



Transport for
Greater Manchester

Highways Forecasting and Analytical Services

The Greater Manchester Emissions Dispersion Model – 2016 Model Year

HFAS Report 1794 February 2014

Summary

This report describes the **Greater Manchester Emissions Dispersion Model (GMEDIS)** 2016 model run. The model covers the entire of Greater Manchester with an area of approximately 1275 km².

HFAS Report 1794

February 2014

TfGM, 2 Piccadilly Place, Manchester, M1 3BG
www.tfgm.com / www.gmtu.gov.uk

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Contents

1.	Introduction	4
2.	Model Input Data.....	5
2.1	Emissions data	5
2.1.1	Line Sources	7
2.1.1.1	Roads.....	7
2.1.1.2	Rail.....	10
2.1.1.3	Airport	11
2.1.2	Point sources	11
2.1.3	Area sources.....	11
2.2	Meteorological Data	11
2.2.1	2006 Meteorological Data	11
2.2.2	2010 Meteorological Data	13
2.3	Background Concentrations	14
2.4	Modelling Areas.....	15
2.5	Model Parameters	15
2.6	Creating upl files.....	17
3.	Results of the 2016 model runs.....	18
3.1	Model Run 1	18
3.2	Model Run 2	18
3.3	Model Run 3	18
3.3.1	NO ₂ Results.....	18
3.3.2	PM ₁₀ Results	19
4.	References.....	22
	Appendices	23
	Appendix 1 Changes to the Point Source and Stack data.....	24
	Appendix 2 Time Varying Emission Profiles for Road Traffic Emissions	28
	Appendix 3 Maps of modelled emissions	30
	Appendix 4 Receptor Point Locations.....	35
	Appendix 5 Receptor Point Results	71
	Appendix 6 Fleet Composition data.....	104

1. Introduction

The report describes using the Greater Manchester emissions dispersion model (Reference 1), referred to as GMEDIS, to produce emissions concentrations for a 2016 model year. The work was undertaken on behalf of the Greater Manchester Public Protection Partnership (GMPPP) and was funded by grants from Defra and the ten Greater Manchester local authorities. The model results will be used to support the work of the GMPPP and the GM local authorities in the discharge of their air quality duties under the Environment Act 1995. This report describes the modelling methodology to map the concentrations of nitrogen dioxide and particulates in Greater Manchester area.

ADMS-Urban (v2.3), developed by CERC¹, forms the basic modelling platform for GMEDIS. It is the most comprehensive version of the Atmospheric Dispersion Modelling System (ADMS) and is a PC-based model of dispersion in the atmosphere of pollutants released from industrial, domestic and road traffic sources in urban areas. ADMS-Urban models these using point, line, area, volume and grid source models.

A significant difference between ADMS-Urban and other models used for air dispersion modelling in urban areas is that ADMS-Urban applies up-to-date physics using parameterisations of the boundary layer structure based on the Monin-Obukhov length and the boundary layer height. Other models characterise the boundary layer imprecisely in terms of the Pasquill stability parameter. In ADMS-Urban the boundary layer structure is defined in terms of measurable physical parameters, which allow for a realistic representation of the changing characteristics of dispersion with height. The result is generally a more accurate and soundly based prediction of the concentrations of pollutants.

The ADMS-Urban model has been comprehensively verified in a large number of studies. This includes comparisons with data from the UK's Automatic Urban and Rural Network (AURN) during consultancy studies and specific validation exercises using standard field, laboratory and numerical data sets. Further details can be found on the CERC website (Reference 2).

¹ CERC - Cambridge Environmental Research Consultants

2. Model Input Data

2.1 Emissions data

ADMS-Urban has the ability to model 1500 road sources, 1500 industrial sources and one grid source (with up to 3000 cells) in any one model run. The grid source is a matrix of identically sized cells where each cell contains the total emissions of all pollutants from all sources within that cell, such as industrial sources, road sources and residual emissions.

The original project specification was to produce model results for 2016 as a forecast year based on the validated 2006 model data, but with forecast 2016 road data. The initial model run was setup with 2006 base data. There was a collective decision to wait for the new road emission factors from NAEI that were based on the Copert 8.1 factors as there was growing uncertainty surrounding the existing factors. It was thought that the new factors would resolve the issues with primary Nitrogen Dioxide (NO_2) in the original factors. There was some delay in these factors being released and coupled with the delays in modelling the base year it was decided to model using as much of the 2010 emissions inventory as possible. All of the 2010 inventory data was used with the exception of point source and stack data. The 2016 forecast road data was used across all of the modelling runs. The existing 2006 point source and stack data was used due to the time required to collate new stack information corresponding to the 2010 point source inventory data. However, any major changes to the point source data that we had been notified of by the Districts were incorporated e.g. new processes or closed processes. A list of these changes can be found in Appendix 1. Table 2.1 gives a summary of the differences between the model runs.

Table 2.1

Summary of model runs				
Run Number	Input Emissions Year	Version	Road Factors	Description
1	2006	1	NAEI from summer 2012 based on Copert 8.1 with adjusted minimum speed factors	Using the 2006 emissions inventory but with 2016 road data and major changes to point source and stack data
2	2010	1	NAEI from summer 2012 based on Copert 8.1 with adjusted minimum speed factors	Using the 2010 emissions inventory but with 2016 road data and major changes to point source and stack data.
3	2010	2	NAEI from summer 2012 based on Copert 8.1 with adjusted minimum speed factors	Using the 2010 emissions inventory but with 2016 road data and major changes to point source and stack data. Amended PM10 values.

The majority of the emissions data was taken from the **EMissions Inventory for Greater Manchester, EMIGMA** (Reference 3). Three types of emissions are considered:

- line sources – major roads, rail and airport (aircraft landing and take-off, referred to as LTO)
- point sources – large industrial stack emissions
- area sources – other non-explicitly defined and diffuse emissions such as domestic and commercial combustion and non-major road emissions, e.g. arising from minor roads, cold engine starts etc.

Table 2.2 gives the total number of sources by type.

Table 2.2

Summary of Source Types		
Source Type	Description	Number
Line Sources	Roads, rail and airport	10355
Point Sources	Large industrial stack emissions	207
Grid Sources	Aggregated total emissions.	1407 (cells)

2.1.1 Line Sources

2.1.1.1 Roads

The emissions from road links are taken from a 2016 EMIGMA forecast. The 2016 highway networks that were used for the EMIGMA forecast were formed from the forecast year networks that were created for the appraisal of the Metrolink Second City Crossing scheme. These networks included all schemes deemed to be “committed”, where committed schemes had to meet one or more of the following criteria:

- scheme completed since 2009
- scheme construction in progress
- scheme funding allocated
- scheme is part of the Highways Agency programme
- scheme likely to be completed by the forecast year

The schemes included in the forecast year networks were:

- Cross City Bus Package including restrictions for traffic on Princess Street
- closure of Victoria Street
- cooperative development and rerouting of traffic from Miller Street
- Leigh Salford Manchester Guided Busway
- Chapel Street Regeneration and Calming Measures
- St Peters Square Regeneration (closure to all traffic)

Besides adding these schemes, the traffic signal timings in the networks were “optimised” after convergence of the initial traffic assignments, and then subjected to a further traffic assignment convergence; automatic SATURN procedures were used to adjust the green times and offset times to minimise delays. This was done to reflect the adjustment of signals that occurs as traffic flows change over time, as well as the continuing rollout of demand-responsive control mechanisms such as SCOOT² and MOVA³.

The demand forecasts were derived using the Greater Manchester Strategy Planning Model (GMSPM2, Reference 6). This is a land use / transport interaction model covering the Greater Manchester area in detail and areas beyond in less

2 SCOOT - Split Cycle Offset Optimisation Technique

3 MOVA - Microprocessor Optimised Vehicle Actuation

detail. The work was undertaken by MVA Consultancy, who provided TfGM HFAS with Second City Crossing demand forecasts for each of the two forecast years for this scheme.

The assumptions on population and employment growth used to derive the forecasts came from a variety of sources, namely:

- the relevant planning departments within Greater Manchester and Manchester Airport Group (MAG) for passenger and employee growth and development at and around Manchester Airport for specific developments included in their Local Development Frameworks
- Local Development Framework datasets for developments elsewhere in Greater Manchester
- the National Trip End Model (NTEM) dataset 6.2 forecasts
- the National Transport Model forecasts (for freight traffic)

The methodology used to derive forecasts involved:

- extracting population and employment forecasts from the work undertaken to assess the transport impacts of the Greater Manchester Local Development Frameworks
- constraining the population and employment growth forecasts to the overall growth level implied by NTEM 6.2 at the district level within Greater Manchester the pre-2009 district level for Cheshire East and at the county level elsewhere
- applying the External Forecasting Model to produce forecasts of the future year travel demand.

The emissions for each link of the 2016 forecast network were calculated. A summary of how these emissions were calculated is given in HFAS Report 1750 (Reference 4). The output major road network contained 9931 links. Some of these links have more than 50 vertices or points to describe their shape. However, 50 is the maximum permitted in ADMS-Urban. All line sources exceeding this limit were simplified using MapInfo (a Geographical Information System or GIS) to reduce the number of vertices to ensure that the links complied with the model restrictions .

An important input value for each road link is its average width and software was developed to automatically determine average link width in a two-stage process. In the first stage a MapBasic program draws 'width lines' at one metre intervals along the length of the link. These width lines are perpendicular to the road centreline from one pavement edge to the other. The lines are then cut at the points where they intersect any non-road objects, e.g. buildings, in the Ordnance Survey's MasterMap data, and sections that do not intersect with the road in question are deleted. In the

second stage the remaining width lines are further processed using a Visual Basic .Net application to calculate the average length of the set of width lines for each link. Any width lines in a set that are outside two standard deviations from the mean width are discarded because they are likely to represent, e.g. pedestrian refuges or junctions with side roads. In addition, some manual inspection is also required to remove any width lines that do not correspond to the width across a road in circumstances that cannot be automatically filtered by the software. Finally, the average width is recalculated for the link.

The default height for the roads was set as zero metres, but some links had their elevation set manually for raised sections of roads e.g. Mancunian Way and Barton Bridge.

ADMS-Urban models emissions that vary by time-of-day, day-of-month and month-of-year by applying time varying emission factors to the input emission rates. In the case of road traffic emissions, two types of factors are used:

- diurnal profiles which describe how emission rates vary by hour-of-day for each day of the week
- monthly profiles that describe how emission rates vary from one month to another.

Separate profiles were calculated for motorways and other roads. In the case of the diurnal factors, separate profiles were also derived for weekdays, Saturdays and Sundays.

2.1.1.1 Diurnal Profiles

The diurnal profiles describe how emission rates vary by time-of-day and day-of-week. They were calculated using data from two sources:

- Modelled estimates of AM peak, PM peak and average inter-peak hour traffic emissions calculated using the Atmospheric Emissions Inventory for Greater Manchester, (EMIGMA).
- Manual and Automatic Traffic Count, (ATC), data collected on motorways and other roads in Greater Manchester.

The traffic count data provides information about the variation in traffic flows throughout the year. The EMIGMA data provides details of mass emissions from traffic, on 'major' roads within Greater Manchester, at the network link level.

The main advantage of using the EMIGMA data in the analysis is that it allows the variation in emission rates with traffic speeds and vehicle composition to be accounted for when calculating the diurnal profiles, which would not be possible if traffic flow data alone had been used. This is important because, for example, the sharp fall in the proportions of heavy goods vehicles on motorways in the evening peak period can mean that emission rates on these roads in this part of the day fall, even though the total number of vehicles increases.

The procedure for calculating the profiles was as follows:

- First, the 2010 EMIGMA database was used to estimate total NO_x, PM₁₀ and CO₂ emissions by vehicle type in the AM peak, PM peak and off-peak periods, for weekdays, Saturdays and Sundays.
- Next, the traffic count data was used to determine the traffic flow profiles for each of the time periods and to apportion the calculated period emissions to their constituent hours, for motorways and other roads.
- Next, the calculated emissions in each of the hours were converted into average emission rates, expressed in grams per kilometre per second (g/km/s)
- Finally, the emission rate for each of the hours was divided by the average emission rate for that road type (also expressed in g/km/s) to determine the relationship between the hourly emission rates and the annual average emission rates as input to ADMS-Urban.

The calculated profiles are shown in Figure A2.1-Figure A2.6 of Appendix 2.

2.1.1.1.2 Monthly Profiles

The monthly profiles describe how emission rates vary between months of the year. These factors were calculated from ATC data on motorways and other roads, by calculating traffic flow indices describing the relationship between the 24 hour average all vehicle flow in each month of the year to the average annual 24 hour all vehicle flow.

The monthly profiles are shown in Figure A2.7 and Figure A2.8 of Appendix 2.

2.1.1.1.3 Validating the Time Varying Emission Profiles

The reliability of the emission profiles was checked by calculating link-based emission rates in g/km/s (as input to ADMS-Urban) from the 2010 EMIGMA database. The emission profiles were then applied to the emission rates to estimate daily, weekly, monthly and yearly emissions totals (expressed in tonnes) for each link in the highway network. The annual emissions over all links were then compared with the annual totals from EMIGMA for CO₂, NO_x and PM₁₀ emissions. In all three cases, the re-calculated emissions were within 0.3% of the original values, demonstrating that the emission profiles could accurately reproduce annual totals from the emission rates input to ADMS-Urban.

2.1.1.2 Rail

The lines representing rail tracks in Greater Manchester were taken from EMIGMA 2010 data and entered directly as line sources into ADMS-Urban with the height set at four metres.

2.1.1.3 Airport

To improve the accuracy of the emissions from the airport the aircraft emissions were split into three line sources - take-off, climb-out and approach. These three line sources were created for each of the two runways and for each direction on each runway to give 12 line sources. The climb-out and approach lines were split into four sections at heights of 33.75, 81.25, 128.75 and 176.26 metres. The length of these sections was determined by the approach and climb-out angles of 4.94° and 3° respectively. The take-off height was set at 10 metres.

2.1.2 Point sources

There are 885 industrial point sources in the 2006 EMIGMA database, including Part A and Part B processes, boilers and petrol stations. Stack data was provided for the most significant processes producing NO_x and PM₁₀. Stack data was also obtained for significant processes outside of GM. In total 207 stacks were defined, 168 within GM and 39 outside. Note that some industrial processes have more than one stack included in the model data. This data was used for both the 2006 and 2010 model runs. In both cases any major changes were incorporated. A list of these changes can be found in Appendix 1.

2.1.3 Area sources

EMIGMA also provides diffuse emissions, e.g. from minor roads and cold engine starts, and emissions from point sources not explicitly defined such as domestic and commercial combustion. More details can be found in the EMIGMA 2010 report (Reference 4). The area (grid) source file input to ADMS-Urban contains the total emissions of all pollutants from all sources. It is the sum of diffuse emissions, industrial (point), road, rail and airport sources arising within each 1km grid square. Before calculating the dispersion of grid source emissions, the model subtracts the explicitly defined source emissions from the grid source emission rates, leaving only the residual emissions. The grid was given a default depth of 10 metres.

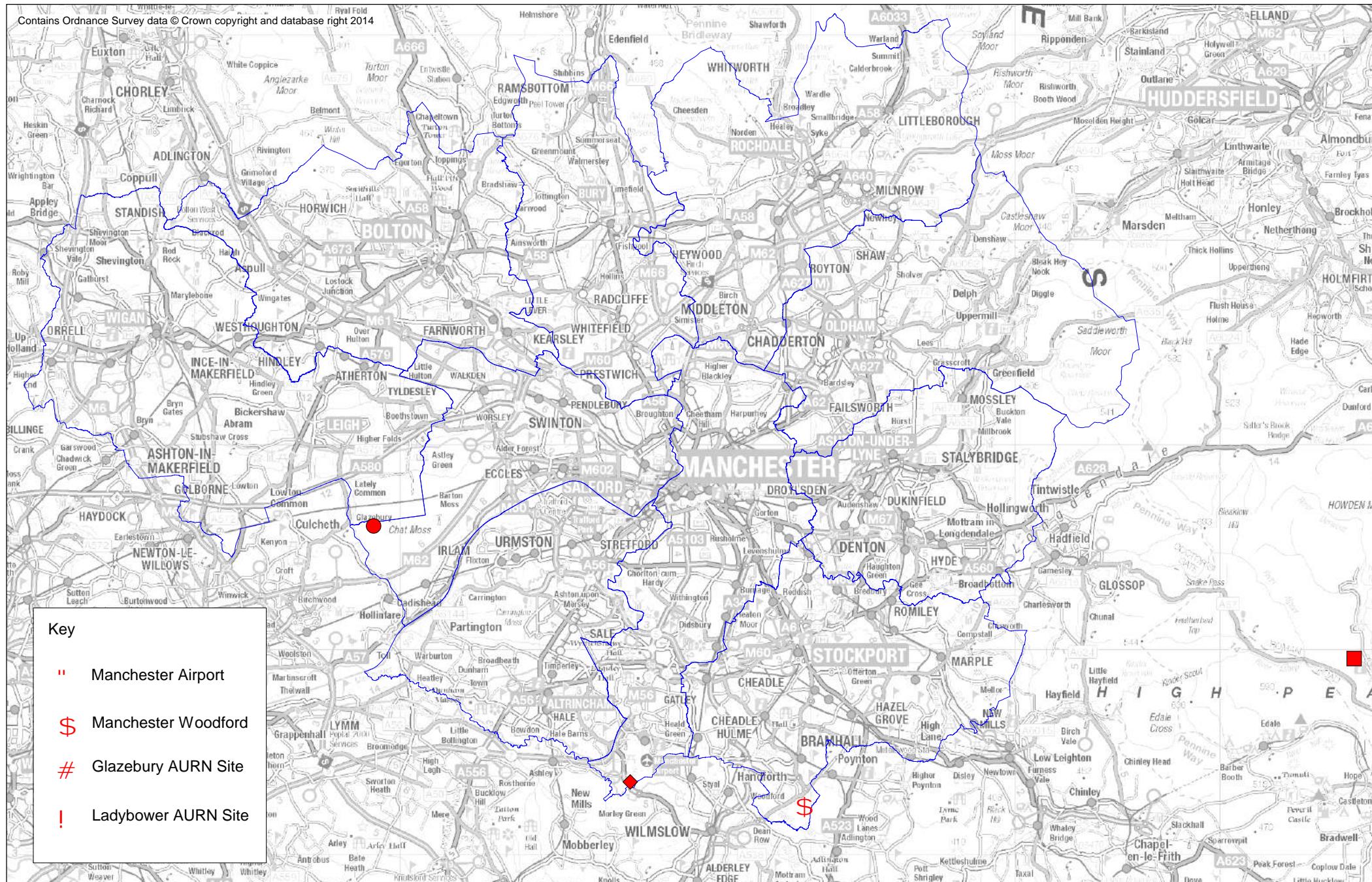
2.2 Meteorological Data

The following data was obtained for each hour of the relevant year.

- Temperature (°C)
- Wind speed (m/s)
- Wind direction (degrees)
- Precipitation rate (mm/hr)
- Cloud amount (oktas)

2.2.1 2006 Meteorological Data

Meteorological data was obtained from the Met Office for the Manchester Woodford observation station. Figure 1 shows the location of Manchester Woodford. A summary of the wind speed and direction is shown in the wind rose in Figure 2.



2 Piccadilly Place,
Manchester,
M1 3BG

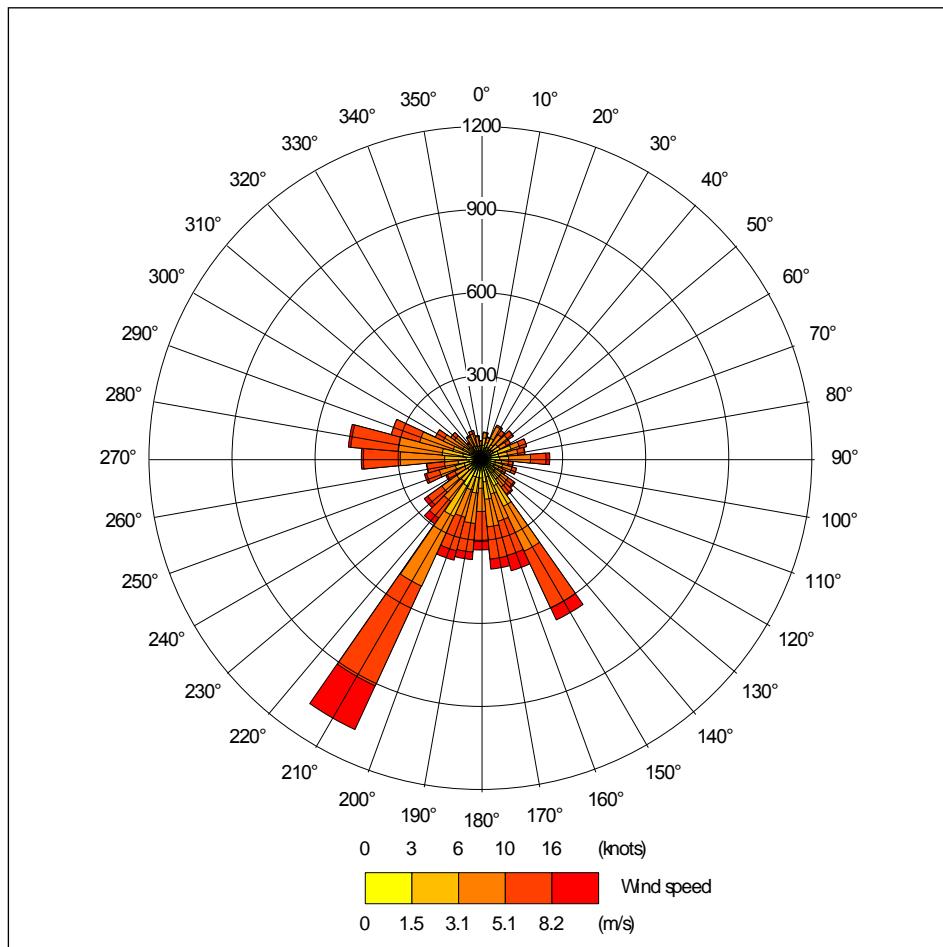
Location of Manchester Airport and Woodford Met Stations and Glazebury and Ladybower AURN Sites

Drawn By : I Hul

Scale : NTS

Date : 18/03/2014

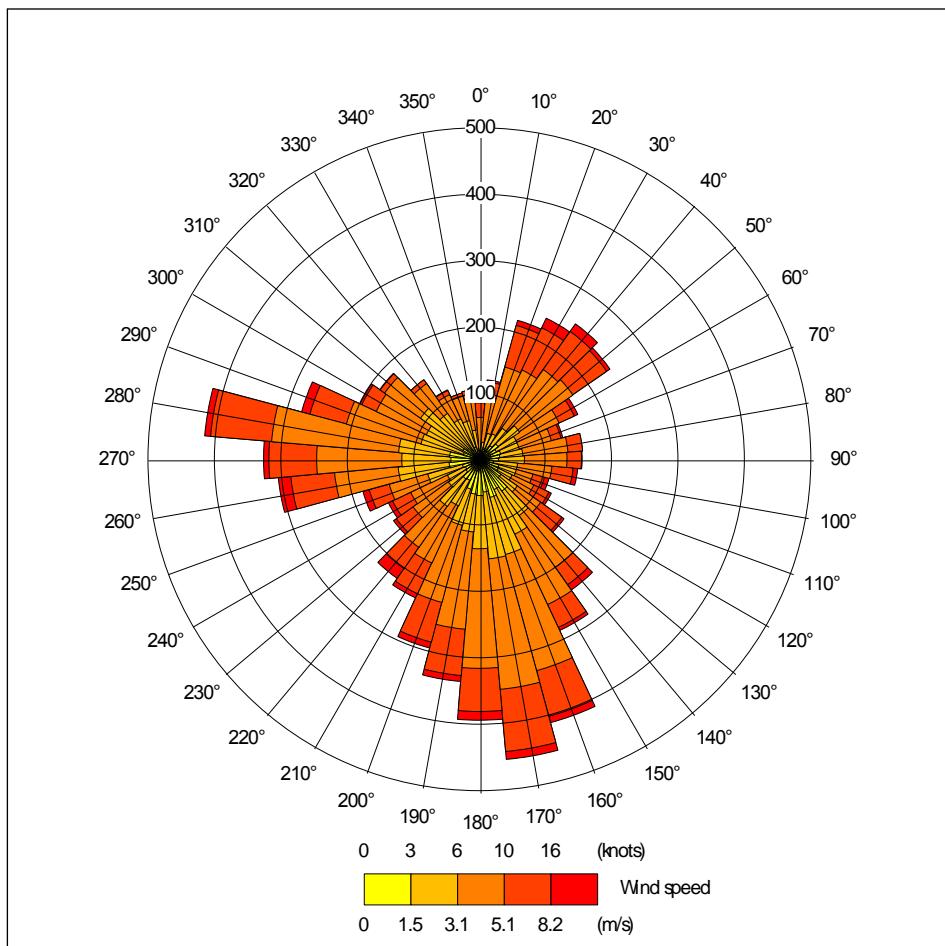
Report : 1794 Figure : 1

Figure 2 Manchester Woodford Wind Rose

2.2.2 2010 Meteorological Data

Meteorological data was obtained from the Manchester Airport observation station. Figure 1 shows the location of Manchester Airport.

A summary of the wind speed and direction is shown in the wind rose in Figure 3.

Figure 3 Manchester Airport Wind Rose

2.3 Background Concentrations

Background concentrations refer to an additional pollutant component arising from underlying or 'background' levels of pollutants in the atmosphere and from any sources of pollutant that are not otherwise included in the model run, such as those outside the area considered. Defra recommend that background data be taken from a rural site outside, and ideally upwind of, the modelled area. The pollutants NO_x, NO₂, O₃, PM₁₀ and SO₂ are required for each hour of the day. Glazebury was chosen as suitable local site. Its location is shown in Figure 1. However, there were problems with the data from this site:

- In 2006 there was no O₃ data at Glazebury after 02/10/06 08:00. The data that was available was compared to that from Ladybower (in Derbyshire, see Figure 1) and a good correlation was found, with a Pearson value (correlation coefficient) of 0.733. Consequently, it was judged acceptable to replace the missing data by data from the Ladybower site.
- There was no PM₁₀ data. Following consultations with AEA and CERC, data from Harwell was used to provide the background estimate. Our judgement was that Harwell data give a conservative (worst case) estimate of background PM₁₀ but this may lead to the model over-predicting PM₁₀.

concentrations.

- There was no SO₂ data. After consulting AEA and CERC we judged the Ladybower site was the best source for this background data.
- Glazebury lies within the modelling area. This creates a problem during verification as Glazebury is one of the monitored sites and will therefore introduce some double counting. This occurs because a small element of explicitly modelled source data is added to the background data by ADMS-Urban, which will already include that source. This will result in the model over predicting values at this monitoring site and must be taken into account when considering the verification results.

Any short periods of missing data from the Glazebury, Harwell or Ladybower sites were in-filled using the average over the whole year for the missing hour at the corresponding site.

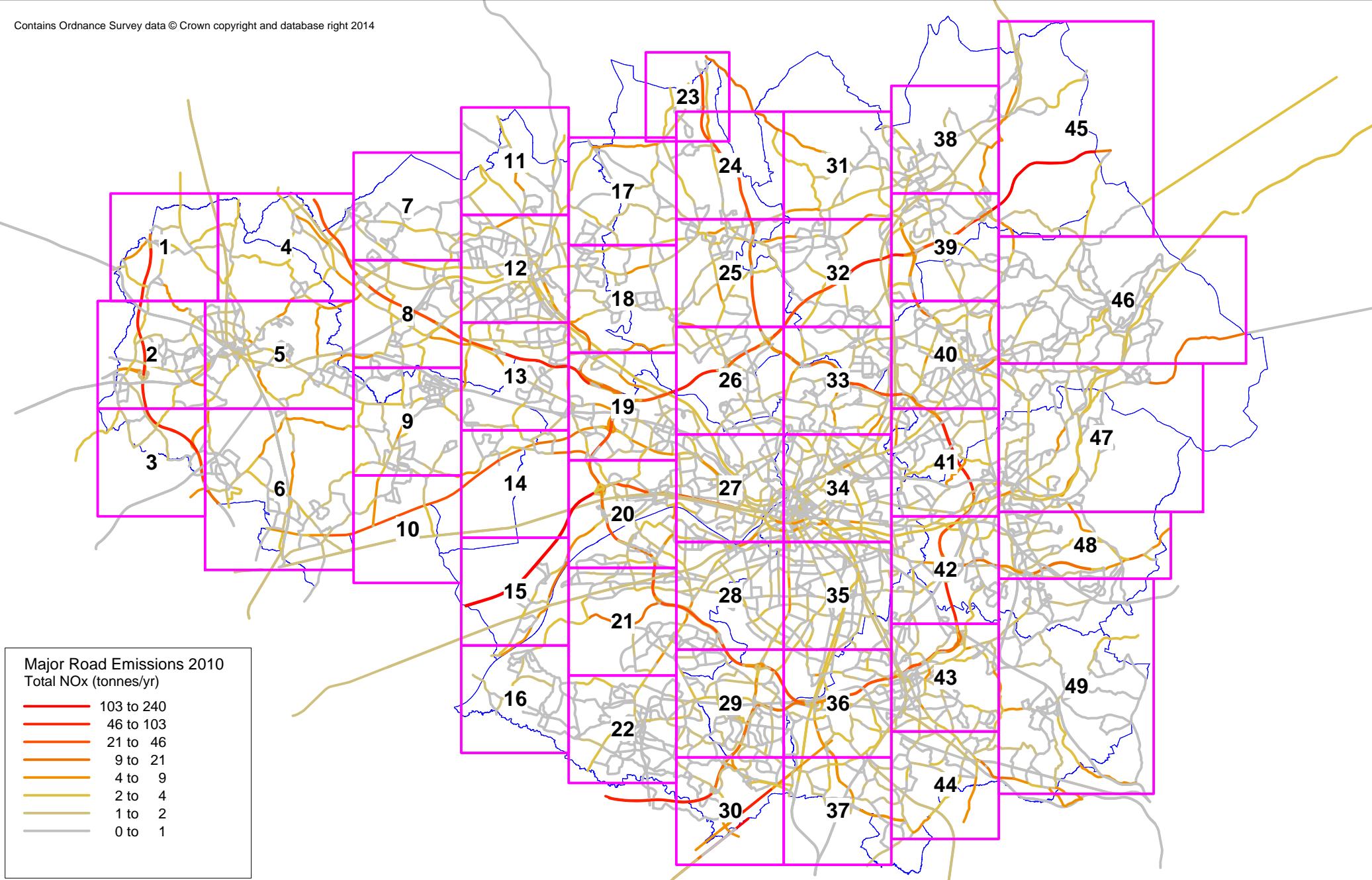
2.4 Modelling Areas

Given the limitations on the number of line, point and area sources that can be modelled in a single run of ADMS-Urban (see section 2.1) and the requirement for reasonable spatial resolution GM must be broken up into a number of modelling areas. The number of modelling areas must be weighed against the total run time. If too many modelling areas are used it becomes impracticable to model an area the size of GM. The modelling areas were agreed after consultation with the GM local authorities. The majority were 5 km square. A number were larger and covered areas with relatively little urban development, for example in the north and east of GM. In total, 49 modelling areas were created as shown in Figure 4. An agreement was reached (with the local authorities) that if more detailed modelling at a higher spatial resolution was required in specific areas then this could be undertaken at a later stage.

2.5 Model Parameters

The surface roughness, which characterises the effect of the land surface on wind speed and turbulence, is a key model parameter and was set at 0.5m. The minimum Monin-Obukhov length provides a measure of the stability of the atmosphere and is another key parameter. It was set to 30m, which is the recommended value for cities and large towns. During the verification stage of model sensitivity tests were performed on these parameters. The results are given in section 3.2.

ADMS-Urban optionally calculates the chemical reactions in the atmosphere between nitric oxide (NO), nitrogen dioxide (NO₂), ozone (O₃) and volatile organic compounds (VOCs). In this verification the Chemical Reaction scheme was chosen as the modelling chemistry within ADMS-Urban. The Chemical Reaction scheme incorporates the set of eight reactions known as the 'Generic Reaction Set' (Venkatram *et al.*, 1994. Reference 5) for the photochemical reactions between NO, NO₂, O₃, and SO₂ and the oxidation of SO₂ that lead to the formation of ammonium sulphate particles i.e. PM₁₀.



2.6 Creating upl files

ADMS-Urban model runs are normally started using a graphical user interface to interactively define the input model parameters and source data files etc. The interface saves this configuration information in a file with a .upl suffix to its filename. Given the number of modelling areas for GM, and the likelihood that several iterations would be required in the calibration and verification process, an automatic procedure was developed to create upl files for any number of modelling areas. The procedure operates in two stages. In the first stage, a MapBasic program is run which allows the user to select the files containing the data for the line sources, grid sources and point sources and the coordinates of the modelling areas. The user then interactively selects one or more modelling areas and the program creates a set of intermediary files containing the required data for stage two.

In stage two, a Visual Basic .Net application reads a template upl file and replaces the dummy source data with actual data from the intermediary files created in stage one. This application also creates a second input file with the extension .fac. The fac file contains the set of time-varying emissions profiles that are applied to the road sources. Finally, the application creates a batch file (.bat) that loads the upl file into ADMS-Urban, initiates the run, and executes a program to send an email notification when the run has completed.

3. Results of the 2016 model runs

The model was run three times and Table 2.1 gives a summary of the differences between the model runs.

3.1 Model Run 1

The first model run was set up with 2006 emissions inventory data and the 2016 data road data. After the model runs had completed HFAS was asked to extend the project by using the 2010 emissions inventory. We also obtained new 2010 meteorological and background data.

3.2 Model Run 2

This run used the 2010 emissions inventory and 2010 meteorological and background data.

3.3 Model Run 3

When looking at the PM₁₀ results from model run 2 an error was noticed in the data from the 2006 emissions inventory that was used for the original model validation runs. One process had an incorrect amount of annual PM₁₀ emissions.

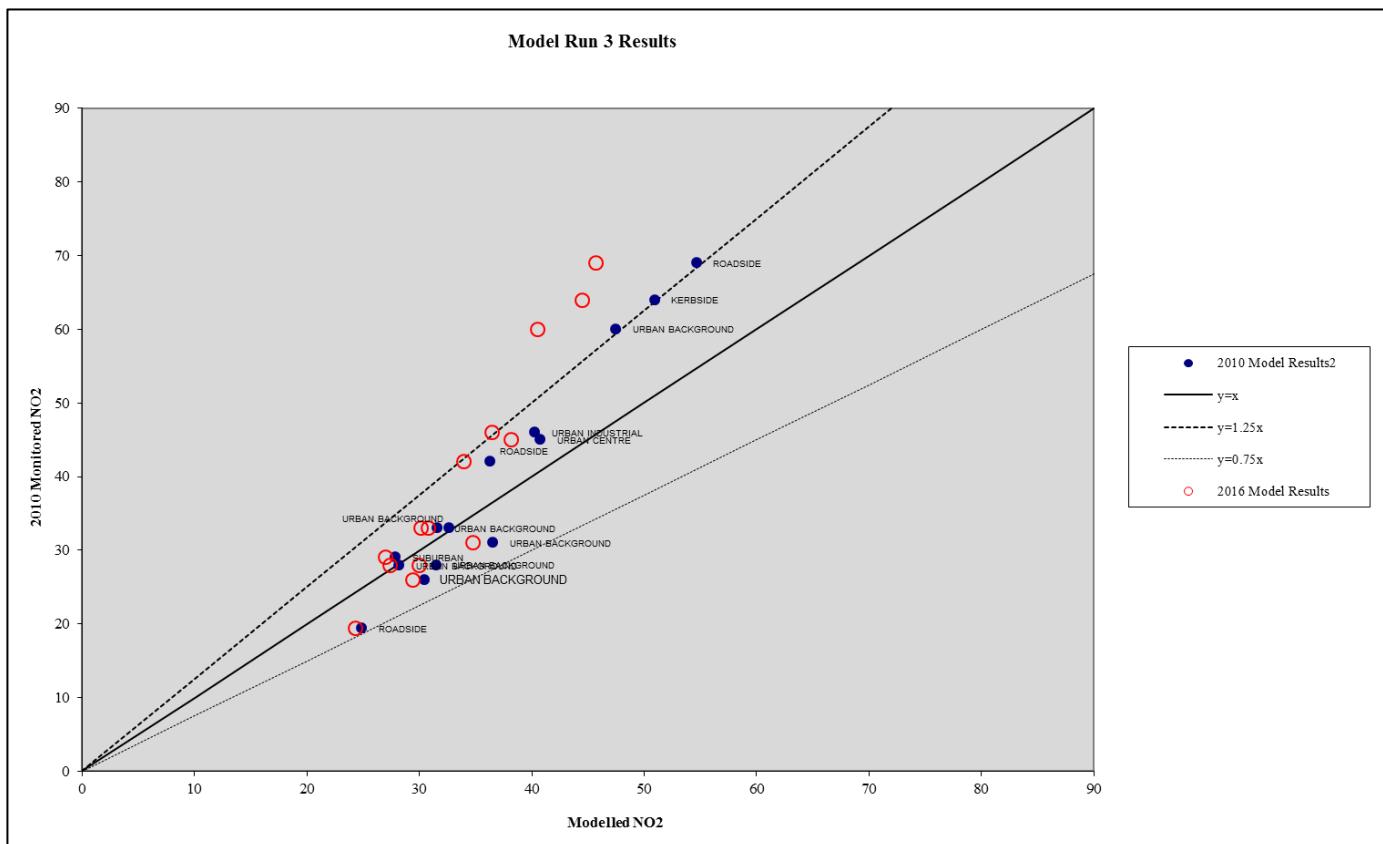
3.3.1 NO₂ Results

Table 3.1 and Figure 5 show the results from model run 3 compared to the 2010 monitoring and model results.

