



2015 Updating and Screening Assessment for Shropshire Council

In fulfillment of Part IV of the
Environment Act 1995
Local Air Quality Management

Date: April 2016

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Executive Summary

The USA reviewed all ratified and verified data from 2009 to 2015 inclusively. The only identified exceedance of the national air quality objectives relate to the mean annual nitrogen dioxide objective. Key findings include:

- Results from within **Shrewsbury No 1 AQMA (Bayston Hill)** found one monitoring location with pollutant levels close to the objective level. The AQMA is still required.
- Results from within the **Shrewsbury No 2 AQMA (Heathgates Roundabout)** do not exceed the nitrogen dioxide annual mean objective level. It is appropriate to consider revoking this AQMA.
- Within the **Shrewsbury No 3 AQMA (Shrewsbury Town Centre)** results continue to exceed the nitrogen dioxide annual mean objective level. The AQMA is still required. It is recommended that the AQAP is updated. The LTP should be reviewed to highlight potential opportunities to improve air quality in this area. Additional work in this area (part funded by a Defra grant) has involved signalling changes to improve traffic flow in the area and the installation of real time air quality monitors to link into the traffic signalling network to try and optimise the network in relation to air quality. The impact of these changes continues to be evaluated.
- Monitoring finds no exceedance of objective levels at the **Oswestry AQMA**. It is appropriate to consider revoking this AQMA.
- Within the **Bridgnorth Pound Street AQMA** results continue to exceed the nitrogen dioxide annual mean objective level. The AQMA is still necessary. It is recommended that the AQAP is reviewed. The LTP should be reviewed to highlight potential opportunities to improve air quality in this area.

- Results around the **Mill Street/St James Street junction in Bridgnorth** show elevated levels of NO₂. Latest results found levels under the objective level. Continued monitoring is required. The LTP should be reviewed to highlight potential opportunities to improve air quality in this area.
- Further monitoring at properties close to the **Tern Hill A53/A49 roundabout** is necessary following monitored exceedances in 2014 and 2015.
- A detailed assessment of the **Whitchurch Hospital** biomass burner has been found necessary.
- Reductions in pollutant levels at **Bull Ring junction, Ludlow**, have demonstrated that no AQMA is necessary. Proposed signal improvements in 2016/17 are expected to produce additional improvements.
- **Monitoring locations in Wem** are being kept under continual review. No exceedance of any air quality objectives have been found in the last 5 years.
- Road traffic is the main source contributing to instances where national air quality objectives are exceeded. As a result **it is recommended that the Council's Local Transport Plan considers all of the areas highlighted above and secures improvements where possible**. Air Quality impacts shall be considered for all highways programme and project work and all planning applications.
- **Six poultry farms** have been identified as requiring further consideration. Discussions with Defra have been initiated to inform the authority further on where responsibilities lie for any future actions.

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1 Introduction

1.1 Description of Local Authority Area

Shropshire Council is a large predominantly rural unitary authority. There are 22 towns, with Shrewsbury considered as the major settlement in addition to other sizeable towns such as Oswestry, Ludlow and Bridgnorth.

The county has a strong transport network with rail lines running through the county including the Cambrian Line, the Welsh Marches Line and the Wolverhampton Shrewsbury Line. Shropshire also has a strong road network however there are few roads providing more than single carriages in each direction. The main sources of air pollution in Shropshire are from vehicle emissions on the road network particularly the M54, A49 and the A41, however there are only a few places where relevant receptors are within close proximity to these roads. As a consequence pollutants from these road sources tend to be below objective levels by the time they reach receptors.

There are many industrial activities which, if not controlled, would have the potential to become a major source of air pollution. These processes are controlled under permits regulated by Shropshire Council or the Environment Agency.

The main towns in Shropshire were established many years ago and no new towns can be found in Shropshire Council's jurisdiction. Many of the market towns have narrow streets with one way traffic flow. As the area is rural there is also a significant percentage of diesel vehicles in the local fleet. The increasing number of vehicles on the road in these areas result in congestion which in turn results in elevated air pollutant concentrations. This is a challenge which Shropshire Council's Public Protection service is in collaboration with Shropshire Council's Highways and Development Management teams to seek to minimise impacts and secure air quality improvement.

1.2 Purpose of Report

This report fulfils the requirements of the Local Air Quality Management process as set out in Part IV of the Environment Act (1995), the Air Quality Strategy for England, Scotland, Wales and Northern Ireland 2007 and the relevant Policy and Technical Guidance documents. It has been constructed predominantly around guidance in Local Air Quality Management Technical Guidance TG(09) although sections have been reviewed since publication of TG(16) which updates previous guidance. As a result the layout of the document follows the style of an updating and screening assessment

The LAQM process places an obligation on all local authorities to regularly review and assess air quality in their areas, and to determine whether or not the air quality objectives are likely to be achieved. Where exceedances are considered likely, the local authority must then declare an Air Quality Management Area (AQMA) and prepare an Air Quality Action Plan (AQAP) setting out the measures it intends to put in place in pursuit of the objectives.

