

## Legend

North Lanarkshire Council Boundary

Drawing Title:  
**Figure 1: North Lanarkshire Council Area**

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Project Reference: NLC.004/Figure1

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North Lanarkshire Council Boundary

- A - Salsburgh
- B - Motherwell Civic Centre
- C - Corus Dalzell Works
- D - Motherwell Cross
- E - Whifflett Cross
- F - Chapelhall Cross

Drawing Title:  
Figure 2: North Lanarkshire  
Overview - Areas of  
Detailed Assessment

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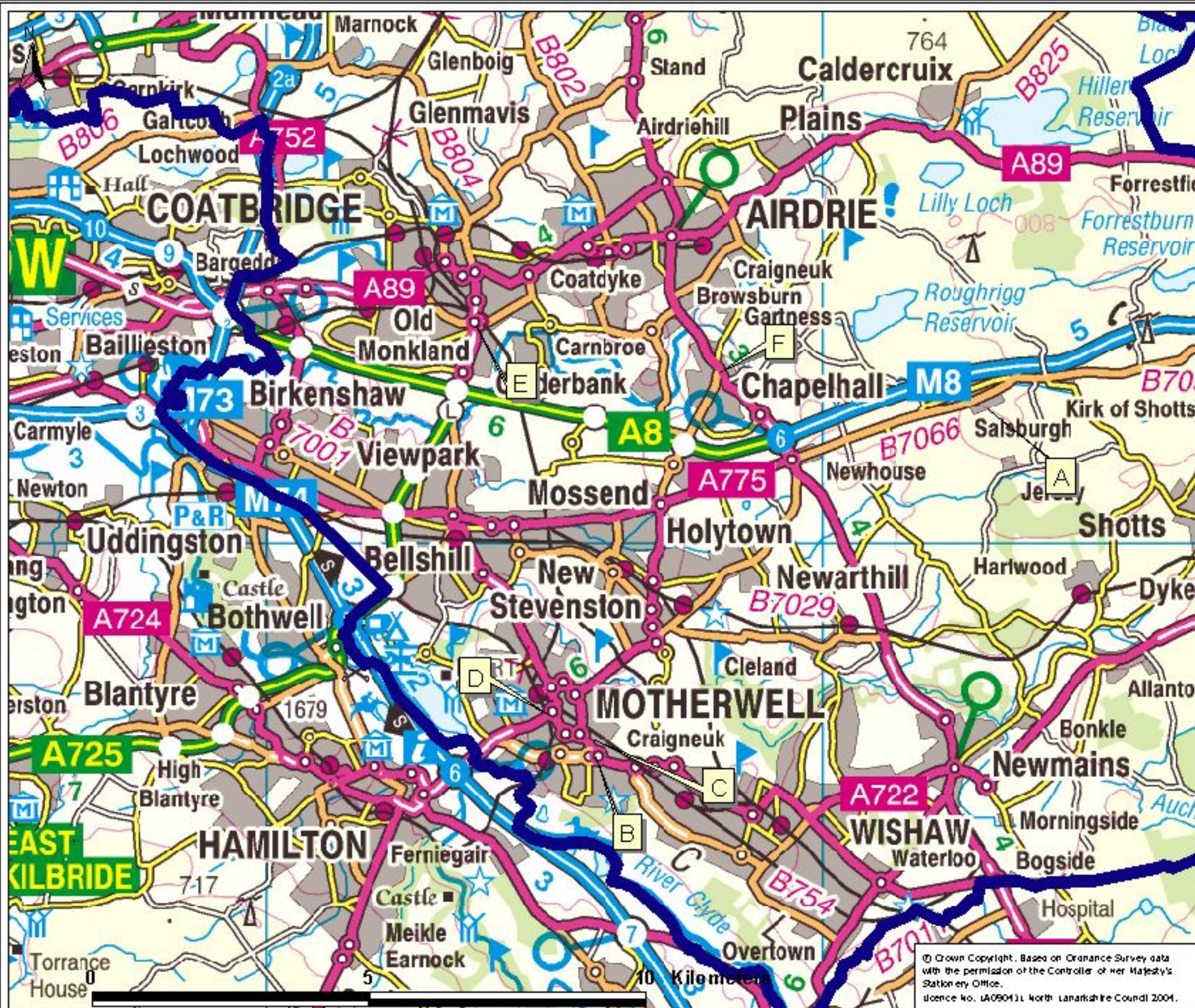
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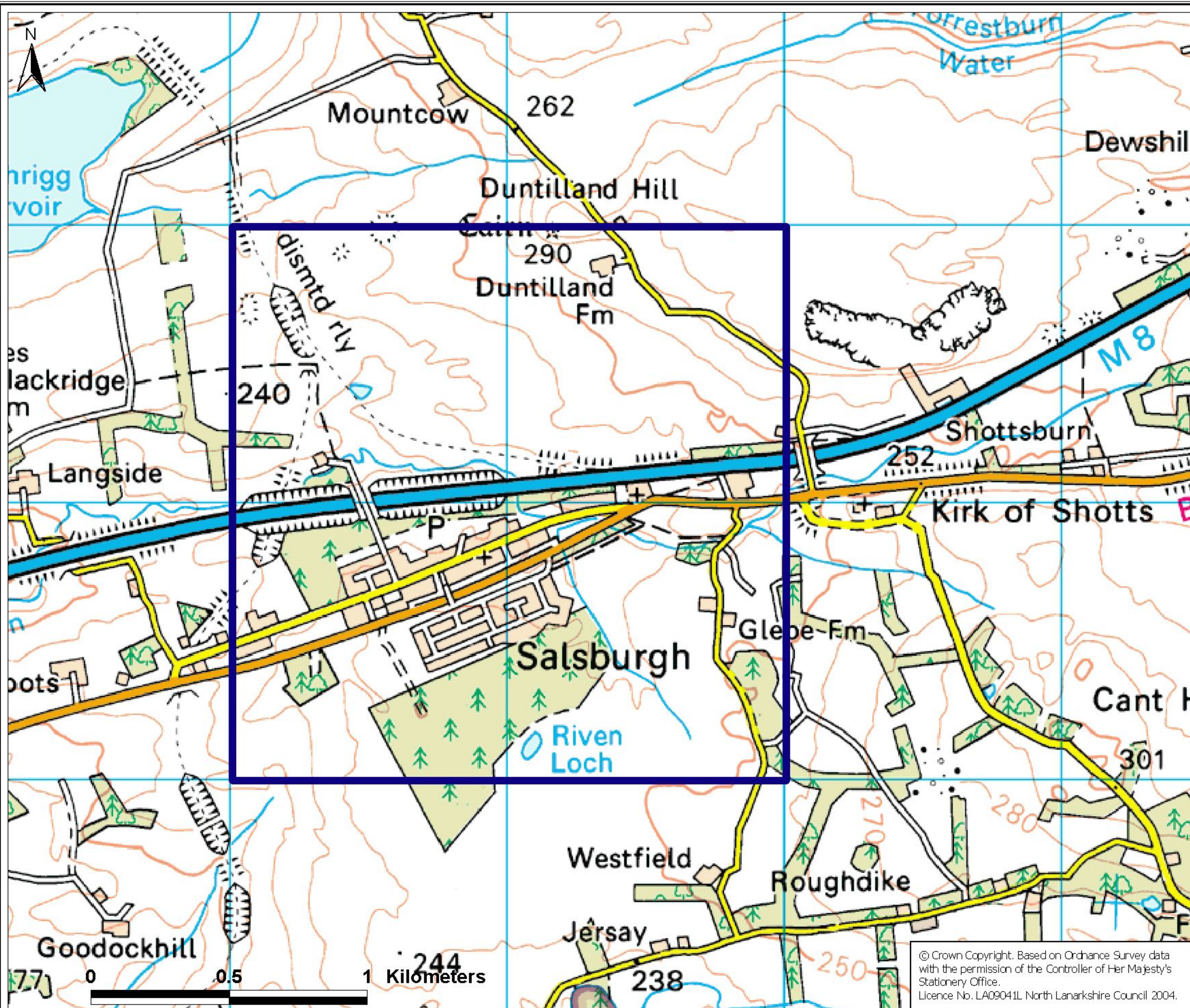
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 Model Calculation Grid

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**Figure 3: Salsburgh Area  
and Model Calculation Grid**