Table 3.1

Run 3 Annual monitored and modelled NO₂ concentrations				
Monitoring Site	Type	2010 Monitored NO₂ (µg/m³)	2010 Modelled NO₂ (µg/m³)	2016 Modelled NO₂ (µg/m³)
Bolton College	Urban Background	28	31.50	29.98
Bury Roadside	Roadside	69	54.68	45.72
Glazebury	Suburban	19.4	24.91	24.30
Manchester Oxford Road	Kerbside	64	50.94	44.52
Manchester Piccadilly	Urban Centre	45	40.81	38.18
Manchester South	Urban Background	28	28.22	27.39
Oldham West Endhouse	Urban Background	33	32.68	30.79
Salford Eccles	Urban Industrial	42	36.27	33.99
Salford M60	Roadside	60	47.46	40.50
Stockport Shaw Heath	Urban Background	31	36.56	34.81
Trafford A56	Roadside	46	40.27	36.50
Trafford	Urban Background	33	31.61	30.12
Wigan Centre	Urban Background	26	30.48	29.39
Wigan Leigh 2	Urban Background	29	27.89	27.01

Figure 5 Comparison of modelled NO₂ concentrations from model run 3 with 2010 monitoring and modelled results



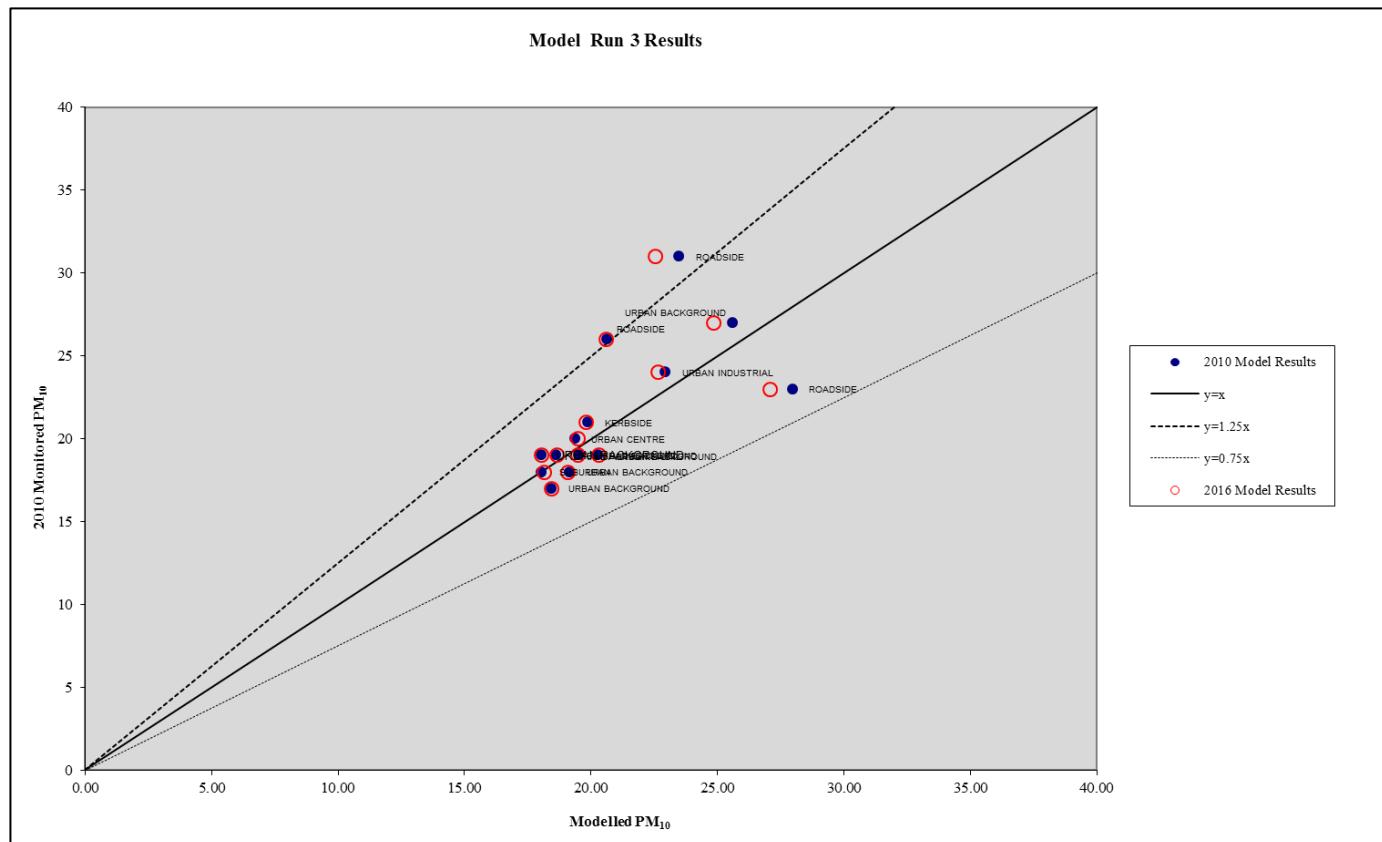
The results show a reduction in concentrations relative to the 2010 model results. This ranges from about 3 to 16%, with the largest reductions being at the roadside sites. This is to be expected due to the reduction in emission factors resulting from the change in vehicle engine technology. A comparison of the changes in fleet composition can be found in Appendix 6.

3.3.2 PM₁₀ Results

Table 3.2 and Figure 6 show the results for PM₁₀ of the modelling after run 3.

Table 3.2

Run 3 Annual monitored and modelled PM ₁₀ concentrations				
Monitoring Site	Type	2010 Monitored PM ₁₀ (µg/m ³)	2010 Modelled PM ₁₀ (µg/m ³)	2016 Modelled PM ₁₀ (µg/m ³)
Bolton College	Urban Background	18	19.15	19.09
Bury Roadside	Roadside	23	27.98	27.08
Glazebury	Suburban	31	23.50	22.56
Manchester Oxford Road	Kerbside	21	19.89	19.81
Manchester Piccadilly	Urban Centre	20	19.39	19.49
Manchester South	Urban Background	19	20.29	20.30
Oldham West Endhouse	Urban Background	27	25.60	24.84
Salford Eccles	Urban Industrial	26	20.65	20.62
Salford M60	Roadside	19	19.53	19.50
Stockport Shaw Heath	Urban Background	17	18.45	18.44
Trafford A56	Roadside	24	22.96	22.65
Trafford	Urban Background	19	18.64	18.66
Wigan Centre	Urban Background	19	18.06	18.05
Wigan Leigh 2	Urban Background	18	18.06	18.15

Figure 6 Comparison of modelled PM₁₀ concentrations from model run 3 with 2010 monitoring and modelled results

The results generally show a slight reduction in concentrations relative to the 2010 model results. These ranges from about 4% decrease to a 0.5% increase, with the largest reductions being at the roadside sites. This is to be expected due to the reduction in emission factors resulting from the change in vehicle engine technology. A comparison of the changes in fleet composition can be found in Appendix 6.

4. References

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Appendices

Appendix 1 Changes to the Point Source and Stack data

The following tables outline the changes to the point source and stack data made from the 2006 base.

Table A1.1 Point Source changes

Changes to grid squares		
District	Grid Square ID	Description
Bolton	491	<ul style="list-style-type: none"> remove Danisco (boiler latterly called Mondi Paper Cream Mills)
Bury		Not informed of any changes
Manchester	900	-remove Bill Howarth Metals, 109 Jersey Street Central Manchester, 385139, 398741 (part B) - reset partb pm10 total to new sum of pm10's (no other emissions)
	902	<ul style="list-style-type: none"> remove Hexion Specialty Chemicals Clayton Ltd (part A) remove Ciba Speciality Chemicals Ltd (part A) set OMG UK Ltd (part A) to be 50 % of annual total reset part A total to sum of remaining part A process + 50% OMG UK Ltd
	943	<ul style="list-style-type: none"> add new part B - Bill Howarth Metals, 22 Rondin Road, Ardwick, Manchester, M12 6BF. Came online 01/07/2010 but add full year emissions (based on stack data) as the stack data has a monthly profile set
	944	<ul style="list-style-type: none"> add new part B Cascade (UK) Ltd - assume that 14000 litres = 11200 kg
	1291	<ul style="list-style-type: none"> Vita Liquid Polymers Ltd (part b) has increased solvent use from ~50 tonnes to 800 tonnes per annum from midway through 2010. Assumed 2010 total to be 50/2 + 800/2 = 425 tonnes. The emissions of VOC's increase from 1.467018 (2006) to 10.88 tonnes so increased square 1291 part b voc total by 9.4129824 tonnes voc
	1505	<ul style="list-style-type: none"> add two new part b processes both Air Livery Plc. Assume solvent usage of 6000 and 9500 litres = 4800kg and 7600 kg respectively.
Oldham		No changes
Rochdale		Not informed of any changes
Salford	653	<ul style="list-style-type: none"> remove Pilkingtons - boiler - although closed during 2010 advised to ignore any 2010 emissions (no data available) remove Pilkington Tiles Ltd - part b - although closed during 2010 advised to ignore any 2010 emissions (no data available)
	808	<ul style="list-style-type: none"> remove process Tarmac Ltd (concrete) - part B remove process Excelsior Technologies Ltd (Omni Flexibles) - part B recalculate the emissions in the square - note the PM10 value in the square is higher than the emigma total due to the stack data in the square used the stack data to calculate to total annual emissions based on 8760 hours

	854	<ul style="list-style-type: none"> remove Vita Bond and Vita Pruf - both part b
	856	<ul style="list-style-type: none"> remove Renault Manchester (part b)
	936	<ul style="list-style-type: none"> remove LaFarge (Port Heath) part B
	937	<ul style="list-style-type: none"> BBC Media City - Stage 1 Gas Hot Water 1 - NOx 8.70393600 BBC Media City - Stage 1 Gas Hot Water 2 - NOx 8.70393600 BBC Media City - Stage 1 CHP - NOx 26.01720 Stage 2 not included as no confirmation of start date BBC Media City total for Square 937 NOx=43.425072
Stockport		<ul style="list-style-type: none"> Advised that Wienerberger (Cheadle Works , Adswood Road) had closed, but this doesn't appear to be in the 2006 data so no action required.
	1164	<ul style="list-style-type: none"> add new part b process Viridor Laing Bredbury - 0.61 g/s NOx assume 8760 hrs - 19.23696000, (36.58176 CO)
Tameside		Not informed of any changes
Trafford	973	<ul style="list-style-type: none"> Davyhulme WWTW (Stack 1) - NOx 40.99680 Davyhulme WWTW (Stack 2) - NOx 52.03440 <p>Square 973 total NOx (from Davyhulme WWTW) = 93.03120</p> <p>Square 973 total SO2 (from Davyhulme WWTW) = 88.30080</p> <p>Square 973 total NMVOC (from Davyhulme WWTW) = 18.92160</p>
	1099	<ul style="list-style-type: none"> Carrington 1 (stack 1) - NOx 1082.63088 Carrington 2 (CCGT 1) - NOx 665.40960 Carrington 2 (CCGT 2) - NOx 665.40960 Carrington 2 (CCGT 3) - NOx 665.40960 <p>Square 1099 total = 3078.85968</p>
	1100	<ul style="list-style-type: none"> Carrington 1 (stack 2) - Square 1100 - NOx 1082.63088
	1144	<ul style="list-style-type: none"> Carrington 2 (OCGT 1) - Stack 1 - Square 1144 - NOx 329.86656 Carrington 2 (OCGT 1) - Stack 2 - Square 1144 - NOx 329.86656 <p>Square 1144 total (from Carrington) = 659.73312</p> <ul style="list-style-type: none"> SAICA (CHP) - NOx 156.73392, SO2 23.96736, PM10 4.099680 SAICA (ERB) - NOx 71.90208, SO2 17.97552, PM10 3.46896 SAICA (Aux) - NOx 56.44944, SO2 6.62256, PM10 22.39056 <p>Square 1144 total NOx (from SAICA) = 285.08544</p> <p>Square 1144 total SO2 (from SAICA) = 48.56544</p> <p>Square 1144 total PM10 (from SAICA) = 29.95920</p>
	369	<ul style="list-style-type: none"> remove Tremco (Rubber) (part B). N.B. do not remove the other two Tremco processes
Wigan	527	<ul style="list-style-type: none"> remove Wigan International Swimming Pool (boiler)
	588	<ul style="list-style-type: none"> remove A.G. Barr Plc (boiler)
	634	<ul style="list-style-type: none"> remove 1st Basemix Limited

	745	<ul style="list-style-type: none"> • remove old Leigh Infirmary and new add in new one based on 87 ktherms
	838	<ul style="list-style-type: none"> • remove Quinns (Radiators) (part B)

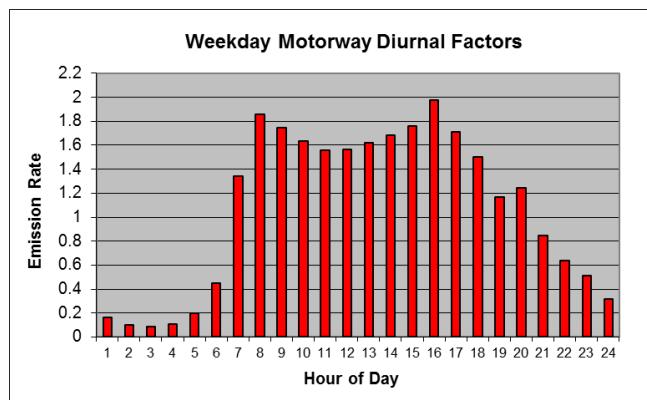
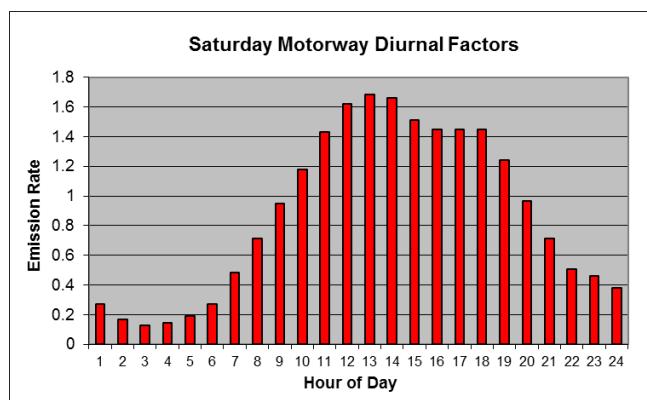
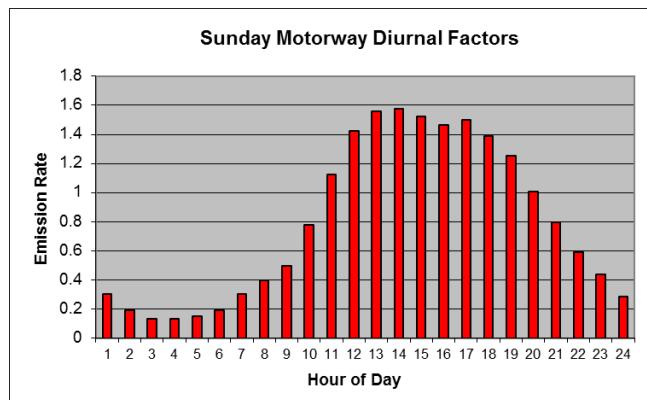
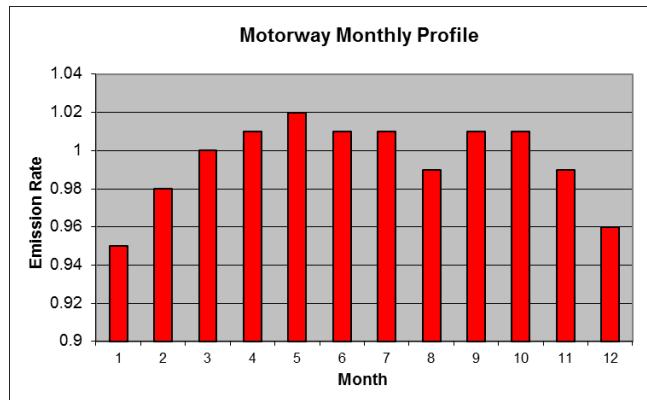
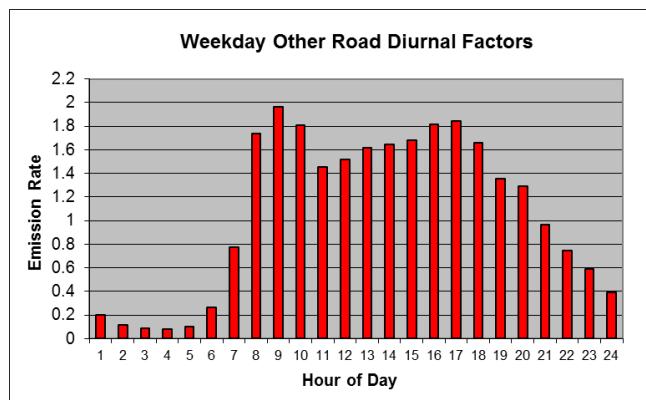
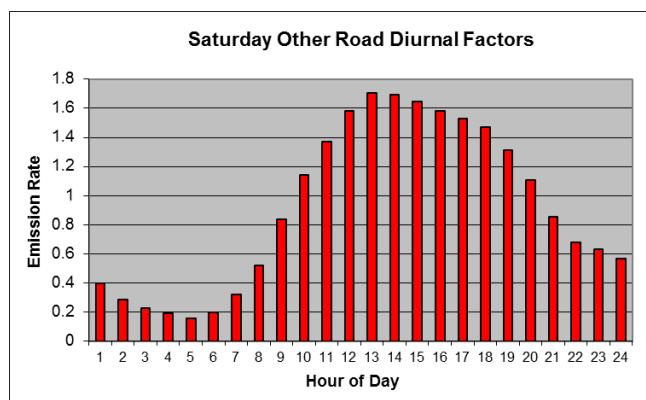
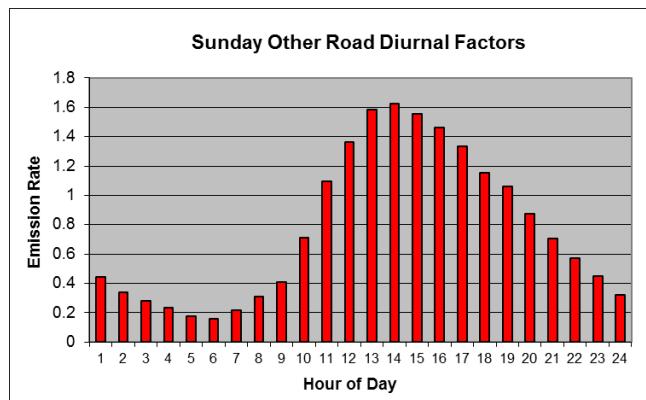
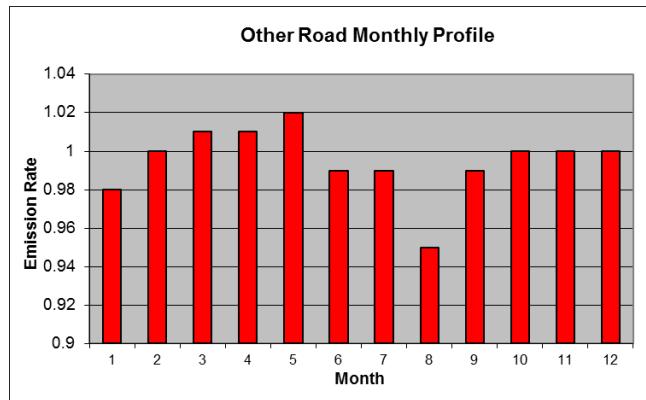
Table A1.2 Stack changes

District	Description
Bolton	Not informed of any stack changes
Bury	Not informed of any stack changes
Manchester	<ul style="list-style-type: none"> • remove Bill Howarth Metals, 109 Jersey Street Central, Manchester, 385139,398741 (part B) • new stack - Bill Howarth Metals, 22 Rondin Road, Ardwick, Manchester, M12 6BF. Came online 01/07/2010 so add monthly profile for half of the year • Although there are stacks for Vita Liquid Polymers Ltd there are no emissions for VOCs therefore the increase of solvent use (from ~50 t/a to 800 t/a) will not affect the data for the stacks so not changed. The total grid however has been changed.
Oldham	No changes
Rochdale	Not informed of any changes
Salford	<ul style="list-style-type: none"> • Three stacks added for BBC Media City Stage 1 <ul style="list-style-type: none"> ○ Gas Hot Water 1 ○ Gas Hot Water 2 ○ CHP
Stockport	No changes
Tameside	Not informed of any changes
Trafford	No changes
Wigan	<ul style="list-style-type: none"> • remove stack for old Leigh Infirmary and add in new stack based on 87 ktherms per annum (for 8760 hours) • remove the two Tremco stacks. These were used by the rubber process that closed and not by the other two Tremco processes • remove the four Quinns stacks (part B)

Appendix 2 Time Varying Emission Profiles for Road Traffic Emissions

The following figures show time varying emission profiles for road traffic emissions broken down by weekday, Saturday and Sunday and further by motorway and other roads.

- Figure A2.1 Weekday Motorway Diurnal Profile
- Figure A2.2 Weekday Other Road Diurnal Profile
- Figure A2.3 Saturday Motorway Diurnal Profile
- Figure A2.4 Saturday Other Road Diurnal Profile
- Figure A2.5 Sunday Motorway Diurnal Profile
- Figure A2.6 Sunday Other Road Diurnal Profile
- Figure A2.7 Motorway Monthly Profile
- Figure A2.8 Other Road Monthly Profile

Figure A2.1 Weekday Motorway Diurnal Profile**Figure A2.3 Saturday Motorway Diurnal Profile****Figure A2.5 Sunday Motorway Diurnal Profile****Figure A2.7 Motorway Monthly Profile****Figure A2.2 Weekday Other Road Diurnal Profile****Figure A2.4 Saturday Other Road Diurnal Profile****Figure A2.6 Sunday Other Road Diurnal Profile****Figure A2.8 Other Road Monthly Profile**

Appendix 3 Maps of modelled emissions

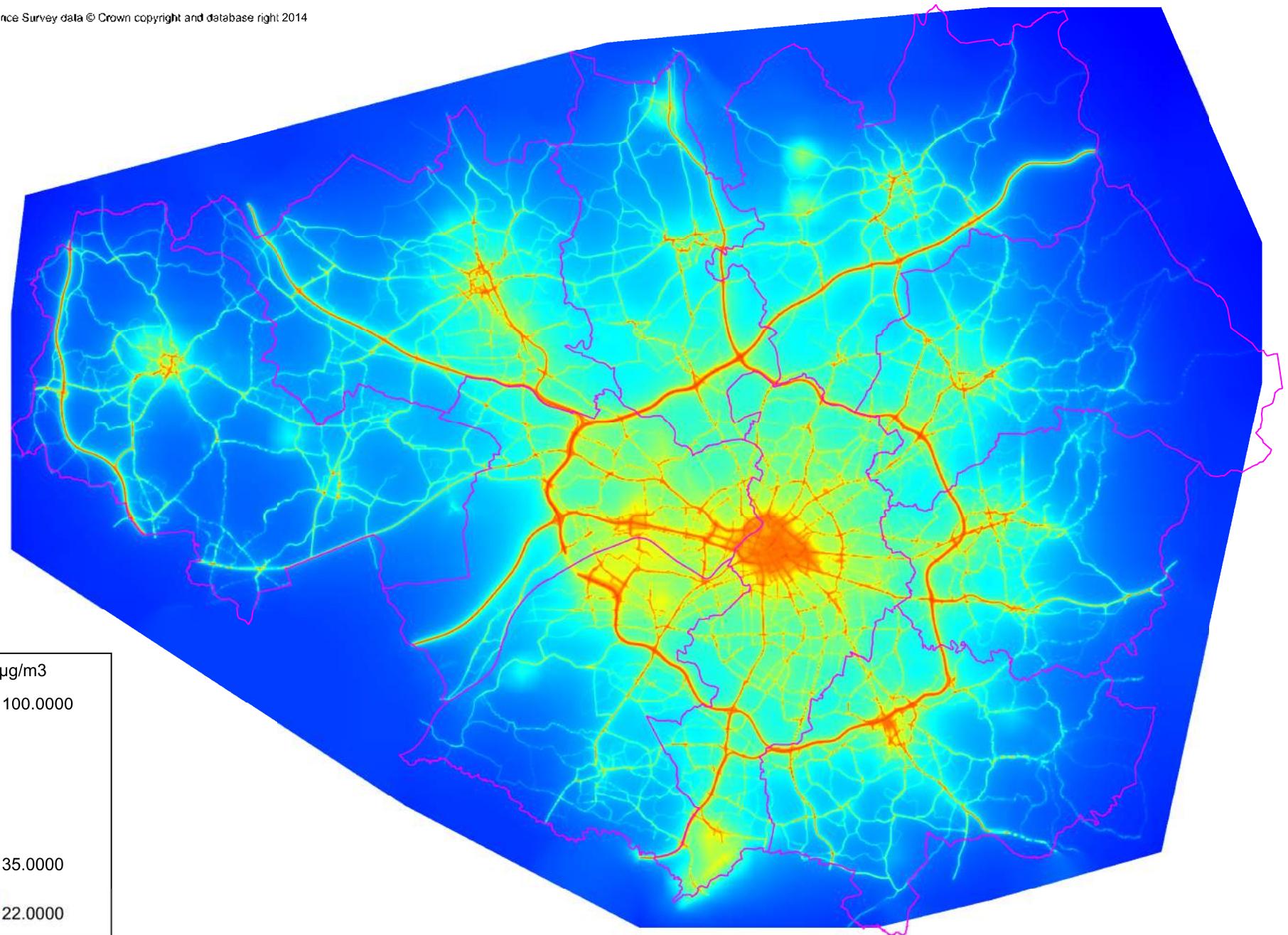
The following figures show maps of modelled annual average emissions.

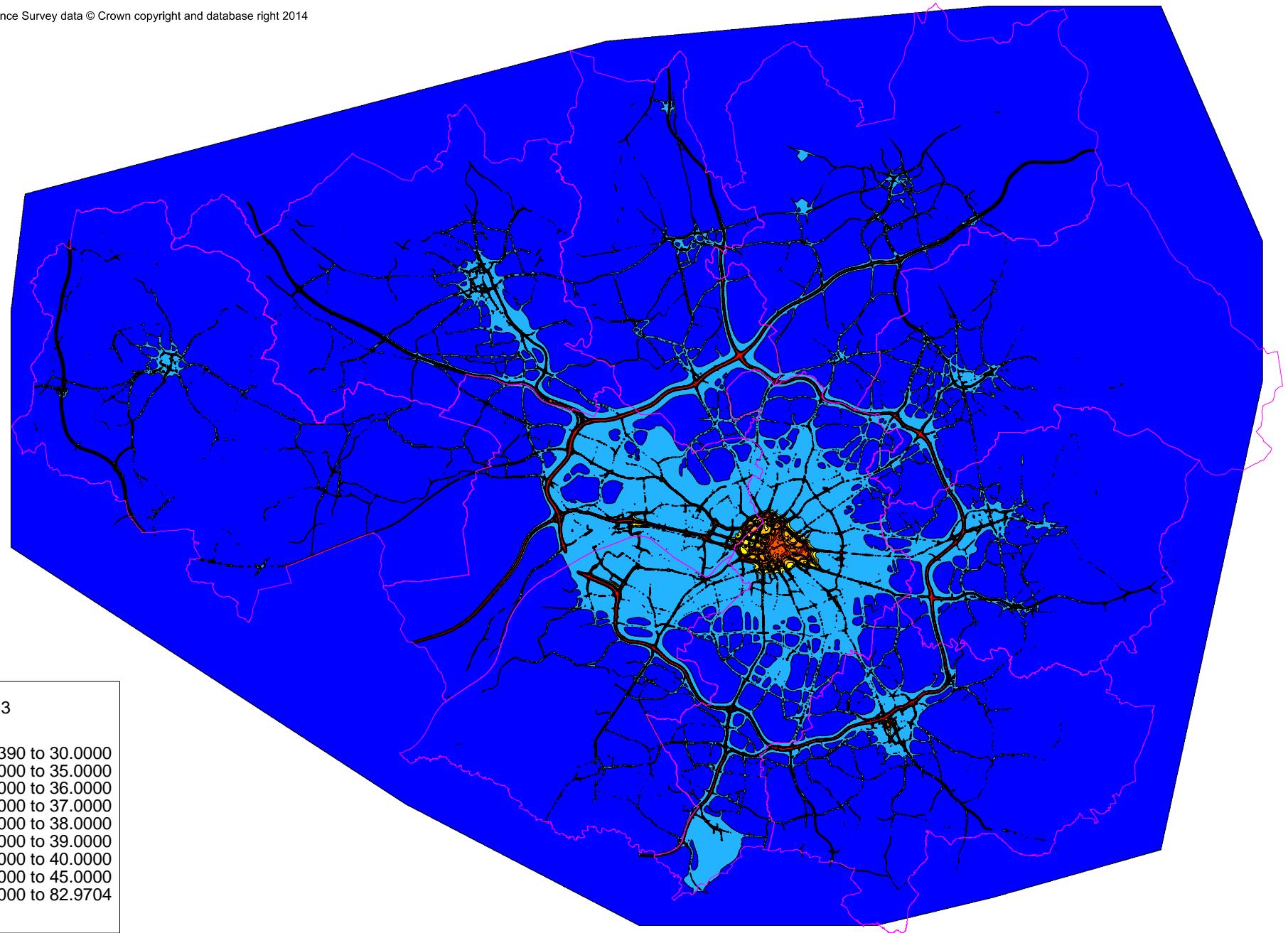
Figure A3.1 Modelled emissions of NO₂ in 2016

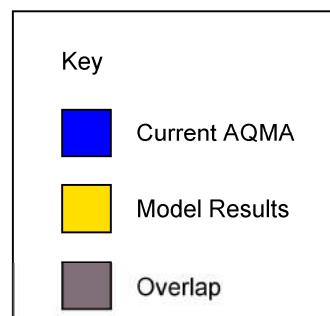
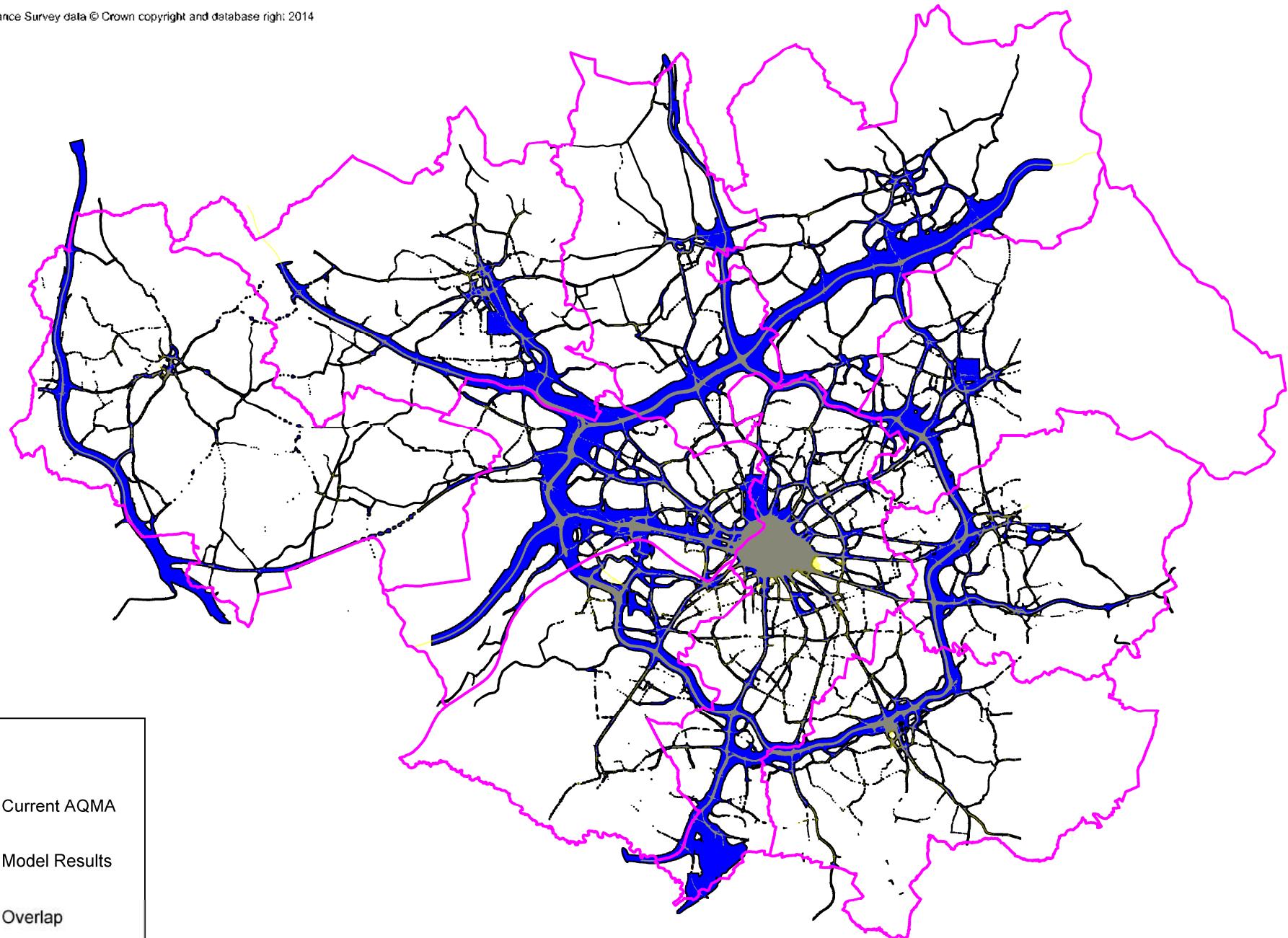
Figure A3.2 Contoured modelled emissions of NO₂ in 2016

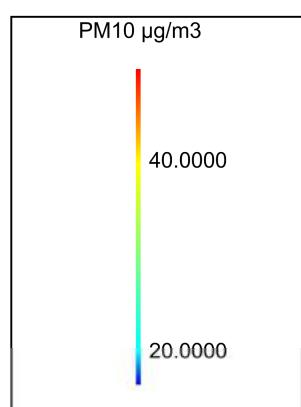
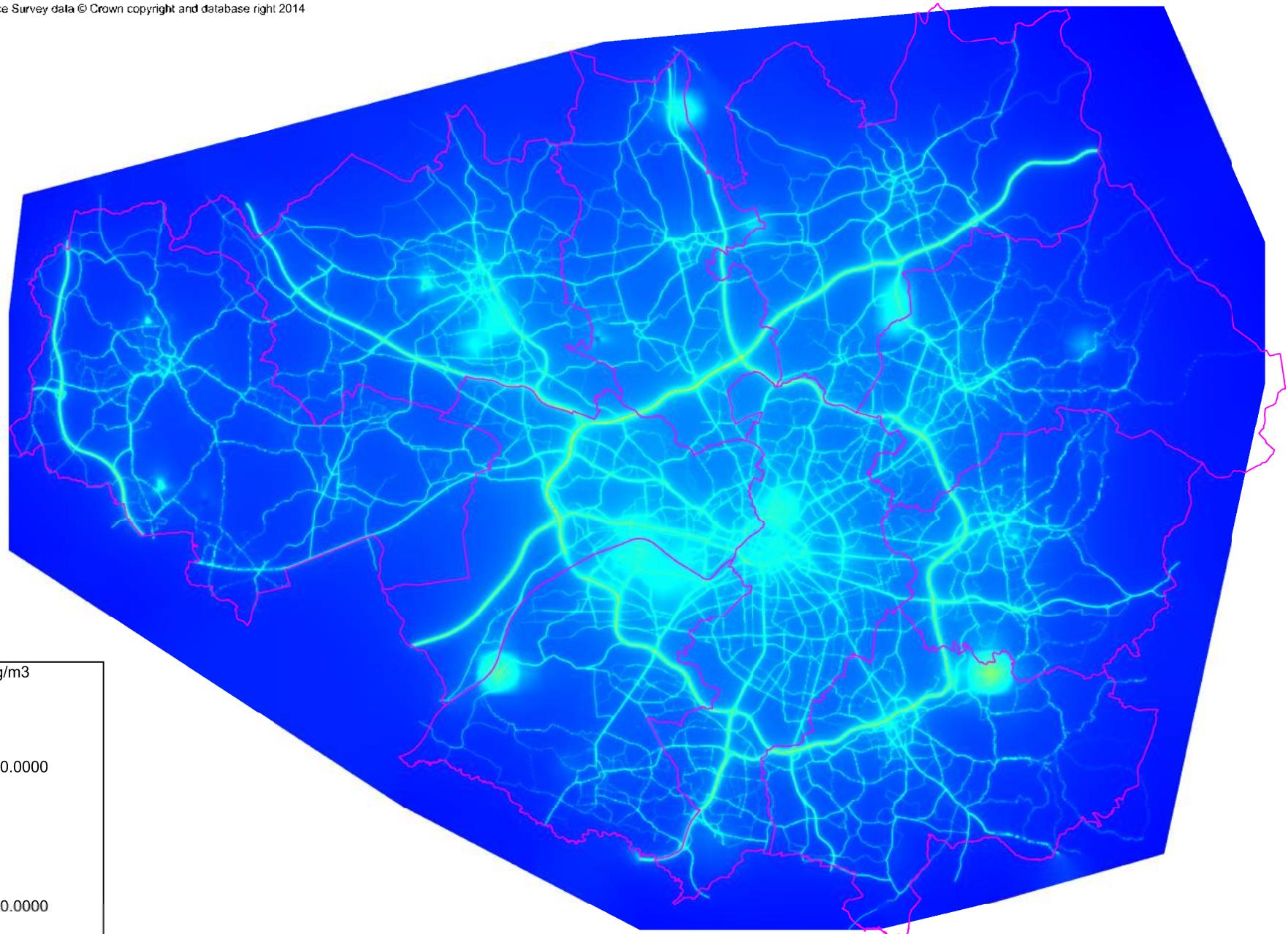
Figure A3.3 Current AQMA compared with 35+ µg/m³ NO₂ contour

Figure A3.4 Modelled emissions of PM₁₀ in 2016









Appendix 4 Receptor Point Locations

There were 1411 additional receptor points defined by the local authorities including tube and automatic monitoring sites. These are shown in Figure A4.1 Receptor Point Locations.