The objective of this Updating and Screening Assessment is to identify any matters that have changed which may lead to risk of an air quality objective being exceeded. A checklist approach and screening tools are used to identify significant new sources or changes and whether there is a need for a Detailed Assessment. The USA report should provide an update of any outstanding information requested previously in Review and Assessment reports.

Shropshire Council last submitted a report in 2009. This USA brings the Council up to date with its reporting requirements by considering all changes since 2009 and data collected from 2009 to 2014.

1.3 Air Quality Objectives

The air quality objectives applicable to LAQM **in England** are set out in the Air Quality (England) Regulations 2000 (SI 928), The Air Quality (England) (Amendment) Regulations 2002 (SI 3043), and are shown in Table 1. This table shows the

objectives in units of micrograms per cubic metre $\mu\text{g}/\text{m}^3$ (milligrams per cubic metre, mg/m^3 for carbon monoxide) with the number of exceedances in each year that are permitted (where applicable).

Table 1 Air Quality Objectives included in Regulations for the purpose of LAQM in England

Pollutant	Air Quality Objective		Date to be achieved by
	Concentration	Measured as	
Benzene	16.25 $\mu\text{g}/\text{m}^3$	Running annual mean	31.12.2003
	5.00 $\mu\text{g}/\text{m}^3$	Running annual mean	31.12.2010
1,3-Butadiene	2.25 $\mu\text{g}/\text{m}^3$	Running annual mean	31.12.2003
Carbon monoxide	10.0 mg/m^3	Running 8-hour mean	31.12.2003
Lead	0.5 $\mu\text{g}/\text{m}^3$	Annual mean	31.12.2004
	0.25 $\mu\text{g}/\text{m}^3$	Annual mean	31.12.2008
Nitrogen dioxide	200 $\mu\text{g}/\text{m}^3$ not to be exceeded more than 18 times a year	1-hour mean	31.12.2005
	40 $\mu\text{g}/\text{m}^3$	Annual mean	31.12.2005
Particles (PM ₁₀) (gravimetric)	50 $\mu\text{g}/\text{m}^3$, not to be exceeded more than 35 times a year	24-hour mean	31.12.2004
	40 $\mu\text{g}/\text{m}^3$	Annual mean	31.12.2004
Sulphur dioxide	350 $\mu\text{g}/\text{m}^3$, not to be exceeded more than 24 times a year	1-hour mean	31.12.2004
	125 $\mu\text{g}/\text{m}^3$, not to be exceeded more than 3 times a year	24-hour mean	31.12.2004
	266 $\mu\text{g}/\text{m}^3$, not to be exceeded more than 35 times a year	15-minute mean	31.12.2005

NB. TG(16) brings in a duty to consider PM_{2.5} and look to reduce concentrations where levels above 20 $\mu\text{g}/\text{m}^3$ are recorded. This has been given thought where monitoring information is available.

1.4 Summary of Previous Review and Assessments

As of April 2009 Bridgnorth District Council, North Shropshire District Council, Oswestry Borough Council, Shrewsbury and Atcham Borough Council and South Shropshire District Council were joined together with Shropshire Council to form the single tier unitary Shropshire Council.

Bridgnorth District Council undertook their First Round of Review and Assessment between 1998 and 2000, finding that there was no need to declare an Air Quality Management Area (AQMA) for any pollutant in the district. In 2003, the first phase of the Second Round, the Updating and Screening Assessment (USA), was completed and concluded that a Detailed Assessment was required for NO₂ in Bridgnorth town centre. Detailed Assessments were also required for industrial sources Novelis, Bridgnorth Aluminium and Ironbridge Power Station. The conclusions of the Detailed Assessment for NO₂ were that an AQMA should be declared on Pound Street and the junction of Pound Street, Salop Street and Whitburn Street. The Detailed Assessment for the industrial sources confirmed that there were no exceedances of the objectives and no AQMA declarations were warranted. Bridgnorth District Council completed the Third Round of Review and Assessment in 2006 with the USA, confirming that the NO₂ annual mean objectives were being exceeded outside the AQMA at Whitburn Street and Lavington Court and a Detailed Assessment was required. This concluded that additional monitoring be undertaken in this area to demonstrate compliance with the AQS objectives.

