crescent, Salford	8.9	8.8	-0.1	Negligible	Not applicable	Not significant
8-O-H138**	Chapel Street, Salford	9.2	9.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H139**	Chapel Street, Salford	9.1	9.1	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H140**	Chapel Street, Salford	8.6	8.7	0.1	Negligible	Not applicable	Not significant
8-O-H141**	Chapel Street, Salford	8.1	8.2	0.1	Negligible	Not applicable	Not significant
8-O-H142**	Oldham Road, Manchester	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H143**	Abbott Community School, Sudell Street, Manchester	7.8	7.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H144**	The Unicorn Nursery, Lower Broughton Road Salford	7.7	7.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H145**	Grange Road, Eccles	9.5	9.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H146**	Wheater's Street, Salford	7.9	7.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H147**	Rochdale Road, Manchester	8.1	8.0	-0.1	Negligible	Not applicable	Not significant
8-O-H148**	Lower Broughton Road, Salford	7.7	7.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H149**	Bury New Road, Manchester	8.6	8.5	-0.1	Negligible	Not applicable	Not significant
8-O-H150**	Kapoor Communications Ltd, Bury New Road, Manchester	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H151**	Cheetwood Primary School, Waterloo Road, Manchester	7.9	8.0	0.1	Negligible	Not applicable	Not significant
8-O-H152**	Arrow Street, Salford	8.0	8.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H153**	Farm Lane, Worsley	10.9	11.0	0.1	Negligible	Not applicable	Not significant
8-O-H154**	Ramsgate Street Salford	8.1	8.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H155**	Great Clowes Street, Salford	8.5	8.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H156**	Bugle Close, Salford	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H157**	Elizabeth Street, Manchester	8.5	8.6	0.1	Negligible	Not applicable	Not significant
8-O-H158**	Queens Road, Manchester	8.4	8.4	< 0.1	Negligible	Not applicable	Not significant
8-O-H159**	Overcombe Walk, Manchester	8.3	8.3	< 0.1	Negligible	Not applicable	Not significant
8-O-H160**	Cheetham Hill Road, Manchester	8.4	8.3	-0.1	Negligible	Not applicable	Not significant
8-O-H161**	Waterloo Road, Manchester	8.4	8.5	0.1	Negligible	Not applicable	Not significant
8-O-H162**	Waterloo Road, Manchester	8.5	8.6	0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H163**	Elizabeth Street, Manchester	8.7	8.8	0.1	Negligible	Not applicable	Not significant
8-O-H164**	Great Cheetham Street, West Salford	8.4	8.3	-0.1	Negligible	Not applicable	Not significant
8-O-H165**	Elizabeth Street, Manchester	8.7	8.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H166**	Malimson Bourne, Hilton Street North, Salford	8.7	8.6	-0.1	Negligible	Not applicable	Not significant
8-O-H167**	Great Cheetham Street, East Salford	8.8	8.8	< 0.1	Negligible	Not applicable	Not significant
8-O-H168**	Smedley Street, Manchester	8.3	8.2	-0.1	Negligible	Not applicable	Not significant
8-O-H169**	St. Mark's Church of England Primary School, Aviary Road Manchester	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H170**	Hawthorne Drive, Worsley	9.1	9.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H171**	Manthorpe Avenue, Manchester	9.5	9.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H172**	The Lodge, Wardley Hall, Wardley Hall Road, Worsley	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H173**	Manchester Road, Wardley, Swinton	8.7	8.7	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H174**	Manchester Road, Wardley, Swinton	9.1	9.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H175**	Sindley Road, Wardley, Swinton	8.3	8.4	0.1	Negligible	Not applicable	Not significant
8-O-H176**	Clifton Primary School, Newton	8.2	8.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H177**	Memorial Cottages, Manchester Road, Manchester	9.0	9.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H178**	Manchester Road, Newton	10.1	10.1	< 0.1	Negligible	Not applicable	Not significant
8-O-H179**	Prestwick Hospital, Sedgley Avenue, Prestwich	8.7	8.7	< 0.1	Negligible	Not applicable	Not significant
8-O-H180**	Cloughside College, Sedgley Avenue, Prestwich	8.6	8.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H181**	Glenmere Close, Prestwich	9.4	9.4	< 0.1	Negligible	Not applicable	Not significant
8-O-H182**	Philips Park Road East, Prestwich	9.9	9.9	< 0.1	Negligible	Not applicable	Not significant
8-O-H183**	Our Lady of Grace Roman Catholic Primary School, Highfield Road Manchester	9.0	9.0	< 0.1	Negligible	Not applicable	Not significant

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

SES2 and AP2 ES Volume 5, Appendix: AQ-001-0MA08

Air quality

MA08

Air quality report

Receptor	Description/Location	PM _{2.5} concentrations (µg/m ³)		Change in PM _{2.5} concentrations (µg/m ³)	Impact descriptor	Impact descriptor in the main ES, or the main ES as amended by SES1 and AP1 ES	Significance
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme				
8-O-H184**	Stanley Avenue North, Prestwich	9.6	9.6	< 0.1	Negligible	Not applicable	Not significant
8-O-H185**	Greenbank, Hardmans Road, Prestwich	10.2	10.2	< 0.1	Negligible	Not applicable	Not significant
8-O-H186**	Warwick Avenue, Whitefield	10.0	10.0	< 0.1	Negligible	Not applicable	Not significant
8-O-H187**	Kensington Street, Whitefield	11.5	11.5	< 0.1	Negligible	Not applicable	Not significant
8-O-H188**	St. Margaret's Church of England Primary School, Heywood Road Manchester	8.5	8.5	< 0.1	Negligible	Not applicable	Not significant

Note: ** Indicates that receptor is new to the SES2 and AP2 ES.

- 4.4.7 The annual mean NO₂, PM₁₀ and PM_{2.5} concentrations are predicted to be within the air quality standards during operation of the AP2 revised scheme. Since the annual mean NO₂ concentrations are predicted to be well below 60µg/m³, the hourly mean standard is also expected to be met. Similarly, since the annual mean PM₁₀ concentrations are predicted to be below 35µg/m³, the daily mean standard is also expected to be met.
- 4.4.8 Negligible impacts are predicted at all human receptors in the area for annual mean NO₂, PM₁₀ and PM_{2.5} concentrations.

Assessment of significance

- 4.4.9 No significant effects are anticipated at any receptors in relation to annual mean NO₂, PM₁₀ and PM_{2.5} concentrations.
- 4.4.10 There are no new or different significant effects from the operation of the AP2 revised scheme compared to the main ES.

High Speed Two (HS2) Limited

Two Snowhill

Snow Hill Queensway

Birmingham B4 6GA

Freephone: 08081 434 434

Minicom: 08081 456 472

Email: HS2enquiries@hs2.org.uk