Table A4.1 Receptor Points

Receptor Points							
No.	ID	Name	Easting	Northing	Address	Type	Comments
1	MA1	Oxford Rd LTP8 Monitoring Point	384117	397505	Junction of Oxford Street/ Wakefield St , M1	LTP Monitoring point	Diffusion Tube Site
3	MA3	Oxford Road automatic site	384232	397285	Oxford Road , M1	Automatic monitoring	Not yet operational
4	MA4	North Manchester General Hospital	384812	402484	Delauneyes Road , Crumpsall , M8 5RB	Hospital	NW entrance
5	MA5	Wythenshawe Hospital	380814	388069	Southmoor Road , Wythenshawe , M23 9LT	Hospital	NE entrance
6	MA6	Wythenshawe Hospital	380448	388040	Southmoor Road , Wythenshawe , M23 9LT	Hospital	W entrance
7	MA7	Manchester Royal Infirmary	385114	396283	Oxford Road , M13 9WL	Hospital	NE entrance
8	MA8	Manchester Royal Infirmary	384955	396065	Oxford Road , M13 9WL	Hospital	W entrance
9	MA9	Christie Hospital	384933	392451	Wilmslow Road , Withington , M20 4BX	Hospital	E entrance
10	MA10	St Marys Hospital	385133	395868	Hathersage Road , M13 0JH	Hospital	Entrance
11	MA11	Bupa Hospital Manchester	382611	395186	Russell Road , Whalley Range , M16 8AJ	Hospital	Entrance
12	MA12	Bridgewater Hospital	383790	395928	120 Princess Road , Hulme , M15 5AT	Hospital	Entrance
13	MA13	Oaklands care home	382941	396847	City Road , M15 4EA	Care/ residential home	Entrance
14	MA14	Victoria nursing home	385666	395647	9 Anson Road , M14 5BY	Care/ residential home	Entrance
15	MA15	Conifers nursing home	381900	394798	158 Manchester Road , M16 0DZ	Care/ residential home	Entrance
16	MA16	Grove Park nursing home	386112	396204	9 Plymouth Grove West , M13 0AQ	Care/ residential home	Entrance
17	MA17	Presentation convent	385129	399266	Livesey Street , M4 5FH	Care/ residential home	Entrance
18	MA18	Lee House	383130	389612	Longley Lane , Sharston , M22 4HT	Care/ residential home	Entrance
19	MA19	Chandos Hall of Residence	384656	397688	Granby Row , M1 3QJ	Residential property	Near train line with high % diesel
20	MA20	Salisbury Public House	384099	397490	Wakefield Street , M1 5NE	Residential property	Near train line with high % diesel
21	MA21	7 Chalcombe Grange	386763	395988	7 Chalcombe Grange , Longsight , M12 4HQ	Residential property	Near train line with high % diesel
23	MA23	Barlow Moor Road	384579	391285	39 Barlow Moor Road , Didsbury , M20 6TJ	Busy streets with people	
24	MA24	Withington Road	382992	395177	108 Withington Road , Whalley Range , M16 8FA	Busy streets with people	
25	MA25	Deansgate	383718	398483	68-74 Deansgate , M3 2FN	Busy streets with people	
26	MA26	Wilmslow Road	385150	395352	68-72 Wilmslow Road , Rusholme , M14 5AL	Busy streets with people	
27	MA27	Market Street	384179	398423	Market Street , M1	Busy streets with people	
28	MA28	The Triangle	383969	398680	Corporation Street , M1	Busy streets with people	
29	MA29	Wilbraham Road	381732	393996	Wilbraham Road , Chorlton , M21	Busy streets with people	
30	MA30	Mill Lane	380349	383710	Mill Lane , Styall , WA15	Residential property	Edge of airport
31	MA31	Oak Farm	380595	384892	Wilmslow Road , Styall , WA15	Residential property	Near motorway

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
32	MA32	Garron Walk	381250	386577	5 Garron Walk , Woodhouse Park , M22 1RE	Residential property	Near motorway	
33	MA33	Piper Hill Avenue	382590	390605	29 Piper Hill Avenue , Northenden , M22 4OZ	Residential property	Near motorway	
34	MA34	Palatine Road	383123	390561	268 Palatine Road , Northenden , M22 4FR	Residential property	Near motorway	
35	MA35	Rochdale Road	386349	404053	1200 Rochdale Road , Charlsetown , M9 6FR	Residential property	Near motorway	
36	MA36	Old Hall Lane	384228	404797	1 Old Hall Lane , M24 4GZ	Residential property	Near motorway	
37	MA37	Charnwood Road	386111	404509	55 Charnwood Road , Blackley , M9 6QG	Residential property	Near motorway	
38	MA38	Tweedle Hill Road	384957	403708	Tweedle Hill Road , Blackley , M9	Residential property	Background location	
39	MA39	Grange Park Road	386972	403196	Grange Park Road , Charlestown , M9	Residential property	Background location	
40	MA40	Sandywell Street	388776	397706	Sandywell Street , Bradford , M11	Residential property	Background location	
41	MA41	Buckley Road	387854	395683	Buckley Road , Gorton , M18	Residential property	Background location	
42	MA42	Wastdale Road	381120	387772	Wastdale Road , Baguley , M23	Residential property	Background location	
43	MA43	Ravenscar Crescent	382833	385708	Ravenscar Crescent , Woodhouse Park , M22	Residential property	Background location	
44	MA44	Bramwell	385156	396926	Bramwell Drive , Ardwick , M13 9SU	Childrens centre		
45	MA45	Bridgelea	384734	392940	Bridgelea Road , Withington , M20 3FB	Childrens centre		
46	MA46	Carisbrook	385775	401360	Carisbrook Street , Harpurhey , M9 5PR	Childrens centre		
47	MA47	Heybury	386685	397623	Heybury Close , Beswick , M11 3TY	Childrens centre		
48	MA48	Longhurst	384783	403964	Longhurst Road , Blackley , M9 8NS	Childrens centre		
49	MA49	Moss Side	383307	395655	30 Selworthy Road , Moss Side , M16 7UH	Childrens centre		
51	MA51	Mount Road	388062	396061	18 Mount Road , Gorton , M18 7BG	Childrens centre		
52	MA52	Rusholme	385057	395475	Great Western Stre , Rusholme , M14 5HA	Childrens centre		
53	MA53	Wetherby Street	389289	397111	Wetherby Street , Higher Openshaw , M11 1NU	Childrens centre		
54	MA54	Crumpsall Lane Primary School	384379	402333		Primary school		
55	MA55	Didsbury CofE Junior and Infant School	384727	391036		Primary school		
56	MA56	Gorton Mount Primary School	388086	395127		Primary school		
57	MA57	Green End Primary School	386655	392434		Primary school		
58	MA58	Greenbrow Infant School	380997	387052		Primary school		
59	MA59	Harpur Mount Primary School	385685	401684		Primary school		
60	MA60	Haveley Hey Primary School	382303	387690		Primary school		
61	MA61	Holy Trinity CofE Junior and Infant School	386198	401931		Primary school		
62	MA62	King David Infant School	383677	402066		Primary school		
64	MA64	Lily Lane Infants' School	387068	401615		Primary school		
65	MA65	Lily Lane Junior School	387068	401616		Primary school		
66	MA66	Manley Park Primary School	382286	395012		Primary school		
67	MA67	Medlock Primary School	385010	397045		Primary school		
68	MA68	Moston Fields Primary School	387456	402234		Primary school		
69	MA69	Moston Lane Junior and Infant School	386662	401895		Primary school		
70	MA70	Mount Carmel RC Primary School	385883	402524		Primary school		
71	MA71	New Moston Primary School	389175	402577		Primary school		
72	MA72	Newall Green Infant School	381549	387784		Primary school		
74	MA74	Northenden Primary School	382924	390317		Primary school		
75	MA75	Old Hall Drive Primary	388777	395642		Primary school		
76	MA76	St Barnabas CE Primary School	387793	397541		Primary school		
77	MA77	Oswald Road Primary School	381527	394242		Primary school		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
78	MA78	Our Lady's Primary School	382489	395319		Primary school		
79	MA79	Peel Hall Primary School	383809	387033		Primary school		
80	MA80	Pike Fold Junior and Infant School	385396	403171		Primary school		
81	MA81	Plymouth Grove Junior and Infant School	386032	396120		Primary school		
82	MA82	Rack House Primary School	381520	390461		Primary school		
83	MA83	Ravensbury Junior and Infant School	387549	398869		Primary school		
84	MA84	Sacred Heart Junior and Infant School	380764	388909		Primary school		
86	MA86	Sandilands Junior School	379640	389613		Primary school		
87	MA87	Seymour Road Primary School	388730	398460		Primary school		
88	MA88	St Agnes CofE Primary School	386774	395226		Primary school		
89	MA89	St Aidan's RC Junior and Infant School	381760	390307		Primary school		
90	MA90	St Ambrose RC Junior and Infant School	382916	391769		Primary school		
91	MA91	St Anne's RC Junior and Infant School	384311	401936		Primary school		
92	MA92	St Anthony's RC Junior and Infant School	382615	386305		Primary school		
93	MA93	St Catherine's RC Primary School	385284	391125		Primary school		
94	MA94	St Chad's RC Primary School	384352	400410		Primary school		
95	MA95	St Chrystostom's CofE Primary School	385532	396219		Primary school		
96	MA96	St Clares RC Primary School	385380	404221		Primary school		
97	MA97	St Clement's CofE Primary School	389396	397216		Primary school		
98	MA98	St Dunstan's RC Primary School	387393	401594		Primary school		
99	MA99	St Edmund's RC Primary School	386321	400717		Primary school		
100	MA100	St Elizabeth's RC Junior and Infant School	383336	386870		Primary school		
101	MA101	St James CofE Primary School	388721	396475		Primary school		
102	MA102	St John Bosco RC Primary School	387079	403416		Primary school		
103	MA103	St John Fisher and St Thomas More School	382792	387893		Primary school		
104	MA104	St John's CofE Primary School	386482	395730		Primary school		
105	MA105	St John's RC Junior and Infant School	381331	394438		Primary school		
106	MA106	St Joseph's RC Junior and Infant School	386257	395902		Primary school		
107	MA107	St Kentigern's RC Primary	384360	394047		Primary school		
108	MA108	St Luke's CofE Primary School	386104	396406		Primary school		
109	MA109	St Margaret Mary's RC Junior and Infant	388692	403345		Primary school		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
110	MA110	St Margaret's CofE Primary School	382943	394786		Primary school		
111	MA111	St Mary's CofE Junior and Infant School	383241	395571		Primary school		
112	MA112	St Mary's CofE Junior and Infant School	388243	402236		Primary school		
113	MA113	St Patrick's RC Primary School	385154	399254		Primary school		
114	MA114	St Paul's CofE Primary School	384938	392837		Primary school		
115	MA115	St Peter's RC Junior and Infant School	381424	387426		Primary school		
116	MA116	St Philip's CofE Primary School	383844	396883		Primary school		
117	MA117	St Thomas County Primary School	385215	401655		Primary school		
118	MA118	St Wilfrid's CofE Junior and Infant School	388668	400047		Primary school		
119	MA119	St Wilfrid's CofE Junior and Infant School	383127	389723		Primary school		
120	MA120	St Wilfrid's RC Primary School	383261	396883		Primary school		
121	MA121	Stanley Grove Primary School	387013	395575		Primary school		
122	MA122	Varna Street Primary School	388880	396967		Primary school		
123	MA123	Victoria Avenue Primary School	385854	404094		Primary school		
124	MA124	Webster Primary School	384389	395898		Primary school		
125	MA125	Wilbraham Primary School	384385	394487		Primary school		
126	MA126	Ringway Primary School	382643	385965		Primary school		
127	MA127	The Willows Primary School	382415	386543		Primary school		
128	MA128	Corpus Christi with St Annes RC Primary	385684	398321		Primary school		
129	MA129	Abbey Hey Junior School	389204	396407		Primary school		
130	MA130	Abbott Primary School	385011	399368		Primary school		
131	MA131	All Saints CofE Junior and Infant School	388346	400351		Primary school		
132	MA132	Armitage CofE Junior and Infant School	386424	396787		Primary school		
133	MA133	Aspinal Junior and Infant School	389428	395335		Primary school		
134	MA134	Baguley Hall Primary School	381062	388740		Primary school		
135	MA135	Barlow Hall Primary School	382173	392248		Primary school		
136	MA136	Beaver Road Primary School	384917	391245		Primary school		
137	MA137	Benchill Primary School	382383	388540		Primary school		
138	MA138	Birchfields Primary School	386450	394232		Primary school		
139	MA139	Bishop Bilsborrow Memorial RC Primary School	383859	395009		Primary school		
140	MA140	Bowker Vale School	383907	403890		Primary school		
141	MA141	Briscoe Lane Junior School	387757	400131		Primary school		
142	MA142	Broad Oak Primary School	384994	389590		Primary school		
143	MA143	Brookburn Primary School	381327	393293		Primary school		
144	MA144	Button Lane Primary School	380881	390513		Primary school		
145	MA145	Cavendish Road Junior and Infant School	384030	392400		Primary school		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
146	MA146	Chapel Street Primary School	387716	394200		Primary school		
147	MA147	Charlestown Primary School	387603	403203		Primary school		
148	MA148	Cheetwood Primary School	383485	399890		Primary school		
149	MA149	Rolls Crescent Primary	383453	396479		Primary school		
150	MA150	Chorlton CofE Primary School	381270	393790		Primary school		
151	MA151	Chorlton Park Primary School	382167	392982		Primary school		
152	MA152	Christ The King RC Junior and Infant School	388362	400143		Primary school		
153	MA153	Claremont Primary School	384466	395187		Primary school		
154	MA154	Clayton Brook Junior and Infant School	388787	397921		Primary school		
155	MA155	Crab Lane County Primary School	384770	403772		Primary school		
156	MA156	Cravenwood Primary School	384035	402017		Primary school		
157	MA157	Crossacres Junior School	383745	387731		Primary school		
158	MA158	Crosslee Primary School	387018	403639		Primary school		
159	MA159	Crowcroft Park Junior and Infant School	387405	394965		Primary school		
160	MA160	Alexandra Park	383534	394842	Demesne Road , Moss Side , M16 7JL	Community play centre		
161	MA161	Baguley Park	381459	388631	206a Hall Lane , Baguley , M23 1WA	Community play centre		
162	MA162	Broadhurst Park	387318	401214	Lightbowne Road , Moston , M40 0FJ	Community play centre		
163	MA163	Brookdale Park	388692	400267	Droylsden Road , Newton Heath , M40 1PE	Community play centre		
164	MA164	Cheetham Park	384001	400415	Elizabeth Street , Cheetham , M8 0TX	Community play centre		
165	MA165	Chorlton Park	382376	393218	Nell Lane , Chorlton , M21 7SJ	Community play centre		
166	MA166	Debdale Park	389703	395850	Hyde Road , Gorton , M18 7RH	Community play centre		
167	MA167	Delamere Park	389575	397256	Delamere Street , Higher Openshaw , M11 1JY	Community play centre		
168	MA168	Didsbury Park	384951	390784	Wilmslow Road , Didsbury , M20 5LS	Community play centre		
169	MA169	Gorton Park	387855	396214	Hyde Road , Belle Vue , M18 7BA	Community play centre		
170	MA170	Harpurhey Park	386242	401796	Carisbrook Street , Harpurhey , M9 5PR	Community play centre		
171	MA171	Manley Park	382212	394625	York Avenue , Whalley Range , M16 0AS	Community play centre		
172	MA172	Belthorne	387499	402872	30 Belthorne Avenue , Charlestow , M9 7DD	Childrens centres		
173	MA173	Benchill	382434	388696	Brookfield Gardens , Benchill , M22 8ZZ	Childrens centres		
174	MA174	Broom Avenue	387886	393799	1 Broom Avenue , Levenshulme , M19 2UH	Childrens centres		
175	MA175	Daisy Bank	385969	395810	78a Daisy Bank Road , Victoria Park , M14 5GL	Childrens centres		
176	MA176	Poundswick	382809	387292	Poundswick Lane , Wythenshawe , M22 9TB	Childrens centres		
177	MA177	Royle Green	383338	389462	151 Longley Lane , Northenden , M22 4HY	Childrens centres		
178	MA178	Sale Road	381554	390590	Sale Road , Wythenshawe , M23 0BX	Childrens centres		
179	MA179	Scout Drive	380982	387590	Scout Drive , Wythenshawe , M23 2SY	Childrens centres		
180	MA180	Slade Lane	387055	395135	21 Slade Lane , Longsight , M13 0QJ	Childrens centres		
182	MA182	Business and Enterprise Academy (Parklands)	382017	387128		BSF Academies		
183	MA183	Health Academy (Brookway)	380397	389426		BSF Academies		
186	MA186	Creative and Media Academy (North Man Girls)	387482	402452		BSF Academies		
187	MA187	Communications Acadmey	385632	400664		BSF Academies		
188	MA188	Parklands High School	382016	387126		High Schools		
189	MA189	North Manchester High School	387712	403175		High Schools		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
		for						
190	MA190	Our Lady's RC High School	385654	404472		High Schools		
191	MA191	Plant Hill High School	385488	403671		High Schools		
192	MA192	St Paul's Catholic High School	381466	387454		High Schools		
193	MA193	St Thomas Aquinas RC High School	382683	392987		High Schools		
194	MA194	St Peter's RC High School	388611	394930		High Schools		
195	MA195	Abraham Moss High School	384559	401716		High Schools		
197	MA197	Newall Green High School	380899	387409		High Schools		
198	MA198	North Manchester High School for	387484	402454		High Schools		
199	MA199	Wright Robinson Sports College	389913	396651		High Schools		
200	MA200	Oakwood High School	382555	393297		High Schools		
201	MA201	Whalley Range 11-18 High School	383777	394035		High Schools		
202	MA202	The Barlow RC High School	385525	390967		High Schools		
203	MA203	St Matthew's RC High School	388392	402436		High Schools		
204	MA204	Parrs Wood Technology College	385634	390163		High Schools		
205	MA205	Trinity CofE High School	384251	396489		High Schools		
206	MA206	The King David High School	383796	402115		High Schools		
207		Manchester, Alma Road	387358	393990	26 Alma Road , Levenshulme , M19 3NW		0	
210		Manchester, Cheetham Hill Road	383948	401515	Junction of Cheetham Hill Road/ Woodlands Road , Cheetham , M8		0	
214		Manchester, Clayton Lane	387724	397967	Clayton Lane , Openshaw , M11		0	
215		Manchester, Great Ancoats Street	385161	398290	Great Ancoats Street , Ancoats , M4		0	
216		Manchester, Hewitt Street	383602	397488	56-58 Hewitt St , M15 4GB		0	
217		Manchester, Hyde Road	388601	396048	Junction of Hyde Road/ Crosfield Grove , Gorton , M18		0	
218		Manchester, Kingsway	385399	390093	843 Kingsway , Didsbury , M20		0	
219		Manchester, Liverpool Road	383218	397770	Junction of Liverpool Road/ Duke Street , M3		0	
220		Manchester, Lockton Close	384761	397384	Lockton Close , Ardwick , M1		0	
221		Manchester, M56	381650	387520	Junction 4, M56 Northbound , Newall Green , M23		0	
224		Manchester, Oldham Road	386459	400090	Oldham Road , Newton Heath , M40		0	
226		Manchester, Peaceville Road	386589	394083	Peaceville Road , Levenshulme , M19		0	
228		Manchester, Princess Road	382829	391493	Princess Road , West Didsbury , M20		0	
230		Manchester, Rochdale Road	385205	399750	Rochdale Road , Collyhurst , M40		0	
231		Manchester, Rostron Avenue	386289	396828	7 Rostron Avenue , Ardwick , M12 5LQ		0	
232		Manchester, St Pauls School	381384	387484	Firbank Road , Newall Green , M23 2YS		0	
233		Manchester, Stockport Road	387363	394617	735 Stockport Road , Levenshulme , M19		0	
234		Manchester, Styall	384200	382958	Oakwood Farm, Styall Road , Wilmslow , SK9 4HY		0	
236		Manchester, Victoria Terrace	386875	395861	12 Victoria Terrace , Longsight , M12 4LB		0	
237		Manchester, Stortford Drive - Residence	381580	390886	Stortford Drive , Northenden , M23		0	
238		Manchester, Stortford Drive - Highway Boundary	381605	390890	Stortford Drive , Northenden ,M24		0	
239		Manchester, Peterswood Close - Residence	381714	387330	51 Peterswood Close , Benchill , M22 9RG		0	

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
240		Manchester, Peterswood Close - Highway Boundary	381681	387322	52 Peterswood Close , Benchill , M22 9RG	01-Apr-08	0	
247	Roch 1	134 New Road	392333	415817	134 , New Road , Littleborough , OL15 8NN	Main Road		
248	Roch 2	Albert Royds Street	390773	414677	87 , Clarke Street Hamer , Rochdale , OL16 2SY	Main Road		
249	Roch 3	Littleborough Cen	393773	416375	24 , Church Street , Littleborough , OL15 9AA	Main Road	Town Centre	
250	Roch 4	Durn Littleborough	394206	416515	59 , Halifax Road , Littleborough , OL15 0HT	Main Road		
251	Roch 5	Todmorden Rd	393980	416593	41 , Todmorden Road , Littleborough , OL15 9EA	Main Road		
252	Roch 6	Townhead South	389920	413719	John Street , Rochdale , OL16 1DS	Main Road		
253	Roch7	Wood Street	390090	412965	2 , Wood Street , Rochdale , OL16 5QN	Main Road		
254	Roch 8	Ladyhouse Lane	393003	411988	16 , Ladyhouse Lane , Milnrow , OL16 4EB	Main Road	Adj M62 Jct	
255	Roch9	185 Middleton Road	386371	409108	185 , Middleton Road , Heywood , OL3 5RP	Main Road		
256	Roch10	KenyonLane/Oldham Rd	387963	407600	2 , Kenyon Lane , Middleton , M24 2GN	Main Road		
257	Roch 11	St Annes Academy	386639	407762	St Annes , Hollin Lane , Middleton , M24 6TA	Main Road/School	School Exposure	
258	Roch 12	Market Street Heywood	385328	410817	53 , Market Street , Heywood , OL10 1HZ	Main Road	Town Centre	
259	Roch13	Midd Centre	386897	405785	Colmar House , Middleton Gardens , Middleton , OL10 2QD	Town Centre		
260	Roch 14	Blakely Golf Club	387796	403863	Blackley Golf Off Victoria Ave , M24 4DB	Main Road	Motorway Exposure	
261	Roch 15	Hall Kelvin Avenue	384517	404954	Hall , Kelvin Avenue , Middleton , M24 1JL	Main Road	Motorway Exposure	
262	Roch16	Sand Brook Park	389139	411667	B&Q , Sandbrook Park , Rochdale , M24 4RA	Shoping Area		
263	Roch 17	Falinge Park School	388987	414235	FalingePark School , Falinge Road , Rochdale , OL11 1RY	Main Road/School		
264	Roch 18	Bury Jct	388868	413226	2 , Bury Road , Rochdale , OL12 6RU	Main Road		
265	Roch 19	Tesco Junction	388628	411950	Roch Valley Way , Rochdale , OL12 6AG	Main Road		
266	Roch 20	Man Old Rd	386196	405488	Gardens , Manchester Old Road , Middleton , OL11 4QP	Main Road		
267	Roch21	Mossway	387137	404067	164 , Mossway , Middleton , M24 4EA	Motorway expourse.		
268	Roch 22	Jct21 M62 Depot	392963	411889	Depot , Elizabeath Way , Milnrow , M24 1RG	Diffusion Tube site		
269	Roch 23	Mere Lane	389740	412501	Depot , Mere Lane , Rochdale , OL16 4LG	Diffusion Tube site		
270	Roch 24	725 Halifax Rd Front	392061	415679	Kerb 725 , Halifax Road , Wardle , OL12 9QD	Diffusion Tube site		
271	Roch 25	725 Halifax Road Rear	392016	415697	rear 725 , Halifax Road , Wardle , OL11 3TA	Diffusion Tube site		
272	Roch 26	Holmes Street	388789	413573	90 , Holmes Street , Rochdale , OL12 9QD	Diffusion Tube site		
273	Roch27	Jct Former Church Roundabout	389954	413797	Lamp Post , Tel Com Blg Yorkshire Street , Rochdale , OL12 6AW	Diffusion Tube site		
274	Roch 28	Middleton Library	387083	406258	Midd libaryLong street , Middleton , OL12 0HR	Diffusion Tube site		
275	Roch 29	Heywood Old Road	385412	408306	381 , Manchester Road , Heywood , M24 6DU	Diffusion Tube site		
277	Roch 31	Manchester Road	389055	412217	Manchester Road , Rochdale , OL11 4QP	Diffusion Tube site		
278	Roch 32	Ashfield Lane	392531	411700	Opp 68 , Ashfield Lane , Milnrow , OL11 3RB	Diffusion Tube site		
279	Roch33	Moorbank Lane	391663	411599	Moorbank Lane , Milnrow , OL16 4EW	Diffusion Tube site		
280	Roch 34	Kingsway	391106	412288	adj 122 , Kingsway , Rochdale , OL16 4NG	Diffusion Tube site		
281	Roch 35	Trows Lane	388527	409942	adj 18 , Trows Lane Caslteon , Rochdale , OL16 5HS	Diffusion Tube site		
282	Roch 36	Cherrington Drive	388581	409797	52 , Cherrington Drive Caslteon , Rochdale , OL11 2UD	Diffusion Tube site		
283	Roch37	Mossway	386447	404167	12 , Mossway , Middleton , OL11 2XN	Diffusion Tube site		
284	Roch38	Manchester Old Rd	388914	412083	opp 276 , Manchester Road , Rochdale , M24 1WP	Diffusion Tube site		
285	Roch 39	Hey Bottom	393666	417812	Hey BottomCalderbrook Road , Littleborough , OL11 4LX	Diffusion Tube site		
286	Roch 40	Sacred Heart School	391224	412693	Kingsway , Rochdale , OL15 9NT	School		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
287	Roch41	Lowerplace School	390474	411952	off Kingsway , Rochdale , OL16 4AW	School		
288	Roch42	Milnrow Parish School	392736	412896	Kiln Lane , Milnrow , OL16 4UH	School		
289	Roch 43	Hollingwoth High School	393356	412463	Cornfield Street , Milnrow , OL16 3XG	School		
290	Roch 44	Hollingwoth High Play field	393423	412324	Cornfield Street , Milnrow , OL16 3PJ	School		
291	Roch 45	Newhey Primary	393355	411503	Haththorne Lane , Newhey , OL16 4NB	School		
292	Roch 46	Holy Family Primary	390271	410560	Great Gates Road , Rochdale , OL11 2DZ	School		
293	Roch 47	Queensway Primary	389408	411426	Queensway , Rochdale , OL11 2NL	School		
294	Roch 48	St Johns RC	389852	412906	Ann Street , Rochdale , OL16 1QA	School		
295	Roch 49	Rochdale College	389377	413392	St Marys Gate , Rochdale , OL12 6RY	School		
296	Roch 50	Howard Street Nursery	389506	413881	Howard Street , Rochdale , OL12 0PQ	School		
297	Roch 51	Heybrook School	390472	414075	Yorkshire Street , Rochdale , OL16 2DS	School		
298	Roch 52	Hamer Primary	390864	414642	Albert Royds Street , Rochdale , OL16 2UF	School		
299	Roch 53	St Patricks	390073	414422	Foxholes Road , Rochdale , OL12 0ET	School		
300	Roch 54	Muslim Girls	389035	413752	Spotland Road , Rochdale , OL12 6PJ	School		
301	Roch 55	St Micheals	385715	412058	Bury and Rochdale Old Road , Rochdale , OL10 4BB	School		
302	Roch 56	Heap Bridge Primary	382727	410418	Heap Brow , Heywood , BL9 7JP	School		
303	Roch 57	Hopwood Primary	386274	409685	Magdalas Street , Heywood , OL10 2HN	School		
304	Roch 58	St Peters	387332	405337	Kingsway , Middleton , M24 1EL	School		
305	Roch 59	Middleton Tech	388146	405736	Kenyon Lane , Middleton , M24 2QS	School		
306	Roch 60	Cardinal Langley	387945	407546	Rochdale Road , Middleton , M24 2GL	School		
307	Roch 61	St Gabriels	388540	410161	Vicarage Road Casleton , Rochdale , OL11 2TN	School		
308	Roch 62	Casleton Primary	388592	410524	Hillcrest Road , Rochdale , OL11 2QD	School		
309	Roch 63	Hill Top Primary	390186	410520	Hill Top Road , Rochdale , OL11 2DX	School		
311	Roch 65	Brimrod School	388728	412086	Finsbury Street , Rochdale , OL11 4NF	School		
312	Roch 66	Spring Hill	390870	412046	Turf Hill Road , Rochdale , OL16 5HR	School		
313	Roch 67	Beech House	389192	412513	Manchester Road , Rochdale , OL11 4JR	School		
314	Roch 68	Rochdale Girls	389927	414315	Foxholes Road , Rochdale , OL12 0HU	School		
315	Roch 69	Wardle High	391695	416184	Birch Road , Wardle , OL12 9RD	School		
316	Roch 70	Dale Street	392654	412739	Tim Bobbin , Dale Street , Milnrow , OL16 3LH			
317	Roch 71	Norden Centre	386120	414512	828 , Edenfield Road , Rochdale , OL12 7RD			
318	Roch 72	Bury Road Shops	387685	412929	557 , Bury Road , Rochdale , OL11 4DQ			
319	Roch 73	Lake Bank	393375	415082	49 , Lake Bank , Littleborough , OL15 0DN			
320	Old1	77 High Street, Uppermill	399745	405767	77 High Street, Uppermill			
321	Old2	2 New Street, Uppermill	399763	405757	2 New Street, Uppermill			
322	Old3	Riverside House, Uppermill	399709	405988	Riverside House, Uppermill			
323	Old4	Buckley Mill, Uppermill	399738	405958	Buckley Mill, Uppermill			
324	Old5	Saddleworth School, Uppermill	399821	406072	Saddleworth School, Uppermill			
325	Old6	Pump House, Uppermill	399578	406342	Pump House, Uppermill			
326	Old7	39-41 High Street, Uppermill	399657	405629	39-41 High Street, Uppermill			
327	Old8	6 Court Street, Uppermill	399713	405670	6 Court Street, Uppermill			
328	Old9	22 High Street, Uppermill	399600	405525	22 High Street, Uppermill			
329	Old10	2 High Street, Uppermill	399532	405428	2 High Street, Uppermill			
330	Old11	24 Oldham Road, Uppermill	399486	405329	24 Oldham Road, Uppermill			
331	Old12	3 Shaw Hall Bank Road, Greenfield	399191	404667	3 Shaw Hall Bank Road, Greenfield			
332	Old13	6 Shaw Hall Bank Road,	399189	404637	6 Shaw Hall Bank Road, Greenfield			

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
		Greenfield						
333	Old14	17 Chew Valley Road, Greenfield	399374	404567	17 Chew Valley Road, Greenfield			
334	Old15	3 Holmfirth Road, Greenfield	400169	403951	3 Holmfirth Road, Greenfield			
335	Old16	1-3 Valley Mews (Manchester Rd.), Greenfield	400092	403956	1-3 Valley Mews (Manchester Rd.), Greenfield			
336	Old17	St. Mary's School, Greenfield	400019	403956	St. Mary's School, Greenfield			
337	Old18	2 Wall Hill Road, Dobcross	398778	406365	2 Wall Hill Road, Dobcross			
338	Old19	4 Woods Lane, Dobcross	398811	406340	4 Woods Lane, Dobcross			
339	Old20	Dobcross Primary School, Dobcross	398821	406541	Dobcross Primary School, Dobcross			
340	Old21	5 Oldham Road, Delph	398664	407439	5 Oldham Road, Delph			
341	Old22	Millgate Centre, Delph	398575	407799	Millgate Centre, Delph			
342	Old23	White House, Denshaw	397405	410624	White House, Denshaw			
343	Old24	Denshaw School, Denshaw	397505	410504	Denshaw School, Denshaw			
344	Old25	Lido House, Oldham Road, Grotton	396448	404567	Lido House, Oldham Road, Grotton			
345	Old26	112-116 High Street, Lees	395451	404526	112-116 High Street, Lees			
346	Old27	73 High Street, Lees	395256	404605	73 High Street, Lees			
347	Old28	8 Benyon Street	395345	404623	8 Benyon Street			
348	Old29	1a Spring Lane, Lees	395168	404577	1a Spring Lane, Lees			
349	Old30	The Village Nursery, Princess Street, Lees	395197	404551	The Village Nursery, Princess Street, Lees			
350	Old31	481 Lees Road, Clarksfield	394656	404588	481 Lees Road, Clarksfield			
351	Old32	1 Abercorn Street, Clarksfield	394651	404611	1 Abercorn Street, Clarksfield			
352	Old33	285 Lees Road, Clarksfield	394198	404850	285 Lees Road, Clarksfield			
353	Old34	1 Cranbrook Street, Clarksfield	394158	404831	1 Cranbrook Street, Clarksfield			
354	Old35	Greenacres School, Greenacres Road/Cow Lane	394214	405300	Greenacres School, Greenacres Road/Cow Lane			
355	Old36	Greenacres School, Greenacres Road/Dunkerley Street	394233	405387	Greenacres School, Greenacres Road/Dunkerley Street			
357	Old38	Littlemoor Primary School, Littlemoor Lane, Littlemoor	394405	405858	Littlemoor Primary School, Littlemoor Lane, Littlemoor			
358	Old39	Littlemoor House (Corner of Ripponden Road/Huddersfield Rd)	394225	405683	Littlemoor House (Corner of Ripponden Road/Huddersfield Rd)			
359	Old40	Counthill School, Counthill Road	395030	406708	Counthill School, Counthill Road			
360	Old41	Our Lady's RC Primary School, Ripponden Road	395190	407414	Our Lady's RC Primary School, Ripponden Road			
361	Old42	Nursing Home, Goldsworth road/Northgate Lane	395115	407365	Nursing Home, Goldsworth road/Northgate Lane			
362	Old43	Medical Centre, 681 Ripponden Road	395130	407365	Medical Centre, 681 Ripponden Road			
363	Old44	Spring Hill Court, Huddersfield Road	394974	405855	Spring Hill Court, Huddersfield Road			
364	Old45	1 Market Street, Shaw	393923	409011	1 Market Street, Shaw			
365	Old46	68-84 Market Street, Shaw	393850	408796	68-84 Market Street, Shaw			
366	Old47	7-12 Dale House, High Street, Shaw	393799	408734	7-12 Dale House, High Street, Shaw			

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
		Shaw						
368	Old49	Laburnum House, Laburnum Avenue	393661	408606	Laburnum House, Laburnum Avenue			
369	Old50	Farrowdale House, Crompton Way, Shaw	393722	408691	Farrowdale House, Crompton Way, Shaw			
370	Old51	Tots Junction Nursery, Crompton Way/Kershaw Street, Shaw	393825	409103	Tots Junction Nursery, Crompton Way/Kershaw Street, Shaw			
371	Old52	1-4 Carnegie Apartments, Beal Lane, Shaw	394313	408968	1-4 Carnegie Apartments, Beal Lane, Shaw			
372	Old53	85 Beal Lane, Shaw	394313	408914	85 Beal Lane, Shaw			
373	Old54	98b Milnrow Road, Shaw	394057	409359	98b Milnrow Road, Shaw			
374	Old55	Crompton House School, Rochdale Road, High Crompton	392957	409412	Crompton House School, Rochdale Road, High Crompton			
375	Old56	Health Centre, Rochdale Road, Royton	391941	407805	Health Centre, Rochdale Road, Royton			
376	Old57	14 Oldham Road, Royton	392047	407602	14 Oldham Road, Royton			
377	Old58	42 Middleton Road, Royton	391903	407581	42 Middleton Road, Royton			
378	Old59	Our Lady's RC secondary School, Vaughan street, Royton	392058	407243	Our Lady's RC secondary School, Vaughan street, Royton			
379	Old60	Our Lady's RC High School, Broadway, Royton	391775	407052	Our Lady's RC High School, Broadway, Royton			
380	Old61	11 Farholme, Royton	391155	406717	11 Farholme, Royton			
381	Old62	40 Burnley Lane, Chadderton	391425	406047	40 Burnley Lane, Chadderton			
382	Old63	74 Burnley Lane, Chadderton	391345	406085	74 Burnley Lane, Chadderton			
383	Old64	Westwood Primary School, Middleton Road	391621	405137	Westwood Primary School, Middleton Road			
384	Old65	Westwood Primary School Nursery, Middleton Road	391602	405107	Westwood Primary School Nursery, Middleton Road			
385	Old66	St. Herberts RC Primary School, Broadway, Chadderton	390351	405796	St. Herberts RC Primary School, Broadway, Chadderton			
386	Old67	North Chadderton Comp. School, Broadway, Chadderton	390504	405796	North Chadderton Comp. School, Broadway, Chadderton			
387	Old68	Firwood Manor Prep School, Broadway, Chadderton	390675	406239	Firwood Manor Prep School, Broadway, Chadderton			
388	Old69	1128 Middleton Road, Chadderton	388956	406114	1128 Middleton Road, Chadderton			
389	Old70	Richmond County Junior School, Richmond Walk	391857	405011	Richmond County Junior School, Richmond Walk			
390	Old71	St. Patricks Primary School, Pembroke Street	392052	404688	St. Patricks Primary School, Pembroke Street			
391	Old72	Summervale Primary School, Lee Street	391929	404676	Summervale Primary School, Lee Street			
392	Old73	Oldham College, Alderson Street	392150	405193	Oldham College, Alderson Street			
394	Old75	Royal Oldham Hospital, Rochdale Road	392062	406289	Royal Oldham Hospital, Rochdale Road			
395	Old76	Dryclough Manor (Care Home), Valley Road, Royton	392222	407219	Dryclough Manor (Care Home), Valley Road, Royton			

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
		Valley Road, Royton						
396	Old77	Werneth Lodge, 40 Manchester Road	391359	404231	Werneth Lodge, 40 Manchester Road			
397	Old78	Corpus Christi RC Primary School, Stanley Road	390879	403550	Corpus Christi RC Primary School, Stanley Road			
398	Old79	22 Cardigan Road, Near M60/Manchester Rd Junction	390683	402646	22 Cardigan Road, Near M60/Manchester Rd Junction			
399	Old80	Waggon and Horses PH, 485 Manchester Road	390454	402420	Waggon and Horses PH, 485 Manchester Road			
400	Old81	Stansfield Road Primary School, Stansfield Road	390249	401992	Stansfield Road Primary School, Stansfield Road			
401	Old82	1 Firs Avenue, Manchester Road	389373	401408	1 Firs Avenue, Manchester Road			
402	Old83	Firs Hall, Firs Avenue	389363	401452	Firs Hall, Firs Avenue			
403	Old84	Acorn Lodge Residential Care Home, Oldham Road	389166	401206	Acorn Lodge Residential Care Home, Oldham Road			
404	Old85	Mather Street Primary School, Mather Street	388921	401442	Mather Street Primary School, Mather Street			
405	Old86	Hardman Fold School, Dean Street	388893	401300	Hardman Fold School, Dean Street			
406	Old87	Whitegate End County Primary School, Butterworth Lane	389446	403085	Whitegate End County Primary School, Butterworth Lane			
407	Old88	South Chadderton School, Butterworth Lane	389543	403087	South Chadderton School, Butterworth Lane			
408	Old89	505 Broadway, Chadderton	389440	403294	505 Broadway, Chadderton			
409	Old90	2 Stott Road, Chadderton	389400	403294	2 Stott Road, Chadderton			
410	Old91	139 Lord Lane, Chadderton	389599	403441	139 Lord Lane, Chadderton			
411	Old92	The Kingfisher Community Special School, Foxdenton Lane	389893	404108	The Kingfisher Community Special School, Foxdenton Lane			
412	Old93	8-22 Stott House, Eldon Street Estate	392451	404490	8-22 Stott House, Eldon Street Estate			
413	Old94	Broadfield Primary School, Goddard street	392675	403868	Broadfield Primary School, Goddard street			
414	Old95	St. Pauls Court, Ashton Road	392583	403827	St. Pauls Court, Ashton Road			
415	Old96	464 Ashton Road, Hathershaw	392756	403023	464 Ashton Road, Hathershaw			
416	Old97	Hathershaw Technology College, Ashton Road	392763	402859	Hathershaw Technology College, Ashton Road			
417	Old98	677 Ashton Road, Hathershaw	392851	402581	677 Ashton Road, Hathershaw			
418	Old99	Lyndhurst Junior School, Lyndhurst Road	391960	402981	Lyndhurst Junior School, Lyndhurst Road			
419	Old100	Kaskenmoor School, Roman Road	390973	401977	Kaskenmoor School, Roman Road			
420	OL3	Mumps Roundabout, Oldham	393326	405146	Mumps Roundabout, Oldham			
421	OL5	Mount Pleasant Street, Oldham	393792	405116	Mount Pleasant Street, Oldham			
422	OL7	Kershaw Street, Shaw, Oldham	393766	409052	Kershaw Street, Shaw, Oldham			
425	OL11	Mellor Street, Failsworth, Oldham	388958	401182	Mellor Street, Failsworth, Oldham			
426	OL12	Bluecoats School, Egerton	392902	405410	Bluecoats School, Egerton Street, Oldham			