Oswestry Borough Council completed their First Round of Review and Assessment between 1998 and 2001, which concluded that NO₂ levels at The Gatehouse on the A483 were likely to exceed the NO₂ annual mean objective, and recommended a Detailed Assessment of the area. The conclusions of the Detailed Assessment at The Gatehouse led to the area being declared as an AQMA. Oswestry Borough Council completed the Second Round of Review and Assessment in 2003 with the USA, confirming that the AQS objectives for NO₂ were likely to be met outside the AQMA and as such no further assessment was required. The 2006 USA confirmed

that the air quality objectives for benzene, 1,3-butadiene, carbon monoxide, lead, PM10, NO2 and SO2 will be met at all locations outside of the AQMA and no Detailed Assessment was required.

North Shropshire District Council completed its First Round of Review and assessment between 1998 and 2001, which concluded that there was no requirement to declare an AQMA for any pollutant. The first phase of the Second Round, the USA, was completed in 2003 and concluded that a Detailed Assessment was required for NO2 due to traffic emissions in Whitchurch and Market Drayton town centres. This Detailed Assessment was completed in 2005 and found that the AQS objectives for NO2 would be met and no AQMA was required. North Shropshire District Council completed the Third Round USA in 2006, which confirmed that the air quality objectives would be met and no Detailed Assessment was required for any pollutants.

South Shropshire District Council completed their First Round of Review and Assessment in 1999. The conclusion of this assessment was that there were no exceedances of the air quality objectives. The Second Round USA was completed in 2003. It identified the areas of Clee Hill and Church Stretton as being at risk of exceeding the AQS objectives for PM10, due to quarry and road stone coating processes and domestic burning respectively. A Detailed Assessment was undertaken for PM10 at both locations and was completed in 2005. It confirmed that the PM10 AQS objectives were being met in both areas. In 2006, the Third Round USA was undertaken. It identified that areas of Ludlow town centre and Craven Arms were at risk of exceeding the air quality objectives for NO2 and benzene. A Detailed Assessment was undertaken for both pollutants at Ludlow town centre and Craven Arms in 2008, which confirmed that the measured concentrations for NO2 at both locations were below the annual mean AQS objectives.

Diffusion tubes were used to monitor levels of benzene next to a busy petrol filling station. Results showed levels of benzene well below the 2003 running annual mean objective level and no further assessment was found to be necessary.

Concentrations of benzene declined rapidly in 2007 which was linked to a large decrease in petrol sales due to a petrol filling station opening on the outskirts of

Ludlow. The details report concluded that benzene concentrations were likely to be below the 2010 objective level by 2010 as they were below this level for the course of the study when averaging the results taken. Based on the Detailed Assessment results, it was not necessary to declare any AQMA in South Shropshire.

Shrewsbury and Atcham Borough Council completed its First Round of Review and Assessment between 1998 and 2000. It concluded that exceedances of the NO₂ annual mean were expected in three areas: Heathgates Roundabout, A49 at Bayston Hill and at the junction of Smithfield Road, Frankwell and Castle Foregate in Shrewsbury Town Centre. As a result 3 AQMAs were declared in 2003. The Second Round of Review USA was completed in 2003, confirming that a Detailed Assessment was required for the NO₂ annual mean objectives due to road traffic emissions near Frankwell Road and the Coleham Head gyratory. The Detailed Assessment was completed in 2004 and predicted exceedances of the NO₂ annual mean objective at Smithfield Road, Castle Street, Wyle Cop, Frankwell and Frankwell Roundabout and at the junction of Smithfield Road, Chester Street and Castle Foregate. From the outcomes of the Detailed Assessments, the local authority retained all three of the previously declared AQMAs and extended the Shrewsbury town centre AQMA to cover the additional areas of exceedance identified. Additionally, Detailed Assessments were undertaken for SO₂ from the Ironbridge Power Station and for PM₁₀ from the Bayston Hill Quarry. At both locations measured concentrations of the respective pollutants were found to be below the AQS and no AQMA was required. The Third Round USA, completed in 2006, confirmed that the air quality objectives for all pollutants would be met outside of the AQMAs and no Detailed Assessment was required for any pollutants in the Shrewsbury and Atcham area.

Shropshire Council undertook the next round of USA in 2009, its first as a unitary authority. This report highlighted that there is no requirement to proceed to a Detailed Assessment for benzene, 1, 2-butadiene, carbon monoxide, lead, sulphur dioxide and particulates. It concluded that there were three breaches of the annual mean NO₂ objective at Lavington Court in Bridgnorth, Ternhill, North Shropshire and Mill Street in Bridgnorth. There is no relevant exposure at the Lavington Court. Relevant exposure has been introduced recently at the Ternhill site. It was recommended that

Shropshire Council install additional diffusion tubes in the Mill Street area. This has been carried out with the installation of three additional monitoring locations in the area. Results are discussed in this report.