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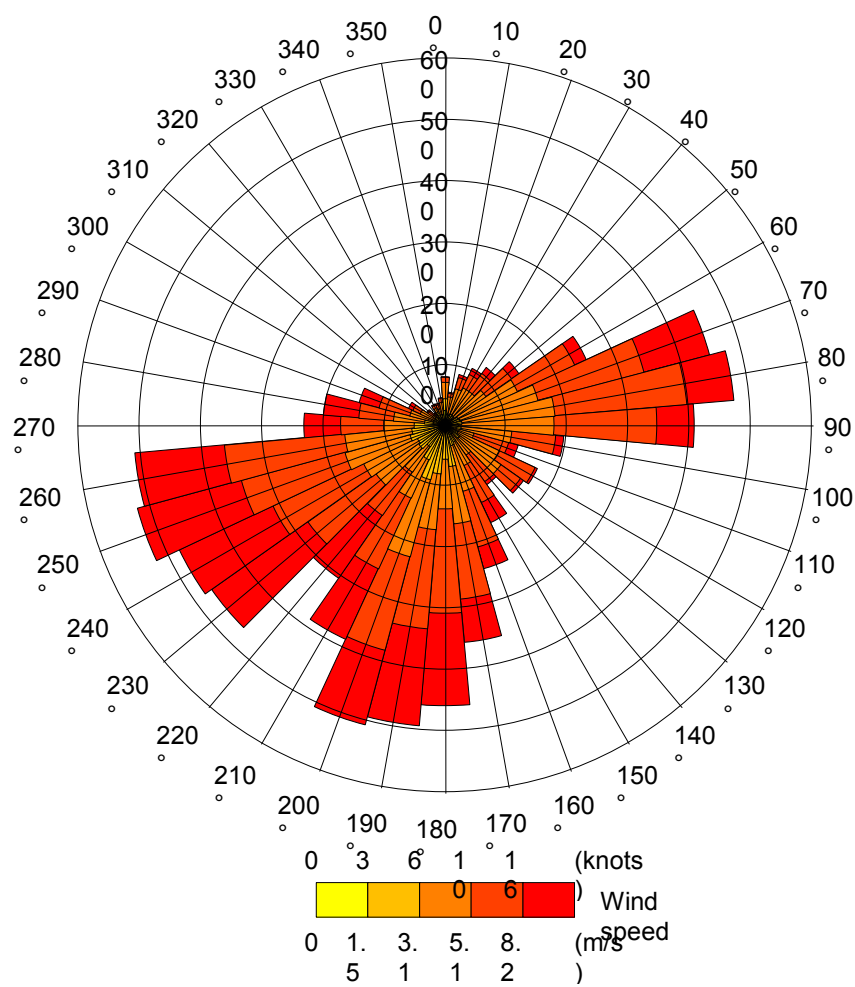


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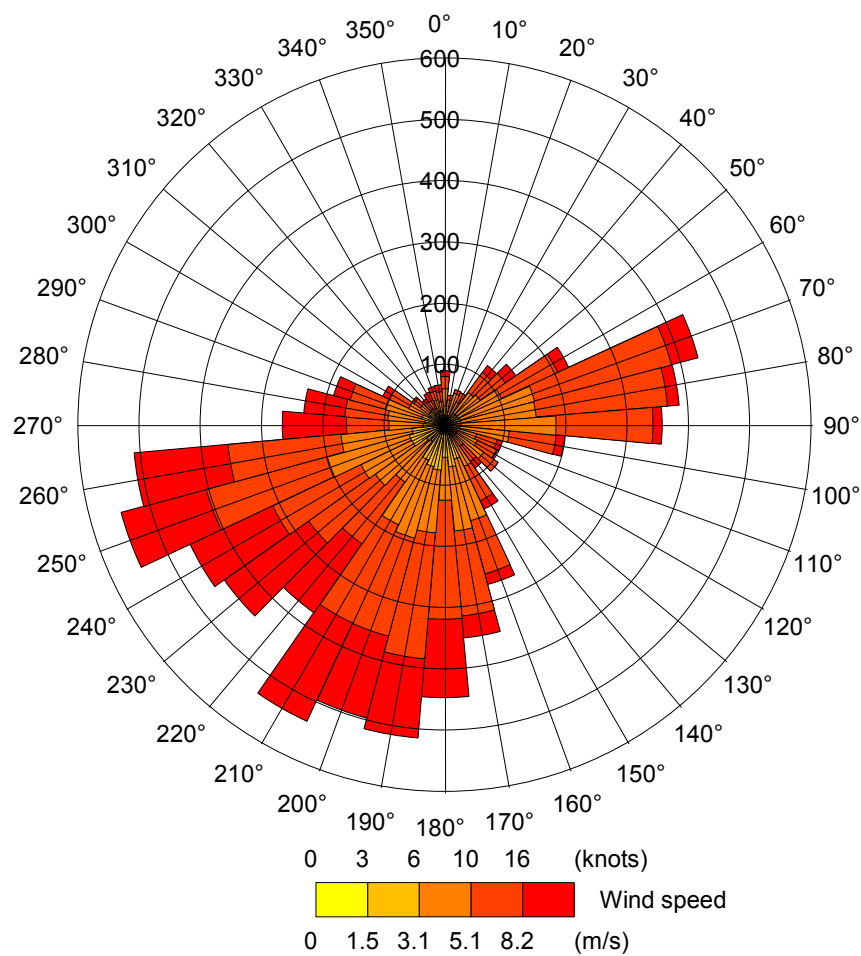