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
		Street, Oldham						
427	OL13	Yorkshire Street, Oldham	392973	405073	Yorkshire Street, Oldham			
428	OL14	Middleton Road, Chadderton, near Asda	390795	405378	Middleton Road, Chadderton, near Asda			
429	OL15	Market Street, Shaw, Oldham	393915	408997	Market Street, Shaw, Oldham			
430	OL16	West End House, West End Street, Oldham	391860	405513	West End House, West End Street, Oldham			
431	OL17	Norfolk Street, Werneth, Oldham	391224	403857	Norfolk Street, Werneth, Oldham			
432	OL18	Huddersfield Road, Uppermill, Saddleworth	399510	405382	Huddersfield Road, Uppermill, Saddleworth			
433	OL19	High Street, Uppermill, Saddleworth	399597	405525	High Street, Uppermill, Saddleworth			
434	W1		354198	410782	21 Hesketh Drive Shevington	Residential		
435	W2		354356	410449	Crow Orchard Farm Shevington	Residential		
436	W3		354220	410422	Chamberlains Farm	Residential		
437	W4		354068	410440	Home Farm Shevington	Residential		
438	W5		353789	408538	65 New Miles Lane Shevington	Residential		
439	W6		353727	406485	Vale Royal Gathurst Lane Shevington	Residential		
440	W7		353802	406011	116 Spring Road Orrell	Residential		
441	W8		353721	405968	92 Spring Road Orrell	Residential	diffusion tube site	
442	W9		353422	405061	The Stag Public House Orrell	Residential		
443	W10		353454	405052	224 Orrell Road Orrell	Residential		
444	W11		353405	405035	263 Orrell Road Orrell	Residential		
445	W12		353224	404744	68 Moor Road Orrell	Residential		
446	W13		353201	404708	107 Moor Road Orrell	Residential		
447	W14		353385	405002	2 Moor Road Orrell	Residential	diffusion tube site	
448	W15		353558	404674	66 Beechwood Crescent Orrell	Residential		
449	W16		353849	404924	158 Orrell Road Orrell	Residential		
450	W17		353856	404876	1a East Mount Road Orrell	Residential		
451	W18		353966	404893	146 Orrell Road Orrell	Residential		
452	W19		354462	404728	68 Orrell Road Orrell	Residential		
453	W20		354432	404721	85 Orrell Road Orrell	Residential		
454	W21		354809	404629	751 Ormskirk Road Pemberton	Residential		
455	W22		354804	404611	800 Ormskirk Road Pemberton	Residential		
456	W23		354712	404626	Ye Old White Swan Pemberton	Residential		
457	W24		354678	404664	791 Ormskirk Road Pemberton	Residential		
458	W25		355261	404512	644 Ormskirk Road Pemberton	Residential		
459	W26		355649	404537	512 Ormskirk Road Pemberton	Residential		
462	W29		358021	405291	St Josephs Presb Newtown	Residential		
465	W32		358090	405435	Swan and Railway Hotel Wigan	Residential		
466	W33		357676	405864	3 Frog Lane Wigan	Residential		
468	W35		358028	406734	2 Walkden Avenue Wigan	Residential		
472	W39		357688	408665	2a Wigan Road Standish	Residential		
473	W40		356480	409833	32 High Street Standish	Residential		
474	W41		356161	410195	3 Market Street Standish	Residential		
475	W42		356656	410297	35 Preston Road Standish	Residential		
476	W43		356380	400783	242 Downall Green Road Ashton	Residential		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
477	W44		356400	400760	249 Downall Green Road Ashton	Residential		
478	W45		356313	400733	275 Downall Green Road Ashton	Residential		
479	W46		356585	400143	58 Clough Grove Ashton	Residential		
480	W47		356888	398980	12 Satinwood Close Ashton	Residential		
481	W48		356962	398870	32 Firwood Grove Ashton	Residential		
482	W49		357005	398831	1Firwood Grove Ashton	Residential		
483	W50		357225	398555	67 Old Hall Drive Ashton	Residential		
484	W51		356704	399477	2 Salkeld Avenue Ashton	Residential		
485	W52		357721	398808	13 Warrington Road Ashton	Residential		
487	W54		357698	399124	30 Bryn Street Ashton	Residential		
488	W55		357876	399224	Robin Hood Gerrard Street Ashton	Residential		
489	W56		358059	399440	85 Bolton Road Ashton	Residential		
491	W58		358340	399731	574 Bryn Road Ashton	Residential		
494	W61		357676	398981	Public House Warrington Road Ashton	Residential		
495	W62		356876	401349	551 Wigan Road Bryn	Residential		
496	W63		356842	402291	Derbyshire House Farm Bryn	Residential		
497	W64		356842	403061	628 Warrington Road Bryn	Residential		
499	W66		356686	404055	320 Warrington Road Goose Green	Residential		
502	W69		356677	404231	221 Warrington Road Goose Green	Residential		
503	W70		372020	401166	951 East Lancs Road Mosley Common	Residential		
504	W71		372792	401098	909 East Lancs Road Mosley Common	Residential		
505	W72		371938	401237	264 Mosley Common Road Mosley Common	Residential		
506	W73		371582	401360	91 East Lancs Road	Residential		
507	W74		370370	400446	557 East Lancs Road	Residential		
508	W75		369547	399873	11 Abbotts Green	Residential		
509	W76		366962	399442	46 Warrington Road Leigh	Residential		
510	W77		362489	396943	101 East Lancs Road Lowton	Residential		
511	W78		361198	396876	13 Church Lane Lowton	Residential		
512	W79		362127	396943	31 Church Lane Lowton	Residential		
513	W80		360321	397138	2 Warrington Road Leigh	Residential		
514	W81		359850	397289	57 Park Road Golborne	Residential		
517	W84		360741	398540	93 Church Street Golborne	Residential		
518	W85		362293	396964	18 Wensley Road Lowton	Residential		
519	W86		363615	397967	36 Newton Road Lowton	Residential		
520	W87		363983	397956	420 St Helens Road Lowton	Residential		
521	W88		364280	398170	315 St Helens Road Leigh	Residential		
524	W91		365136	400195	21 Endlay Street Leigh	Residential		
525	W92		365016	400187	184 Twist Lane Leigh	Residential		
526	W93		365452	400976	68 Kirkhall Lane	Residential		
528	W95		365637	400980	10 Kirkhall Lane Leigh	Residential		
529	W96		365537	401242	231 Maple Crescent Leigh	Residential		
535	W102		365683	400584	25 Leigh Road Leigh	Residential		
536	W103		365718	400421	9 The Avenue Leigh	Residential		
539	W106		365608	399530	Public House Twist Lane Leigh	Residential		
540	W107		365192	400070	136 Twist Lane Leigh	Residential		
541	W108		366305	402129	375 Leigh Road Leigh	Residential		
542	W109		366347	402353	283 Leigh Road Howe Bridge	Residential		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
546	W113		367802	403311	Concert Inn Bolton Road Atherton	Residential		
547	W114		367893	403411	58 Bolton Road Atherton	Residential		
550	W117		368789	403988	286 Bolton Road Atherton	Residential		
551	W118		367919	402826	132 Tyldesley Road Hindsford	Residential		
555	W122		368675	402235	2 Castle Road Tyldesley	Residential		
556	W123		368812	402136	Butchers PH Castle Road Hindsford	Residential		
557	W124		368883	402021	111 Elliott Street Tyldesley	Residential		
558	W125		368958	402033	139 Elliott Street Tyldesley	Residential		
559	W126		369238	402131	154 Shuttle Street Tyldesley	Residential		
560	W127		369294	402136	171 Shuttle Street Tyldesley	Residential		
561	W128		369359	402139	3 Underwood Terrace Tyldesley	Residential		
562	W129		369414	402036	1 Manchester Road Tyldesley	Residential		
563	W130		369507	402034	39 Manchester Road Tyldesley	Residential		
564	W131		370424	401958	347 Manchester Road Tyldesley	Residential		
565	W132		370657	401979	74 Sale Lane Tyldesley	Residential		
566	W133		371671	401369	183 Mosley Common Road Mosley Common	Residential		
567	W134		372018	401165	961 East Lancs Road Mosley Common	Residential		
568	W135		371992	401172	231 Mosley Common Road Mosley Common	Residential		
569	W136		371868	401122	927 East Lancs Road Mosley Common	Residential		
570	W137		371402	400974	190 Chaddock Lane Astley	Residential		
571	W138		371576	401027	16 Gilda Close Astley	Residential		
572	W139		371318	400952	201 Chaddock Lane Astley	Residential		
573	W140		370609	400785	416 Manchester Road Astley	Residential		
574	W141		370364	400700	563 Higher Green Lane Astley	Residential		
575	W142		370414	400412	570 East Lancs Road Astley	Residential		
576	W143		367953	399746	385 Manchester Road Leigh	Residential		
580	W147		363861	402050	345 Smiths Lane Hindley Green	Residential		
581	W148		364062	403042	862 Atherton Road Hindley Green	Residential		
582	W149		365941	402965	436 Wigan Road Atherton	Residential		
588	W155		361282	404535	105 Wigan Road Hindley	Residential		
597	W164		358965	405850	151 Greenough Street Scholes Wigan	Residential		
605	W172		358706	405432	42 Warrington Lane Wigan	Residential		
606	W173		358487	406010	St Johns Church Presb Powell Street Wigan	Residential		
610	W177		356428	409946	100 High Street Standish	Residential		
611	W178		356151	401186	2 High Street Standish	Residential		
612	W179		356183	410207	13 Market Street Standish	Residential		
613	W180		356043	410149	10 School Lane Standish	Residential		
614	W181		354665	410578	1 Shevington Moor Shevington	Residential		
615	W182		357688	408664	2a Chorley Road Standish	Residential		
616	W183		356313	406987	2 Beech Avenue Beech Hill	Residential		
617	W184		356257	405960	301 Scot Lane Wigan	Residential		
620	W187		355269	403115	1 Holmes House Avenue Winstanley	Residential		
621	W188		354739	402161	Hill House Farm Winstanley	Residential		
622	W189		356613	400106	40 Bispham Drive Ashton	Residential		
623	W190		356816	399175	21 Houghwood Ashton	Residential		
627	W194		359432	401125	583 Bolton Road Landgate	Residential		
628	W195		360525	402339	9 Warrington Road Platt Bridge	Residential		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
629	W196		360445	402418	60 Warrington Road Platt Bridge	Residential		
630	W197		363964	401991	373 Leigh Road Westleigh	Residential		
631	W198		366962	399540	14 Warrington Road Leigh	Residential		
632	W199		359181	404413	16 Westwood Terrace Ince	Residential		
636	W203		363323	397740	145 Newton Road Lowton	Residential		
638	W205		365884	403044	2 Schofield Lane Hindley Green	Residential		
640	W207		354199	410631	114 Shevington Moor Standish	Residential	diffusion tube site	
641	W208		365189	400382	Atherleigh Way Leigh	Residential	diffusion tube site	
642	W209		354114	404803	143 Orrell Road Orell	Residential	diffusion tube site	
643	W210		353827	404570	Parkside Crescent Orrell	Residential	diffusion tube site	
644	W211		364956	400208	204 Twist Lane Leigh	Residential	diffusion tube site	
645	W212		357198	398588	50 Old Hall Drive Ashton	Residential	diffusion tube site	
646	W213		371452	400960	Queens Arms Hotel Astley	Residential	diffusion tube site	
647	W214		356857	402846	688 Warrington Road Hawkley Hall	Residential	diffusion tube site	
648	W215		360233	405170	Dobson Parkway Ince Wigan	Road Side	diffusion tube site	
649	W216		353850	404855	1 East Mount Orrell	Residential	diffusion tube site	
653	W220		369528	402023	42 Manchester Road Tyldesley	Residential	diffusion tube site	
654	W221		370622	400574	617 East Lancs Road Tyldesley	Residential	diffusion tube site	
655	W222		370173	398600	Lower Green Lane Astley	Rural	diffusion tube site	
657	W224		360438	402556	Carr Street Platt Bridge	Residential	diffusion tube site	
658	W225		356973	405147	Fire Station Newtown	Fire Station	diffusion tube site	
659	W226		361834	404089	93 Atherton Road Hindley	Residential	diffusion tube site	
660	W227		358342	405539	Wigan Town Hall Library Street Wigan	Town Hall	diffusion tube site	
661	W228		360291	402963	91 Walthew Lane Platt Bridge	Residential	diffusion tube site	
663	W230		361916	404822	64 Ladies Lane Hindley	Residential	diffusion tube site	
664	W231		366423	399893	Turner Street/Chapel street Leigh	Road Side	diffusion tube site	
665	W232		358741	405336	8 Walmsley Street Wigan	Residential	diffusion tube site	
666	W233		363828	402032	10 Smiths Lane Hindley Green	Residential	diffusion tube site	
667	W234		370440	401959	355 Manchester Road Tyldesley	Residential	diffusion tube site	
668	W235		353832	408190	61 The Oval Shevington	Residential	diffusion tube site	
669	W236		359726	405534	Rose Court Manchester Road	Road Side	diffusion tube site	
670	W237		365381	399990	Rydal Street/Twist Lane Leigh	Road Side	diffusion tube site	
671	W238		357130	398668	Woodfield Crescent Ashton	M6	diffusion tube site	
672	W239		357368	398952	2 Smallshaw Crescent Ashton	Residential	diffusion tube site	
673	W240		356913	399045	4 Satinwood Close Ashton	Residential	diffusion tube site	
674	W241		357045	398755	7 Ashwood Avenue Ashton	Residential	diffusion tube site	
675	W242		357053	398794	3 Ashwood Avenue Ashton	Residential	diffusion tube site	
676	W243		359776	406905	300 Whalley Wigan	Residential	diffusion tube site	
677	W244		359161	405460	183 Darlington Street East Wigan	Residential	diffusion tube site	
678	W245		358141	399515	Bolton Road Ashton	Road Side	diffusion tube site	
680	W247		361423	404476	56 Wigan Road Hindley	Residential	diffusion tube site	
681	W248		358257	405160	89 Queen Street Wigan	Residential	diffusion tube site	
682	W249		356398	409973	Globe PH High Street Standish	Road Side	diffusion tube site	
684	W251		362137	396947	Church Lane Lowton	Residential	diffusion tube site	
685	W252		353896	408519	37 New Miles Lane Shevington	Residential	diffusion tube site	
686	W253		370613	400583	617 East Lancs Road Tyldesley	Residential	diffusion tube site	
687	W254		353931	404899	148 Orrell Road Orrell	Residential	diffusion tube site	

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
688	W255		356228	410104	Cross Street/High Street	Road Side	diffusion tube site	
689	W256		357742	405208	1 Canal Cottages Pottery Road Wigan	Residential	diffusion tube site	
690	W257		357624	404201	40 Poolstock Lane Wigan	Residential	diffusion tube site	
691	W258		357373	403744	174 Poolstock Lane Wigan	Residential	diffusion tube site	
692	W259		355103	404558	657 Ormskirk Road Pemberton	Residential	diffusion tube site	
693	W260		364025	403079	823 Atherton Road Hindley	Residential	diffusion tube site	
694	W261		354411	404728	91 Orrell Road Orrell	Residential	diffusion tube site	
695	W262		356930	404984	29 Warrington Road Newtown	Residential	diffusion tube site	
696	W263		367119	403171	103 Mealhouse Lane Atherton	Residential	diffusion tube site	
699	W266		355983	410019	Greenacres Old Peoples Home	Residential	diffusion tube site	
702	W269		357670	408637	Boars Head Inn Wigan Road Standish	Residential	diffusion tube site	
703	W270		354256	410557	Junction 27 M6 Standish	M6	diffusion tube site	
704	W271		354503	402098	Pemberton Road Bridge Highfield	Road Side	diffusion tube site	
705	W272		356818	402243	Warrington Road Goose Green	Road Side	diffusion tube site	
706	W273		356673	403859	Warrington Road A49 Little Lane	Road Side	diffusion tube site	
707	W274		368869	402008	90 Elliott Street Tyldesley	Residential	diffusion tube site	
711	W278		358535	405773	Crompton Street, Wigan	Road Side	diffusion tube site	
713	W280		357741	398652	Bay Horse Hotel, Ashton	Residential	diffusion tube site	
714	W281		356636	399505	Salkeld Avenue, Ashton (M6)	Residential	diffusion tube site	
715	W282		357686	399356	Ashton Library, Ashton	Residential	diffusion tube site	
716	W283		359736	397254	Park Rd, Golborne (A580)	Residential	diffusion tube site	
717	W284		362747	397290	Laburnum Road, Leigh	Residential	diffusion tube site	
718	W285		362640	396905	East Lancs Road, Lowton (A580)	Residential	diffusion tube site	
719	W286		353605	403391	Winstanley College, Winstanley	Residential	diffusion tube site	
724	W291		353852	408201	Naylor Farm Ave, Shevington (M6)	Residential	diffusion tube site	
726	W293		353850	404848	1 East Mount Orrell (2) (M6)	Residential	diffusion tube site	
727	W294		365116	400260	Atherleigh Way, Leigh	Residential	diffusion tube site	
728	W295		353845	405360	Winchester Close, Orrell	Residential	diffusion tube site	
729	W296		366126	401028	Leigh Infirmary, Leigh	Residential	diffusion tube site	
730	W297		365846	401719	Hendon Road, Leigh	Residential	diffusion tube site	
734	W301		353813	408186	The Oval 1 (M6), Shevington	Residential	diffusion tube site	
738	W305		369458	402035	Manchester Road, Tyldesley 1	Residential	diffusion tube site	
743	W310		354122	404801	Abraham Guest, Orrell Road 1, Orrell (M6)	Residential	diffusion tube site	
747	W314		362290	403878	254 Atherton Road Hindley	Residential	diffusion tube site	
748	W315		367348	403232	Fletcher Street Atherton	Residential	diffusion tube site	
749	W316		355975	410359	54 Preston Road Standish	Residential	diffusion tube site	
750	W317		358344	399975	467 Bryn Road Ashton	Residential	diffusion tube site	
751	W318		357100	400795	292 Wigan Road Bryn	Residential	diffusion tube site	
753	W320		370610	400788	416 Chaddock Lane Astley	Residential	diffusion tube site	
756	W323		366959	399312	98 Warrington Road Leigh	Residential	diffusion tube site	
757	W324		353381	405004	2 Moor Road Orrell	Residential	diffusion tube site	
759	W326		367807	403196	36 High Street Hindsford	Residential	diffusion tube site	
760	W327		366020	402974	217 Wigan Road Atherton	Residential	diffusion tube site	
761	W328		368059	403805	43 Greendale Atherton	Residential	diffusion tube site	
762	W329		354716	406032	54 Prescott Lane Kitt Green	Residential	diffusion tube site	
763	W330		356693	403389	500 Warrington Road Wigan	Residential	diffusion tube site	
764	W331		353843	405364	19 Winchester Close Orrell	Residential	diffusion tube site	

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
766	W333		359616	401373	184 Lily Lane Bamburlong	Residential	diffusion tube site	
767	W334		353271	404657	25 Linden Court, Orrell	Residential	diffusion tube site	
768	W335		362329	402037	517 Bickershaw lane, Bickershaw	Residential	diffusion tube site	
769	W336		363606	399851	147 Plank Lane Leigh	Residential	diffusion tube site	
770	W337		357093	406378	102 Woodhouse Lane, Wigan	Residential	diffusion tube site	
771	W338		356252	405970	395 Scot lane Wigan	Residential	diffusion tube site	
772	W339		356820	404663	152 Warrington Road, New Town	Residential	diffusion tube site	
773	W340		354724	404742	31 Fleet Street Pemberton	Residential	diffusion tube site	
774	W341		355291	405930	83 Kitt Green Road Kitt Green	Residential	diffusion tube site	
775	W342		365221	401688	45 Westleigh Lane Leigh	Residential	diffusion tube site	
776	W343		366385	402422	257 Leigh Road Howe Bridge	Residential	diffusion tube site	
777	W344		368769	403913	270 Bolton Road Atherton	Residential	diffusion tube site	
778	W345		368244	402562	279 Tyldesley Road Tyldesley	Residential	diffusion tube site	
779	W346		368688	402226	5 Castle Street Hindsford	Residential	diffusion tube site	
780	W347		366907	402905	89 Leigh Road Atherton	Residential	diffusion tube site	
781	W348		355978	410362	54 Preston Road Standish	Residential	diffusion tube site	
782	W349		358339	399752	467 Bryn Road Ashton	Residential	diffusion tube site	
783	W350		365587	401359	49 Westbourne Avenue Leigh	Residential	diffusion tube site	
784	W351		370608	400786	416 Chaddock Lane Astley	Residential	diffusion tube site	
785	W352		364427	400291	133 Firs Lane Leigh	Residential	diffusion tube site	
786	W353		367128	399718	42 Manchester Road Leigh	Residential	diffusion tube site	
787	W354		366959	399315	98 Warrington Road, Leigh	Residential	diffusion tube site	
788	W355		356897	401353	536 Wigan Road Bryn	Residential	diffusion tube site	
789	W356		358788	404683	64 William Street, Ince	Residential		
790	W357		358862	405039	41 Warrington Road Ince	Residential		
791	W358		361946	405190	PH Ladies Lane/ Railway Road, Hindley	Residential		
792	W359		368489	403664	188 Bolton Road Atherton	Residential		
793	W360		359998	405365	Last Orders PH Ince	Residential		
795	W362		358801	405928	Nu Nu Nursery Wigan	Nursery		
796	W363		357625	399013	1/3 Liverpool Road Ashton	Residential		
798	W365		364809	400290	6 Wigan Road Leigh	Residential	diffusion tube site	
800	W367		361712	404436	4 Cross Street Hindley	Residential	diffusion tube site	
801	BORP01	The Castle	372911	411210	The Castle	beer garden main junction		
802	BORP02	140 Blackburn Rd	371102	414468	140 Blackburn Rd	frontage main road		
803	BORP03	31 The Hall Coppice	371041	414437	31 The Hall Coppice , Egerton	rear garden		
804	BORP04	432 Darwen Rd	371800	413651	432 Darwen Rd , Bromley Cross	frontage main road		
805	BORP05	HC	371909	413539	Darwen Rd , Bromley Cross	Health Centre		
806	BORP06	286 Turton Rd	373066	412686	286 Turton Rd , Bromley Cross	frontage main road		
807	BORP07	St Maxentius	373550	412213	St Maxentius , Bradshaw	away from main road		
808	BORP08	11 Longsight	374005	412131	11 Longsight , Harwood	frontage main road		
811	BORP11	Tonge Moor School	372903	410268	Tonge Moor School	away from main road		
813	BORP13	752 Blackburn Rd	371554	412764	752 Blackburn Rd	frontage main road		
814	BORP14	703 Blackburn Rd	371507	412098	703 Blackburn Rd	frontage main road		
818	BORP18	46 Brookdale Close	371625	410695	46 Brookdale Close	away from main road		
820	BORP20	Arch St	372356	410077	Arch St	edge of AQMA		
821	BORP21	Mill Hill St	372423	409656	Mill Hill St	edge of AQMA		
823	BORP23	Kestor St	372617	409340	Kestor St	mixed area		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
824	BORP24	Clivedale PI	372017	409119	Clivedale PI	away from main road		
825	BORP25	Market	371414	408993	Market	market		
827	BORP27	Whittakers	371549	409284	Deansgate	shops		
829	BORP29	Hargreaves House	371472	408715	Trinity St	frontage main road		
830	BORP30	Paderborn Court	371309	408960	Paderborn Court	frontage main road		
832	BORP32	Vogue	371852	409204	Vogue	frontage main road		
833	BORP33	Train Station	371821	408721	Train Station	frontage main road		
834	BORP34	Johnson St	371807	408908	Johnson St	away from main road		
835	BORP35	St Georges Rd Flats	371185	409505	St Georges Rd Flats	frontage main road		
836	BORP36	Morrisons	370150	410100	Morrisons	frontage main road		
837	BORP37	667 Chorley Old Rd	369047	410335	667 Chorley Old Rd	frontage main road		
838	BORP38	842 Moss Bank Way	368508	410737	842 Moss Bank Way	frontage main road		
839	BORP39	Ainsworth PH Halliwell Rd	370236	411185	Ainsworth PH Halliwell Rd	frontage main road		
841	BORP41	166 Halliwell Rd	371329	410614	166 Halliwell Rd	frontage main road		
842	BORP42	1 Adisham Dr	371530	410324	1 Adisham Dr	away from main road		
845	BORP45	Bolton School	370165	409326	Bolton School	frontage main road		
847	BORP47	10 Chassen Rd	369715	409278	10 Chassen Rd	away from main road		
848	BORP48	Prep School	368475	409318	Prep School	away from main road		
849	BORP49	605 Chorley New Rd	364866	410384	605 Chorley New Rd	frontage main road		
850	BORP50	Holy Family	364663	410602	Holy Family , Horwich	away from main road		
851	BORP51	Anthony's RC	365017	410225	Anthony's RC , Horwich	away from main road		
852	BORP52	Dr Chorley New Rd	364002	411029	Dr Chorley New Rd , Horwich	frontage main road		
853	BORP53	252 Chorley New Rd	364049	410961	252 Chorley New Rd , Horwich	frontage main road		
854	BORP54	169 Chorley New Rd	363689	411417	169 Chorley New Rd , Horwich	frontage main road		
855	BORP55	Toll Bar	363411	411826	Toll Bar , Horwich	frontage main road		
856	BORP56	Primary Cholrey New Rd	364581	410527	Primary Cholrey New Rd , Horwich	frontage main road		
857	BORP57	Castle Hilll	372753	410948	Castle Hilll	away from main road		
859	BORP59	318 Crompton Way	373140	410853	318 Crompton Way	frontage main road		
860	BORP60	131 Red Lane	374502	410166	131 Red Lane	edge of AQMA		
861	BORP61	14 Red Bridge	375170	410097	14 Red Bridge	edge of AQMA		
862	BORP62	113 Withins Lane	374118	409817	113 Withins Lane	edge of AQMA		
863	BORP63	1088 Bury Rd	375235	409230	1088 Bury Rd	edge of AQMA		
864	BORP64	840 Bury Rd	374639	409397	840 Bury Rd	edge of AQMA		
865	BORP65	318 Bury Rd	373369	409396	318 Bury Rd	frontage main road		
869	BORP69	22 Westbrook Ct	372193	408559	22 Westbrook Ct	edge of AQMA		
870	BORP70	Nile St	371700	408257	Nile St	edge of AQMA		
873	BORP73	32 Oakleigh Ave	372089	406921	32 Oakleigh Ave	edge of AQMA		
877	BORP77	351 Crescent Rd	372795	407108	351 Crescent Rd	frontage main road		
879	BORP79	317 Radcliffe Rd	373439	408101	317 Radcliffe Rd	edge of AQMA		
882	BORP82	103 Church St	375022	407358	103 Church St , Little Lever	frontage main road		
883	BORP83	Library	375636	407268	Library , Little Lever	frontage main road		
884	BORP84	158 Stopes Rd	376349	407431	158 Stopes Rd , Little Lever	edge of AQMA		
885	BORP85	St Gregory's	374281	405783	St Gregory's , Kearsley	edge of AQMA		
886	BORP86	74 West St	374159	406087	74 West St , Kearsley	edge of AQMA		
887	BORP87	156 Cemetery Rd	374668	406308	156 Cemetery Rd , Kearsley	edge of AQMA		
888	BORP88	91 Grosvenor St	374758	405489	91 Grosvenor St , Kearsley	edge of AQMA		
889	BORP89	71 Longcauseway	373947	405342	71 Longcauseway , Farnworth	frontage main road		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
890	BORP90	17 Ellesmere Walk	373825	405648	17 Ellesmere Walk , Farnworth	edge of AQMA		
891	BORP91	25 Queen St	373799	405982	25 Queen St , Farnworth	edge of AQMA		
892	BORP92	44 Hr Market St	374165	405531	44 Hr Market St , Kearsley	frontage main road		
893	BORP93	18 Newport St	373998	405249	18 Newport St , Farnworth	edge of AQMA		
894	BORP94	7 Mayfield Ave	373315	405271	7 Mayfield Ave	edge of AQMA		
895	BORP95	101 St James St	372835	405090	101 St James St , Farnworth	edge of AQMA		
896	BORP96	150 Mossfield Rd	374739	404551	150 Mossfield Rd , Kearsley	edge of AQMA		
897	BORP97	143 Springfield Rd	375074	404704	143 Springfield Rd , Kearsley	edge of AQMA		
898	BORP98	100 Trent Way	375854	404173	100 Trent Way , Kearsley	edge of AQMA		
899	BORP99	73 Dixon Green Dr	373017	405989	73 Dixon Green Dr , Farnworth	edge of AQMA		
900	BORP100	412 Plodder La	372010	405903	412 Plodder La , Farnworth	frontage main road		
901	BORP101	459 Plodder La	371805	405874	459 Plodder La , Farnworth	frontage main road		
902	BORP102	506 Plodder La	371491	405911	506 Plodder La	frontage main road		
903	BORP103	597 Plodder La	371132	405890	597 Plodder La	frontage main road		
904	BORP104	358 Highfield Rd	371162	405796	358 Highfield Rd	edge of AQMA		
905	BORP105	Moss Hall Farm	370603	405477	Moss Hall Farm	edge of AQMA		
906	BORP106	834 Plodder La	369808	406018	834 Plodder La	edge of AQMA		
907	BORP107	2 Crescent Ave	369062	405731	2 Crescent Ave	edge of AQMA		
908	BORP108	173 New Brook Rd	368848	404880	173 New Brook Rd	edge of AQMA		
909	BORP109	6 Range St	370750	407894	6 Range St	edge of AQMA		
910	BORP110	19 Brandon St	370595	407920	19 Brandon St	edge of AQMA		
911	BORP111	71 Church Ave	370324	407846	71 Church Ave	edge of AQMA		
914	BORP114	756 St Helens Rd	368984	406360	756 St Helens Rd	frontage main road		
915	BORP115	898 Wigan Rd	368145	407140	898 Wigan Rd	frontage main road		
916	BORP116	47 Oldstead Gr	368721	407472	47 Oldstead Gr	away from main road		
918	BORP118	325 Deane Church La	369485	407941	325 Deane Church La	frontage main road		
919	BORP119	3 Saviours Terr	370333	408396	3 Saviours Terr	away from main road		
923	BORP123	7 Mason Gdns	371023	408751	7 Mason Gdns	away from main road		
924	BORP124	687 Manchester Rd	367273	406097	687 Manchester Rd , Westhoughton	frontage main road		
925	BORP125	331 Park Rd	366985	406085	331 Park Rd , Westhoughton	frontage main road		
926	BORP126	261 Park Rd	366700	405916	261 Park Rd , Westhoughton	frontage main road		
927	BORP127	20 Singleton	366685	405957	20 Singleton , Westhoughton	away from main road		
928	BORP128	114 Park Rd	366169	405714	114 Park Rd , Westhoughton	frontage main road		
929	BORP129	176 Bolton Rd	366076	406388	176 Bolton Rd , Westhoughton	frontage main road		
930	BORP130	175 Bolton Rd	366084	406420	175 Bolton Rd , Westhoughton	frontage main road		
931	BORP131	40 Bolton Rd	365733	405959	40 Bolton Rd , Westhoughton	frontage main road		
932	BORP132	14 Mill St	365596	405800	14 Mill St , Westhoughton	edge of AQMA		
933	BORP133	59 Park Rd	365817	405795	59 Park Rd , Westhoughton	frontage main road		
934	BORP134	433 Manchester Rd	366572	406418	433 Manchester Rd , Westhoughton	frontage main road		
935	BORP135	Cricketers Way	365383	405739	Cricketers Way , Westhoughton	frontage main road		
936	BORP136	77 Church St	365346	406189	77 Church St , Westhoughton	frontage main road		
937	BORP137	6 James St	365348	406755	6 James St , Westhoughton	away from main road		
938	BORP138	285 Church St	365337	407007	285 Church St , Westhoughton	frontage main road		
939	BORP139	331 Church St	365353	407147	331 Church St , Westhoughton	frontage main road		
940	BORP140	3 Thomas St	365371	407140	3 Thomas St , Westhoughton	away from main road		
941	BORP141	28 Chorley Rd	365280	407271	28 Chorley Rd , Westhoughton	frontage main road		
942	BORP142	7 Bamber Croft	365134	407311	7 Bamber Croft , Westhoughton	away from main road		

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No.	ID	Name	Easting	Northing	Address	Type	Comments	
943	BORP143	252 Chorley Rd	364524	407647	252 Chorley Rd , Westhoughton	frontage main road		
944	BORP144	2 Corner Brook	366402	407225	2 Corner Brook , Westhoughton	edge of AQMA		
945	BORP145	32 Chew Moor La	366440	407230	32 Chew Moor La , Westhoughton	edge of AQMA		
946	BORP146	103 Dicconson La	362992	407595	103 Dicconson La , Westhoughton	edge of AQMA		
947	BORP147	60 Dicconson La	363158	407695	60 Dicconson La , Westhoughton	edge of AQMA		
948	BORP148	79 Wingates La	365297	407703	79 Wingates La , Westhoughton	away from main road		
949	BORP149	Ratcliffes Farm	365399	408108	Ratcliffes Farm , Westhoughton	edge of AQMA		
950	BORP150	34 Scot La	362478	409308	34 Scot La , Blackrod	edge of AQMA		
951	BORP151	218 Station Rd	362559	410672	218 Station Rd , Horwich	frontage main road		
952	BORP152	67 Leigh Rd	365834	405503	67 Leigh Rd , Westhoughton	frontage main road		
953	BORP153	112 Leigh Rd	365806	405491	112 Leigh Rd , Westhoughton	frontage main road		
954	BORP154	166 Leigh Rd	365873	405270	166 Leigh Rd , Westhoughton	frontage main road		
955	BORP155	300 Leigh Rd	365877	404967	300 Leigh Rd , Westhoughton	frontage main road		
956	BORP156	436 Leigh Rd	365839	404633	436 Leigh Rd , Westhoughton	edge of AQMA		
957	BORP157	96 Wigan Rd	365120	405633	96 Wigan Rd , Westhoughton	edge of AQMA		
958	BORP158	141 Wigan Rd	365092	405457	141 Wigan Rd , Westhoughton	edge of AQMA		
959	BORP159	200 Wigan Rd	364959	405369	200 Wigan Rd , Westhoughton	edge of AQMA		
960	BORP160	223 Wigan Rd	364930	405350	223 Wigan Rd , Westhoughton	edge of AQMA		
961	BORP161	522 Wigan Rd	363863	405195	522 Wigan Rd , Westhoughton	edge of AQMA		
962	BORP162	774 Wigan Rd	363128	405246	774 Wigan Rd , Westhoughton	edge of AQMA		
963	BORP163	79 New Heys Way	373897	412685	79 New Heys Way , Westhoughton	edge of AQMA		
964	BORP164	16 Lowstern Cl	3711539	414181	16 Lowstern Cl	away from main road		
965	BORP165	31 Glencoyne Dr	370893	412923	31 Glencoyne Dr	away from main road		
966	BORP166	8 New Colliers Row	368367	412480	8 New Colliers Row	away from main road		
967	BORP167	10 Malvern Cl	364036	412444	10 Malvern Cl , Horwich	away from main road		
968	BORP168	2 Shepherds Cl	3611469	411171	2 Shepherds Cl	away from main road		
969	BORP169	33 Miry Lane	365116	404565	33 Miry Lane	away from main road		
970	BORP170	1 Martinsclough	367100	408988	1 Martinsclough	away from main road		
971	BORP171	15 High Bank	369096	404688	15 High Bank	away from main road		
972	BORP172	54 Campbell St	372658	406520	54 Campbell St , Farnworth	away from main road		
973	BORP173	25 Firwood Ave	373449	405014	25 Firwood Ave	away from main road		
974	BORP174	74 Ringley Rd	376189	405452	74 Ringley Rd , Kearsley	away from main road		
975	BORP175	Heaton Ave	375180	407908	Heaton Ave , Little Lever	away from main road		
976	BORP176	62 Harden Dr	373812	410775	62 Harden Dr	away from main road		
977	BORP177	54 Musgrave Rd	370125	409740	54 Musgrave Rd	away from main road		
979	BOLTON 48		375397	407457	Ainsworth Rd , Little Lever	ongoing	BOLTON	
980	BOLTON 49		375420	407386	Council office , Little Lever	ongoing	BOLTON	
981	BOLTON 51		375412	407365	Council office , Little Lever	ongoing	BOLTON	
982	BOLTON 52		373251	411970	3 Turton Rd , Bromley Cross	ongoing	BOLTON	
983	BOLTON 53		373236	411968	3 Turton Rd , Bromley Cross	ongoing	BOLTON	
984	BOLTON 54		372908	412120	Laburnum Park , Bromley Cross	ongoing	BOLTON	
985	BOLTON 43		365501	409887	Beehive , Horwich	ongoing	BOLTON	
986	BOLTON 44		365599	409845	1007 Chorley New Rd , Horwich	ongoing	BOLTON	
987	BOLTON 46		365694	410166	5 Crowborough , Horwich	ongoing	BOLTON	
988	BOLTON 40		366341	406571	Bolton Rd Manchester Rd , Westhoughton	ongoing	BOLTON	
989	BOLTON 41		366286	406581	White Horse , Westhoughton	ongoing	BOLTON	
990	BOLTON 15		371433	411688	Astley Bridge	ongoing	BOLTON	