Figure 4: Wind Rose for Salsburgh Meteorological Station for 2002

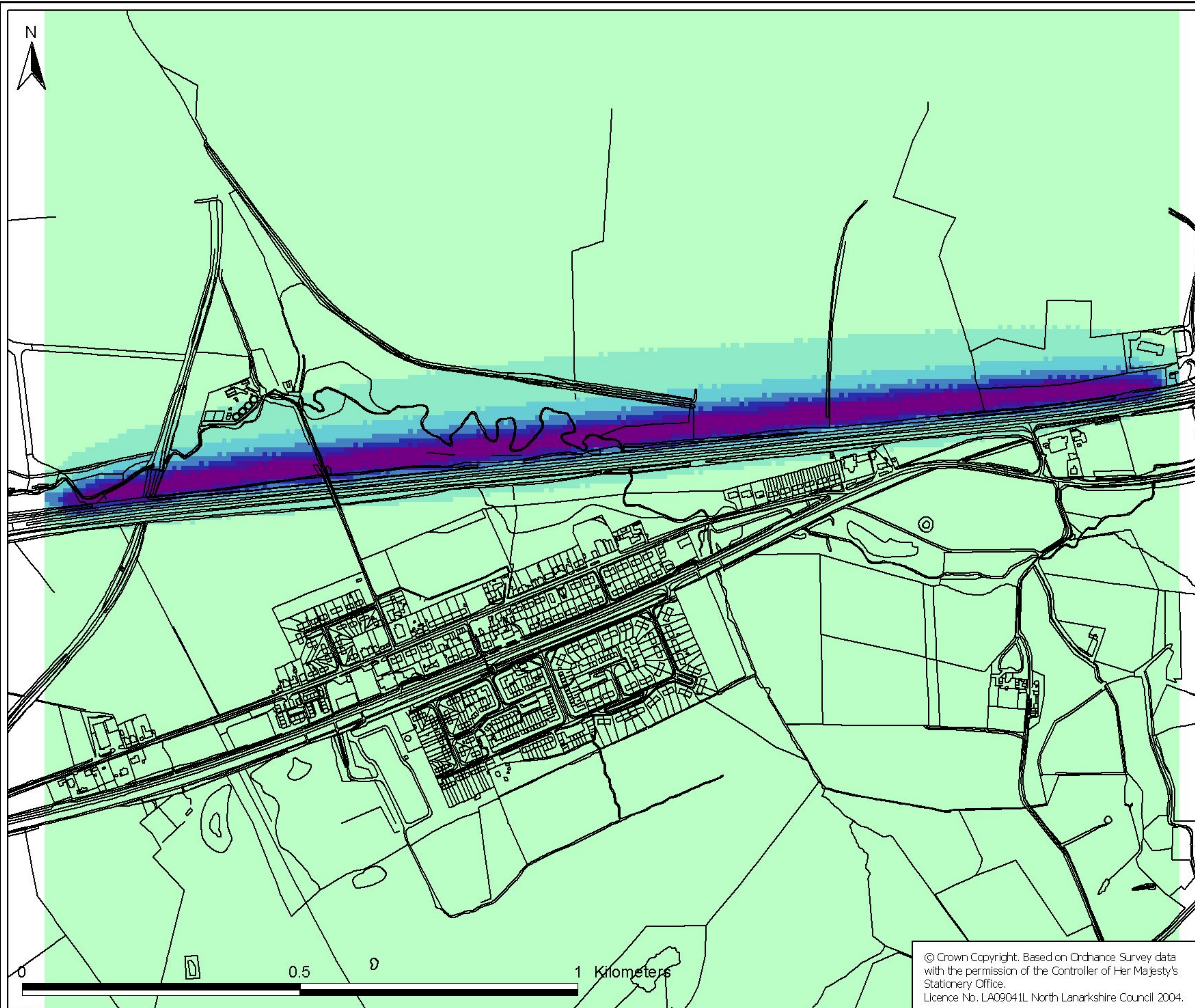




**Figure 5: Wind Rose for Salsburgh Meteorological Station for 2003**



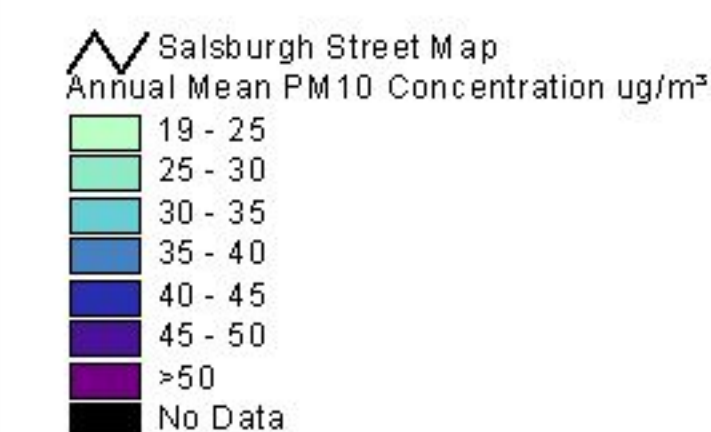




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Drawing Title:

**Figure 6: Predicted Annual Mean  
PM10 Concentrations for 2003.  
M8 Traffic and Domestic Emissions  
in Salsburgh using 2003  
Salsburgh Meteorological Data**

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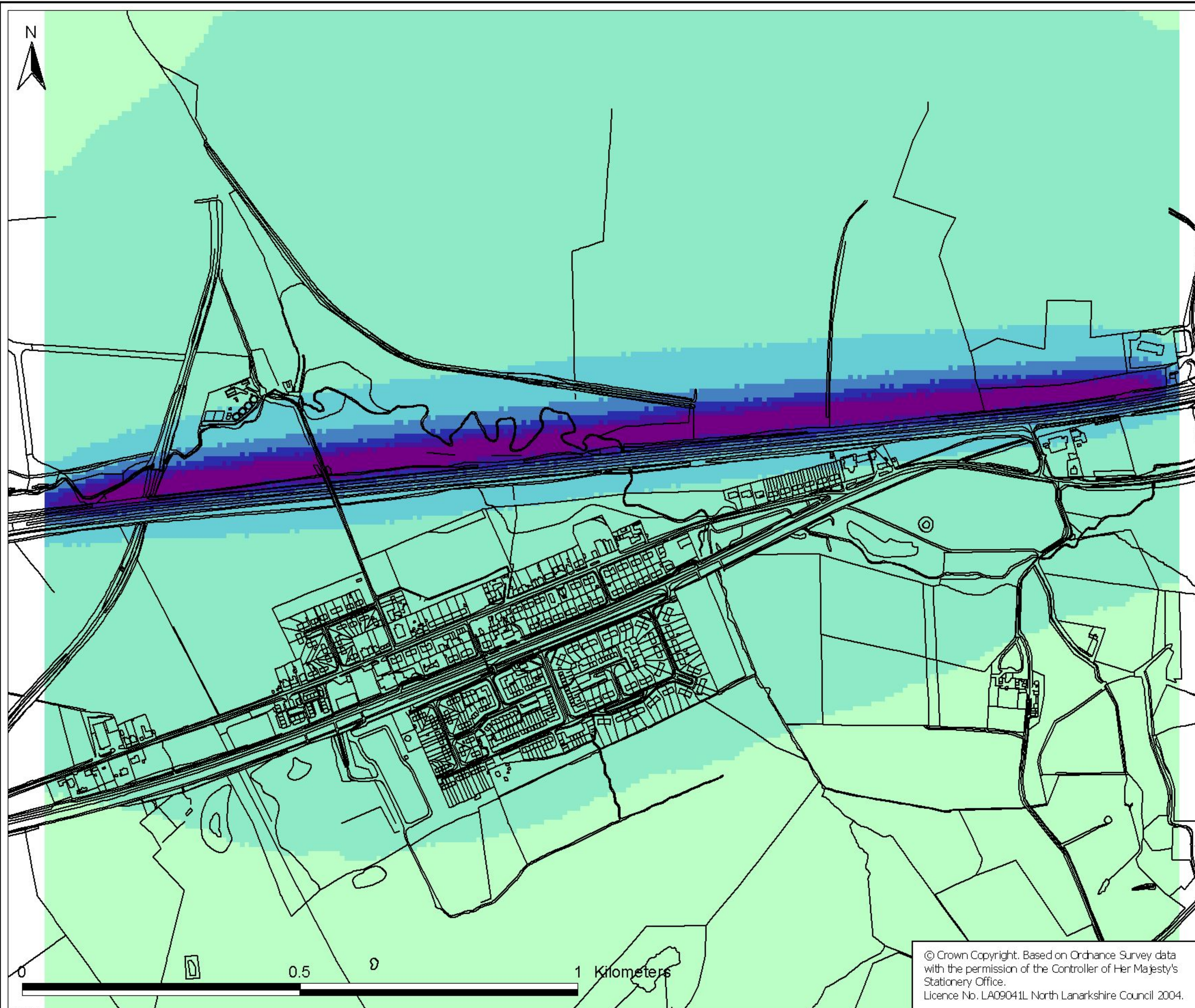
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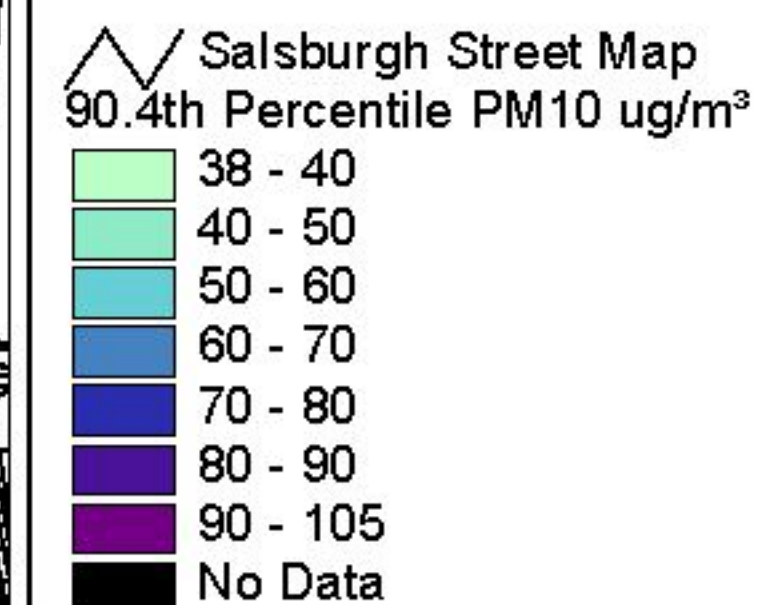




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Drawing Title:

**Figure 7: Predicted 90.4th Percentile of 24-Hour Mean PM10 Concentrations for 2003. M8 Traffic and Domestic Fuel Emissions in Salsburgh using 2003 Salsburgh Meteorological Data**

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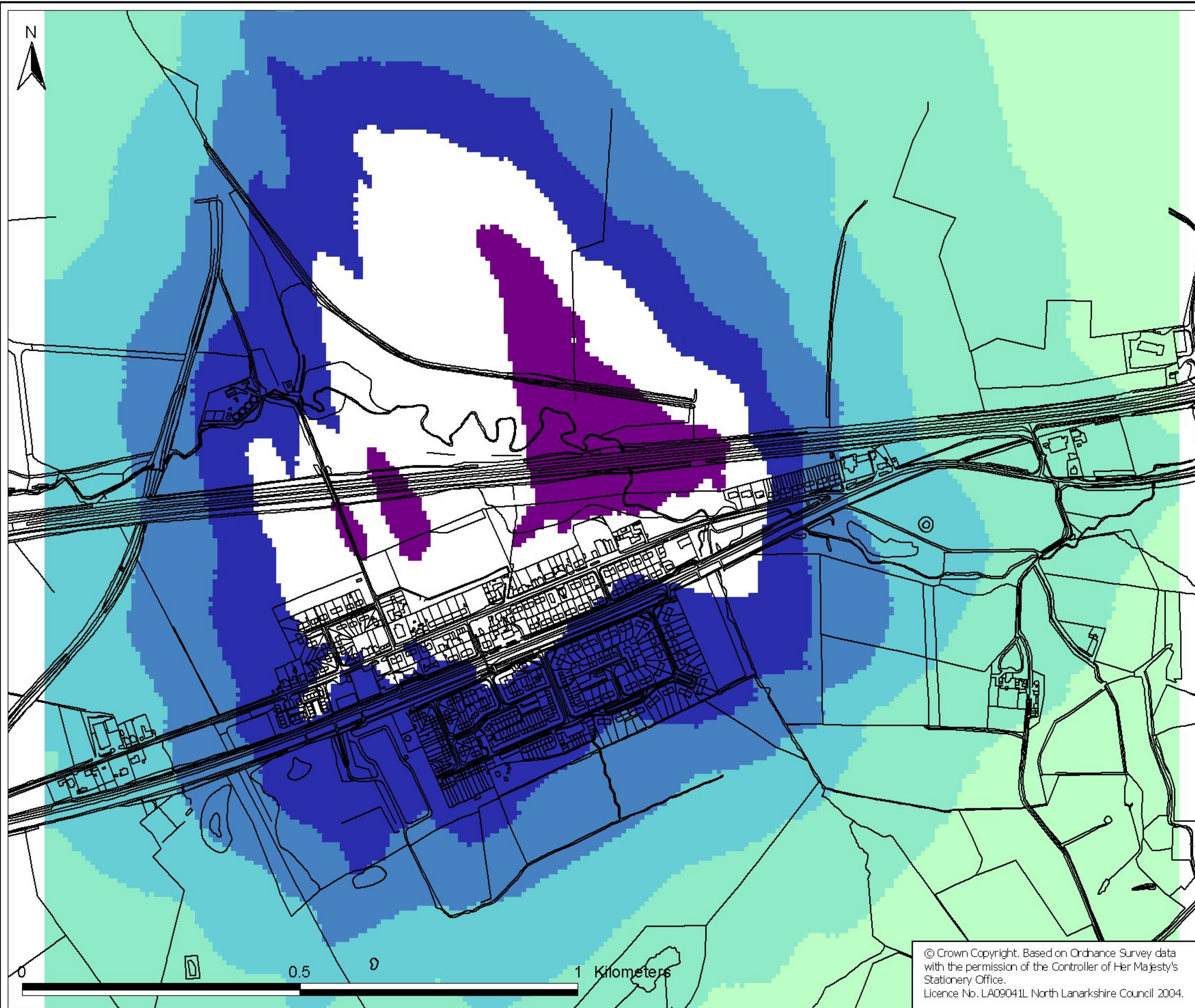
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	Salsburgh Street Map
99.1st Percentile SO <sub>2</sub> ug/m <sup>3</sup> (2003 met data)	
	16 - 17.5
	17.5 - 18.5
	18.5 - 19.5
	19.5 - 20.5
	20.5 - 21.5
	21.5 - 22.5
	22.5 - 23.5
	No Data

Drawing Title:

**Figure 8: Predicted 99.1st Percentile of 24-Hour Mean SO<sub>2</sub> Concentrations for Salsburgh Domestic Fuel Emissions using 2003 Salsburgh Meteorological Data**

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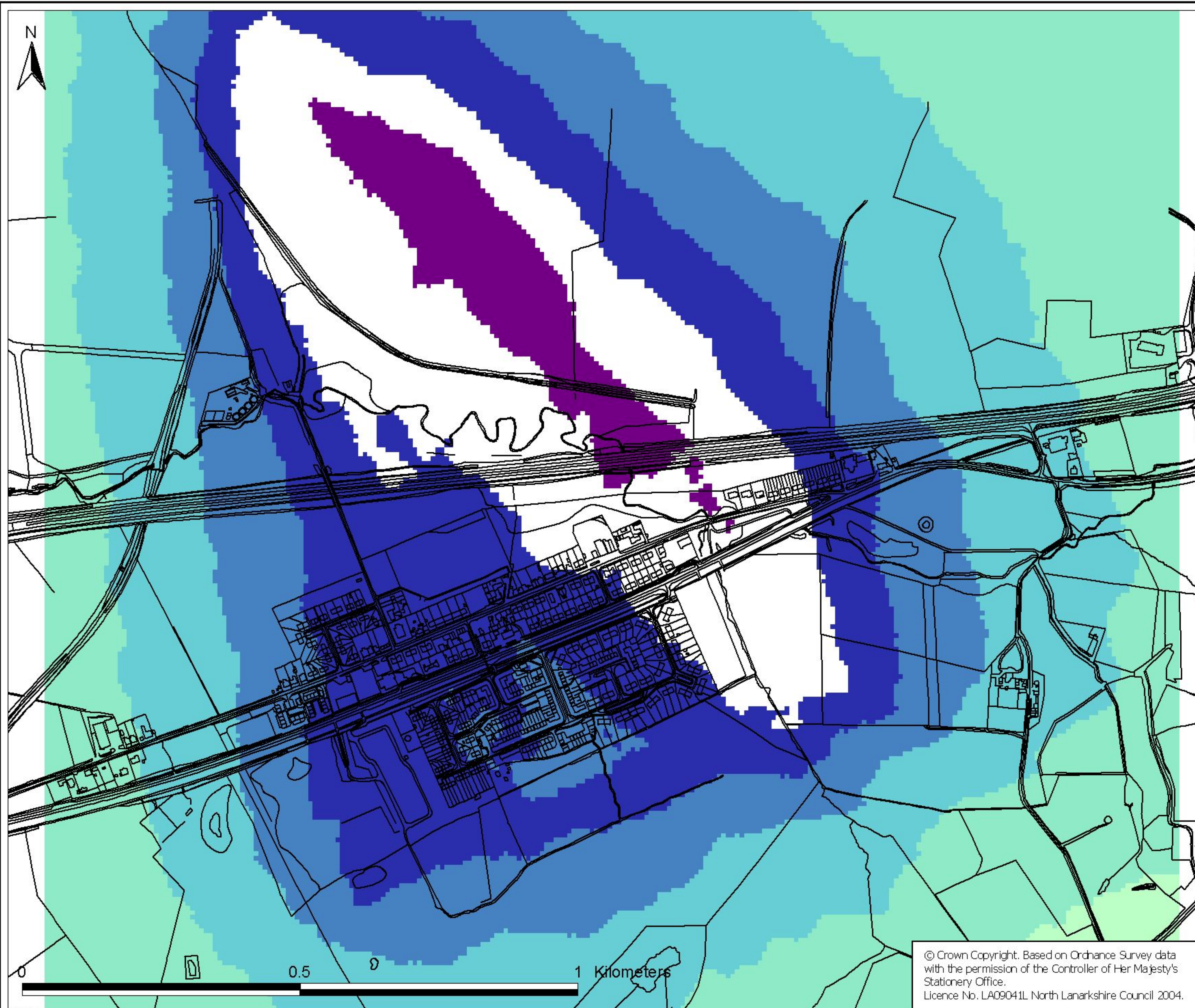
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^ Salsburgh Street Map  
99.7th Percentile SO<sub>2</sub> ug/m<sup>3</sup> (2003 met data)

18 - 20
20 - 22
22 - 24
24 - 26
26 - 28
28 - 30
30 - 32
No Data

Drawing Title:

**Figure 9: Predicted 99.7th Percentile of 1-Hour Mean SO<sub>2</sub> Concentrations for Domestic Fuel Emissions using 2003 Salsburgh Meteorological Data**