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
991	BOLTON 10		370374	408178	Bankfield	ongoing	BOLTON	
992	BOLTON 16		371304	411748	Drummond St	ongoing	BOLTON	
993	BOLTON 3		370763	407929	Quintins	ongoing	BOLTON	
994	BOLTON 8		371537	409091	Le Mans	ongoing	BOLTON	
995	BOLTON 14		337364	406117	Town Hall Farnworth , Farnworth	ongoing	BOLTON	
996	BOLTON 11		363730	412388	Horwich allotments , Horwich	ongoing	BOLTON	
997	BOLTON 4		371349	411718	Manley Terrace	ongoing	BOLTON	
998	BOLTON 34		372007	407726	Weston House	ongoing	BOLTON	
999	BOLTON 60		373287	405061	134 Buckley Lane , Farnworth	ongoing	BOLTON	
1000	BOLTON 61		374450	405207	Primrose St , Kearsley	ongoing	BOLTON	
1001	BOLTON 62		374194	405460	72 Hr Market Street , Kearsley , Bolton , Apr-08	ongoing	BOLTON	
1002	BOLTON 63		374282	406257	2 Fern St , Kearsley , Bolton , Apr-08	ongoing	BOLTON	
1003	BOLTON 64		371965	409907	Bolton Gate , Bolton , Apr-08	ongoing	BOLTON	
1004	BOLTON 65		372059	409877	2 Phoenix St , Bolton , Apr-08	ongoing	BOLTON	
1005	BOLTON 66		371442	411599	505 Blackburn Rd , Bolton , Apr-08	ongoing	BOLTON	
1006	BOLTON 67		365163	405640	3 The Welland , Westhoughton , Bolton , Apr-08	ongoing	BOLTON	
1007	BOLTON 68		367672	406910	24 Winslow Rd , Bolton , Apr-08	ongoing	BOLTON	
1008	BOLTON HA1		367375	406888	22 Whitegate , Bolton , Apr-08	ongoing	BOLTON	
1009	BOLTON LTP1		371955	409865	Turton St , Bolton , Apr-08	ongoing	BOLTON	
1010	ST1	Booth Street	389295	389422	23 Booth Street , Edgeley	Railway Lines		
1011	ST2	Stitch Lane	388796	390966	11 Stitch Lane , Heaton Norris	Railway lines		
1012	ST3	Kingsway Lower School	385280	387955	A34 Kingsway , Gatley , SK8 1NP	School, Dual carriageway		
1013	ST4	Kingsway Upper School	385049	387804	A34 Kingsway , Gatley , SK8 4QX	School, Dual carriageway		
1014	ST5	Highfield Road	385361	387226	Off the A34 Gatley , Highfield Road	Nursery School		
1015	ST6	Day Nursery	384968	388398	10 Metres from A34/Gatley junction , Gatley	Nursery School		
1016	ST7	Cheadle Royal Hospital	385496	386870	100 Wilmslow Road , Heald Green , SK8 3DG	Hospital		
1017	ST8	David Lloyd Sports Centre	385579	386823	Royal Crescent , Cheadle Hulme , SK8 3FL	Sports Centre		
1018	ST9	Portwood Nursery School	390662	391524	Brinnington Rise , Brinnington , SK5 8AA	Nursery School near M60		
1019	ST10	St. Marys Primary School	389364	390778	Roman Road , Heaton Norris , SK4 1RF	Primary School near M60		
1020	ST11	Pendlebury Road	384551	388997	45 Pendlebury Road , Gatley	Domestic property near M60		
1021	ST12	Brinnington Road	390502	391209	12 Brinnington Road , Brinnington	Domestic property near M60		
1022	ST13	Brindale Road	391410	391703	64 Brindale Road , Brinnington	Domestic property near M60		
1023	ST14	Algreave Road	387142	389608	24 Algreave Road , Cheadle Heath	Domestic property near M60		
1024	ST15	Bosley Road	387226	389707	46 Bosley Road , Cheadle Heath	Domestic property near M60		
1025	ST16	Craig Road	387498	390121	69 Craig Road , Heaton Mersey	Domestic property near M60		
1026	ST17	Brighton Road	388235	390285	15 Brighton Road , Heaton Mersey	Domestic property near M60		
1027	ST18	St Thomas C of E Primary	388162	392555	Wellington Road North , Heaton Chapel , SK4 4QG	Primary School off the A6		
1028	ST19	Stockport College	389591	389624	Wellington Road South , Shaw Heath , SK1 3UQ	Higher Education College off A6		
1029	ST20	Stockport Town Hall	389564	389919	Edward Street , SK1 3XE	Town Hall		
1030	ST21	Stockport Grammar	390481	388204	Buxton Road , Heaviley , SK2 7AF	High School		
1031	ST22	Stockport School	390802	388309	Mile End Lane , Heaviley , SK2 6BW	High School		
1032	ST23	North Reddish Junior School	389718	394268	Longford Road , Reddish , SK5 6XB	Primary School		
1033	ST24	Gorton Road	389662	394261	262 Gorton Road , Reddish	Domestic property near Longford Road		
1034	ST25	Gorton Road	389637	394163	217 Gorton Road , Reddish	Domestic Property near Mill Lane Junc.		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1035	ST26	St Joseph RC Junior School	389452	393584	Higginson Road , Reddish , SK5 6BG	Primary School		
1036	ST27	Reddish Road	389504	393390	422 Reddish Road , Reddish	Property Houldsworth Square Junction		
1037	ST28	Abney Road	388400	392403	4 Abney Road , Reddish	Domestic Property		
1038	ST29	White Hart Cheadle	385621	388582	High Street , Cheadle , SK8 1PX	Public House		
1039	ST30	High Street Cheadle	385755	388668	44 High Street , Cheadle	Flats		
1040	ST31	Woodford Road	389040	384496	2 Woodford Road , Bramhall	Shops/flats		
1041	ST32	Chester Road	389591	383103	396 Chester Road , Bramhall	Shops/flats		
1042	ST33	Strathclyde Nursery	391302	389485	90 Offerton Lane , Offerton	Nursery School		
1043	ST34	Offerton Lane	390912	389781	211 Offerton Lane , Offerton	Domestic Property; junc with Banks Lane		
1044	ST35	Hall Street	390302	390153	29 Hall Street , Offerton	Domestic property		
1045	ST36	Newbridge Lane	390801	390918	262 Newbridge Lane , Portwood	Domestic prop. Junc. With Carrington Road		
1046	ST37	Carrington Road	390788	390984	101 Carrington Road , Portwood	Domestic prop.		
1047	ST38	Stockport Road West	392493	391743	109 Stockport Road West , Bredbury	Domestic prop. On busy junc.		
1048	ST39	Stockport Road West	392071	391646	394 Stockport Road West , Bredbury	Domestic prop. On busy junc.		
1049	ST40	Hyde Road	393192	391985	1 Hyde Road , Bredbury	Domestic prop. On george lane junc.		
1050	ST41	Stockport Road	395520	388726	141 Stockport Road , Marple	Domestic prop.		
1051	ST42	Stockport Road	395852	388644	24 Stockport Road , Marple	Domestic prop		
1052	ST43	Lowerfold	396546	389486	2 Lowerfold , Marple Bridge	Domestic prop. Centre of Marple Bridge		
1053	ST 44	Compstall Road	396615	389977	180 Compstall Raod , Marple Bridge	Domestic on junc. With Glossop Road		
1054	ST 45	Seventeen Windows	393653	388592	Marple Road , Offerton	Domestic on junc.		
1056	ST 47	Manchester Road	388250	392553	476 Manchester Road , Heaton Chapel	Domestic- Manch Rd/A6 Junc.		
1057	ST 48	Rutland Crescent	391622	392480	30 Rutland Crescent , Brinnington	Domestic along M60		
1058	ST 49	Barrack Hill	393314	390993	Former Barrack Hill Primary School , Bredbury	Retirement homes on busy junc.		
1059	ST 50	Heaton Moor Road	387797	391744	122 Heaton Moor Road , Heaton Moor	Nursing home		
1060	ST51	Appleton Manor and Lodge	391656	392310	Brinnington Road , Brinnington	Nursing home		
1061	ST52	Silverdale	392983	391223	20 Bents Avenue , Bredbury	Retirement Home		
1062	ST53	Grove Lodge Care Home	392945	386219	62 Buxton Road , Hazel Grove	Retirement Home		
1063	ST54	Grosvenor Hall	389430	390893	Lancashire Hill , Heaton Chapel , SK4 1UB	Retirement Home		
1064	ST55	Piccolinos	388976	384509	207 Moss Lane , Bramhall , SK7 1BA	Roadside restaurant		
1065	ST56	Buluga	389091	384573	26 Bramhall Lane South , Bramhall	Roadside restaurant		
1066	ST57	The Orangery	387973	391891	56 Heaton Moor Road , Heaton Moor	Roadside restaurant		
1067	ST58	Damson	387565	391292	113 Heaton Moor Road , Heaton Moor	Roadside restaurant		
1069	ST60	Horseshoe Inn	394930	385419	11 Buxton Road , High Lane	Roadside pub		
1070	ST61	Didsbury Primary School	386814	390714	Mereside School , Heaton Mersey	Primary School		
1071	ST62	Didsbury Road	388310	390355	52 Didsbury Road , Heaton Mersey	Domestic prop.		
1072	ST63	Didsbury Road	388265	390332	3 Didsbury Road , Heaton Mersey	Domestic prop.		
1073	ST64	Didsbury Road	388206	390372	82 Didsbury Road , Heaton Mersey	Domestic prop.		
1074	ST65	Didsbury Road	388134	390379	41 Didsbury Road , Heaton Mersey	Domestic prop.		
1075	ST66	Warwick Road	393235	390864	St. Christophers RC. , Bredbury	Primary School		
1076	ST67	London Road	392351	386753	341 London Road , Hazel Grove	Roadside pub		
1077	ST68	Stockport Road	395755	388674	48 Stockport Road , Marple	Roadside restaurant		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1078	ST69	Glenfield Road	388705	391602	St Annes RC School , Heaton Chapel	High School off A6		
1079	ST70	Wellington Road North	388644	391619	220a Wellington Road North , Heaton Chapel	Domestic prop. On A6 north		
1080	ST71	Manvers Street	389485	391397	1 Manvers Street , Lancashire Hill	Domestic prop off Lanc. Hill roundabout		
1081	ST72	Albion Close	389294	391422	20 Albion Close , Lancashire Hill	Domestic prop off Lanc. Hill roundabout		
1082	ST73	Abingdon Road	389733	393059	Abingdon Primary School , Reddish	Primary School off Reddish Road		
1083	ST74	David Street	389446	393601	St Josephs RC Junior School , Reddish	Junior School off Gorton Road		
1084	ST75	Recycling Centre	392415	392254	Bredbury Parkway , Bredbury	Recycling Centre		
1085	ST765	Stockport College	389432	389451	Old St Thomas Hospital Site , Shaw Heath	New Development		
1086	Stockport Whitehill		389077	392012	Whitehill Firestation , Reddish		your LA name	
1087	Stockport Heald Green		384889	385846	heald Green Health Centre , Finney Lane , Heald Green		Stockport	
1088	Stockport Denby Lane		388558	391852	Denby Lane , Heaton Chapel		Stockport	
1089	Stockport Compstall		396468	390801	Kiddiwinks , Andrew Street , Compstall		Stockport	
1090	Stockport Lyme Farm		396873	382687	Lyme Farm , Lyme Park , Disley		Stockport	
1091	Stockport Cheadle Library		385953	388534	23 Ashfield Road , Cheadle		Stockport	
1092	Stockport H. Grove Civic		392062	386970	Civic Centre , London Road , Hazel Grove		Stockport	
1093	Stockport Marshalls Yard		392017	387043	Marshalls Yard , Hazel Grove		Stockport	
1094	Stockport Alderley Close		392743	385680	19 Alderley Close , Hazel Grove		Stockport	
1095	Stockport Deneside Cres.		392781	387272	31 Deneside Crescent , Hazel Grove		Stockport	
1096	Stockport Norwood		391082	387938	A6 Off Norwood Road , Great Moor		Stockport	
1097	Stockport Kingsway		385028	388278	56 Kingsway , Gatley		Stockport	
1098	Stockport Prospect Vale		384679	386365	3 Prospect Vale , Heald Green		Stockport	
1099	Stockport Upton Avenue		387362	385910	8 Upton Avenue , Cheadle Hulme		Stockport	
1100	Stockport Bramhall Lane		389887	388958	4 Bramhall Lane , Davenport		Stockport	
1101	Stockport Stc. Rd Bredbury		391563	391223	60 Stockport Road , Bredbury		Stockport	
1102	Stockport Yew Street		388471	390093	2 Yew Street , Kings Reach		Stockport	
1103	Stockport		389260	390407	Debenhams , Princess Street , Stockport		Stockport	

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
	Debenhams							
1104	Stockport Gorton Road		389481	393470	13 Gorton Road , Reddish		Stockport	
1105	Stockport Kennilworth Road		386919	389530	1 Kennilworth Road , Cheadle Heath		Stockport	
1106	Stockport Carmichael St.		388599	389412	102 Carmichael Street , Edgeley		Stockport	
1107	Stockport Calderbrook Drive		387409	387714	29 Calderbrook Drive , Cheadle Hulme		Stockport	
1108	Stockport Stonepail Close		383925	388210	21 Stonepail Close , Gatley		Stockport	
1109	Stockport Brookside Avenue		392529	389225	48 Brookside Avenue , Offerton		Stockport	
1110	Stockport Norbury Drive		395490	388859	13 Norbury Drive , Marple		Stockport	
1111	Stockport Midland Road		389393	387337	39 Midland Raod , Bramhall		Stockport	
1112	Stockport Churwell Avenue		386945	391526	9 Churwell Avenue		Stockport	
1113	Stockport Nangreave Road		390757	388850	118 Nangreave Road , Offerton		Stockport	
1114	Stockport Russell St.		389384	388547	29 Russell Street , Davenport		Stockport	
1115	Stockport Greek Street		389384	389604	Citizens Advice Bureau , Shaw Heath		Stockport	
1118	Stockport Stc. Road Marple		395768	388637	Marple Swimming Pool , Marple		Stockport	
1119	Stockport Pinewood Close		387099	391385			Stockport	
1120	Stockport Finney Lane		385702	386226	129 Wilmslow Road , Heald Green		Stockport	
1437	TMBC01	Poolcroft	380840	391530	Poolcroft , Sale Moor	Residential		
1438	TMBC02	Seymour Park Community Primary School	382010	395780	Seymour Park Community Primary School , Northumberland Road , Old Trafford	School		
1439	TMBC03	Primrose Terrace	376410	396620	Primrose Terrace , Primrose Terrace , Trafford Park	Residential		
1440	TMBC04	Centenary Way	378560	397790	Centenary Way , Trafford Park			
1441	TMBC05	Kingsway Primary School	377450	395730	Kingsway Primary School , Kingsway Park , Davyhulme	School		
1442	TMBC06	Elmwood Court	377638	394800	St Anthonys Catholic College , Bradfield Road , Urmston	School		
1443	TMBC07	Elmwood Court	379300	393910	Elmwood Court , Barton Road , Stretford	Residential		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1444	TMBC08	111 Washway Road	378168	391635	111 Washway Road , Sale	Residential		
1445	TMBC09	Priory Gardens/M60	379900	392700	Priory Gardens/M60 , Dane Road	Park		
1446	TMBC10	Victoria Park Junior School	379910	394920	Victoria Park Junior School , Davyhulme Road East , Stretford	School		
1447	TMBC11	Wellacre Technology College	373860	394580	Wellacre Technology College , Irlam Road , Davyhulme	School		
1448	TMBC12	29 Bucklow Avenue	372030	391560	29 Bucklow Avenue , Partington	Residential		
1449	TMBC13	171 Ullwater Road	374110	395670	171 Ullwater Road , Davyhulme	Residential		
1450	TMBC14	270 Washway Road	377720	391050	270 Washway Road , Sale	Residential		
1451	TMBC15	Tyntesfield Primary School	377270	390440	Tyntesfield Primary School , Alma Road , Timperley	Residential		
1452	TMBC16	277 Manchester Road	376910	389880	277 Manchester Road , Altrincham	Residential		
1453	TMBC17	1 Sandiway Road	376680	388550	1 Sandiway Road , Altrincham	Residential		
1454	TMBC18	9 Goodwood Crescent	379110	388540	9 Goodwood Crescent , Timperley	Residential		
1455	TMBC19	1 Bankside	379630	384720	1 Bankside , Hale Barns			
1456	TMBC20	LTP Monitoring Point	377061	390085	Oposite The Pelican PH , Manchester Road , Timperley	LTP8 Monitoring Point		
1457	TMBC21	M60 Barton Bridge	375630	396950	M60 Barton Bridge , Davyhulme	Development site		
1458	TMBC22	Lostock College	378159	395407	Lostock College , Barton Road , Stretford	School		
1459	TMBC23	Moss Park School	378784	394720	Moss Park School AQMS , Moss Park Road , Stretford	AQMS/School		
1460	TMBC24	A56 AQMS	379416	394019	A56 AQMS , A56 Chester Road , Stretford	AQMS		
1461	TMBC25	65 Granville Road	377506	395062	65 Granville Road , Urmston	Residential		
1462	TMBC26	32 Moss Vale Cresent	377650	395465	32 Moss Vale Cresent , Stretford	Residential		
1463	TMBC27	45 Benbecula Way	376692	396314	45 Benbecula Way , Davyhulme	Residential		
1464	TMBC28	Pinacle Storage	381220	396429	Former warehouse , Old Trafford	Former warehouse		
1465	TMBC29	Proposed biomass plant	375550	396870	Rear WWTW , M60 , Davyhulme	Industrial		
1466	TMBC30	Trafford General Hospital	375631	395132	Trafford General Hospital , Moorside Road , Urmston	Hospital		
1467	TMBC31	Altrincham General Hospital	376606	387782	Altrincham General Hospital , Regent Road , Altrincham	Hospital		
1468	TMBC32	90 Stamford New Road	376774	387734	90 Stamford Road , Altrincham	Shopping/ Pedestrian		
1469	TMBC33	Barbrook	379488	389261	Barbrook , Brooklands , Timperley	Residential		
1470	TMBC34	45 Sherway Drive	379433	389065	45 Sherway Drive , Altrincham	Residentail		
1471	TMBC35	Railway Inn	376917	386907	Railway Inn PH , Ashley Road , Hale	Pedestrian area		
1472	TMBC36	Altrincham Grammar School for Boys	376697	386662	Altrincham Grammar School for Boys , Marlborough Road , Altrincham	School		
1473	TMBC37	Altrincham Grammar School for Girls	376189	387258	Altrincham Grammar School for Girls , Cavendish Road , Altrincham	School		
1474	TMBC38	Stonemasons Arms	378946	389025	Stonemasons Arms , Stockport Road , Timperley	Shopping/ Pedestrian		
1475	TMBC39	291 Manchester Road	376969	389971	291 Manchester Road , Timperley	Residentail		
1476	TMBC40	1 Park Road	377045	389971	1 Park Road , Timperley	Residential		
1477	Trafford, Dunham WwTW		372680	387541	Woodhouse Lane, Dunham		0	
1478	Trafford, Altrincham Hospital		376650	387831	Market Street, Altrincham		0	
1479	Trafford, Sale		379119	392033	Broad Road, Sale		0	

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
	Leisure Centre							
1480	Trafford, Town Hall		380904	395817	Talbot Road, Stretford		0	
1481	Trafford, White City		381221	396441	White City Roundabout, A56, Old Trafford		0	
1482	Trafford, A56/Edge Lane		379699	394452	Stretford		0	
1483	Trafford, M60/A56		379083	393283	Sale		0	
1484	Trafford, M60 Parkway		377447	395749	Trafford Park		0	
1485	Trafford, Timperley Library		379073	389099	Stockport Road, Timperley		0	
1486	Trafford, A56/Marsland Road		378004	391466	Sale		0	
1487	Trafford, Moss Park School AQMS		378780	394687	Moss Park Road, Stretford		0	
1488	Trafford, A56 AQMS		379418	394009	Chester Road, Stretford		0	
1489	Trafford, Cleansing Depot		379619	396373	Second Avenue, Trafford Park		0	
1490	Trafford, A56		377061	390086	Corner of De Quincey Road		0	
1491	Ref : 1- 24		379181	411612	168 Tottington Rd (surgery)			
1492	Ref : 1 -25		379201	411564	203 Tottington Road			
1493	Ref : 3 - 25		379572	411231	25 Tottington Road			
1494	Ref : 4- 25		379603	411117	71 Crostons Road (Post Office)			
1495	Ref : 5-25		379659	410884	5 Bolton Road Bury Bridge			
1496	Ref : 31- 25		379465	410715	93 Bolton Road, Elton			
1497	Ref : 6- 25		380027	410830	1 Phoenix Street Bury			
1498	Ref : 10-25		380489	410440	Bury College, Angouleme Way			
1499	Ref : 9-25		380361	410601	Sandwich Express, Haymarket St			
1500	Ref : 8-25		380221	410529	14 Manchester Road, Bury			
1501	Ref : 18-25		381885	410614	182 Rochdale Road, Bury			
1502	Ref : 11-25		381246	410756	1 Bond Street			
1503	Ref : 12-25		381386	410976	64 Parsonage Street			
1504	Ref : 16-25		382091	411384	83 Rochdale Old Road			
1505	Ref : 19-25		382646	411495	Fairfield CP School, Rochdale			
1506	Ref : 17- 24		383264	411657	Fairfield General Hospital			
1507	Ref : 31a-25		380278	409660	194 Manchester Road/ Radcliffe			
1508	Ref : 22-25		380523	408558	502 Manchester Road/ Dumers La			
1509	Ref : 22a -25		380767	407778	Flats 1-6 River Rise Mancheste			
1510	Ref : 23-25		380569	406893	Parklands(Home for the Elderl			
1511	Ref : 24-25		378734	406790	55 Stand Lane Radcliffe			

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1512	Ref : 25-25		378608	407049	23 Church Street West, Radclif			
1513	Ref : 26-25		378873	407461	119 Spring Lane Radcliffe			
1514	Ref : 0		378355	407404				
1515	Ref : 0		378034	407481				
1516	Ref : 27-25		379392	407814	181 Cross Lane			
1517	Ref : 28-25		379628	407729	Bury Hospice, Dumers Lane Radc			
1518	Ref : 30-25		380042	409403	99 Radcliffe Road Bury			
1519	Ref : 21-25		381975	408802	Cinema, Park 66 Pilsworth			
1520	Ref : 20-25		382555	409264	Jackson Fold Farm Pilsworth Ro			
1521	Ref : 32-25		380125	410245	62 Manchester Road Bury			
1522	Ref : 7-25		379926	410708	Nursery, Tenters Street, Bury			
1523	Ref : 13-25		380874	411143	Fire Station, The Rock Bury			
1524	Ref : 6 - 24		380898	411614	115 Walmersley Rd/ St Marks Sq			
1525	Ref : 15-25		380926	411534	112 Walmersley Rd (Surgery)			
1526	Ref : 14-25		380901	411453	Mosque, 85 Walmersley Road			
1527	Ref : 29-25		379371	408466	259 Bury Road Radcliffe			
1528	Ref : 33-25		378639	410103	St Stephens Cof E Primary Sch			
1529	Ref : 17-25		382039	410836	Broad Oak High School, Hazel A			
1530	Ref : 2 - 25		379314	411515	120 Tottington Road (Home for			
1531	Ref : 2 - 24		378612	412117	398 Tottington Road, Tottingto			
1532	Ref : 3-24		379577	411869	Woodbank C P School, Brandleso			
1533	Ref : 4-24		378995	413055	Kirklea House (home for the El			
1534	Ref : 5-24		379366	412525	372 Brandlesome Road			
1535	Ref : 7-24		380764	412574	322 Walmersley Road			
1536	Ref : 8-24		380594	413495	678 Walmersley Road			
1537	Ref : 9-24		380271	414990	Bassfield Farm Walmersley Rd			
1538	Ref : 10 -24		380192	415358	Higher Gollinrod Bungalow			
1539	Ref : 11 - 24		380076	416481	Shipperbottom Cottage, Manches			
1540	Ref : 12-24		379782	416459	19 Maple Grove, Ramsbottom			
1541	Ref : 13- 24		379993	415574	Gollinrod Farm			
1542	Ref : 14 - 24		380928	414441	Longcroft House, Walmersley OI			
1543	Ref : 15 -24		381890	412418	Gorsey Brow Farm			
1544	Ref : 16 -24		381948	411789	125 Ferngrove			
1545	Ref : 1 - 23		380025	418467	454 Whalley Road, Ramsbottom			
1546	Ref : 2- 23		380024	417899	301 Whalley Road, Ramsbottom			
1547	Ref : 3- 23		379784	416905	Peel Brow School, Fir St. Rams			
1548	Ref :		379055	416969				
1549	Ref : 5 -23		379111	417180	53 Ramsbottom Lane			
1550	Ref : 6 -23		379165	417635	165 Stubbins Lane			
1551	Ref : 1-17		377939	415230	406 Holcombe Brook Mews, Bolto			
1552	Ref : 2-17		377725	415080	495 Bolton Road West			
1553	Ref : 3- 17		376176	414989	296 Bolton Road West Hawkshaw			
1554	Ref : 4- 17		377509	413232	2 Back Chapel Street, Tottingt			
1555	Ref : 5 -17		377719	412773	3 Bury Road Tottington			
1556	Ref : 6 - 17		377470	410409	Rose & Crown Pub, 2-6 Cockey M			
1557	Ref : 1 - 18		376229	410210	Recreation/Play Ground, Bury O			
1558	Ref : 2 -18		375541	410370	31 Bury Old Road Ainsworth			

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1559	Ref : 3 - 18		375745	409074	87 Bury New Road, Brightmet			
1560	Ref : 4 - 18		377420	409453	2 Bury & Bolton Road Radcliffe			
1561	Ref : 5 - 18		375871	408579	24 Newhall Avenue, Radcliffe			
1562	Ref : 6 - 18		376850	407583	498 Bolton Road, Radcliffe			
1563	Ref : 7 - 18		378054	405731	99 Ringley Road West, Radcliff			
1564	Ref : 1 - 26		380145	405873	1 Ringley Road Whitefield			
1565	Ref : 2 - 26		380476	406097	229 Bury New Road, Whitefield			
1566	Ref : 3 - 26		380403	406388	279 Bury New Road, Whitefield			
1567	Ref : 4 - 26		379998	406468	164 Radcliffe New Road, Whitef			
1568	Ref : 5- 26		380416	405592	Pinfold Lane Day Care Centre,			
1569	Ref : 6 - 26		380676	405718	162A Bury New Road, Whitefield			
1570	Ref : 7 - 26		380853	405293	6 Charles Walk, Whitefield			
1571	Ref : 8 - 26		381239	405565	Whitefield C.P. Sch. ,Victoria			
1572	Ref : 9 - 26		380971	404837	10 Hardmans Road, Whitefield			
1573	Ref : 10 - 26		380640	404651	27 Philips Park Road East Whit			
1574	Ref :		380800	404504				
1575	Ref : 12 - 26		381646	405258	9 Warwick Avenue, Whitefield			
1576	Ref : 13 - 26		382962	405928	13 Droughts Lane, Prestwich			
1577	Ref : 14 - 26		383243	406364	Egypt Farm , Egypt Lane			
1578	Ref : 15 - 26		381941	405855	54 Kenmore Road			
1579	Ref : 16 - 26		381884	404497	203 Heywood Road, Prestwich			
1580	Ref : 17 - 26		381173	404141	472 Lloyds TSB Bank, Bury New			
1581	Ref : 18 - 26		381649	403211	167 Bury New Road, Prestwich			
1582	Ref : 19 - 26		381806	403010	124 Bury New Road, Prestwich			
1583	Ref : 20 - 26		382571	403101	127 Bury Old Road, Prestwich			
1584	Ref : 21 - 26		380936	402360	9 Hilton Lane, Prestwich			
1585	Ref : 22 - 26		381381	405164	49 Balmoral Avenue, Whitefield			
1586	Ref : 23 - 26		381703	404961	Heaton Park C.P. Sch, Cuckoo L			
1587	Ref : 24 - 26		381346	404447	Lagos House, Poppythorn Lane,			
1588	Ref : 25 - 26		383375	406318	Lower Droughts Farm, Egypt Lan			
1589	Ref : 26 - 26		382201	405183	5 Usk Close, Whitefield			
1590	Ref : 27 - 26		380674	404954	4 Birch Avenue, Whitefield			
1591	Ref : 28 - 26		382443	403749	215 Bury Old Road, Prestwich			
1592	Ref : 29 - 26		383596	403575	66 Sheepfoot Lane, Prestwich			
1593	Ref : 30 - 26		383579	405963	120 Simister Lane, Prestwich			
1594	Ref : 31 - 26		381933	403946	90 Heywood Road, Prestwich			
1595	Ref : 1 - 33		384375	404926	8 Baguley Crescent, Middleton			
1596	Ref : 2 - 33		384180	404881	15 Old Hall Lane Middleton			
1597	Ref : 3 - 33		384115	405512	Heaton Farm, Heywood Old Road,			
1598	Ref : 34-25		380714	411175	53 Brunswick Street, Bury			
1599	Ref : 35 -25		380776	410880	Thornfield Centre The Rock, Bu			
1600	Ref : 36-25		381009	411040	NHS Walk in Centre/ LLoyds Pha			
1601	Ref : 7-23		380161	417540	54 Bye Road, Ramsbottom Bury			
1602	Ref : 8-23		380018	417116	74 Whalley Road, Ramsbottom			
1603	Tameside 1		394037	397313	King Street Dukinfield		0	
1604	Tameside 2		394798	394916	Hyde Town Hall, Market Street, Hyde		0	
1605	Tameside SP		393930	399170	Market Hall, Ashton	2001	0	

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1606	Tameside 5		400510	396520	Green Lane, Hollingworth		0	
1607	Tameside 9		393430	396365	Two Trees School, Denton		0	
1608	Tamesdie 10		392156	396748	Guide Lane Audenshaw		0	
1609	Tameside 11		400414	396059	Market Street, Hollingworth		0	
1610	Tameside 13		392593	398427	Manchester Road, Ashton		0	
1611	Tameside 14		393703	398791	Park Parade, Ashton		0	
1612	Tameside 15		395412	398727	Stamford Street, Stalybridge		0	
1613	Tameside 16		391470	397924	Manchester Road, Audenshaw		0	
1614	Tameside 17		389404	398218	Manchester Road, Droylsden		0	
1615	Tameside 18		392120	395510	Manchester Road, Denton		0	
1616	Tameside 19		392490	395500	Crown Point Denton		0	
1617	Tameside 20		394525	395100	B&Q, Market Street, Hyde		0	
1618	Tameside 21		400401	395977	Woolley Lane, Hollingworth		0	
1619	Tameside 22		393250	399159	Holy Trinity Church, Dean Street, Ashton		0	
1620	Tameside 23		393620	398591	Cavendish Mill, Cavendish Street, Ashton		0	
1621	Tameside SP		394198	399264	Penny Meadow Ashton		0	
1622	Tameside 3		391000	395133	Thompson Road Denton		0	
1623	Tameside 25		393059	401051	Oldham Rd		0	
1624	Tameside 26		394492	401650	Lees Rd		0	
1625	Tameside 27		396518	398311	Acres Lane		0	
1626	Tameside 28		397039	402441	George Lawton Hall		0	
1627	Tam1	Hollingworth PS	400419	396030		school		
1628	Tam2	Stalyhill Infant School	398040	397265		school		
1629	Tam3	Stalyhill Junior School	397910	397433		school		
1630	Tam4	Longdendale Community Col	400240	396320		school		
1631	Tam5	Arundale PS	398712	395156		school		
1632	Tam6	Pinfold PS	398070	394474		school		
1633	Tam7	Broadbottom CoE PS	398830	393862		school		
1634	Tam8	Mottram CoE PS	399441	395247		school		
1636	Tam10	St Raphaels RC PS	398170	399998		school		
1637	Tam11	Buckton Vale PS	398639	401109		school		
1638	Tam12	St Georges CoE PS	396846	402272		school		
1639	Tam13	Livingstone Primary and N	397116	401947		school		
1640	Tam14	Micklehurst All Saints PS	398005	402097		school		
1642	Tam16	Milton St Johns CoE PS	397412	402653		school		
1644	Tam18	Mossley Hollins High Scho	398356	402319		school		
1645	Tam19	St Pauls CoE PS	397075	398779		school		
1648	Tam22	Bradley Green PS	395888	396624		school		
1649	Tam23	Broadbent Fold PS	396372	397229		school		
1650	Tam24	Copley High School	397422	398912		school		
1651	Tam25	Ridgehill PS	395988	399423		school		
1652	Tam26	Arlies PS	396200	399989		school		
1653	Tam27	Rosehill Methodist PS	395647	400609		school		
1654	Tam28	Greenfield PS	395222	394523		school		
1655	Tam29	St George's CoE PS	394401	394476		school		
1656	Tam30	Dowson PS	395167	393609		school		
1657	Tam31	Gee Cross Holy Trinity PS	395718	393644		school		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1658	Tam32	Leigh PS	395521	394666		school		
1659	Tam33	Alder Community HS	396108	393842		school		
1660	Tam34	Godley PS	395482	395205		school		
1661	Tam35	St Paul's RC PS	395630	395763		school		
1662	Tam36	Flowery Field PS	394723	396021		school		
1663	Tam37	Oakfield PS	395401	396353		school		
1664	Tam38	St John's CoE PS	395405	397662		school		
1665	Tam39	All Saints Catholic Colle	394999	397230		school		
1666	Tam40	Yew Tree PS + Acorn Nurs	395106	396871		school		
1667	Tam41	Astley Sports Col + Comm	395362	396986		school		
1668	Tam42	Yew Tree PS + Acorn Nurs	395223	396967		school		
1669	Tam43	St Mary's RC PS	395080	396783		school		
1671	Tam45	St Christopher's RC PS	395046	400792		school		
1672	Tam46	The Heys PS	394521	399447		school		
1673	Tam47	St Damian's RC Science Co	394973	401140		school		
1674	Tam48	Waterloo PS	393134	400292		school		
1675	Tam49	Cannon Johnson CoE PS	393510	399712		school		
1676	Tam50	Holy Trinity PS	393281	399212		school		
1677	Tam51	Hurst Knoll St James's PS	394298	399976		school		
1678	Tam52	Broadoak PS	394136	400493		school		
1680	Tam54	Dale Grove Secondary Centr	393366	400302		school		
1681	Tam55	Cannon Burrows CoE PS	393129	400513		school		
1682	Tam56	Ashton West End PS	392727	398861		school		
1683	Tam57	Lyndhurst Community PS	393995	398290		school		
1684	Tam58	Parochial CoE PS	394543	399045		school		
1685	Tam59	Ravensfield Community PS	393904	397701		school		
1686	Tam60	St Peter's CoE PS	393023	398032		school		
1687	Tam61	St Stephen's CoE PS	392396	397658		school		
1688	Tam62	Linden Road PS	393364	395253		school		
1689	Tam63	Manor Green PS	393108	393898		school		
1690	Tam64	Poplar Street PS	392465	396951		school		
1691	Tam65	Russell Scott PS	392256	395935		school		
1692	Tam66	St Anne's PS	393303	395574		school		
1693	Tam67	The Hathorn's Community S	391987	396483		school		
1694	Tam68	Egerton Park Arts College	392010	396057		school		
1695	Tam69	St Mary's RC PS	392519	395164		school		
1696	Tam70	St Mary's CoE PS	390500	398119		school		
1697	Tam71	Audenshaw PS	391533	397244		school		
1698	Tam72	Greenfield PS	389968	398837		school		
1699	Tam73	Moorside PS	390696	398476		school		
1700	Tam74	St Stephen's RC PS	390332	398759		school		
1701	Tam75	Droylsden Academy	391215	399545		school		
1702	Tam76	Droylsden Academy	389662	398462		school		
1703	Tam77	Dane Bank PS	390101	394760		school		
1704	Tam78	Denton West End PS	390379	395370		school		
1705	Tam79	Manchester Road PS	389400	398220		school		
1706	Tam80	St Anne's RC PS	390343	397258		school		

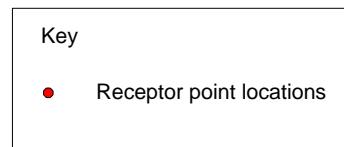
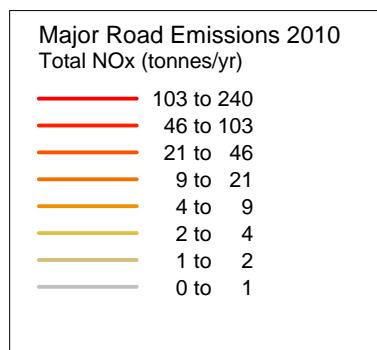
Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1708	Tam82	Fairfield Road PS	389924	397754		school		
1709	Tam83	Fairfield HS for Girls	390114	397616		school		
1710	Tam84	Manchester Road PS	389474	398223		school		
1711	Tam85	Wild Bank Community Schoo	397553	398518		school		
1712	Tam86	Hyde Technology School	394627	395949		school		
1713	Tam87	St Thomas Moore RC Colleg	392431	394855		school		
1714	Tam88	Greswell PS	392175	394651		school		
1715	Tam89	Audenshaw School	392160	396710		school		
1716	Tam90	West Hill School	395751	398875		school		
1717	Tam91	Aldwyn PS	391282	398117		school		
1718	Tam92	Corrie PS	392740	394223		school		
1719	Tam93	Holden Clough Community P	394574	401332		school		
1720	Tam94	St James's RC PS	397905	394916		school		
1721	Tam95	New Charter Academy	395347	399901		school		
1722	Tam96	Air Quality Monitoring Station Mottram Moor	399830	395833				
1723	Tam97	Tameside General Hospital	395300	399598		Hospital		
1724	Tam98	Ashton Market	393880	399172				
1725	Tam99	Hyde Market	394827	394932				
1726	Tam100	Park Parade Ashton	393710	398790		LTP Monitoring Site	Diffusion Tube Site	
1727		Schools	374756	400907		Schools		
1728		Schools	374812	400853		Schools		
1729		Schools	375488	400544		Schools		
1730		Schools	376877	401204		Schools		
1731		Schools	376854	401137		Schools		
1732		Schools	375718	399400		Schools		
1733		Schools	375494	399931		Schools		
1734		Schools	377833	399054		Schools		
1735		Schools	377471	398468		Schools		
1736		Schools	371982	400895		Schools		
1737		Schools	376964	402925		Schools		
1738		Schools	377777	403095		Schools		
1739		Schools	380190	398536		Schools		
1740		Schools	379943	398476		Schools		
1741		Schools	381637	398441		Schools		
1742		Schools	380958	398606		Schools		
1743		Schools	382475	398459		Schools		
1744		Schools	382635	398407		Schools		
1745		Schools	383340	401503		Schools		
1746		Hope Front Entrance	378754	398991		Hospital		
1747	154187	Cornerstone medical Centre	380562	398593		Health Centre		
1748	125587	Ordsall Medical Centre	381870	397584		Health Centre		
1749	152882	Trinity Medical Centre	382633	398552		Health Centre		
1750	149171	Dr Kasman	382844	399470	Moccha Rara	Health Centre		
1751	8196	The Lakes medical Centre	378021	401336		Health Centre		
1752	124324	Willow Tree Healthy Living Centre	381663	400695		Health Centre		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1753	152685	Dr Khan	372910	403419	152 A Alexa	Health Centre		
1754	145711	Gill Medical Centre	373675	403134		Health Centre		
1755		Walkden GateWay Centre	373678	403184		Health Centre		
1756	22090	Cherry Medical Centre	372091	403868		Health Centre		
1757	146840	Dr Surgery	372247	404254		Health Centre		
1758	140455	Dr Shinha (poss at Walkden Gateway	373577	404264		Health Centre		
1759	154185	Irlam Clinic	372367	394774		Health Centre		
1760		Pendleton Gateway (S surgeries)	381154	399091		Health Centre		
1761		SFP(GSt)	374478	400628		PlanningApp		
1762		SFP (GST)	371552	400924		PlanningApp		
1763		SFP Scoping Rpt	374661	399941		PlanningApp		
1764		SPF(Scoping Rpt)	373724	400816		PlanningApp		
1765		SFP (Scoping Rpt)	374494	400559		PlanningApp		
1766		PS	372199	395771		PlanningApp		
1767		PS	372216	395606		PlanningApp		
1768		PS	373641	396179		PlanningApp		
1769		PS	374277	396923		PlanningApp		
1770		PS	373450	397514		PlanningApp		
1771		PS	375043	397460		PlanningApp		
1772		PS	375332	397597		PlanningApp		
1773		PS	375415	397689		PlanningApp		
1774		PS	375246	397740		PlanningApp		
1775		PS	375145	398210		PlanningApp		
1776		PS	375185	397999		PlanningApp		
1777		PS	375366	397795		PlanningApp		
1778		PS	375119	398472		PlanningApp		
1779		Cargill2	378066	398449		PlanningApp		
1780		Cargill1	378264	398317		PlanningApp		
1781		Carr I	372643	393955		PlanningApp	nearest receptor	
1782		Carrington Stack 1	372840	393404		PlanningApp		
1783		Carrington Stack2	372889	393369		PlanningApp		
1784		CArrington Receptor	371799	394764		PlanningApp	Select by Client	
1785		Carr Point B	373899	395964		PlanningApp	By Clinet specified	
1786	3	No3 Table 6.13	372899	393763		PlanningApp	carrington modelling	
1787	2	No 2 Table 6.13	372898	393864		PlanningApp	worst case Annual av	
1788	1	Carr Table 6.13	372998	393964		PlanningApp	worst cse 19th Highe	
1789			378129	398956		unknown		
1790			381298	398035		unknown	M602	
1791			382533	398517		unknown	Residentail Flats	
1792			381251	397822	Broadway	unknown	DFRA No2 Deregation	
1793			381338	397848	Trafford Ro	unknown	Residential	
1794			381327	397777	Trafford Ro	unknown	Residential	
1795			381329	397045	Trafford Ro	unknown	Possible 1 hour exce	
1796			374905	399260		unknown		
1797			375327	401417		unknown		