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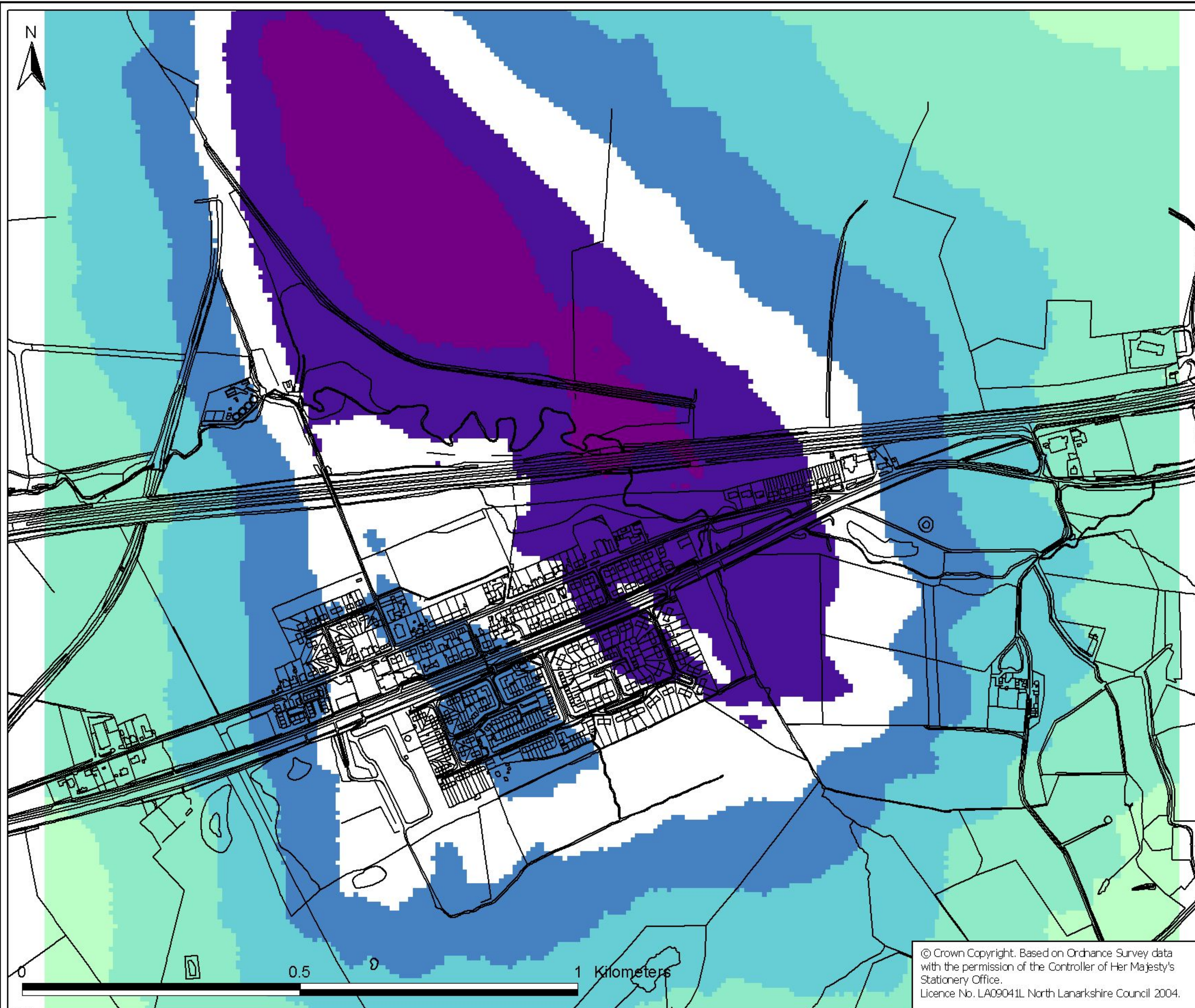
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- ^ Salsburgh Street Map  
99.9th Percentile SO<sub>2</sub> ug/m<sup>3</sup> (2003 met data)
- 20 - 22
  - 22 - 24
  - 24 - 26
  - 26 - 28
  - 28 - 30
  - 30 - 32
  - 32 - 36
  - No Data

Drawing Title:

**Figure 10: Predicted 99.9th Percentile of 15-Minute Mean SO<sub>2</sub> Concentrations for Salsburgh Domestic Fuel Emissions using 2003 Salsburgh Meteorological Data**

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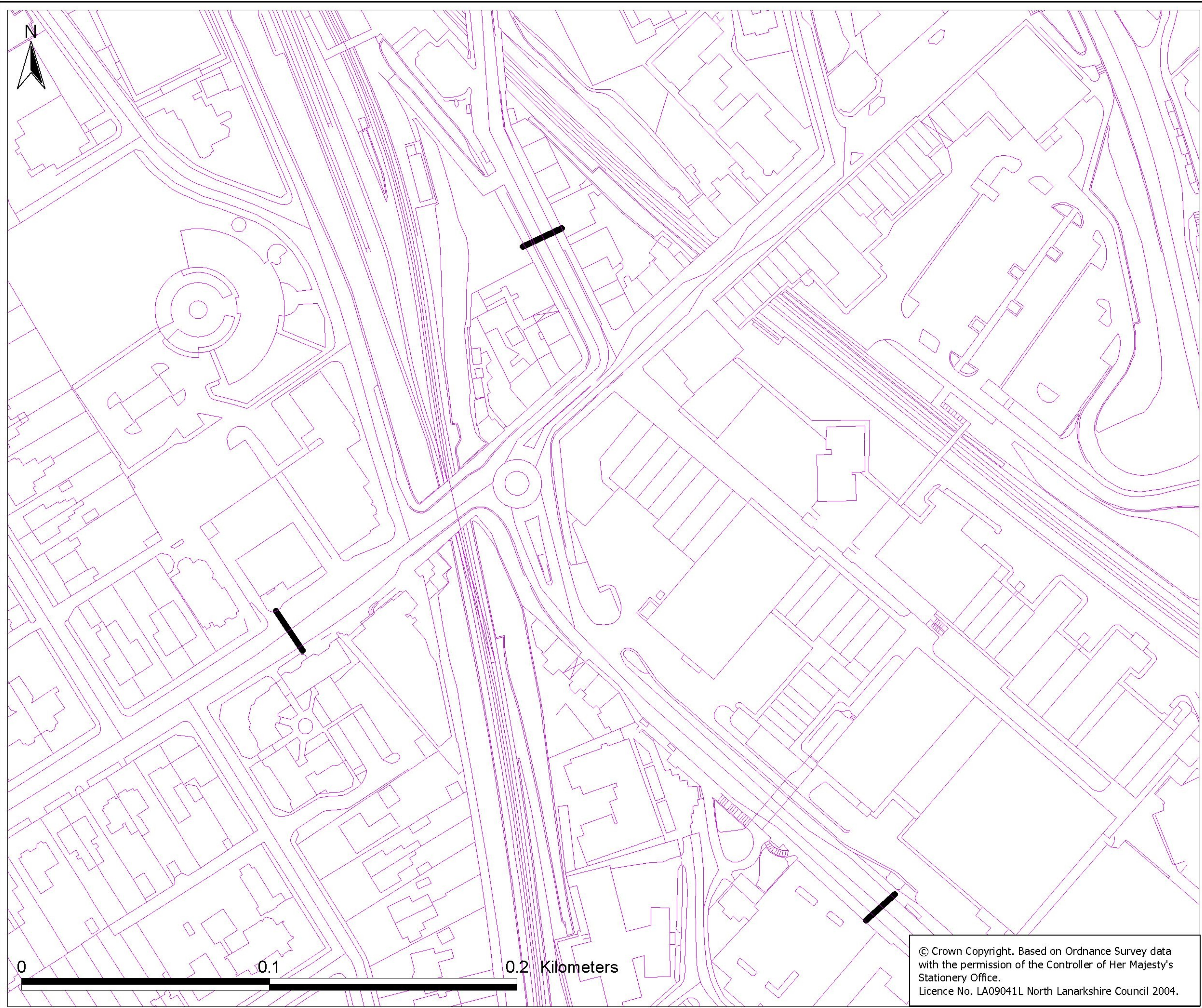
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 Motherwell Street Map  
Traffic Counts

Drawing Title:  
**Figure 11: Motherwell Cross  
Junction and Traffic Count  
Locations**