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
1798			375358	401342		unknown		
1799			375442	401632		unknown		
1800			376145	402849		unknown		
1801			375644	402752	chorley old	unknown	nearest house	
1802			375887	402603	Chorley Old	unknown	nearest Hosue (West)	
1803			374675	399886	Greenacre L	unknown	POST Salford nEARST	
1804			374633	400011	60 Farm lan	unknown	F	
1805			378706	400655	Lancaster R	unknown	Cnr with A580	
1806		Public house	382221	397826	120 Regent	unknown		
1807			382217	397769	52/54Regent	unknown		
1808		A580	381504	399183	22 Broad st	unknown	frederick road / uni	
1809		Miranda Crt	382452	397718	Ordsall Lan	unknown	Regent rd retails pk	
1810			382850	401047	Broughton I	unknown	Nox analyser	
1811			380064	398179		unknown	pm10 dust	
1812			379964	398295	Kintyre Av	unknown	pm10 dust 24hr excee	
1813	SA20/21/22	M60 AQ Monitoring Site	374813	400853	M60 Site, off Avairy Road, Worsley, Salford, M28	AQM	School , motorway	
1814	SA39	Ltp8 Moniotring point	383040	398563	Corner Chapel Street and Trinity way. Salford	LTP Monitoring point	diffusion tube site ,LTP Monitoring point	
1815		T2 Traffic Crossing	381700	385304				
1816		Stand 215	381256	385744				
1817		Stand 69	380907	385330				
1818		B1D	381640	384815				
1819		Stand 42	382069	384887				
1820		24 Met Station	383231	385229				
1821		R2 ILS (Cabin)	382048	383826				
1822		R2 Radar	380421	382413				
1823		06 Undershoot	380769	383070				
1824		24 Middle Marker	383905	385817				
1825		Outwood Lane	382109	385127				
1826		T1 Level 5	381923	385094				
1827		T1 Arrivals	381884	385229				
2001		Bolton AURN	371000	408496				
2002		Bury Roadside AURN	380906	404757				
2003		Glazebury AURN	368758	396028				
2004		Manchester Piccadilly AURN	384310	398337				
2005		Manchester South AURN	383904	385818				
2006		Manchester Town Hall AURN	383845	398029				
2007		Oldham West Endhouse Cal Club	391860	405514				
2008		Salford Eccles AURN Gas inlet	377925	398727				
2009		Salford M60 Cal Club	374809	400855				
2010		Stockport Hazel Grove Cal Club	391481	387637				
2011		Stockport Shaw Heath AURN	389384	389605				
2012		Tameside Two Trees Cal Club	393454	394330				
2013		Trafford Cal Club	378783	394726				
2014		Trafford A56 Cal Club	379413	394014				

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
2015		Wigan Leigh 2 Cal Club	366290	399861				
2016		Wigan Centre AURN	357815	406022				
2017		Salford Eccles AURN PM 10 inlet	377927	398726				
2018		Salford M60 Cal Club Pm 10 inlet	374811	400855				
2019		Rochdale 7	392039	415704	725 Halifax Road, Littleborough			
2020		Manchester 8b	383850	398010	Manchester Town Hall (1) AURN			
2022		Manchester 7a	384310	398290	Manchester Piccadilly			
2023		Manchester 9	384560	398270	Manchester Newton Street			
2024		Manchester 2a	387560	398350	Manchester Ciba Clayton			
2025		Manchester 14	387660	399000	Manchester Clayton Nursery			
2026		Manchester 3a	386780	392670	Manchester Burnage			
2027		Manchester 8a	381570	387530	Manchester St Pauls			
2028		Manchester 5a	384250	382910	Manchester Styal			
2029		Manchester 26	383950	398880	Manchester Chethams School			
2030		Manchester 13 , Manchester M56, Jn 4	381670	387500	Manchester M56, Jn 4			
2031		Manchester 28	387950	397400	Manchester Ashton Old Road			
2032		Manchester 22	384000	401400	Manchester Cheetham Hill Road			
2033		Manchester 23	386250	400000	Manchester Oldham Road			
2034		Manchester 24	384010	398030	Manchester Princess St			
2035		Manchester 29	384100	397550	Manchester Oxford Road			
2036		Stockport	392100	386900	Civic Centre, Hazel Grove			
2037		Stockport	391100	387900	Norwood Rd, Great Moor			
2038		Stockport	392000	391600	Stockport Rd West			
2039		Stockport	385000	388300	Kingsway, Gatley			
2040		Stockport	389800	388900	Bramhall Lane			
2041		Stockport	389300	390400	Debenhams, Princess St			
2042		Stockport	388600	391800	Derby Lane			
2043		Stockport	392000	387100	Marshalls Yard			
2044		Stockport	388500	390100	Yew St Brinksway			
2045		Stockport	389200	391900	Whitehill Fire Station			
2046		Stockport	388600	389400	Carmichael St Edgeley			
2047		Stockport	390085	388547	Russell St			
2048		Stockport	384900	385800	Heald Green Health Centre			
2049		Stockport	396400	390700	Compstall Library			
2050		Stockport	385900	388600	Cheadle Library			
2051		Stockport	392700	385700	Alderley Close			
2052		Stockport	392700	387300	Deneside Close			
2053		Stockport	384700	386400	Prospect Vale			
2054		Stockport	387600	385900	Upton Avenue			
2055		Stockport	389600	387300	Midland Rd			
2056		Stockport	387105	391382	Pinewood Close			
2057		Stockport	396880	382680	Lyme Park, Disley			
2058		SA/1	372766	394105	Irlam Locks			
2059		SA/2	372203	394205	Irlam (Police/Princess GDs)			

Receptor Points								
No.	ID	Name	Easting	Northing	Address	Type	Comments	
2060		SA/4	377452	401829	Crompton Street, Swinton			
2061		SA/9	374733	400935	St Marks School, Worsley			
2062		SA/13	379613	399783	Buckland Rd,Pendl'n			
2063		SA/14	382851	400987	Broughton Kerb, Broughton			
2064		SA/16	371154	404456	Wharton School,Little Hulton			
2065		SA/17	380775	400837	Langley Road			
2066		SA/25	381297	398032	Wynth Gds			
2067		SA/26	380718	399598	A580			
2068		SA/27	383075	398738	Trinity Way			
2069		SA/28	377289	401009	Harroby Close			
2070		SA31	374024	401905	Walkden Road			
2071		SA32	374712	399828	Edenfield Drive			
2072		SA33	372597	400728	Arnfield Drive, Boothstown			
2073		SA34	375366	397798	673 Liverpool Road			
2074		SA35	376043	399295	50 Trevor Road			
2075		SA36	380400	398442	2 Pembroke Ave			
2076		SA37	380800	399632	61 Maurice Drive			
2077		SA38	377781	403097	Clifton Primary School			
2078		Hindley Crossroads, Hindley	361635	404224	HindleyHindley Town Centre Market Street			
2079		Nr. St Peters Church, Atherton Road	364043	402991	Leigh Road, Hindley Green , Leigh Road/ Thomas Street junction, Hindley Green			
2080		Wigan Road, Atherton	366873	403274	Wigan Road, Nr. Collier Brook Bridge, Atherton			
2081		Bolton Road, Atherton	368161	403600	The Blue Bell Public House, Bolton Road Atherton			
2082		Pitt Street, Wigan	357966	405430	Pitt Street, Wigan			
2083		Milton Grove, Wigan	358384	407366	Milton Grove Wigan			
2084		Great George Street 1, Wigan	357995	405424	Great George Steet Wigan			
2085		Great George Street 2, Wigan	357845	405505	Great George Steet Wigan			
2086		Riverway, Wigan	358488	405485	Riverway, Nr Douglas House, Wigan			
2087		Whalley 1, Wigan	359494	406743	Whalley, Alexander PH, Wigan			
2088		Tesco, Wigan	358584	405986	Central Park Way,Tesco Wigan			
2089		Hindley Nursery, Hindley	361636	404237	First Avenue, Hindley			
2090		Satinwood Close 1, Ashton	356919	399064	Satinwood Close Ashton			
2091		Old Hall Drive 1, Ashton	357179	398985	Old Hall Drive, Nr 104 Liverpool Rad, Ashton			
2092		Liverpool Road , Ashton (M6)	356853	399075	Liverpool Road M6 J25			
2093		Chapel Street, Leigh	366162	399982	Network site - Lamppost @ junction of Network site - Chapel Street & Lord Street South			



Appendix 5 Receptor Point Results

Table A5.1 Receptor Point Results

Some receptor points may appear more than once if they are positioned exactly on the boundary of two modelling areas. Due to the way the model calculates the concentrations across the modelling area the same receptor may have slightly differing values.

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1	50.0782	194.703	16	22.0251	33.2758	8	160.266
3	44.5213	170.234	5	22.564	33.9908	9	117.895
4	30.4686	132.412	0	18.8404	27.3055	3	59.9977
5	27.6759	140.028	1	17.8404	26.2505	3	52.9016
6	27.6928	140.118	1	17.9045	26.1317	3	53.2189
7	33.0993	140.186	1	19.0622	27.9135	4	65.9504
8	33.9786	137.542	1	19.2438	27.9795	3	71.0755
9	31.7655	140.967	1	19.2719	28.0183	4	65.5352
10	33.6629	137.24	1	19.4212	27.9057	4	67.9023
11	29.9255	138.172	1	18.5102	26.884	3	57.4996
12	34.8669	146.139	2	20.0348	29.7427	4	72.2008
13	33.8237	146.792	1	19.6374	29.1341	4	68.5584
14	32.5731	135.892	1	19.483	27.9016	3	64.774
15	31.9071	145.253	1	19.7439	29.5485	3	63.3797
16	31.9779	137.855	1	18.9272	27.6864	4	62.6554
17	33.661	134.533	0	20.6245	30.5318	4	67.2964
18	29.8748	139.339	1	19.0877	27.2306	4	57.3664
19	41.3892	149.412	2	20.4955	30.3746	4	104.197
20	41.3955	154.585	2	20.4714	29.7749	4	103.329
21	33.5526	139.912	1	19.1682	27.6203	4	71.5784
23	31.776	145.547	1	19.624	29.5591	4	63.579
24	32.8046	148.371	2	19.9547	30.3204	4	65.6617
25	38.7662	144.659	1	20.4052	29.8603	4	87.6415
26	33.4115	151.421	2	19.6365	29.1203	4	71.2098
27	37.2678	140.769	0	19.8296	28.9131	4	81.0078
28	35.9389	138.672	0	19.8394	28.8568	4	75.9026
29	37.1604	159.101	3	20.7722	31.2466	4	82.8236
30	28.9932	135.294	1	17.1458	25.1275	3	61.0132
31	29.4596	136.61	1	18.2179	27.2474	4	57.79
32	31.4418	139.097	1	19.2031	28.1528	3	60.8855
33	30.7165	140.384	1	19.2126	28.2741	4	57.9713
34	33.3588	146.585	1	20.6656	31.2637	6	66.3018
35	37.2381	152.081	2	21.3953	32.1709	4	80.3902
36	32.1906	143.186	1	20.0827	30.2655	4	62.8742
37	33.7795	146.376	1	20.9961	32.1739	7	67.2047

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
38	29.2237	130.56	0	18.6543	26.7776	3	56.0161
39	29.0754	131.691	0	18.4774	26.3159	3	55.6524
40	29.9251	128.746	0	18.4186	26.2225	3	56.7257
41	30.097	133.897	1	18.3519	26.7323	4	57.2924
42	27.8583	138.533	1	17.9275	26.2247	3	53.1162
43	29.0566	135.277	1	17.7904	26.216	3	55.9663
44	35.5826	143.016	1	19.6105	28.9	4	74.5823
45	31.3929	140.834	1	18.9909	27.9998	4	62.3179
46	32.9348	134.94	0	19.7559	28.6644	3	67.228
47	32.9496	131.877	0	19.1871	27.1828	4	64.4944
48	28.8162	130.131	0	18.4539	26.5446	3	54.5038
49	31.8842	144.012	1	19.0998	27.7847	4	63.0156
51	32.2021	136.449	1	19.0988	27.6319	4	63.4981
52	31.626	140.21	1	18.7791	27.6056	4	62.9595
53	30.1885	131.831	0	18.6035	26.7783	3	57.7228
54	30.4719	131.44	0	19.0285	27.2949	3	59.4407
55	30.4226	133.934	1	18.6727	27.5451	3	59.9423
56	31.7201	142.222	1	19.4313	28.3972	4	62.3222
57	28.9148	131.225	1	18.2529	26.7774	3	54.7677
58	28.7943	136.852	1	18.3111	26.5651	4	55.2918
59	30.3939	131.087	0	18.7106	26.7711	3	58.886
60	28.4529	134.668	1	18.0189	27.0132	3	53.6983
61	30.9017	133.017	0	18.9444	26.94	3	60.1914
62	34.7794	136.051	0	20.4841	29.1872	3	72.4715
64	30.3466	134.004	0	18.7772	26.9322	4	58.8803
65	30.3602	134.009	0	18.7838	26.9437	4	58.9261
66	29.9854	137.717	1	18.5826	27.2767	3	57.5812
67	35.676	141.821	1	19.3673	28.5385	4	75.2119
68	29.3625	132.16	0	18.5081	26.6432	4	56.2267
69	30.7912	134.633	0	18.9433	27.3832	3	60.2862
70	30.7489	133.582	0	18.8897	27.284	4	60.8411
71	29.8265	130.97	0	18.7198	26.7009	4	57.0328
72	29.0057	138.877	1	18.4251	26.5668	4	55.5602
74	29.23	138.799	1	18.5262	27.4039	4	54.8506
75	29.7267	131.032	0	18.2949	26.2409	4	56.5757
76	31.493	131.148	0	19.2799	27.3157	4	60.9225
77	29.7753	140.527	1	18.5954	27.2637	4	57.3023
78	31.0907	142.304	1	19.1249	28.2059	3	61.0206
79	27.129	134.791	1	17.6529	26.5792	3	50.4713
80	29.4207	129.809	0	18.4662	26.6881	3	56.571
81	31.8666	136.632	1	18.9273	27.443	4	62.0372
82	28.3004	141.544	1	18.2418	27.2324	4	53.5497
83	30.7042	129.591	0	19.0336	27.0524	3	59.0315
84	28.3601	142.228	1	18.1015	26.7262	3	54.4481

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
86	27.2731	143.234	1	17.8792	25.9475	3	51.7019
87	30.0858	128.299	0	18.5064	26.5156	3	57.6856
88	30.7997	135.768	1	18.5035	27.2736	4	60.1249
89	28.4484	141.94	1	18.289	27.1542	4	53.8255
90	36.6904	160.016	3	23.4566	37.0413	12	78.5527
91	30.2525	132.576	0	18.8336	27.0242	4	58.4067
92	28.3199	135.006	1	17.7862	26.4099	3	53.7251
93	29.7116	134.251	1	18.4077	27.0542	3	57.2427
94	32.919	136.594	0	20.171	29.8167	4	65.8004
95	31.7995	136.882	1	18.7428	27.5215	4	61.5849
96	29.3503	130.14	0	18.6996	26.8831	4	56.0088
97	30.0655	129.77	0	18.5549	26.6496	3	57.2196
98	29.8774	131.921	0	18.5812	26.6938	3	57.0926
99	31.0992	133.752	0	18.8473	27.1392	4	61.1497
100	27.3773	133.481	1	17.6766	26.3443	3	51.0853
101	31.3808	130.816	0	18.6987	26.5968	3	61.6555
102	28.8327	131.471	0	18.402	26.1124	3	54.4485
103	28.1561	134.708	1	17.9631	26.8941	3	53.0828
104	31.9432	141.831	1	18.9122	27.65	4	62.8197
105	29.295	139.077	1	18.4035	27.1229	3	55.9373
106	31.6333	138.114	1	18.9285	27.808	4	61.671
107	30.1523	136.949	1	18.6262	27.4649	3	57.5367
108	32.2667	136.112	1	18.9437	27.5088	3	63.1861
109	31.2797	135.309	0	19.418	28.4656	4	60.1078
110	30.1221	139.974	1	18.7246	27.4478	4	58.0146
111	31.0293	140.821	1	18.7711	27.4996	4	60.3742
112	30.0438	132.789	0	18.8887	27.0042	4	58.0686
113	33.5097	134.668	0	20.481	30.2404	4	66.81
114	31.1787	134.313	1	18.8002	27.6551	3	62.1276
115	29.4156	137.981	1	18.5317	26.8748	4	56.7229
116	37.4226	147.488	2	20.6914	30.4211	4	80.0206
117	32.8511	138.665	0	20.218	29.993	4	66.754
118	29.1684	127.126	0	18.3021	26.211	3	55.1464
119	28.7756	138.538	1	18.4384	26.9565	4	53.9764
120	33.9484	144.262	1	19.3693	28.4298	4	69.3947
121	34.0732	134.407	1	19.1262	27.9621	3	74.3248
122	31.5619	129.946	0	18.6653	26.4525	3	65.1109
123	29.3029	130.716	0	18.6164	26.7863	4	55.711
124	32.5038	139.684	1	18.9698	27.6252	4	64.5723
125	30.4616	137.819	1	18.7857	27.6252	4	58.5733
126	28.8294	135.126	1	17.7862	26.3076	3	55.2655
127	28.1848	135.155	1	17.8047	26.436	3	53.2728
128	34.4877	136.572	0	19.5723	28.3169	4	69.347
129	30.778	132.015	0	18.8213	27.4324	3	59.4621

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
130	34.5581	135.769	0	21.4694	32.4348	4	70.9187
131	30.5528	129.581	0	18.8269	27.0217	3	59.0232
132	34.4685	135.405	1	19.4477	27.6858	4	71.277
133	29.0879	131.766	0	18.2432	26.0399	4	54.816
134	28.0684	142.019	1	17.9813	26.5042	3	53.4336
135	28.298	138.205	1	18.1792	26.7278	3	53.246
136	29.4377	133.622	1	18.3395	27.1353	3	56.2071
137	29.3456	137.487	1	18.4869	27.5546	3	55.37
138	31.0152	133.065	1	18.8906	27.6026	3	60.6974
139	34.3382	137.785	1	20.3679	29.9862	3	70.9127
140	30.1791	133.149	0	19.0446	27.7139	3	58.0178
141	30.1314	130.009	0	18.5817	26.8782	3	57.7412
142	29.1601	133.989	1	18.4953	27.0004	4	54.7672
143	28.3982	138.457	1	18.1566	26.9607	3	53.7468
144	27.8452	141.931	1	18.0629	26.9145	4	52.8432
145	30.6276	138.251	1	18.7326	27.2861	4	60.2132
146	30.279	131.198	1	18.4071	27.1163	3	58.21
147	28.7197	131.218	0	18.3536	25.9602	3	54.0653
148	33.7524	137.972	0	19.9218	29.8407	4	68.5755
149	33.6032	143.363	1	19.076	27.7487	4	69.3395
150	29.2463	141.088	1	18.4615	27.3529	3	55.9599
151	30.1672	140.316	1	18.7278	27.1572	4	58.3836
152	29.5348	129.419	0	18.4317	26.6184	3	56.207
153	31.335	136.803	1	18.8232	27.3423	3	61.3604
154	29.8859	128.299	0	18.4068	26.1768	3	56.7287
155	28.6947	129.384	0	18.3942	26.5242	3	54.2808
156	30.0856	130.112	0	18.7058	26.9834	3	57.8127
157	27.9928	136.064	1	18.0809	27.2007	3	52.6709
158	29.167	131.274	0	18.5485	26.5483	4	55.0589
159	31.0136	132.433	1	18.5521	27.1471	3	60.1029
160	30.0866	137.666	1	18.5442	27.2825	4	57.7371
161	28.3412	141.905	1	18.1464	26.6953	4	53.7338
162	31.7004	134.121	0	19.4439	28.0698	3	63.2531
163	29.8224	127.095	0	18.6204	26.7218	3	57.0654
164	33.1235	142.052	0	20.232	30.5574	4	66.7738
165	29.9738	141.945	1	18.8512	27.9779	4	57.6593
166	29.7605	129.944	0	18.4889	26.2353	4	56.0555
167	30.1694	130.78	0	18.6313	26.8964	3	57.656
168	29.0194	133.631	1	18.1575	26.7918	3	55.1598
169	32.03	137.23	1	19.0712	27.6812	4	63.1016
170	34.07	144.364	1	20.2067	29.8168	4	73.2876
171	29.5862	137.887	1	18.466	27.2094	3	56.5165
172	28.7636	130.926	0	18.336	25.9551	3	54.3512
173	29.6071	139.077	1	18.6094	27.6494	3	55.9989

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
174	30.0578	129.978	1	18.3763	27.1042	3	57.8189
175	30.9672	136.461	1	18.5791	27.3375	3	59.6277
176	29.285	134.145	1	18.4098	27.0702	4	56.968
177	29.096	139.682	1	18.5612	27.0993	4	54.7789
178	30.6069	141.99	1	19.3714	27.7956	4	60.6404
179	27.8137	137.901	1	17.9257	26.0875	3	53.0624
180	34.6197	146.568	1	19.5389	28.4326	4	83.1853
182	29.8488	135.134	1	18.4074	27.2062	3	57.6035
183	31.2691	143.365	1	18.9479	27.3015	4	62.7436
186	28.7476	130.463	0	18.2822	26.0118	3	54.3246
187	36.1412	136.543	0	20.9227	30.6395	4	76.5912
188	29.9016	135.135	1	18.4282	27.2183	3	57.7822
189	28.7897	131.234	0	18.3761	26.0529	3	54.2484
190	28.9458	129.168	0	18.5278	26.6219	4	54.4847
191	29.3421	130.693	0	18.7113	26.7728	4	56.217
192	29.5115	138.838	1	18.5937	26.8938	4	56.8756
193	30.0234	137.115	1	18.8717	27.1909	3	57.6188
194	29.1884	129.718	1	18.2121	26.1959	3	55.0577
195	30.2246	132.382	0	18.7726	27.0332	3	58.1737
197	28.1956	137.827	1	18.0826	26.1908	4	54.258
198	28.7458	130.464	0	18.282	26.0107	3	54.3195
199	29.0025	128.351	0	18.2475	26.3548	3	54.3604
200	29.9883	139.483	1	18.6288	27.1199	4	57.8445
201	31.8612	146.708	1	19.2503	27.9859	4	62.2305
202	30.5545	136.141	1	18.6563	27.6819	4	60.0321
203	29.771	129.76	0	18.6279	26.6158	3	57.0352
204	29.3998	134.951	1	18.3471	27.1393	3	55.893
205	34.1252	141.553	1	19.204	27.9488	4	69.9927
206	30.5528	130.167	0	18.8515	26.9291	3	58.9633
207	31.2486	135.567	1	18.6364	27.5214	4	63.6422
210	39.7779	150.698	2	22.3244	33.1606	6	91.2247
214	32.8728	137.601	0	20.249	29.4711	4	64.9033
215	43.0095	151.761	2	22.7806	33.9631	7	98.6156
216	42.6496	160.177	2	21.5355	31.8191	4	106.819
217	47.6687	203.231	21	24.7383	38.7203	12	122.677
218	34.1272	143.182	1	21.2463	31.2637	3	70.2741
219	38.3978	155.848	2	21.1262	31.7529	4	84.3168
220	40.3828	155.395	2	20.703	30.6207	4	91.4234
221	33.9111	149.392	1	21.0104	31.4329	8	68.7558
224	40.8181	168.974	5	22.5859	33.9277	6	96.2555
226	31.105	134.03	1	18.7735	27.1725	4	61.1772
228	37.3385	150.236	2	23.7288	35.2577	6	80.3843
230	36.7319	150.661	1	22.5617	33.7441	8	82.7509
231	37.0628	137.289	1	19.9833	28.7689	4	88.0379

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
232	28.9333	137.595	1	18.326	26.5249	4	55.7429
233	41.9007	159.225	3	22.575	32.7512	4	105.562
234	24.305	131.937	1	16.8824	25.4719	3	44.6857
236	34.4649	136.56	1	19.3464	28.5115	3	76.2173
237	34.1099	156.394	3	21.243	33.0787	8	68.8408
238	37.5902	170.221	3	23.205	37.0729	11	79.0298
239	33.5044	140.963	1	20.3048	29.475	3	66.3672
240	38.0908	149.061	3	22.7229	33.6848	7	79.7851
247	28.9519	133.884	0	19.3271	27.8387	4	59.7246
248	30.421	132.703	0	19.6863	28.288	3	60.8585
249	31.8871	144.583	0	20.7522	30.5856	4	70.5793
250	25.3553	124.462	0	17.9356	25.8438	3	48.1116
251	27.7665	132.118	0	18.955	27.6374	4	56.3276
252	34.4785	151.346	2	19.9619	28.6684	4	73.6769
253	37.798	152.12	1	21.5275	31.2773	4	87.9853
254	30.8266	133.864	0	20.0318	28.9152	4	60.2475
255	35.8345	140.751	0	22.0059	32.3757	6	80.2979
256	30.3813	131.05	0	19.7827	28.7127	4	60.3403
257	27.706	126.751	0	18.2757	26.1068	3	51.8446
258	30.6502	137.023	0	19.5424	28.5802	4	61.6501
259	30.0588	132.553	0	18.751	26.8392	3	59.7464
260	29.5284	130.543	0	18.7399	26.6121	3	55.528
261	33.2097	134.915	0	20.3028	29.3327	4	65.3187
262	29.0114	126.684	0	18.6242	26.5517	3	54.9536
263	28.4164	128.969	0	18.8651	27.3228	4	55.1692
264	32.6251	141.441	1	20.687	31.0455	6	68.271
265	41.32	178.974	3	23.3034	35.6574	10	95.448
266	31.4412	133.914	0	19.986	29.2677	4	64.7918
267	30.339	129.967	0	19.103	27.1489	3	57.5369
268	33.2263	138.836	0	21.3141	30.608	6	67.7896
269	29.8148	130.93	0	18.4879	26.5641	4	64.303
270	30.9241	142.215	0	20.1975	28.9644	4	66.5334
271	25.7644	124.362	0	17.7701	25.5897	3	49.0309
272	27.7464	126.762	0	18.1393	26.3839	3	52.8967
273	45.9894	187.797	8	23.6903	34.476	8	113.382
274	31.9895	131.708	0	20.2109	29.0755	3	65.2396
275	50.9769	217.84	62	32.3462	49.4698	36	123.13
277	35.5203	151.552	1	22.096	33.5803	9	77.4546
278	30.13	130.369	0	19.6103	28.2433	4	58.5707
279	26.6395	125.127	0	17.9142	25.7828	3	49.1841
280	32.8415	139.002	0	20.482	29.6565	4	69.5516
281	36.9333	149.64	1	23.5795	35.0266	11	78.249
282	31.2261	133.241	0	20.0544	28.9714	3	60.1054
283	35.7392	137.175	0	21.3879	31.2874	6	72.0064

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
284	35.0629	148.287	1	21.7208	32.4708	6	75.5772
285	23.342	122.152	0	16.9895	23.9102	3	42.8155
286	29.1384	129.446	0	19.1683	27.5794	4	56.6352
287	32.4947	138.64	1	19.8804	28.7244	3	66.2533
288	30.7242	135	0	20.1727	28.9501	3	60.8225
289	26.5544	124.024	0	17.9333	25.6396	3	49.1345
290	27.5634	125.132	0	18.4246	26.3632	4	51.8138
291	26.8068	124.199	0	17.9034	25.5077	3	49.5921
292	28.5857	126.453	0	18.794	26.7849	4	53.6936
293	31.2216	135.646	0	19.7471	28.5565	3	61.3486
294	30.9428	132.314	0	19.1695	27.3904	4	64.0999
295	38.3733	166.797	2	21.4534	32.2917	8	84.7032
296	29.3002	128.513	0	18.7277	26.6593	3	57.1196
297	33.6605	146.016	1	21.7863	32.877	8	71.9208
298	29.6821	131.223	0	19.4433	28.0242	3	58.1799
299	26.707	124.592	0	17.8849	25.7169	3	50.3069
300	31.25	131.361	0	19.7827	29.3703	4	63.4096
301	32.681	139.579	0	19.6871	28.6138	4	69.8505
302	30.5483	133.179	0	19.3791	28.8592	4	61.4942
303	29.1893	131.037	0	18.8433	27.3716	4	57.0059
304	29.1463	130.773	0	18.6728	26.7799	3	56.01
305	28.6068	129.627	0	18.4279	26.9076	3	54.2332
306	28.7574	127.635	0	18.9274	27.2112	3	54.9526
307	29.2689	128.614	0	19.1572	27.6383	4	55.7638
308	28.3381	129.124	0	18.6721	26.8746	3	53.5466
309	28.6719	126.542	0	18.8322	26.9114	4	53.874
311	29.3525	129.469	0	18.7008	27.1813	4	56.7886
312	29.3447	125.03	0	19.0061	26.8901	3	56.6942
313	34.1313	146.722	1	20.873	31.419	6	72.8626
314	28.123	126.143	0	18.43	26.2568	3	54.2328
315	24.6018	124.11	0	17.3939	25.1329	3	46.058
316	29.9954	130.162	0	19.3928	27.6151	3	58.8909
317	31.2966	131.824	0	19.4908	28.5599	4	66.9904
318	29.7656	134.915	0	19.6955	28.4091	4	58.7667
319	27.7971	129.506	0	19.2285	27.8228	4	54.3535
320	28.7329	135.839	0	19.6742	28.2482	3	59.664
321	25.0279	122.935	0	17.5804	25.4697	3	46.6526
322	24.6606	123.813	0	17.4436	25.4406	3	45.5762
323	26.2213	126.435	0	18.3619	26.4476	4	50.7323
324	24.2344	122.937	0	17.2293	25.1438	3	44.2475
325	25.814	125.834	0	18.0157	26.1604	4	50.0928
326	31.2349	144.556	0	21.3182	30.7564	6	66.8938
327	25.2231	122.933	0	17.6787	25.6829	3	47.0757
328	27.7119	131.342	0	19.1192	27.6044	3	55.0218

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
329	31.5509	144.512	0	21.4485	30.9597	6	68.0391
330	27.1076	130.331	0	18.6727	26.8406	4	53.3618
331	27.8609	128.286	0	18.5763	26.6707	3	55.1915
332	28.2668	132.193	0	18.9637	27.8787	3	56.608
333	27.7671	124.675	0	18.8964	26.9205	3	55.079
334	24.2352	121.546	0	17.203	25.1006	3	44.4396
335	24.5794	122.917	0	17.4087	25.1776	3	45.7648
336	24.3645	122.222	0	17.2607	25.096	3	44.9559
337	25.6615	126.486	0	18.0626	26.5146	4	48.1526
338	26.6337	130.613	0	18.3403	26.5591	4	51.1634
339	24.5017	123.026	0	17.4707	25.3586	3	44.9065
340	25.5631	123.743	0	18.1644	26.1831	3	47.9791
341	25.8565	126.308	0	18.2209	26.1943	4	49.5103
342	24.642	124.598	0	17.5867	25.4318	3	45.3623
343	24.7513	123.18	0	17.7177	25.3379	3	45.5392
344	27.0899	125.288	0	18.3417	26.3242	4	51.6514
345	29.9677	131.985	0	19.578	27.9052	4	59.4464
346	32.2357	138.047	0	20.5498	30.4246	4	67.1828
347	28.2065	126.025	0	18.5409	26.4107	3	53.8598
348	28.7127	130.53	0	18.9674	27.6275	3	55.4834
349	27.2924	125.238	0	18.1454	26.0738	3	51.1267
350	32.2294	136.704	0	20.9222	31.2208	4	66.0293
351	28.3677	124.846	0	18.6157	26.6643	3	53.8399
352	32.2334	134.389	0	20.3938	29.148	3	65.7155
353	28.6676	129.427	0	18.5061	26.6591	4	54.3983
354	28.4036	125.251	0	18.3599	26.1193	3	53.3252
355	28.3969	125.616	0	18.3736	26.0476	3	53.4063
357	27.4041	124.604	0	18.0859	25.8068	3	51.1385
358	31.5038	136.138	0	19.7431	27.7141	4	63.4292
359	25.6835	123.62	0	17.5626	25.3948	3	47.0884
360	26.6268	124.751	0	18.0004	25.638	3	50.7386
361	26.4701	125.119	0	17.9638	25.8369	3	49.9887
362	27.4875	127.526	0	18.456	26.5065	4	53.7325
363	29.1415	131.974	0	19.1275	27.9887	3	57.1468
364	29.3644	129.776	0	18.9883	26.8547	3	60.9607
365	28.6005	129.118	0	18.8209	26.898	4	57.2297
366	29.197	131.766	0	19.059	27.2183	3	58.2203
368	29.061	129.76	0	18.7735	26.3899	3	57.0063
369	29.459	131.615	0	18.9214	27.1279	3	58.8528
370	28.6549	128.349	0	18.7042	26.2512	3	55.8127
371	25.946	122.89	0	17.6309	25.2622	3	48.0398
372	27.0505	125.889	0	18.2322	25.8691	3	51.871
373	29.4379	131.115	0	19.1446	27.2242	3	59.3992
374	27.3093	124.363	0	18.4828	26.1392	3	51.7622

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
375	30.2103	136.744	0	19.5113	27.8122	4	60.8045
376	35.0963	157.096	3	21.591	32.1929	8	77.372
377	29.0879	131.729	0	18.92	26.9332	3	56.1683
378	28.7746	127.799	0	18.6147	26.4974	4	55.2348
379	28.3201	126.668	0	18.5675	26.3512	4	53.9119
380	30.2464	128.048	0	19.5186	27.7434	4	58.4571
381	33.0935	149.274	0	20.2133	29.8942	4	67.3428
382	33.8861	140.999	0	20.4828	29.577	4	70.8905
383	33.8078	136.111	0	20.587	29.7807	4	71.2463
384	31.3619	134.1	0	19.438	28.0471	4	62.5077
385	28.477	128.241	0	18.4718	26.4194	3	53.6757
386	31.5808	136.405	0	19.7125	28.1014	4	63.3901
387	30.3568	134.781	0	19.7038	28.185	4	59.3564
388	33.888	138.553	0	20.6915	29.676	4	71.6058
389	30.9774	133.66	0	19.4398	27.7233	4	60.6202
390	34.447	152.055	3	20.3937	30.1676	4	72.1179
391	31.0972	135.022	0	19.3328	27.9005	4	60.9067
392	30.7578	130.209	0	18.8927	26.7718	4	60.7135
394	29.216	127.447	0	18.7083	26.4901	4	56.564
395	33.776	139.47	2	19.9766	28.6298	3	70.5168
396	39.32	164.996	2	21.3758	31.2546	7	89.346
397	29.5763	126.123	0	18.8379	26.6365	3	56.3183
398	36.1418	141.157	0	20.9796	30.3257	3	72.4703
399	38.4302	160.94	5	21.8061	32.6048	6	83.09
400	29.3193	127.607	0	18.5549	26.7587	3	55.5001
401	44.2627	181.136	3	22.1084	33.3131	8	108.155
402	32.2545	132.519	0	19.1274	26.9535	4	64.8393
403	35.5895	146.778	2	20.0681	29.4503	3	75.6378
404	29.4791	128.22	0	18.5462	26.3185	3	56.0263
405	29.7339	128.517	0	18.6401	26.4468	3	56.6818
406	30.1662	132.282	0	18.903	26.8995	4	57.0563
407	30.4893	134.837	0	19.0589	27.3261	4	57.9219
408	35.9532	153.465	3	21.239	31.7067	6	73.6073
409	45.3347	189.157	9	25.9892	40.6016	16	105.938
410	36.2975	141.047	0	21.0577	30.3191	4	74.6341
411	30.2721	132.508	0	18.9915	27.1139	4	58.5411
412	35.6954	144.108	2	20.9348	30.7698	3	75.2881
413	28.508	126.095	0	18.3028	25.9452	3	53.7884
414	31.8216	133.401	0	20.0452	29.2518	3	64.8147
415	34.0488	147.84	2	20.0037	29.0548	4	72.3951
416	28.4941	126.485	0	18.4748	26.4044	3	54.0636
417	32.6323	137.927	1	20.6283	30.6916	3	67.6459
418	29.5907	127.097	0	18.8233	26.6617	3	56.5895
419	33.6796	146.548	2	20.6949	31.2655	4	66.2967

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
420	48.2023	197.692	17	24.4571	37.3874	11	124.194
421	31.1307	129.087	0	19.2913	27.1832	3	60.6146
422	29.4327	133.067	0	19.0109	27.0902	4	58.6885
425	30.1733	129.296	0	18.7845	26.72	4	58.0686
426	29.2061	125.977	0	18.3928	26.2567	3	56.161
427	33.0688	136.552	0	20.0181	28.8767	4	70.0874
428	33.723	137.776	0	21.013	31.0708	4	71.35
429	30.2002	133.636	0	19.4658	27.3197	3	65.5172
430	30.7993	128.589	0	19.4938	27.6882	3	59.8334
431	32.5179	138.489	0	20.1391	28.8721	4	66.0603
432	28.9848	136.018	0	19.8519	29.3441	4	59.4661
433	29.1376	135.055	0	19.9841	28.7522	3	59.7745
434	28.2135	138.76	0	19.0523	26.7301	3	54.634
435	26.5086	140.933	0	18.1294	25.9446	4	50.0783
436	29.6227	142.578	0	19.537	27.42	4	57.7247
437	27.4086	153.929	1	18.6568	27.806	4	53.6531
438	30.1743	160.014	2	20.285	30.1329	7	60.8729
439	27.9589	140.47	1	18.7792	26.7613	3	53.7585
440	31.3546	143.272	1	20.4618	28.569	3	61.9049
441	31.9815	177.469	5	21.1703	31.6847	10	65.3985
442	28.9215	162.479	2	19.1258	28.222	6	60.7106
443	31.8555	159.385	2	19.7202	28.4464	4	69.1471
444	28.9098	161.284	2	19.1335	27.8458	4	61.2929
445	27.8178	142.022	1	18.6874	26.7496	4	55.2397
446	29.4748	144.891	1	19.4344	27.2974	4	60.4883
447	30.2052	166.229	2	19.7849	29.0113	7	66.5431
448	26.5114	143.664	1	18.2669	26.6689	4	50.2682
449	35.148	174.711	6	22.3597	33.2493	11	75.3706
450	33.5166	181.412	6	21.7415	32.5215	10	69.1702
451	33.1434	152.919	1	20.9778	29.9329	6	67.6589
452	36.7374	169.706	2	22.0971	32.6735	8	90.8291
453	31.6002	168.854	3	20.0372	29.5202	6	70.329
454	33.6088	164.628	2	20.787	30.2612	7	76.8417
455	31.9125	167.229	4	20.084	29.5765	6	70.5282
456	30.3911	166.225	2	19.5051	29.0163	4	65.2941
457	33.6759	161.819	2	20.9064	29.8947	6	78.0674
458	29.4321	155.468	1	19.2205	28.1943	4	60.934
459	30.5075	155.819	1	19.4386	28.306	4	64.2362
462	37.6672	161.953	2	21.461	30.5014	4	85.0105
465	36.3586	167.375	2	19.9412	28.2753	4	93.4479
468	32.2586	156.554	1	20.0142	29.4373	4	68.5235
472	29.1249	142.967	1	19.5291	28.1323	4	58.3227
473	27.1244	153.355	1	19.0176	27.7283	4	54.3039
474	30.6261	146.708	1	19.2629	26.8707	4	64.2816

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
475	27.2129	144.013	1	18.1029	25.8257	4	54.1031
476	35.9649	152.994	2	23.3625	34.6846	6	75.1003
477	33.8086	147.583	2	22.0708	31.9537	6	68.7436
478	31.9689	175.557	4	21.5489	34.1143	10	65.8015
479	30.1831	143.923	1	20.1325	29.5845	4	59.2116
480	33.2591	148.562	2	21.69	31.1371	4	67.4826
481	32.7508	148.238	1	21.4801	30.8096	4	66.0508
482	30.6063	145.177	1	20.3062	28.7095	3	60.1754
483	31.005	145.434	1	20.5734	29.2444	3	61.4587
484	29.5207	143.893	1	19.7544	28.1208	3	57.4426
485	28.5101	143.6	1	18.7754	27.3668	3	58.6262
487	28.3954	145.307	1	18.6131	27.3041	4	57.7533
488	35.0002	169.092	3	21.2129	30.765	8	80.2511
489	29.5063	156.177	1	19.3864	27.7926	4	61.9814
491	30.8107	165.445	2	19.9603	30.5935	7	64.569
494	31.6042	150.795	2	19.9855	28.6673	3	69.8145
495	28.6499	154.46	2	19.5498	29.0115	6	57.3624
496	34.2738	152.511	2	21.9762	31.8232	4	75.0232
499	30.7972	143.776	1	20.156	27.8884	4	63.9705
502	29.638	157.421	2	19.5888	28.5894	6	60.7207
503	31.9702	152.374	1	20.2924	29.4953	4	65.4081
504	28.4057	147.133	1	18.4965	27.5376	4	54.7714
505	30.9707	158.911	1	19.4564	28.8023	4	63.163
506	30.978	160.761	1	20.2178	30.8069	4	63.3947
507	29.7199	150.556	1	19.4773	27.7409	4	59.7758
508	28.5842	151.67	1	19.2469	27.8938	4	56.7799
509	28.9233	158.491	1	19.1698	29.2244	4	59.3229
510	29.9518	149.069	1	19.7455	28.1164	4	60.5488
511	26.031	149.768	1	18.0409	27.468	4	49.8073
512	31.4461	159.998	2	19.8497	28.3117	4	66.8169
513	43.4639	182.775	4	23.2332	34.068	7	100.946
514	27.4211	145.967	1	18.8235	27.2995	4	53.6926
517	28.7973	150.843	1	19.4539	28.0191	4	60.0172
518	29.2157	149.16	1	18.6669	26.8129	4	59.6497
519	28.4283	149.053	1	19.309	27.743	4	59.4937
520	28.4031	153.026	1	19.2749	27.6517	4	59.115
521	30.643	153.874	1	20.1191	29.0763	3	67.944
524	30.2645	142.597	1	19.1035	27.3371	4	61.134
525	44.2402	190.034	11	23.0151	34.409	9	107.826
526	37.2472	162.899	1	22.0574	32.1022	6	83.7378
528	35.8219	166.985	2	21.347	31.9111	6	79.4987
529	30.3163	156.446	1	19.6852	29.2092	4	62.0073
535	35.2492	184.333	6	21.3791	32.0375	10	79.6439
536	32.642	159.745	2	19.5627	28.0971	4	67.7194

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
539	25.9092	137.977	1	17.7476	26.4603	3	49.0425
540	35.1571	164.006	4	22.8938	33.7603	8	77.6024
541	29.0947	153.723	1	19.1238	28.6899	4	58.57
542	31.7439	157.098	1	19.9878	28.998	4	65.8957
546	37.5067	159.063	3	21.6307	31.7789	6	88.3176
547	29.067	147.898	1	19.1046	27.8033	4	58.2052
550	30.6479	159.874	2	20.7257	31.6293	7	62.7182
551	32.9097	153.136	1	20.8122	29.8915	4	70.2734
555	38.2071	163.297	4	22.5062	33.4908	7	87.4725
556	33.1361	158.295	1	21.1092	30.4958	4	70.4969
557	31.6219	158.01	1	20.6899	30.708	6	66.4595
558	30.0797	151.382	1	19.8287	28.7221	4	61.1329
559	29.1288	153.476	1	19.3643	28.3892	4	57.9429
560	32.7035	165.46	2	21.4736	32.2868	7	69.921
561	30.5714	148.427	1	20.1806	29.3253	4	62.5684
562	32.7014	156.256	1	21.5088	31.578	6	69.4724
563	31.5715	155.445	1	20.8863	30.8936	6	65.9532
564	31.1476	154.415	1	20.2772	30.0087	6	64.2764
565	30.2388	152.549	1	19.6403	29.5656	4	60.8128
566	30.6564	151.743	1	19.9785	29.2864	4	62.0605
567	32.1007	152.383	1	20.3473	29.558	4	65.8301
568	33.231	152.111	1	20.462	30.0478	4	69.7474
569	30.8008	154.488	1	19.8153	28.8467	4	62.688
570	30.1762	154.092	1	19.6797	28.9993	4	60.8211
571	29.6252	152.002	1	19.1864	27.506	4	59.096
572	28.8451	152.112	1	19.0645	28.1295	4	56.5408
573	29.8941	151.194	1	19.7784	28.7369	4	60.1623
574	31.6997	152.34	1	20.0706	29.4676	4	66.8531
575	29.6444	151.948	1	19.4048	28.8613	4	59.0032
576	28.5726	144.392	1	19.239	27.3356	4	57.2508
580	31.9877	166.749	2	20.0214	29.0862	4	69.5744
581	33.1344	169.982	3	20.6427	30.9432	7	73.5655
582	30.2265	148.617	1	19.2361	28.1706	4	61.1297
588	29.1788	154.603	1	19.2493	28.7497	4	60.4516
597	34.1978	150.809	2	20.0676	28.6971	4	73.0367
605	36.5132	149.21	2	20.7991	29.3178	4	83.2153
606	38.3481	171.276	2	21.3871	31.6442	6	85.2004
610	29.0941	143.657	1	20.1131	28.5773	4	60.1047
611	38.5083	153.328	3	22.8368	33.7731	6	83.6449
612	29.8916	149.165	1	18.9412	26.3683	4	62.0422
613	31.9872	158.827	2	19.6136	28.5269	4	70.3276
614	29.3837	153.865	1	19.5443	28.5192	4	64.4923
615	29.2874	143.447	1	19.614	28.2741	4	58.8115
616	31.1118	147.706	1	19.8681	27.5825	4	64.2896

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
617	31.8086	145.831	1	20.1646	28.3525	4	70.2833
620	27.2167	144.69	1	18.6975	27.6183	4	53.1162
621	26.2501	135.453	1	18.0694	26.2678	4	49.0474
622	28.7534	141.927	1	19.3577	28.4593	4	55.2937
623	32.0412	144.205	1	20.4814	29.0882	3	66.2537
627	26.2824	145.879	1	18.5301	27.2043	4	50.976
628	30.6333	146.213	1	19.9182	27.9112	4	62.9236
629	32.7823	173.894	3	20.0059	29.6851	6	71.0089
630	32.4636	147.215	1	19.9087	28.0007	4	71.4257
631	28.1897	152.913	1	18.7347	28.05	4	56.4659
632	30.7312	159.507	2	20.0487	29.6732	6	63.8533
636	26.1231	142.651	1	18.0103	27.0026	3	52.6846
638	28.9958	152.286	1	19.1225	27.9573	4	57.7951
640	29.4823	140.721	0	19.5205	27.575	4	57.9786
641	30.7142	148.984	1	20.0805	28.6643	4	63.5185
642	31.3012	161.644	3	20.0993	29.2529	4	65.7595
643	34.6936	181.598	6	22.396	33.3351	12	71.6284
644	39.5223	173.613	4	21.5146	31.3036	6	91.8497
645	30.6175	144.752	1	20.355	28.8103	3	60.3678
646	34.9283	169.977	3	21.154	31.702	6	79.7559
647	33.5417	147.092	2	21.1293	29.9863	4	71.2726
648	29.9628	158.248	1	19.0687	28.6928	4	62.0317
649	32.3631	175.527	5	21.165	31.9839	9	65.8926
653	31.0201	160.871	1	20.5529	31.0038	6	64.2217
654	30.4551	154.603	1	20.1223	29.3996	4	62.2247
655	25.424	139.645	1	17.5989	26.0512	4	47.8057
657	30.7195	167.38	3	19.9337	30.3458	6	64.5569
658	32.0354	172.145	3	19.6361	29.6401	7	67.8217
659	32.7269	158.585	1	21.4777	31.7572	6	70.4515
661	28.32	154.562	1	19.2652	29.5962	4	56.7963
662	32.9765	150.159	1	18.9419	26.9933	4	71.4795
663	27.9092	139.385	1	18.7264	26.7621	3	54.3275
664	29.8546	159.621	1	19.5438	29.6123	4	61.8914
665	35.2824	151.57	1	20.3637	29.0281	4	78.6491
666	29.2074	151.163	1	18.7527	26.9309	4	59.6841
667	31.046	154.422	1	20.1445	29.8484	6	63.8308
668	31.614	145.653	1	20.6499	28.8351	6	62.6999
669	32.3657	164.052	2	20.6092	30.9458	8	69.428
670	32.0917	151.458	1	20.9937	30.0146	4	67.773
671	30.5635	144.468	1	20.3077	28.6904	3	60.1421
672	27.0783	149.299	1	18.4982	27.9545	4	52.5908
673	29.2976	146.352	1	19.4136	28.2286	4	56.9568
674	32.514	148.462	1	21.3706	30.8226	4	65.448
675	29.078	141.045	1	19.5002	27.7983	3	56.1406

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
676	30.0825	151.428	1	19.6608	29.0943	4	62.3353
677	32.1469	154.736	1	19.8606	28.4327	4	69.3308
678	31.1889	163.702	2	20.098	29.3818	7	68.0413
679	33.0003	154.454	1	20.8909	30.5174	4	69.4154
680	32.5789	153.553	1	19.9651	28.2881	4	72.904
681	36.3536	176.665	3	20.7074	31.0777	7	81.7516
682	27.8229	139.484	0	19.2805	27.5352	4	55.8282
684	31.8619	165.798	2	19.9259	28.3372	4	68.7829
685	31.2934	146.767	1	20.4898	28.7835	4	62.0608
686	28.9734	150.877	1	19.2109	27.3651	4	57.2787
687	37.9518	159.496	2	23.4527	34.3452	8	81.1877
688	32.5085	150.106	1	20.4995	28.9663	4	72.1347
689	35.919	168.187	4	20.7519	30.4882	6	83.3731
690	31.193	149.297	1	20.221	28.7651	3	64.8098
691	30.7077	148.959	1	19.9264	28.4548	3	62.4102
692	33.8871	162.739	2	21.2148	30.9722	6	77.9404
693	32.8129	153.323	1	20.363	29.693	4	71.4888
694	31.5175	168.133	3	20.1427	29.8181	8	69.9812
695	32.9974	171.034	3	20.3237	30.2921	6	70.7404
696	29.2068	147.136	1	19.1874	27.1921	4	59.7993
699	25.2458	133.565	0	17.5522	25.4788	3	47.7519
702	29.5912	156.879	1	19.7238	28.8431	4	60.117
703	32.9715	150.995	1	20.1735	28.4414	4	67.7652
704	36.7765	168.786	2	23.7553	35.6042	10	78.487
705	31.1069	168.097	3	20.5826	31.3598	8	65.5846
706	30.9871	162.428	2	19.6337	28.8554	4	66.5402
707	28.2654	153.411	1	18.9154	28.2259	4	55.7745
711	37.9523	166.607	4	21.1764	30.619	6	87.1683
713	30.4108	145.508	1	19.5493	27.7347	3	65.8007
714	43.9173	168.983	4	28.4799	42.7116	13	101.395
715	28.3231	156.088	1	19.1099	29.1868	4	56.5587
716	29.877	153.256	1	20.0681	29.3361	4	61.2378
717	28.1184	150.142	1	18.8163	27.7099	3	58.0967
718	31.2275	166.743	3	21.0252	31.8551	8	65.2473
719	25.4702	145.111	1	18.0145	26.8363	4	48.4874
724	29.3981	143.409	1	19.5325	27.2419	4	56.8821
726	32.4268	175.372	5	21.2052	32.0151	9	66.0505
727	32.6156	164.073	2	21.3261	31.6705	8	69.5037
728	30.939	172.219	3	20.5887	30.9887	9	62.3603
729	26.3253	136.573	1	17.7816	25.5823	4	49.5655
730	26.8193	137	1	18.0206	25.7617	4	50.7311
732	29.4069	145.35	1	18.0526	26.2973	4	60.0451
734	38.0899	151.933	2	24.0992	35.8312	7	80.7557
738	31.8409	156.036	1	21.0362	31.0408	6	66.7778

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
743	31.4443	162.474	3	20.1705	29.3541	6	66.4089
747	27.417	146.156	1	18.5068	27.6688	4	53.9577
748	27.4827	145.446	1	18.2221	26.2837	4	53.2954
749	25.8372	143.968	1	17.9533	25.883	4	50.3935
750	25.1532	137.243	1	17.949	26.5438	4	46.9508
751	29.1188	142.565	1	19.153	27.586	4	58.4318
753	29.2567	148.525	1	19.3948	27.781	4	58.1
756	28.3708	155.271	1	19.1635	29.2421	4	57.243
757	28.6776	159.024	2	19.0941	28.0688	4	60.4388
759	33.1637	145.716	0	19.6603	27.6764	4	71.4267
760	29.6862	146.073	1	19.202	27.2894	4	59.7665
761	26.601	139.937	0	17.8823	25.6512	4	50.6232
762	25.4771	146.459	1	17.915	26.6718	4	48.6378
763	30.2983	143.605	1	19.6763	27.7062	4	62.7574
764	30.6789	171.392	3	20.4516	30.8477	9	61.6512
766	26.971	145.774	1	18.9035	27.5349	4	53.0651
767	29.357	152.568	1	19.725	28.9829	4	57.8904
768	27.8408	144.316	1	18.9496	27.0519	4	55.3337
769	27.8652	153.123	1	18.7404	27.8883	4	55.8564
770	33.3614	159.217	1	20.6948	29.7869	4	73.215
771	31.751	145.667	1	20.129	28.2963	4	70.0328
772	31.6392	148.967	1	19.6404	28.2818	4	66.5288
773	27.6301	140.137	1	18.3798	26.5945	4	54.7365
774	27.166	146.938	1	18.7705	26.9639	4	53.5731
775	30.5494	162.136	2	20.0655	30.5179	6	62.8445
776	30.8399	160.241	1	19.9204	29.285	4	63.9574
777	30.2928	159.452	1	20.454	31.366	6	61.5715
778	29.6621	158.855	1	19.6765	29.0433	4	60.1057
779	36.0862	158.935	1	21.6757	31.2588	6	80.1045
780	27.2297	146.281	1	18.3388	26.6371	4	53.0132
781	26.3328	147.316	1	18.1804	26.248	4	52.155
782	29.4651	143.963	1	19.3757	28.8586	4	59.7335
783	29.6331	153.244	1	19.4816	29.0273	4	59.791
784	29.5532	149.721	1	19.5739	28.3155	4	59.0551
785	28.1969	153.41	1	18.8357	27.9456	4	56.5077
786	29.2403	149.639	1	19.2013	28.0012	4	60.2048
787	28.3506	155.152	1	19.1517	29.2273	4	57.1726
788	30.2377	143.505	1	20.3064	29.13	3	61.7721
789	27.9932	139.178	1	17.8627	25.8828	4	57.2131
790	34.7882	151.148	1	21.0838	29.9827	4	77.0091
791	27.3417	137.794	1	18.5031	26.2953	3	53.037
792	32.1969	151.834	1	20.7909	31.1082	6	67.6467
793	37.5635	181.862	6	20.9579	30.5436	7	86.6771
795	35.6288	172.774	3	20.1969	30.459	4	78.1201

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
796	28.496	157.607	1	19.0953	28.4058	4	57.6224
798	37.1422	159.785	3	20.9114	29.1825	4	84.5041
800	31.9266	156.004	1	19.8449	28.4591	4	67.153
801	31.9268	142.143	0	20.0677	29.2673	4	65.4797
802	28.1401	135.514	0	19.5617	28.8539	3	57.452
803	25.0324	132.174	0	17.6484	25.5476	3	47.7284
804	32.1803	147.117	0	20.0731	29.814	6	66.6675
805	26.345	133.368	0	17.9477	26.0459	3	50.5755
806	28.3934	133.87	0	19.0666	27.9746	3	55.9574
807	31.2223	137.529	0	19.1022	27.5262	3	63.3919
808	27.6701	131.977	0	18.3919	26.8765	3	53.8057
811	29.3624	135.578	0	18.6849	27.0234	3	57.3062
813	29.6444	137.325	0	19.6115	28.5835	3	60.3495
814	31.7102	150.691	1	20.4935	31.2365	6	66.2496
818	29.5649	138.4	0	18.827	27.5038	3	58.0447
820	29.7801	137.309	0	18.8471	27.2904	4	58.6508
821	29.6947	135.873	0	18.7498	26.9366	3	57.0668
823	30.0411	138.523	0	19.0256	27.8252	4	57.8237
824	31.3557	139.844	0	19.2679	28.1618	4	62.0876
825	33.1324	144.436	0	19.631	28.5974	4	71.5128
827	36.631	149.772	2	20.4643	29.822	4	85.1568
829	34.9772	151.34	1	20.7351	31.3568	6	74.9577
830	32.6497	150.704	1	19.9223	30.2708	6	69.0529
832	35.1158	146.296	0	21.0066	31.2392	6	76.6816
833	41.1444	174.859	3	21.718	33.1958	6	101.262
834	33.6717	144.146	0	19.6112	28.6628	4	73.2816
835	36.4401	164.312	3	20.9353	31.6485	7	81.3413
836	30.5532	149.665	1	19.6696	29.277	4	62.3989
837	27.6302	142.609	0	18.6767	27.2952	4	55.3129
838	27.868	144.568	0	19.0783	28.8694	6	55.3429
839	34.7343	156.383	1	21.3794	32.8061	6	76.01
841	32.7362	148.305	0	20.7028	31.552	6	67.827
842	30.6322	146.398	1	19.0865	28.2703	4	61.2517
845	28.1799	139.364	0	18.5368	26.6201	4	54.6476
847	28.0941	138.927	0	19.2467	27.1583	4	54.6659
848	26.9398	134.15	0	18.3977	26.9068	4	51.6097
849	30.247	141.637	0	20.471	29.4549	6	61.9867
850	26.3467	132.801	0	18.1359	26.2911	4	50.2017
851	27.5995	142.145	1	18.8344	27.6607	4	54.2164
852	32.2976	146.371	1	20.8682	30.3534	6	70.2664
853	28.9561	150.693	1	19.3507	28.3622	4	59.4415
854	27.5814	135.994	0	18.5719	27.1374	4	55.8327
855	27.0438	140.068	0	18.4798	26.5096	4	54.2471
856	26.4467	135.491	0	18.2399	26.6008	4	51.0169

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
857	28.28	135.182	0	18.3511	26.5398	4	55.1267
859	29.2866	134.78	0	18.9914	28.0219	3	57.2499
860	27.6199	131.782	0	18.3139	26.8699	3	52.7111
861	28.3978	136.813	0	18.8885	27.3944	3	55.2926
862	29.1949	135.387	0	19.1219	28.7062	4	57.0632
863	31.0248	144.804	1	20.0058	29.5619	4	63.1496
864	30.5388	141.676	0	19.5799	28.6049	4	61.0056
865	33.7524	150.054	2	20.8884	30.9786	6	70.5046
869	32.1704	138.842	0	19.7052	28.5528	4	63.975
870	29.9842	139.59	0	19.151	28.0164	4	58.6116
873	29.6295	140.324	0	19.9012	29.3174	4	58.4451
877	30.8436	143.126	0	20.142	30.0435	4	62.9714
879	30.5998	139.271	0	19.3478	28.532	4	60.7397
882	32.6448	147.182	1	20.2287	29.6385	4	66.9829
883	30.2127	136.723	0	19.2861	28.4098	4	60.1769
884	29.0344	136.921	0	19.1756	27.4996	3	56.8149
885	29.7462	140.279	0	18.83	27.6883	4	57.2429
886	29.7152	139.564	0	18.7564	27.4376	4	57.4455
887	29.3905	137.104	0	18.6316	26.7019	3	56.4268
888	29.9201	138.469	0	18.9309	27.2208	3	57.3538
889	31.2019	144.812	1	19.7891	29.5167	4	61.8274
890	29.3896	140.549	0	18.7643	27.6782	4	56.4653
891	29.8118	141.059	0	18.8137	27.6046	4	57.9868
892	32.6874	152.149	1	20.3739	30.8335	6	68.2224
893	29.3625	139.952	0	18.7962	27.7073	4	56.1046
894	28.9227	140.747	0	18.7294	28.0919	4	55.3141
895	30.3108	145.394	0	19.3216	28.5573	4	59.1008
896	29.2254	139.391	0	18.7346	27.621	3	55.3896
897	28.9653	137.605	0	18.5875	27.3653	3	55.1722
898	29.1204	134.206	0	18.6468	27.5654	4	55.3852
899	29.2013	139.999	0	18.8245	28.1151	4	56.3002
900	30.4042	144.866	1	19.9374	29.6855	6	60.1984
901	29.4955	141.628	0	19.5773	29.1293	4	57.7721
902	31.2484	147.224	1	20.743	31.0392	6	64.2432
903	30.0884	143.527	1	19.8388	29.7626	4	60.0136
904	29.4467	139.447	0	19.4066	28.8597	4	57.9273
905	30.07	144.158	0	19.3688	28.4901	4	57.3582
906	28.8621	142.257	1	18.9594	27.0164	4	55.3764
907	29.4896	149.646	1	19.1504	28.3283	4	56.8237
908	29.3086	139.776	1	19.7325	27.9255	3	57.9248
909	29.7416	139.353	0	19.2007	28.0513	4	58.8084
910	28.7426	139.636	0	18.7664	26.9978	4	56.2611
911	28.1876	136.359	0	18.5719	27.1935	4	54.7804
914	28.7349	140.203	1	18.98	27.9035	4	55.8028

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
915	29.6136	144.861	1	19.699	29.0076	6	59.0765
916	28.9289	144.876	1	19.2236	28.8747	4	57.1519
918	29.4555	146.381	1	19.1808	28.8721	4	58.6836
919	29.4529	137.794	0	19.1958	27.6704	4	58.6323
923	31.5345	144.7	1	19.6507	28.8825	4	63.814
924	29.9164	143.148	1	19.9317	28.6477	4	59.2724
925	29.4017	151.967	1	19.4819	28.3982	4	58.636
926	29.224	146.628	1	19.3441	28.3175	4	58.3035
927	27.1933	140.838	1	18.2985	26.49	4	51.9855
928	28.5208	142.449	1	18.9701	27.9924	4	55.7323
929	28.0852	143.103	1	18.8238	27.6682	4	55.2682
930	27.4527	141.463	1	18.5028	26.6064	4	53.3568
931	27.3333	140.694	1	18.1269	25.7616	4	54.6544
932	27.0475	140.283	1	18.0915	26.2088	4	52.2547
933	27.1131	140.155	1	18.1307	26.1571	4	52.1438
934	29.0555	141.118	1	19.4297	27.6124	4	58.057
935	28.8031	144.735	1	18.8784	26.7164	4	57.8393
936	28.4807	151.947	1	19.1645	28.2111	4	56.6651
937	26.8913	142.638	1	18.1466	26.7324	4	51.9025
938	29.2948	156.928	1	19.2242	28.6325	4	59.1651
939	30.198	161.425	2	19.5504	29.367	4	61.7173
940	29.6378	149.21	1	19.2462	27.6242	4	59.5274
941	34.6688	154.816	1	20.6974	29.5805	6	77.1948
942	26.6968	142.983	1	18.2233	26.9135	4	50.9922
943	30.9773	152.675	1	20.4397	29.4366	4	65.7905
944	28.4194	147.149	1	18.8524	27.812	4	54.5127
945	29.465	154.071	1	19.3557	28.8712	4	57.3147
946	28.0403	147.478	1	19.4288	28.5294	4	55.7466
947	28.2531	148.713	1	19.6319	28.4616	4	56.6429
948	28.0534	149.5	1	18.8552	28.1454	4	53.7581
949	28.162	133.9	0	19.016	27.3934	4	53.869
950	27.6092	151.892	1	18.9361	27.5929	4	55.55
951	28.6738	145.239	1	18.9363	26.7451	4	58.4174
952	29.0462	140.74	1	19.1979	27.1792	3	57.0938
953	27.7855	149.455	1	18.6193	27.4534	4	53.8283
954	28.1902	146.809	1	18.7809	27.8409	4	55.1054
955	30.0435	162.096	1	19.9897	30.3953	4	61.5929
956	30.3823	159.627	1	19.6661	29.1073	4	62.0791
957	29.6065	159.227	1	19.5974	29.1867	4	60.9672
958	28.6833	140.278	1	19.004	27.4153	3	57.2114
959	28.9105	145.013	1	18.9858	27.0722	4	57.4608
960	28.878	153.151	1	18.9905	28.1261	4	57.5337
961	27.1429	143.346	1	18.4999	26.6374	4	52.7411
962	27.0229	144.574	1	18.4552	26.5252	4	52.602

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
963	25.7509	129.696	0	17.6757	25.5231	3	48.5174
964	25.3593	130.004	0	17.6301	25.3746	3	48.0915
965	25.7196	133.661	0	17.7168	25.8788	3	48.9966
966	24.8247	133.397	0	17.6867	26.0558	3	47.1027
967	24.1439	130.819	0	17.2431	25.2838	3	45.3056
968	24.2224	129.925	0	17.3054	25.29	4	45.361
969	25.6797	139.712	0	17.6087	25.4001	4	48.2779
970	25.7061	132.681	0	17.7637	25.9097	4	48.6666
971	26.2118	137.117	1	17.8196	25.4131	3	49.077
972	29.7416	139.177	0	19.2727	28.7597	4	58.2668
973	29.9376	142.911	0	19.126	28.4873	4	57.5767
974	28.8849	134.965	0	18.6407	26.9255	3	55.2714
975	27.6357	134.363	0	18.1871	26.6176	3	52.2285
976	27.1261	132.802	0	17.998	26.2799	3	51.2579
977	27.4006	137.511	0	18.28	26.3443	4	52.8444
979	33.2793	143.201	0	20.6291	31.2671	4	69.5535
980	29.1963	136.595	0	18.8307	27.1901	4	56.6194
981	28.5877	135.246	0	18.5411	26.8256	4	54.7046
982	35.7471	164.908	2	21.069	32.9059	7	79.1645
983	31.5507	144.956	1	19.5288	29.3719	4	65.4926
984	26.6255	132.704	0	17.8635	25.8455	3	50.6644
985	31.6575	144.231	0	20.647	30.0529	6	65.5997
986	28.6998	138.09	0	19.3827	28.0391	4	56.2327
987	25.5367	130.386	0	17.7284	25.5122	4	48.0658
988	30.3312	144.24	1	19.8589	27.5064	4	61.6265
989	29.689	155.291	1	19.3489	28.9051	4	59.9875
990	44.5894	205.138	23	23.5436	35.7377	11	110.532
991	28.2898	136.464	0	18.6029	26.8772	4	55.1481
992	28.8931	141.684	0	18.5803	27.3198	4	57.2478
993	30.9141	141.524	0	19.8541	28.841	4	62.6449
994	32.3071	141.718	0	19.4491	28.4452	4	66.7597
995	32.2122	139.667	0	19.6307	28.9205	4	65.6488
996	24.2098	130.594	0	17.2625	25.2961	3	45.4716
997	30.715	145.995	1	19.1151	28.5905	4	62.9493
998	29.8216	138.489	0	19.9569	28.9933	4	59.165
999	33.5509	153.161	1	21.1152	32.3187	6	69.7195
1000	40.3765	184.813	6	24.1294	37.7925	12	87.1236
1001	34.5841	161.909	2	20.8731	31.8687	6	74.7724
1002	30.681	142.059	0	19.3789	28.3453	4	60.2159
1003	33.6621	146.536	0	20.2385	31.1103	6	68.8451
1004	31.383	138.863	0	19.3638	28.1923	4	61.8897
1005	35.2653	165.336	2	20.7917	32.089	6	77.8747
1006	27.0033	139.715	1	18.1798	26.1735	4	51.9043
1007	28.1942	139.627	0	18.6932	26.9271	4	53.4094

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1008	32.227	144.215	1	20.5646	29.6862	6	63.635
1009	33.2029	140.364	0	19.9183	29.2109	4	66.9897
1010	37.4058	146.62	1	20.0115	29.2599	4	100.897
1011	31.9112	136.827	1	19.0853	27.6799	4	65.7078
1012	28.6071	134.097	1	18.3404	27.0391	3	53.7346
1013	27.9094	134.463	1	18.1354	26.9238	4	52.4895
1014	28.4675	136.02	1	18.8216	28.8189	4	54.2827
1015	32.2621	141.388	1	19.5625	27.9687	4	64.0947
1016	27.3295	135.258	1	18.033	27.4213	4	51.256
1017	28.0055	136.033	1	18.3955	27.8473	4	52.9986
1018	33.501	136.927	1	20.6912	30.5953	4	66.672
1019	35.0166	143.142	2	20.8347	30.4566	4	71.5178
1020	32.2017	145.908	1	19.7427	30.3627	6	63.3651
1021	37.8168	161.525	4	22.4355	33.0756	6	79.5848
1022	32.4008	137.077	1	20.3599	29.765	4	63.6236
1023	32.6062	140.828	1	20.1253	29.6215	3	64.061
1024	34.7529	144.585	1	21.2931	31.0457	4	70.5838
1025	31.0255	135.202	1	19.4158	27.75	4	60.1721
1026	35.1799	139.411	1	21.1817	30.0766	4	71.1701
1027	30.7035	139.066	1	18.7816	27.6518	4	60.5105
1028	34.217	143.534	1	19.4434	28.9858	4	73.2075
1029	36.1485	137.11	1	19.9273	28.6641	4	78.4883
1030	28.0341	133.404	1	17.9362	26.6501	3	53.6126
1031	27.976	128.057	1	17.9049	25.9239	3	52.7954
1032	33.3731	136.436	1	19.9003	28.4781	4	67.2613
1033	40.0998	162.331	4	22.1456	32.3356	6	92.1483
1034	36.6837	159.284	3	21.0712	31.4488	7	81.1101
1035	29.8233	133.319	1	18.6729	26.9338	4	57.1387
1036	36.1709	142.98	2	20.9748	30.0961	3	81.1802
1037	32.414	142.483	1	19.4372	28.2414	4	64.5704
1038	31.3223	136.44	1	19.3934	27.8418	4	62.3176
1039	31.2412	136.411	1	19.3545	27.7839	4	63.0204
1040	29.5427	146.08	1	19.1036	28.7351	4	59.6931
1041	27.2837	140.575	1	18.7213	28.1242	4	53.3854
1042	31.2388	144.332	1	19.9569	29.909	4	61.9651
1043	39.7865	152.025	2	22.3492	32.8131	4	89.1633
1044	41.8796	166.09	5	24.1777	36.4424	8	96.4904
1045	33.4912	148.032	1	19.9926	29.2338	4	68.1146
1046	36.7967	141.709	1	20.864	29.9548	4	79.2681
1047	36.8991	162.966	3	21.9411	32.9865	7	83.5127
1048	44.918	172.17	4	25.5252	39.07	11	110.606
1049	33.4002	139.065	1	25.9729	38.8983	12	71.4012
1050	29.1202	140.322	1	18.9321	28.1394	4	59.5851
1051	29.5252	131.683	1	18.9935	27.0915	4	60.1267

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1052	28.3095	132.855	1	18.7187	27.2947	3	55.8339
1053	28.4467	129.139	1	18.8066	27.0695	3	56.4819
1054	33.4711	145.222	1	20.9316	30.1092	6	71.89
1056	35.3766	141.586	1	20.53	30.2618	4	74.5541
1057	32.5859	143.743	1	20.8053	31.4388	7	64.2747
1058	31.4372	143.136	1	20.2312	30.5393	4	64.4043
1059	32.2656	139.694	1	20.2804	29.7196	4	64.2449
1060	32.1445	141.172	1	20.5483	30.8262	6	63.3241
1061	27.9212	129.437	1	18.5742	27.9791	3	52.9397
1062	31.739	160.775	3	20.0092	30.3665	6	66.8215
1063	33.2297	134.613	1	19.9444	29.2095	4	66.3631
1064	27.1889	134.441	1	18.1865	27.1181	4	52.8559
1065	29.697	138.992	1	19.3451	27.6193	3	59.7572
1066	31.2966	135.676	1	19.7599	28.6329	4	61.4022
1067	29.7571	132.965	1	18.784	27.4397	3	57.3326
1069	32.7461	141.335	1	21.0518	30.1412	4	73.4657
1070	29.5691	135.401	1	18.4545	27.4918	4	57.107
1071	38.4605	144.485	2	22.0343	31.2433	7	81.4691
1072	37.4436	152.774	2	21.7986	32.1644	7	78.5469
1073	38.1124	145.479	1	22.0087	31.0566	7	80.7413
1074	34.8488	149.661	1	21.0919	31.5158	7	71.4289
1075	27.1029	127.868	1	18.1501	26.9897	3	50.6674
1076	34.8512	139.59	1	20.2378	28.7682	4	79.1471
1077	28.1804	128.657	1	18.58	26.785	3	56.2263
1078	30.096	129.656	1	18.6427	26.8649	3	57.9194
1079	31.3421	132.101	1	19.2901	27.9999	3	62.3388
1080	33.311	135.548	1	20.3331	29.5378	4	66.7079
1081	32.7843	148.684	1	20.0342	29.9001	4	65.7205
1082	29.3503	127.352	1	18.4877	26.8455	3	55.613
1083	29.6214	132.326	1	18.5867	26.8666	4	56.5247
1084	28.2249	125.784	1	19.4876	28.2785	4	52.8894
1085	35.6332	138.983	1	19.9851	28.2803	4	78.6703
1086	29.2077	129.162	1	18.4038	26.782	3	55.127
1087	27.1393	133.625	1	17.6571	26.5999	3	51.0841
1088	30.9897	131.125	1	19.0694	27.5966	4	60.6553
1089	26.0757	127.234	1	18.0385	26.8471	4	48.9043
1091	28.0163	134.329	1	18.0803	26.4701	3	52.1975
1092	32.6812	158.028	3	20.4479	31.0137	8	70.9853
1093	29.5976	133.615	1	18.734	26.6953	3	59.2965
1094	25.1662	132.454	1	17.2674	25.5011	3	46.6055
1095	25.9333	130.289	1	17.4078	25.2742	3	47.9411
1096	35.4872	174.117	5	22.3394	33.9092	9	80.5029
1097	34.7849	153.634	1	21.0927	31.6633	8	72.5995
1098	26.7745	134.148	1	17.5721	26.3099	3	49.993

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1099	26.9818	131.542	1	17.908	26.5629	3	50.8192
1100	35.9148	164.845	4	21.5569	32.3269	6	77.7406
1101	32.279	141.614	1	20.2386	29.5727	3	65.8125
1102	32.52	144.651	1	19.5574	29.3283	4	63.8656
1103	45.4241	166.747	4	22.1937	32.0949	3	130.744
1104	39.0053	174.235	5	22.8042	35.4846	10	88.0131
1105	37.6648	159.037	2	22.9745	34.4511	6	79.7642
1106	29.5681	133.869	1	18.3633	27.4016	4	57.1312
1107	26.7123	131.731	1	17.6617	25.925	3	49.7746
1108	28.0697	134.663	1	17.9561	26.7818	3	52.7773
1109	26.1697	125.205	1	17.5213	25.4202	3	48.0868
1110	25.5924	124.509	1	17.5011	25.5083	3	47.4372
1111	26.6752	133.28	1	17.7126	26.1886	3	50.0053
1112	28.3667	133.558	1	18.1128	26.6605	3	53.3327
1113	28.5806	131.967	1	18.2939	27.0594	3	54.0854
1114	28.3368	133.841	1	17.9053	26.4565	3	54.9295
1115	34.7923	139.552	1	19.4879	28.2183	3	76.5033
1118	26.8045	129.954	1	18.0065	26.7057	4	51.3785
1119	28.5312	133.517	1	18.177	26.692	3	53.748
1120	33.3925	142.456	1	20.4006	29.2997	3	67.8686
1437	31.4652	146.87	2	19.8863	30.4355	4	61.7679
1438	30.9197	139.541	1	18.9183	27.5923	4	59.7773
1439	37.9754	165.167	2	22.0631	33.4605	10	81.7766
1440	34.1799	150.032	2	22.5103	32.7473	6	70.5335
1441	36.0377	163.391	2	20.7189	31.5719	6	76.2856
1442	33.5858	147.703	1	20.3818	30.3737	3	66.9534
1443	32.5125	149.356	2	20.1691	30.6627	4	64.5035
1444	32.5961	147.749	1	19.9976	29.3757	3	67.3139
1445	31.2722	157.692	3	19.5881	30.3358	4	60.5346
1446	32.2832	147.287	1	19.4682	29.0639	4	64.8614
1447	26.8376	146.539	1	17.9797	26.5945	3	51.1429
1448	25.6814	143.567	0	18.3567	28.1425	3	48.3845
1449	27.1434	148.424	1	18.0758	27.2259	3	51.7541
1450	29.9061	149.969	1	19.3121	29.0078	4	60.011
1451	28.8447	148.692	0	18.7605	27.6409	4	56.6878
1452	32.5856	153.321	1	20.0275	29.6648	4	70.4504
1453	32.5958	145.413	1	19.6287	28.2932	3	69.5998
1454	28.2032	143.109	0	18.4747	26.6694	4	54.0772
1455	28.145	137.384	0	18.3101	25.7504	4	54.2659
1456	37.596	171.405	3	22.3983	34.4287	11	86.3583
1457	32.2255	159.735	2	19.9657	30.5623	7	66.3838
1458	31.9836	151.888	1	19.2532	28.9721	4	64.2094
1459	30.1004	142.823	1	18.6564	27.9541	4	58.6316
1460	35.9765	152.237	2	22.3352	34.1	7	74.8818