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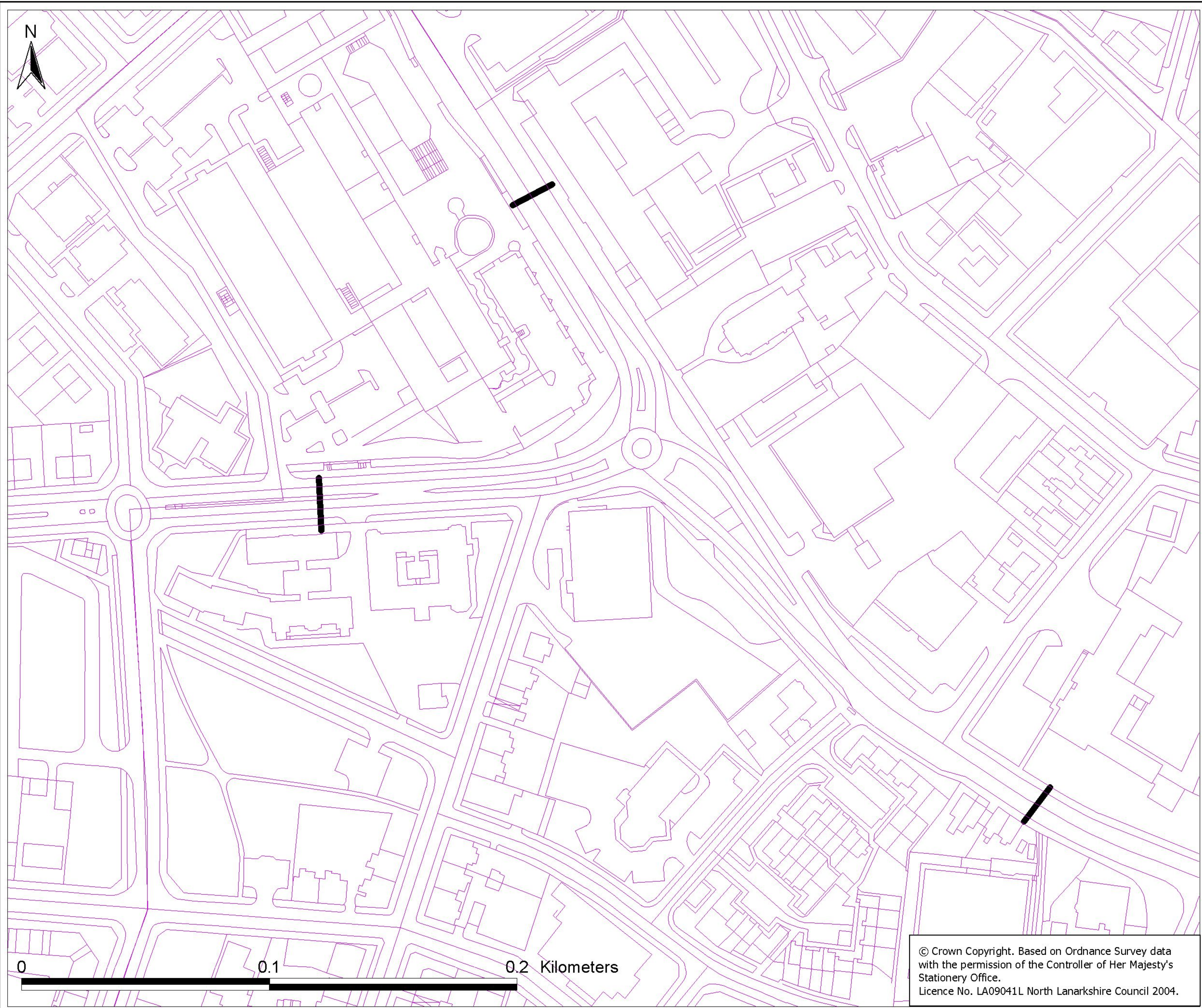
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 Motherwell Street Map  
 Traffic Counts

Drawing Title:  
**Figure 12: Motherwell Civic Centre Junction and Traffic Count Locations**

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Project Reference: NLC.004/Figure12

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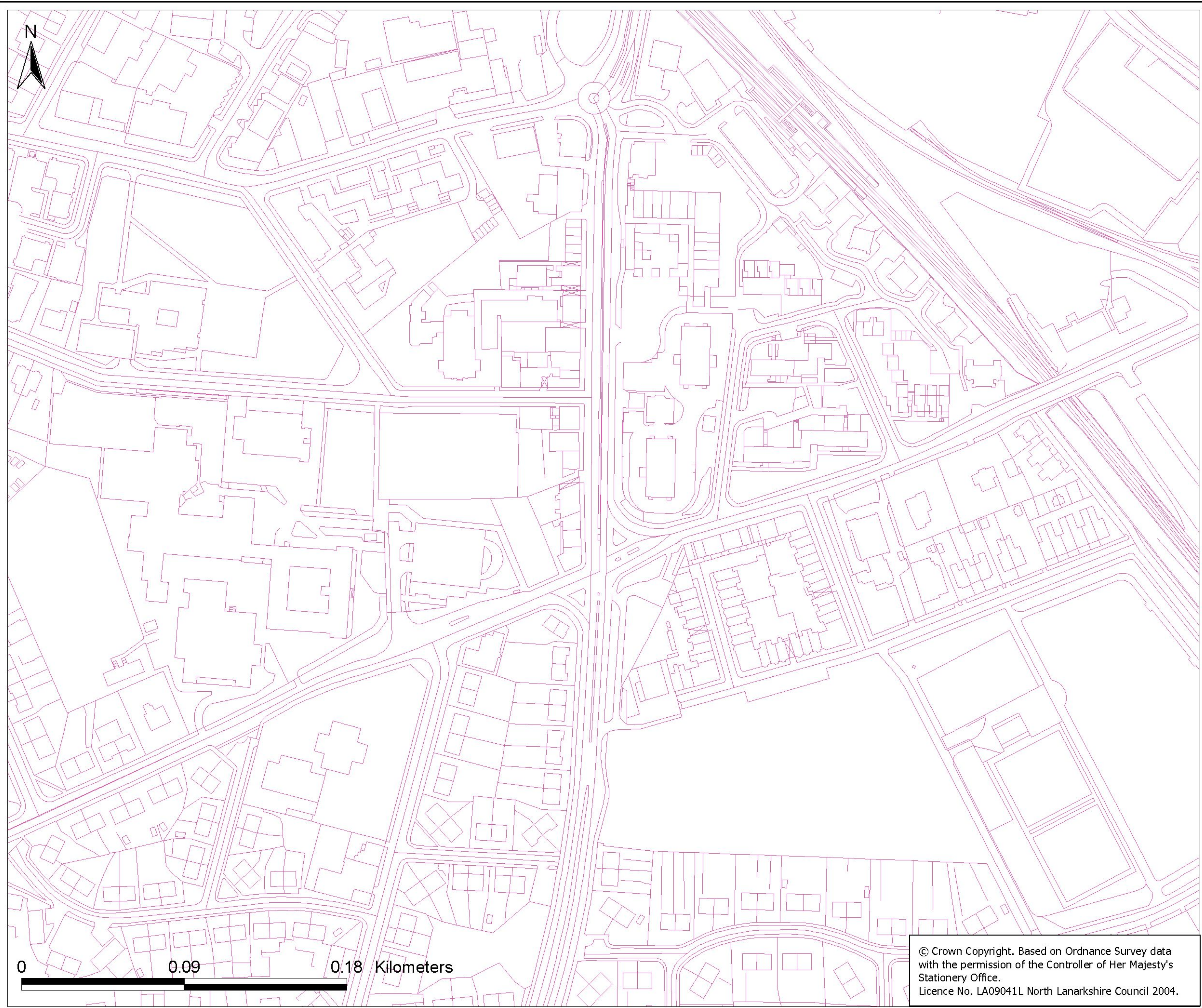
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 Street Map

Drawing Title:  
**Figure 13: Whifflet Junction**

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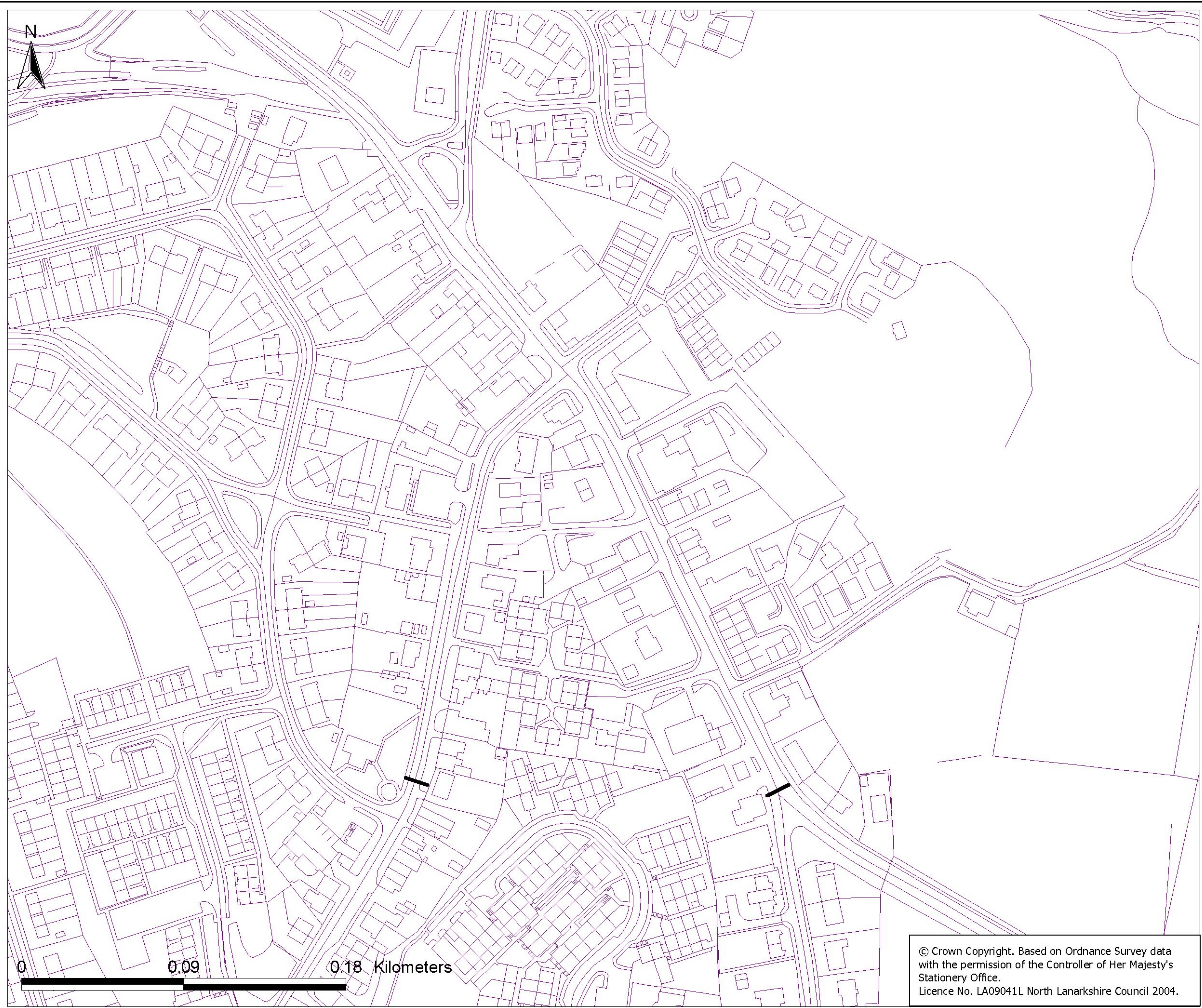
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 Traffic Counts  
Chapelhall Street Map

Drawing Title:  
**Figure 14: Chapelhall Junction  
and Traffic Count Locations**

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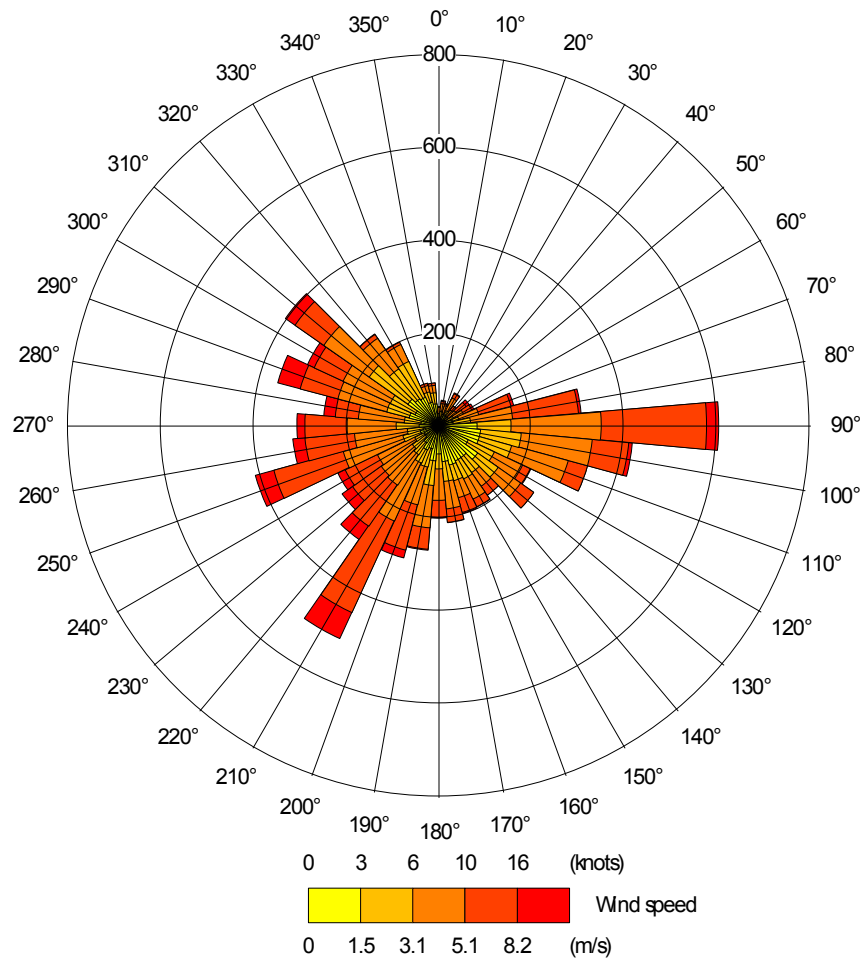


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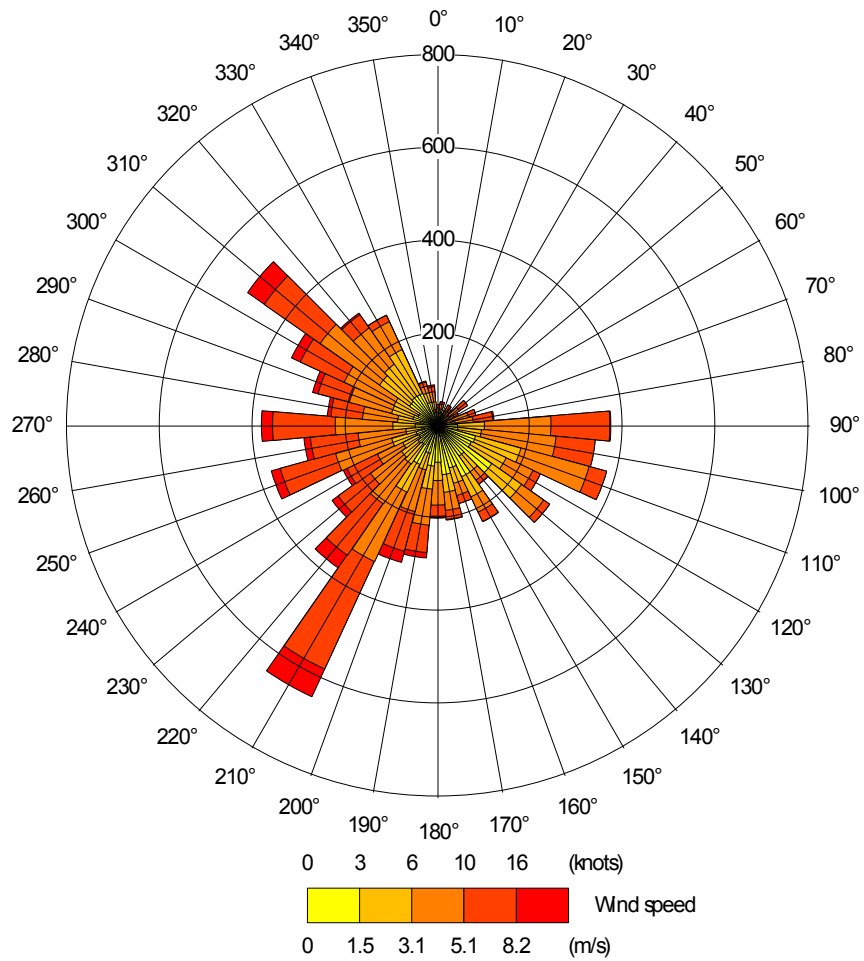


**Figure 15: Wind Rose for Glasgow Bishopton Meteorological Station for 2002**





**Figure 16: Wind Rose for Glasgow Bishopton Meteorological Station for 2003**







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Motherwell Street Map  
Annual Mean PM10 for 2004  $\mu\text{g}/\text{m}^3$

19.0 - 19.2
19.2 - 19.4
19.4 - 19.6
19.6 - 19.8
19.8 - 20.0
20.0 - 20.2
20.2 - 20.5
No Data

Drawing Title:  
**Figure 17: Predicted Annual Mean  
PM10 Concentrations for 2004 at  
Motherwell Cross using 2003  
Glasgow Meteorological Data**