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1461	39.0764	179.511	6	23.5751	38.3857	12	84.9421
1462	40.9912	164.262	4	23.8057	35.8342	8	89.3848
1463	44.4148	209.608	25	25.1136	42.9456	20	100.867
1464	37.4115	159.63	2	21.8772	32.7929	6	78.7099
1465	30.3805	157.066	1	18.9799	29.3594	4	61.0889
1466	31.3064	153.031	1	19.8657	29.5071	4	63.7887
1467	27.8937	142.075	0	18.6401	27.1618	4	54.6707
1468	28.8043	145.143	0	18.4877	26.7747	4	59.0364
1469	31.2441	151.398	2	19.9504	28.8789	4	62.6586
1470	29.2724	143.461	1	18.8537	27.4573	3	56.8213
1471	27.2728	146.472	0	18.2067	27.1988	4	53.2525
1472	25.3781	139.452	0	17.3942	25.1962	3	48.039
1473	26.1241	141.968	0	17.8794	25.8716	4	50.1729
1474	32.4387	144.98	1	20.3823	28.5833	4	67.0864
1475	32.2594	153.307	1	19.888	29.5366	4	68.8436
1476	32.9944	148.267	0	20.0543	29.2902	4	67.9566
1477	23.4639	140.967	0	16.9811	25.0495	3	43.6749
1478	26.6045	140.903	0	17.7969	25.7209	3	50.8611
1479	29.5341	145.23	1	18.5826	27.3455	4	57.4223
1480	31.1121	144.139	1	19.4135	28.4985	4	60.0274
1481	37.7125	163.707	3	22.0199	33.2229	8	79.7148
1482	36.2279	150.921	2	21.0333	31.9484	6	76.0107
1483	33.399	161.765	2	20.4592	32.0468	6	66.7883
1484	35.6269	162.893	2	20.5524	31.4004	4	74.9309
1485	29.2293	144.109	1	18.8713	27.1458	4	57.3093
1486	31.2303	153.816	1	19.78	30.1887	4	63.4449
1487	29.9981	142.643	1	18.633	27.8463	4	58.286
1488	40.1132	165.608	3	25.1368	39.307	13	88.1997
1489	31.3132	147.929	1	20.4779	30.4213	4	61.5562
1490	37.029	168.175	2	22.1433	34.1143	10	84.3693
1491	28.9125	134.871	0	19.1348	28.5767	4	56.7562
1492	28.6271	138.114	0	19.0155	28.0926	4	56.1041
1493	30.6214	141.734	1	19.6892	29.9819	6	61.3188
1494	35.255	167.113	2	21.0936	32.4814	6	74.7601
1495	35.1725	152.062	3	21.0578	31.2025	6	75.5342
1496	35.7212	153.932	3	21.5845	31.5778	6	79.7985
1497	31.3025	135.85	0	19.7015	28.4147	4	62.2352
1498	32.19	139.61	0	19.5785	28.9434	4	65.6352
1499	33.9981	146.802	1	20.2751	31.0423	6	78.9242
1500	32.4537	139.105	0	20.2422	30.6452	4	66.8112
1501	34.1088	149.487	1	20.5788	30.9503	4	71.3347
1502	41.6629	181.096	2	23.1463	34.9867	9	95.2499
1503	37.5125	158.359	1	21.7189	33.1455	6	81.8031
1504	35.5909	156.084	1	22.3435	35.4715	9	74.6647

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1505	28.2865	129.27	0	18.7871	27.4651	4	53.964
1506	28.1397	128.175	0	19.3807	28.0218	4	54.3114
1507	31.7882	145.776	1	20.0006	30.9385	6	65.4151
1508	31.7738	144.368	1	20.298	31.4851	6	65.579
1509	40.028	156.309	1	22.3225	33.9333	7	92.2732
1510	29.8224	135.557	0	19.0823	28.5284	4	58.4338
1511	33.8407	139.356	0	20.6174	30.7753	4	70.8734
1512	32.5231	141.013	0	20.4851	31.1703	6	66.6561
1513	32.2201	141.471	1	20.3736	31.4151	6	65.2856
1514	38.0034	153.607	0	21.3181	31.9129	6	82.0837
1515	33.6018	150.756	1	20.6791	31.3605	6	70.564
1516	28.4908	132.04	0	18.624	27.7524	3	55.2197
1517	28.0538	130.596	0	18.3377	26.9376	3	53.6122
1518	31.2276	138.46	0	19.8046	28.7694	3	62.9065
1519	29.6091	135.121	0	18.9533	28.2795	4	57.1433
1520	28.5994	128.8	0	18.4684	26.7861	3	54.3893
1521	30.4695	140.136	1	19.6287	29.9712	4	61.5998
1522	29.5829	137.828	0	19.1967	28.6091	4	58.1021
1523	32.8311	142.567	1	19.9594	29.4843	4	67.7882
1524	32.1016	145.926	1	20.1291	31.3268	6	67.2467
1525	32.4775	138.353	0	20.325	30.2037	4	68.3408
1526	31.1057	141.264	0	19.7092	29.9353	6	63.9076
1527	28.8126	136.263	0	19.0635	28.5792	4	56.0349
1528	27.6924	131.986	0	18.4651	27.5793	4	53.3862
1529	30.0611	133.121	0	19.1012	28.459	4	57.8616
1530	29.0818	133.905	0	19.1822	28.7035	4	57.1506
1531	28.0993	132.913	0	18.8372	27.8487	3	54.8277
1532	27.8858	131.111	0	18.5349	27.1224	3	53.7372
1533	27.3961	131.57	0	18.7485	27.2993	3	52.9293
1534	28.4309	133.723	0	19.167	28.2303	3	56.3223
1535	30.1735	134.185	0	19.9947	29.2928	3	62.3933
1536	29.8986	133.387	0	19.6327	28.4886	3	62.4177
1537	30.1051	133.027	0	19.7468	28.8335	4	60.7807
1538	29.8227	134.462	0	19.7198	28.7177	3	59.0126
1538	29.7692	134.623	0	19.7021	28.758	3	58.8913
1539	30.8921	128.821	0	22.0072	31.2554	6	64.5875
1539	30.8572	129.195	0	21.9945	31.2383	6	64.5005
1540	32.4229	141.351	0	21.1906	31.9059	7	68.9481
1540	32.3871	142.51	0	21.1773	31.912	7	68.8564
1541	28.5985	130.744	0	19.13	27.9195	3	55.1587
1541	28.5509	130.731	0	19.1139	28.0415	3	55.0476
1542	28.4482	130.958	0	18.876	27.5099	3	54.3939
1543	28.8166	129.741	0	18.8636	27.7871	3	55.085
1544	31.7397	141.833	1	20.3857	31.7901	6	63.7431

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1545	25.4726	124.595	0	18.0003	25.9323	3	48.4129
1546	26.3438	126.406	0	18.3168	26.3878	3	50.0491
1547	30.1576	136.533	0	19.9633	29.2133	6	61.5069
1548	36.6901	149.887	0	21.9298	32.1775	7	90.9696
1549	29.7497	140.496	0	19.4929	29.1429	6	62.8509
1550	27.9909	136.005	0	18.9525	27.5342	4	56.9199
1551	29.5711	140.926	0	19.4888	29.5435	6	60.4545
1551	29.5253	140.893	0	19.4728	29.3957	6	60.352
1552	28.9333	133.671	0	19.2323	27.5276	3	58.1705
1553	27.1431	133.252	0	19.0145	28.4218	4	53.894
1554	28.7435	134.375	0	19.1179	28.1264	3	56.977
1555	27.0466	131.681	0	18.3381	26.9022	3	52.7886
1556	29.9582	139.503	0	19.6331	29.729	4	60.127
1557	28.3721	134.015	0	19.048	28.286	4	55.1475
1558	27.5376	132.846	0	18.5398	27.5306	4	53.1221
1559	31.1601	140.749	0	20.3254	30.5571	6	62.7927
1560	29.8128	136.897	0	19.3777	27.8732	3	59.5834
1561	28.8443	136.085	0	18.9939	27.7747	4	55.9971
1562	29.8823	136.924	0	19.5783	28.3458	4	59.5099
1563	29.5339	139.063	0	19.3234	28.4545	4	57.2021
1564	31.4487	139.437	0	19.641	29.2695	4	62.903
1565	32.0351	143.906	1	19.7093	30.0074	4	64.9821
1566	32.7388	142.666	1	20.2795	31.1523	6	67.5809
1567	32.1553	140.73	1	19.7647	29.3134	4	66.2482
1568	31.033	136.1	0	19.4793	28.7944	4	60.4784
1569	33.6825	138.449	0	20.6769	30.6068	4	68.8999
1570	35.7491	141.778	0	21.1216	31.1276	6	73.8757
1571	29.7273	133.292	0	18.8689	28.1795	4	56.8937
1572	40.1844	163.761	1	23.8976	35.8599	11	86.6521
1573	39.516	162.701	2	24.2564	36.1772	14	84.4974
1574	32.2669	139.934	0	19.8749	29.3151	3	62.5953
1575	43.7049	171.794	7	26.4763	41.1193	14	97.8627
1576	40.3443	152.677	2	23.4104	34.6231	6	83.3558
1577	33.1785	138.835	0	20.8251	31.7343	6	66.0409
1578	30.0659	133.94	0	19.1301	28.7694	4	57.8111
1579	31.7447	140.401	0	19.7194	29.2566	4	62.6142
1580	35.7197	138.709	1	20.9857	30.9576	3	75.6833
1581	32.2254	144.803	1	19.9791	30.2094	4	65.323
1582	33.7067	136.568	0	20.6448	30.0864	3	68.6618
1583	32.0862	143.961	0	19.6026	29.2201	4	63.8203
1584	33.1297	139.961	0	20.5218	29.7654	3	67.6625
1585	40.1925	167.205	2	24.7398	36.5873	16	88.2566
1586	30.5833	135.14	0	19.0822	27.3837	3	58.1507
1587	30.1635	134.219	0	18.866	27.106	3	57.4145

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1588	35.8638	144.867	2	22.1059	32.7252	4	73.0545
1589	30.0523	134.642	0	18.9071	27.2619	3	56.8934
1590	30.608	138.369	0	19.2757	29.4633	4	59.3241
1591	32.9044	145.032	1	20.5235	31.7084	6	67.121
1592	31.365	140.84	0	19.6944	28.7876	4	61.7664
1593	29.5895	128.267	0	18.7608	26.7947	3	55.4693
1594	29.9271	132.044	0	19.0408	27.2107	3	57.5787
1595	35.8104	141.902	1	21.7636	32.6283	7	72.3267
1596	33.5128	150.021	2	20.7685	31.7844	6	66.1395
1597	29.3905	127.142	0	18.7031	26.9848	3	55.1885
1598	31.2867	141.63	0	19.7253	30.0007	6	63.3701
1599	29.8752	134.416	0	19.0124	28.1299	4	58.895
1600	30.2126	132.528	0	18.9855	28.0918	4	59.2773
1601	25.6792	124.399	0	17.9871	26.1597	3	48.1096
1602	28.3204	126.22	0	19.6772	28.1239	4	55.388
1603	33.3024	143.56	1	20.9358	31.1095	3	70.3347
1604	30.0521	137.972	1	18.9452	28.0085	4	59.3872
1605	30.7757	130.502	0	18.9174	27.0916	3	59.5038
1606	24.3105	122.003	0	17.141	24.3009	3	44.4148
1607	27.5753	125.77	1	18.0894	25.9947	3	50.8666
1608	29.2097	127.972	0	18.5259	26.6853	3	54.9362
1609	37.9139	153.845	1	21.0605	30.2817	6	91.6798
1610	50.8758	196.669	14	28.8178	44.5924	21	126.37
1611	41.112	156.098	1	23.2721	34.5554	8	92.5283
1612	34.4064	147.057	2	20.1933	30.3556	4	72.4284
1613	37.8362	144.803	1	22.3473	33.7403	8	80.9758
1614	34.9132	137.171	0	20.8012	30.224	4	74.1212
1615	39.8881	166.291	3	23.6049	34.7269	7	88.0641
1616	39.4269	165.819	2	22.4034	32.6882	6	92.1806
1617	34.7606	159.408	3	20.8388	31.2417	6	76.2609
1618	37.6404	165.588	3	23.94	36.6559	8	86.6769
1619	30.2021	128.688	0	18.7431	26.5464	3	57.7687
1620	31.5583	134.036	1	19.2384	27.9352	4	61.4492
1621	44.2559	168.324	3	23.4665	34.8806	8	111.493
1622	32.3171	144.259	1	20.1438	29.3234	4	62.7018
1623	34.0308	142.413	1	21.7241	33.1724	4	73.1597
1624	26.3675	123.098	0	17.735	25.5466	3	48.5868
1625	34.7873	158.014	3	20.512	30.5766	4	76.9881
1626	28.0447	127.528	0	18.5768	26.3516	3	54.9344
1627	30.8174	141.292	2	19.0289	27.6132	3	64.5521
1628	25.257	122.292	0	17.3853	24.9331	3	46.189
1629	25.261	122.101	0	17.3742	24.8815	3	46.1761
1630	24.6106	122.052	0	17.2064	24.3415	3	45.0222
1631	25.3527	122.79	0	17.4226	24.9186	3	46.5763

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1632	25.0785	122.82	0	17.3278	25.0757	3	46.2114
1633	24.5363	122.613	0	17.2545	24.9727	3	45.1967
1634	24.7009	122.514	0	17.2179	24.3885	3	45.1424
1636	25.2476	121.986	0	17.477	25.3844	3	46.3525
1637	24.5944	122.01	0	17.2167	25.1435	3	44.8748
1638	27.3423	127.6	0	18.4597	26.9479	3	52.2789
1639	25.5053	122.158	0	17.5022	25.4749	3	47.046
1640	25.2866	122.337	0	17.4302	25.3666	3	46.7122
1642	25.968	122.997	0	17.5374	25.4464	3	48.6246
1644	25.94	122.891	0	17.8911	25.7633	3	48.9919
1645	26.8417	123.787	0	17.9036	25.6909	3	49.9815
1648	26.4723	124.415	0	17.698	25.4977	3	48.818
1649	26.0683	124.254	0	17.5563	25.2838	3	47.975
1650	26.0526	122.799	0	17.641	25.5787	3	48.0081
1651	27.1579	123.842	0	17.8553	25.6242	3	50.3284
1652	26.1474	123.615	0	17.5925	25.495	3	48.0356
1653	26.299	123.256	0	17.6962	25.5523	3	48.4055
1654	27.2584	126.371	1	18.0682	26.9949	3	50.8255
1655	26.8456	127.518	1	18.0717	26.5694	3	49.7844
1656	26.286	125.066	1	17.9311	26.3997	3	48.6531
1657	26.0254	124.968	1	17.7717	26.5004	3	48.2588
1658	26.8757	126.235	1	17.8786	26.7545	3	49.9469
1659	26.03	124.373	1	17.7565	26.2004	3	48.543
1660	30.0622	136.147	1	19.0431	28.0782	3	57.5303
1661	27.4735	126.121	1	18.0727	26.9316	3	51.2738
1662	27.8126	125.452	1	18.1122	26.4676	3	52.1868
1663	27.3125	124.841	0	18.0817	26.4781	3	50.7945
1664	27.5596	125.417	0	18.1114	26.3579	3	51.3766
1665	27.9847	126.135	0	18.3033	26.9995	3	52.3641
1666	27.9803	125.674	1	18.2697	27.026	3	52.5212
1667	27.2327	125.087	0	17.9591	25.6956	3	50.6831
1668	27.5944	125.296	0	18.0939	26.9736	3	51.6182
1669	27.8584	125.25	1	18.2064	26.8968	3	52.1687
1671	26.9486	124.08	0	17.8956	25.7426	3	49.8939
1672	30.3206	130.017	0	19.2075	27.4766	3	58.5596
1673	27.2877	124.341	0	18.1274	25.965	3	51.008
1674	29.4191	127.404	0	18.7721	26.7223	4	56.0147
1675	29.7186	125.941	0	18.6369	26.4307	3	57.0002
1676	30.5401	130.06	0	18.8472	26.7496	4	58.7279
1677	28.6301	125.24	0	18.5311	26.316	3	53.9664
1678	27.5462	124.196	0	18.0799	25.9284	3	51.1774
1680	29.2061	125.382	0	18.6759	26.5837	3	55.4085
1681	29.7198	129.276	0	19.0961	27.5319	4	57.4309
1682	30.5535	128.286	1	18.8571	27.0666	4	57.8889

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1683	29.6459	126.427	0	18.8724	27.3447	4	56.0352
1684	30.1498	127.657	0	19.0702	27.2573	3	57.7963
1685	28.8657	126.726	0	18.7233	26.9662	3	54.391
1686	29.867	127.169	1	18.6669	26.9661	3	56.8645
1687	33.1959	133.09	1	19.5966	28.3834	4	68.0696
1688	27.9341	128.605	1	18.3717	26.8185	3	51.8111
1689	27.261	125.912	1	18.8008	26.7619	3	50.6615
1690	29.5192	127.771	0	18.5134	26.5271	3	56.1869
1691	29.252	128.24	0	18.6471	26.5673	4	54.8235
1692	35.4351	144.101	1	21.6656	31.3731	6	70.929
1693	30.1447	129.439	1	19.1846	27.6483	3	57.4118
1694	28.9986	127.471	0	18.5394	26.515	3	54.08
1695	28.5154	128.619	1	18.5276	26.7232	3	53.3552
1696	32.724	132.818	0	19.4831	28.237	4	65.8294
1697	31.2604	132.966	1	19.3294	27.9555	3	59.2822
1698	29.2304	127.072	0	18.4822	26.3542	3	55.6128
1699	29.5939	128.743	0	18.6422	26.5576	3	56.1368
1700	29.2498	128.559	0	18.5632	26.4435	3	55.4517
1701	28.3913	126.973	0	18.3374	26.2959	3	53.2062
1702	29.7506	127.444	0	18.6928	26.6431	4	56.6694
1703	28.5609	129.402	0	18.1723	25.991	4	53.4739
1704	28.9119	131.638	0	18.3447	26.32	4	54.0608
1705	34.3481	136.125	0	20.5263	29.7645	4	72.0266
1706	30.3999	130.339	0	18.5818	26.7869	3	59.2471
1708	29.9329	128.584	0	18.5539	26.2897	4	57.6535
1709	29.9572	129.446	0	18.4442	26.3759	3	57.8589
1710	31.7773	131.211	0	19.3923	27.6846	4	63.0375
1711	25.6965	122.74	0	17.4749	25.3516	3	47.1014
1712	27.8875	125.602	1	18.1308	26.4374	3	52.3602
1713	28.1528	127.857	1	18.516	26.524	3	52.5254
1714	27.9652	127.593	1	18.4294	26.2987	3	51.9664
1715	29.1108	127.866	0	18.4908	26.5725	3	54.6571
1716	28.9525	126.372	0	18.2968	26.4042	3	55.4038
1717	30.1423	127.243	0	18.7789	26.9285	4	57.3043
1718	27.5288	126.556	1	18.501	26.4306	3	51.0703
1719	27.4749	125.056	0	18.2883	26.1753	3	51.782
1720	25.3454	123.176	0	17.4176	25.1515	3	46.5956
1721	28.2329	125.924	0	18.5247	26.3141	3	53.4459
1722	42.3142	199.28	18	24.6756	37.5319	11	105.281
1723	27.7778	124.292	0	18.0526	25.742	3	51.6895
1724	30.6894	130.524	0	18.8663	26.9746	3	59.1427
1725	31.1278	133.966	1	19.2483	28.303	3	62.7632
1726	43.1685	162.927	1	24.1889	35.8679	11	99.759
1727	32.9927	153.077	1	20.5711	31.1833	6	65.9867

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1728	41.7675	184.314	9	25.6049	39.1143	18	93.2744
1729	30.75	144.467	0	19.402	28.8322	4	59.5224
1730	33.1449	143.151	0	20.696	30.7066	6	66.4055
1731	31.7071	145.223	2	19.8236	30.0309	4	62.6528
1732	33.4771	153.578	1	20.505	30.738	6	66.5414
1733	29.5014	142.483	0	18.7656	28.0103	4	56.2484
1734	35.5547	158.265	1	21.0799	31.9983	6	73.6871
1735	32.3673	152.794	1	19.5994	29.7094	4	64.8263
1736	32.0338	157.349	1	19.9926	29.296	4	69.4256
1737	30.8573	139.168	0	19.1526	28.2435	3	59.6007
1738	32.22	143.501	0	19.8787	29.494	4	63.1289
1739	33.7205	143.272	1	20.3784	30.2041	4	66.3668
1740	35.1274	155.788	2	21.2227	31.5413	4	70.4415
1741	36.9711	153.803	1	20.8391	31.5944	6	78.7443
1742	32.3757	138.905	0	19.3819	28.2576	4	63.7846
1743	34.856	145.743	1	19.8949	28.644	4	71.4016
1744	34.3496	142.474	0	19.6373	28.0912	4	69.7339
1745	32.1064	134.538	0	19.5167	28.3135	3	64.5247
1746	34.7248	148.615	1	20.3786	30.2163	4	71.5033
1747	36.2466	148.475	2	20.841	30.4947	4	74.5342
1748	32.2063	144.667	1	19.3132	28.0186	4	63.2102
1749	40.5925	152.491	1	21.7702	33.3716	6	93.7374
1750	33.508	140.537	0	19.6206	29.263	4	68.5167
1751	34.6296	141.746	0	20.6455	30.4219	4	73.1852
1752	30.3557	133.453	0	18.8759	27.0968	4	58.7948
1753	34.4203	154.159	1	21.0126	30.8333	6	75.5644
1754	33.5196	145.605	1	20.1948	30.0041	4	69.9647
1755	31.2334	143.353	1	19.427	28.9441	4	62.4221
1756	36.8104	153.877	1	21.2976	30.9511	6	88.6497
1757	30.4116	145.304	1	19.5093	29.2198	4	61.122
1758	31.1189	142.398	0	19.8872	29.7633	4	61.823
1759	27.6656	150.201	1	18.6146	27.1871	3	53.2066
1760	32.1141	139.588	0	19.2188	27.9092	4	63.6146
1761	33.726	159.15	1	20.831	32.3995	6	68.8068
1762	32.1263	158.81	1	19.7296	29.9421	4	68.6687
1763	43.8231	160.266	2	26.1696	39.4907	8	98.8491
1764	29.9475	151.513	1	19.2997	28.6492	4	59.1202
1765	32.8394	158.213	1	20.4839	31.3045	6	66.0266
1766	32.6331	164.035	2	21.4116	32.722	10	67.4895
1767	30.958	154.557	1	20.072	29.7392	3	61.2011
1768	31.8814	154.583	1	21.0261	31.3739	3	65.2996
1769	31.3014	159.571	1	20.599	30.8924	6	63.9449
1770	32.9664	166.393	2	21.4039	32.6566	10	68.2064
1771	32.9386	160.971	2	20.6318	31.2618	4	68.043

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1772	39.1172	196.212	16	23.592	38.3456	12	83.7745
1773	35.6936	152.427	3	21.3531	32.165	4	71.7765
1774	40.5194	184.938	12	23.8442	37.0921	12	90.7336
1775	39.6565	198.408	16	24.5434	40.9385	16	87.142
1776	37.0287	187.85	8	22.739	37.0422	12	78.258
1777	42.824	165.897	5	24.5844	37.4894	8	93.4061
1778	39.5124	194.796	16	24.4362	39.2975	13	86.1749
1779	34.6869	151.936	1	20.7856	31.3092	4	72.0199
1780	35.7951	151.449	2	21.7315	32.2705	6	76.8727
1781	27.8298	151.53	1	19.2704	28.0914	4	54.4472
1782	25.93	146.572	0	19.0427	27.2309	4	48.9276
1783	25.952	146.535	0	19.1478	27.4229	4	49.0245
1784	26.8663	147.3	1	18.2754	26.5348	3	50.5318
1785	27.0095	147.779	1	18.0469	26.7254	3	51.205
1786	26.1439	147.101	0	18.3815	26.5456	3	49.4062
1787	26.2224	147.303	0	18.3471	26.4503	3	49.5195
1788	26.2191	147.325	0	18.2291	26.3358	3	49.5276
1789	41.4122	167.887	3	23.1832	35.4183	8	94.1278
1790	35.7359	157.134	2	20.6339	30.7414	4	74.0578
1791	42.6037	175.091	5	22.6081	34.7623	7	99.9544
1792	35.3526	153.702	1	20.7258	30.5845	4	72.1505
1793	35.3299	148.356	2	20.603	30.0013	4	72.1551
1794	36.8035	148.829	2	21.3454	31.6874	4	76.1459
1795	43.6659	172.145	4	23.5096	34.9904	7	97.1635
1796	32.9477	167.291	3	20.7632	32.6348	7	66.5293
1797	42.9091	185.139	9	26.4132	40.306	20	97.0839
1798	38.6177	154.2	3	23.2649	34.9451	7	81.6368
1799	36.962	167.968	2	22.7823	35.11	11	78.0608
1800	33.2659	144.647	1	20.222	30.0434	3	65.2692
1801	34.464	150.692	1	21.4058	32.672	6	70.4669
1802	36.3207	152.161	2	21.8708	32.8343	6	74.228
1803	47.3468	171.029	5	28.1944	43.3742	18	110.8
1804	48.0908	172.429	5	28.6016	43.7462	18	113.13
1805	36.2629	157.848	2	21.1124	31.7684	4	76.8988
1806	42.0605	159.955	2	22.2112	33.5969	6	96.1357
1807	38.8185	167.637	4	21.3288	31.6378	7	85.4987
1808	36.8685	142.18	0	20.9583	30.8253	4	78.3068
1809	41.4381	174.57	9	22.3351	33.951	8	94.8051
1810	31.7125	134.515	0	19.5968	28.6252	4	62.6172
1811	31.7451	147.992	1	19.5565	28.0784	4	60.7554
1812	32.0727	148.945	1	19.6625	28.5138	4	61.6081
1813	41.8247	184.567	9	25.6394	39.1563	18	93.4583
1814	48.9651	172.238	3	23.9184	35.203	7	119.822
1815	32.6752	138.987	1	17.9677	26.5963	3	72.1033

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
1816	31.4698	138.428	1	18.0072	26.4795	3	66.543
1817	30.3383	136.915	1	17.8636	26.1399	3	61.9965
1818	32.1652	136.727	1	17.692	26.0901	3	70.4748
1819	31.8408	136.768	1	17.6831	26.2168	3	68.3142
1820	28.4527	135.278	1	17.6232	26.4597	3	55.0601
1821	29.6359	132.735	1	17.1543	25.5233	3	59.735
1822	27.0646	134.499	1	16.8207	24.2887	3	56.6179
1823	29.6634	135.679	1	16.9795	24.6981	3	64.0087
1824	27.3932	135.781	1	17.667	26.5096	3	51.4555
1825	32.2623	137.358	1	18.172	27.9727	3	69.0841
1826	32.048	136.773	1	17.844	26.4107	3	69.036
1827	32.3031	138.279	1	17.9616	26.6199	3	70.0229
2001	29.9819	141.142	0	19.0888	28.4341	4	59.3885
2002	45.7236	183.116	4	27.0836	40.039	20	104.489
2003	24.2986	144.407	1	17.3466	25.9614	3	45.5496
2004	38.1812	139.618	0	19.807	28.9285	4	86.0324
2005	27.3886	135.784	1	17.6648	26.5084	3	51.4411
2006	37.3571	141.486	1	19.9223	28.6504	4	80.4543
2007	30.7927	128.58	0	19.4892	27.673	3	59.8147
2008	33.9858	153.833	2	20.2999	30.748	4	68.8783
2009	40.4986	178.374	5	24.8402	38.1874	14	89.1859
2010	34.7876	166.514	4	20.619	31.3544	7	77.5798
2011	34.8081	139.551	1	19.4962	28.2312	3	76.5667
2012	27.049	126.236	1	18.4357	26.3022	3	50.0144
2013	30.1183	142.857	1	18.6609	27.9732	4	58.691
2014	36.4977	153.142	2	22.6475	34.5721	9	76.4936
2015	27.0131	141.472	1	18.1535	26.8112	4	51.8968
2016	29.391	145.305	1	18.0501	26.2892	4	60.0064
2017	33.9739	153.839	2	20.2951	30.7299	4	68.8576
2018	40.81	179.872	5	25.0273	38.4359	14	90.1875
2019	25.8633	124.369	0	17.8144	25.6374	3	49.3495
2020	37.3193	141.382	1	19.8912	28.6216	4	80.3042
2022	39.7219	141.895	0	20.0441	29.4652	4	94.0367
2023	42.854	157.109	2	21.7143	32.3702	4	102.742
2024	30.8582	130.873	0	18.8274	26.7913	3	59.0091
2025	29.9041	128.764	0	18.5651	26.3162	3	56.7927
2026	28.9981	131.046	1	18.2137	26.9237	3	55.1112
2027	30.2449	142.162	1	19.0043	27.415	4	58.6811
2028	24.2483	131.867	1	16.8761	25.4378	3	44.5771
2029	36.6936	140.414	0	20.375	29.913	4	79.6298
2030	41.599	172.401	3	25.6365	38.8037	14	91.5454
2031	32.1573	138.016	1	19.4907	28.1056	4	63.1137
2032	38.8795	160.662	3	23.0721	35.9391	7	89.3825
2033	39.0846	150.853	1	21.9749	33.3102	6	89.4555

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
2034	39.6255	145.569	2	20.2076	29.7566	4	93.4283
2035	58.0945	203.033	21	23.4876	34.9861	7	212.562
2036	28.5925	136.208	1	18.2018	26.2509	4	56.1644
2037	29.1095	137.806	1	18.61	27.8036	4	57.5681
2038	37.5133	167.219	5	22.5353	33.9416	8	84.9585
2039	31.7153	145.943	1	19.5293	29.5721	4	62.8415
2040	30.1572	136.389	1	18.4061	27.4064	3	59.3248
2041	37.3188	138.857	1	20.3524	28.6576	3	81.6693
2042	30.6089	131.262	1	18.8699	27.3509	4	59.2875
2042	30.1393	129.585	1	18.6959	26.9809	3	58.2211
2043	28.6575	133.448	1	18.2174	26.0432	3	55.963
2044	34.3881	147.753	1	20.2289	30.1679	4	69.4519
2045	29.2836	128.854	1	18.4657	26.79	3	55.3306
2046	29.6745	135.824	1	18.4105	27.276	4	57.4793
2046	29.6229	134.069	1	18.3904	27.3972	4	57.3198
2047	28.7183	132.115	1	18.077	26.8906	3	54.8925
2048	26.9916	133.441	1	17.5848	26.5003	3	50.7478
2049	25.0867	125.019	1	17.4568	26.1532	3	46.1333
2050	28.2757	134.928	1	18.1666	26.6274	3	52.807
2051	25.3393	132.703	1	17.3235	25.7081	3	47.0359
2052	26.0605	130.414	1	17.4501	25.2739	3	48.2406
2053	26.74	134.084	1	17.5718	26.2972	3	49.8933
2054	26.1744	130.582	1	17.4904	26.2535	3	48.8917
2055	27.0675	133.06	1	17.8411	26.1125	3	51.0259
2056	28.5565	133.524	1	18.1881	26.6996	3	53.8137
2058	27.2197	147.145	0	18.6969	26.6206	3	52.0896
2059	26.5583	147.973	0	18.3664	26.5701	3	50.2113
2060	32.0637	146.281	1	19.3307	28.3422	4	64.3138
2061	32.0271	150.457	1	20.0719	30.5301	6	63.2271
2062	30.7408	137.352	0	18.8798	27.3525	4	58.9377
2063	34.9652	139.503	0	21.6664	31.9796	6	72.4748
2064	27.6109	137.646	0	18.3504	26.7223	4	52.7452
2065	31.0225	133.938	0	19.177	27.5766	4	61.1519
2066	35.6182	156.542	2	20.5977	30.6988	4	73.6927
2067	34.4611	151.905	1	20.9998	31.3313	4	71.1714
2068	38.231	151.215	1	21.2267	32.3635	6	82.6732
2069	37.3383	152.272	1	21.058	31.6537	6	78.4682
2070	37.6208	155.541	2	22.2884	34.1974	7	86.7096
2071	43.9083	164.549	3	26.2145	39.2926	8	99.1732
2072	30.0694	153.746	1	19.6327	28.5086	4	60.0711
2073	43.1774	167.515	5	24.7344	37.6577	8	94.6209
2074	35.716	154.2	1	21.675	32.1529	6	72.4385
2075	38.4194	153.979	1	22.932	34.7897	7	80.2401
2076	33.9119	140.216	0	20.6115	30.9936	6	68.7646

Receptor Point Results							
Receptor Number	NO ₂ average ($\mu\text{g}/\text{m}^3$) ¹	NO ₂ hourly 99.79 percentile value ²	NO ₂ number of exceedances ³	PM ₁₀ average ($\mu\text{g}/\text{m}^3$) ⁴	PM ₁₀ 24 hour 98.08 percentile value ⁵	PM ₁₀ number of exceedances ⁶	NO _x average ($\mu\text{g}/\text{m}^3$) ⁷
2077	32.3937	143.883	0	19.9671	29.6638	4	63.6724
2078	35.6625	159.591	2	21.6781	31.4518	7	82.1825
2079	30.8521	160.676	2	19.5759	29.2477	4	65.852
2080	32.4327	160.713	1	21.161	31.5333	6	68.1133
2081	31.8541	155.865	1	20.2008	29.3187	6	67.4371
2082	31.0882	150.905	1	18.6056	26.7754	4	65.7433
2083	27.7387	148.307	1	18.4979	27.1769	4	54.1903
2084	31.7077	152.536	1	18.7665	26.8696	4	68.258
2085	29.5058	146.981	1	18.2072	26.5943	4	60.1333
2086	37.8236	152.548	2	21.2307	30.4766	4	85.9726
2087	32.0913	163.484	2	20.8057	31.5504	8	68.749
2088	50.4996	204.47	23	23.7144	35.2973	11	129.59
2089	30.543	145.368	1	19.3989	27.1994	4	63.2422
2090	30.0343	150.824	1	19.7318	28.8147	4	59.5025
2091	26.8999	147.8	1	18.3789	27.8172	4	51.556
2092	34.943	156.514	3	21.7694	31.907	6	75.6105
2093	29.7171	155.106	1	19.038	27.0335	4	61.8193

Notes
¹ NO ₂ annual average value ($\mu\text{g}/\text{m}^3$)
² NO ₂ hourly value ($\mu\text{g}/\text{m}^3$) that is exceeded 18 times a year
³ Number of times per annum the hourly NO ₂ mean exceeds 200 $\mu\text{g}/\text{m}^3$
⁴ PM ₁₀ annual average value ($\mu\text{g}/\text{m}^3$)
⁵ PM ₁₀ daily value ($\mu\text{g}/\text{m}^3$) that is exceeded 7 times a year
⁶ Number of times per annum the 24 hour PM ₁₀ mean exceeds 50 $\mu\text{g}/\text{m}^3$
⁷ NO _x annual average value ($\mu\text{g}/\text{m}^3$)

Appendix 6 Fleet Composition data

Table A6.1 shows a comparison of the

Table A6.1 Fleet Composition Data

2010 and 2016 Fleet Composition Data			
Vehicle Type	Emission Standard	Percentage 2010	Percentage 2016
Petrol Cars	Pre-Euro I	0.35	0.00
	Euro I (Cat OK)	2.49	0.09
	Euro I (Failed Cat)	0.53	0.02
	Euro II (Cat OK)	12.56	1.52
	Euro II (Failed Cat)	2.61	0.32
	Euro III (Cat OK)	39.65	16.20
	Euro III (Failed Cat)	0.50	0.20
	Euro IV (Cat OK)	36.82	28.58
	Euro IV (Failed Cat)	0.44	0.36
	Euro V (Cat OK)	4.03	35.46
	Euro V (Failed Cat)	0.03	0.44
	Euro VI (Cat OK)	0.00	16.65
	Euro VI (Failed Cat)	0.00	0.15
% by engine size	< 1.4	41.28	41.28
	1.4 - 2.0	45.71	45.71
	> 2.0	13.01	13.01
% Petrol Cars	Motorways	56.01	35.06
	Other Roads	65.62	49.25
Diesel Cars	Pre-Euro I	0.08	0.00
	Euro I	1.47	0.03
	Euro II	5.29	0.38
	Euro III	27.14	7.31
	Euro III + particulate trap	5.06	1.53
	Euro IV	43.15	20.15
	Euro IV + particulate trap	10.79	5.04
	Euro V (Cat OK)	6.98	43.85
	Euro V (Failed Cat)	0.04	0.55
	Euro VI (Cat OK)	0.00	20.98
	Euro VI (Failed Cat)	0.00	0.19
	< 1.4	7.72	7.72
	1.4 - 2.0	61.96	61.96
	> 2.0	30.32	30.32
% Diesel Cars	Motorways	43.99	64.94
	Other Roads	34.38	50.75

Petrol LGV	Pre-Euro I	3.55	0.00
	Euro I (Cat OK)	4.90	0.62
	Euro I (Failed Cat)	1.03	0.13
	Euro II (Cat OK)	28.46	7.16
	Euro II (Failed Cat)	5.88	1.51
	Euro III (Cat OK)	26.14	15.29
	Euro III (Failed Cat)	4.55	3.13
	Euro IV (Cat OK)	23.35	23.54
	Euro IV (Failed Cat)	2.14	4.34
	Euro V (Cat OK)	0.00	33.38
	Euro V (Failed Cat)	0.00	3.30
	Euro VI (Cat OK)	0.00	7.45
	Euro VI (Failed Cat)	0.00	0.16
% Petrol LGVs		4.11	2.46
Diesel LGV	Pre-Euro I	0.26	0.00
	Euro I	0.74	0.14
	Euro II	7.38	0.53
	Euro III	27.18	4.43
	Euro IV	64.45	23.34
	Euro V (Cat OK)	0.00	55.88
	Euro V (Failed Cat)	0.00	0.67
	Euro VI (Cat OK)	0.00	14.90
	Euro VI (Failed Cat)	0.00	0.09
% Diesel LGVs		95.89	97.54
Rigid HGVs	Pre-Euro I	0.00	0.00
	Euro I	0.49	0.00
	Euro II	10.41	0.00
	Euro III	41.42	9.93
	Euro IV	25.82	9.73
	Euro V	21.86	32.92
	Euro VI	0.00	47.41
SCR vs EGR	SCR	75.00	75.00
	EGR	25.00	25.00
% Rigid HGVs (of total HGV)	Motorways	52.07	46.93
	Other Roads	78.89	74.20
Artic HGVs	Pre-Euro I	0.00	0.00
	Euro I	0.06	0.00
	Euro II	2.69	0.00
	Euro III	30.69	1.63
	Euro IV	31.57	3.63
	Euro V	35.00	30.76
	Euro VI	0.00	63.98
% Artic HGV(of total HGV)	Motorways	47.93	53.07
	Other Roads	21.11	25.80
Buses	Pre-Euro I	0.97	0.00
	Euro I	1.75	0.10
	Euro II	16.64	4.32
	Euro III	42.98	16.62
	Euro IV	18.76	13.14
	Euro V	18.90	34.58
	Euro VI	0.00	31.24
SCR vs EGR	SCR	75.00	75.00
	EGR	25.00	25.00

Motorcycles (as % of cars)	Motorways Other Roads	0.44 0.72	0.42 0.70
Notes The traffic flows that are input to EMIGMA do not include motorcycles. Motorcycle flows are treated as additional volumes, expressed as a percentage of the input car flows. The Petrol/Diesel splits for cars and LGVs have been obtained from NAEI Reference 7). The Rigid/Articulated HGV percentages are used to convert from assigned OGV flows to Rigid/Artic HGV volumes, by road type.			

Authors	Ian Hull	
Contact	Email	Telephone
Ian Hull	ian.hull@tfgm.com	0161 244 1454

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0.1	Draft		March 2014
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