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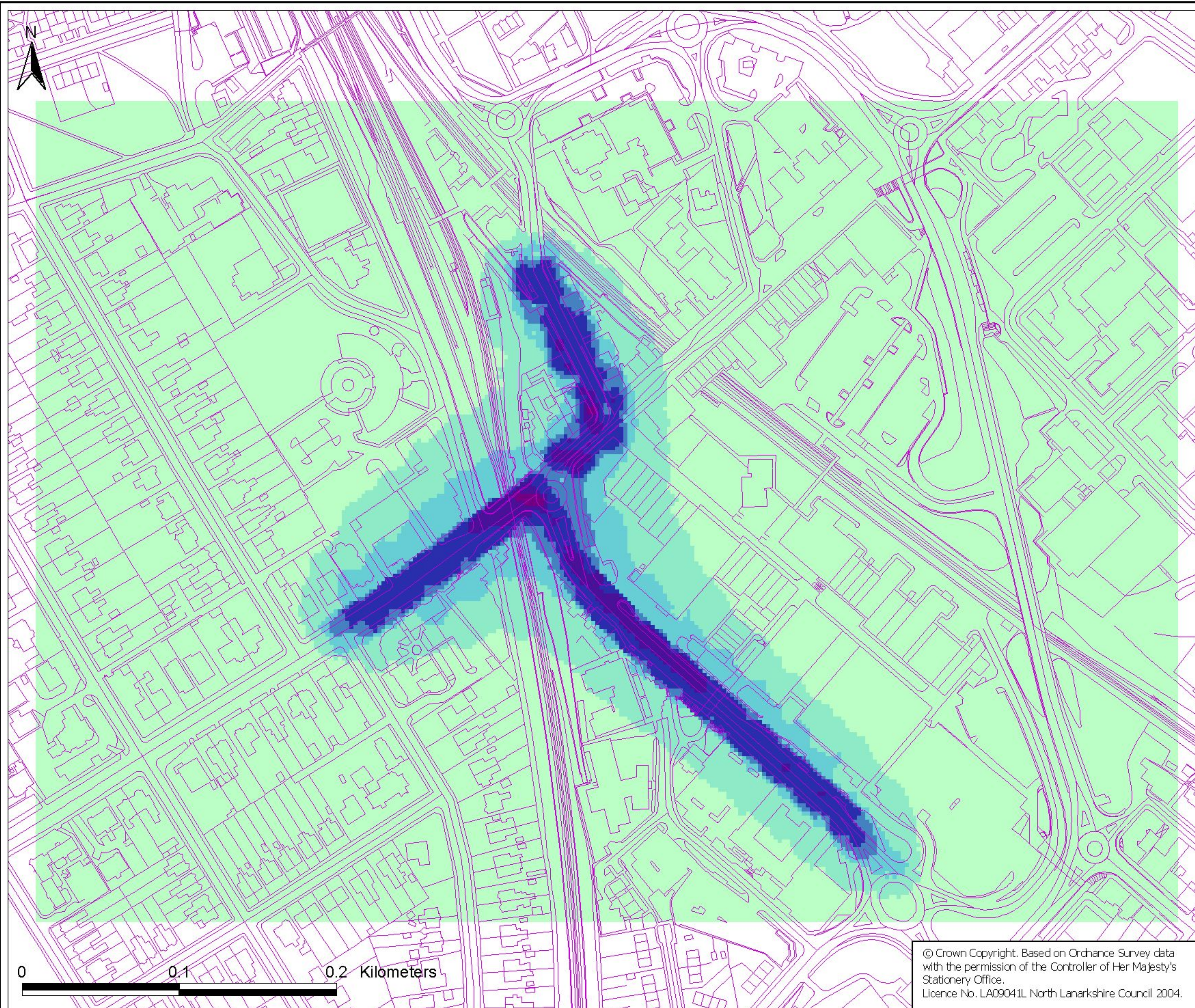
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Motherwell Street Map  
90.4th Percentile PM10 for 2004  $\mu\text{g}/\text{m}^3$

38 - 38.3
38.3 - 38.6
38.6 - 39
39 - 39.4
39.4 - 39.8
39.8 - 40.2
40.2 - 40.6
No Data

Drawing Title:

**Figure 18: Predicted 90.4th  
Percentile of 24-Hour Mean PM10  
Concentrations for 2004 at  
Motherwell Cross using 2003  
Glasgow Meteorological Data**

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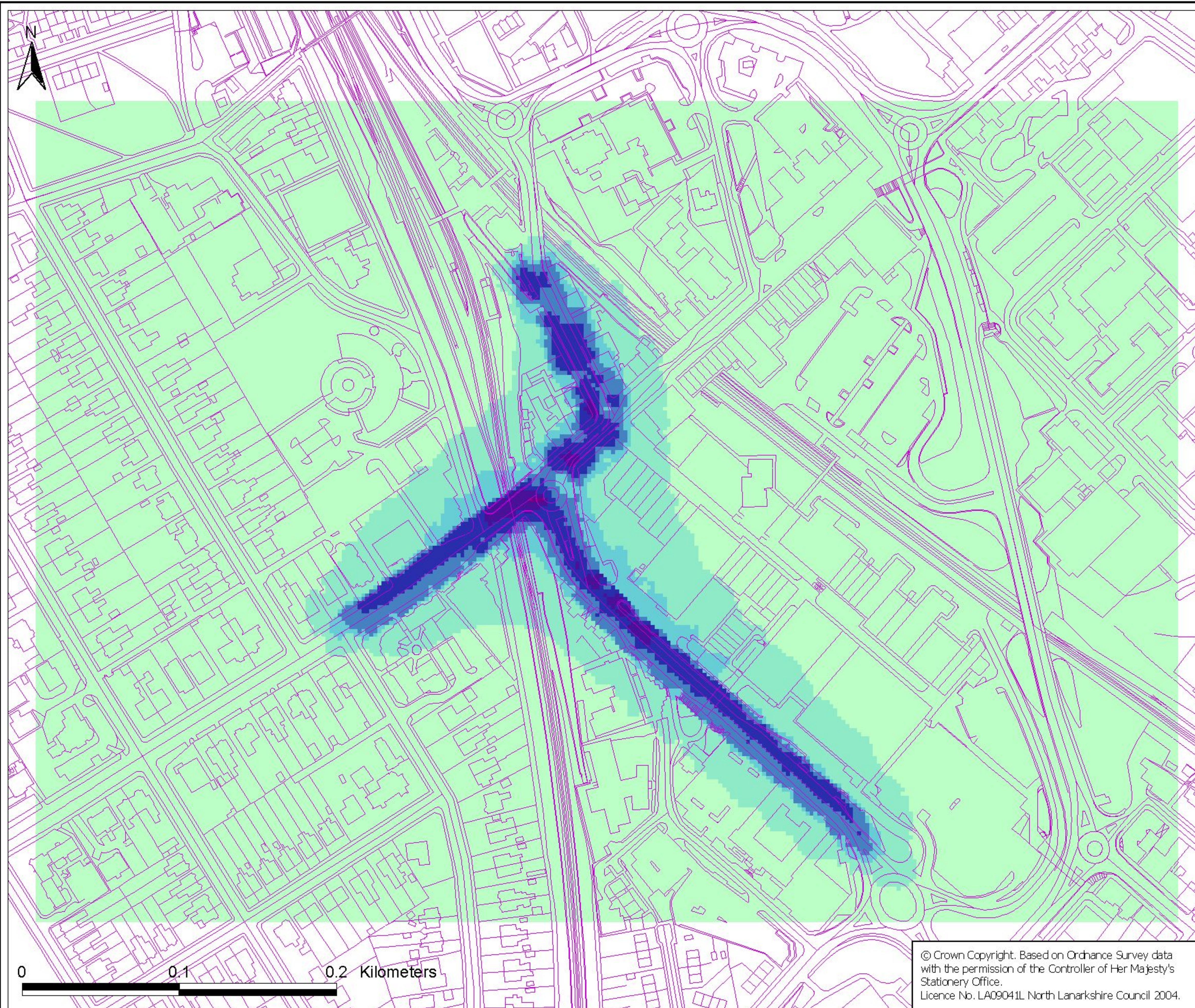
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Motherwell Street Map  
Annual Mean PM10 for 2010  $\mu\text{g}/\text{m}^3$

18 - 18.1
18.1 - 18.25
18.25 - 18.4
18.4 - 18.55
18.55 - 18.7
18.7 - 18.85
18.85 - 19.0
No Data

Drawing Title:  
**Figure 19: Predicted Annual Mean  
PM10 Concentrations for 2010 at  
Motherwell Cross using 2003  
Glasgow Meteorological Data**

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- Motherwell Street Map  
90.4th Percentile PM10 for 2010  $\mu\text{g}/\text{m}^3$
- 36 - 36.25
  - 36.25 - 36.5
  - 36.5 - 36.7
  - 36.7 - 36.9
  - 36.9 - 37.1
  - 37.1 - 37.3
  - 37.3 - 37.55
  - No Data

Drawing Title:

**Figure 20: Predicted 90.4th  
Percentile of 24-Hour Mean PM10  
Concentrations for 2010 at  
Motherwell Cross using 2003  
Glasgow Meteorological Data**

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