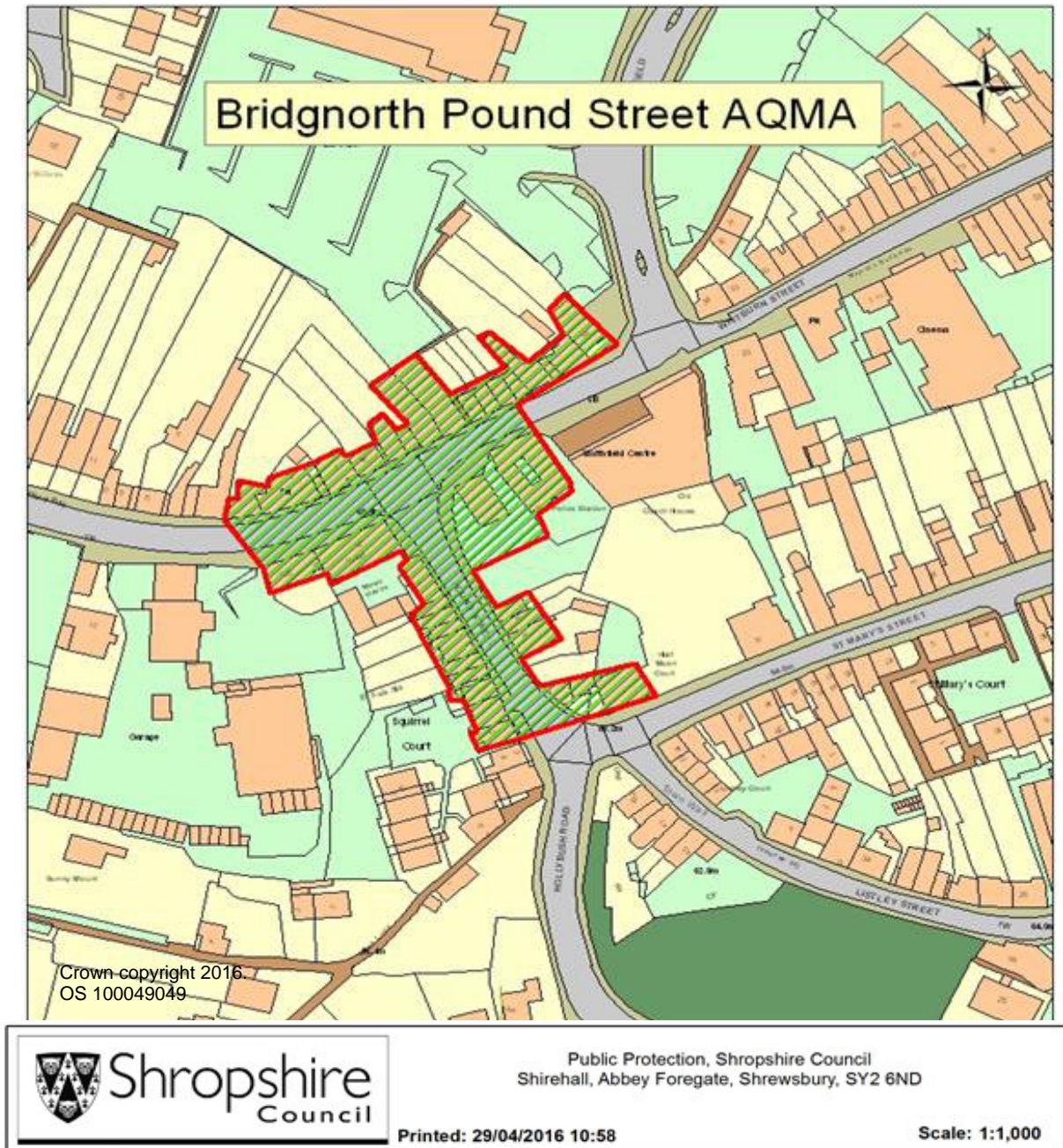
A diffusion tube outside the Station Hotel in Shrewsbury predicted that the hourly NO₂ objective is likely to be breached. As a result it recommended that Shrewsbury No 3 AQMA should be amended to include a breach of this objective as well as the annual mean for NO₂ or proceed to a detailed assessment. To date no action has been taken on this aspect however it is revisited in this report.

The assessment of particulates found three poultry farms which TG(09) recommends for detailed assessment. These were Oaklands Farm Eggs Ltd, David Davies and Co and Knockin Farm Eggs. FAQ 35 in the Defra webpages has since stated that there is no need to progress to a detailed assessment at this stage therefore no further work has been undertaken on this aspect. Recent information produced in TG(16) has provided a screening tool with which to consider poultry installations. This has been further considered in this report.

It was recommended that Shropshire Council obtain emission data from the wood-fired hot water boiler installation at Whitchurch Community Hospital to facilitate screening of this biomass process. Data has been obtained and is reviewed in this report.

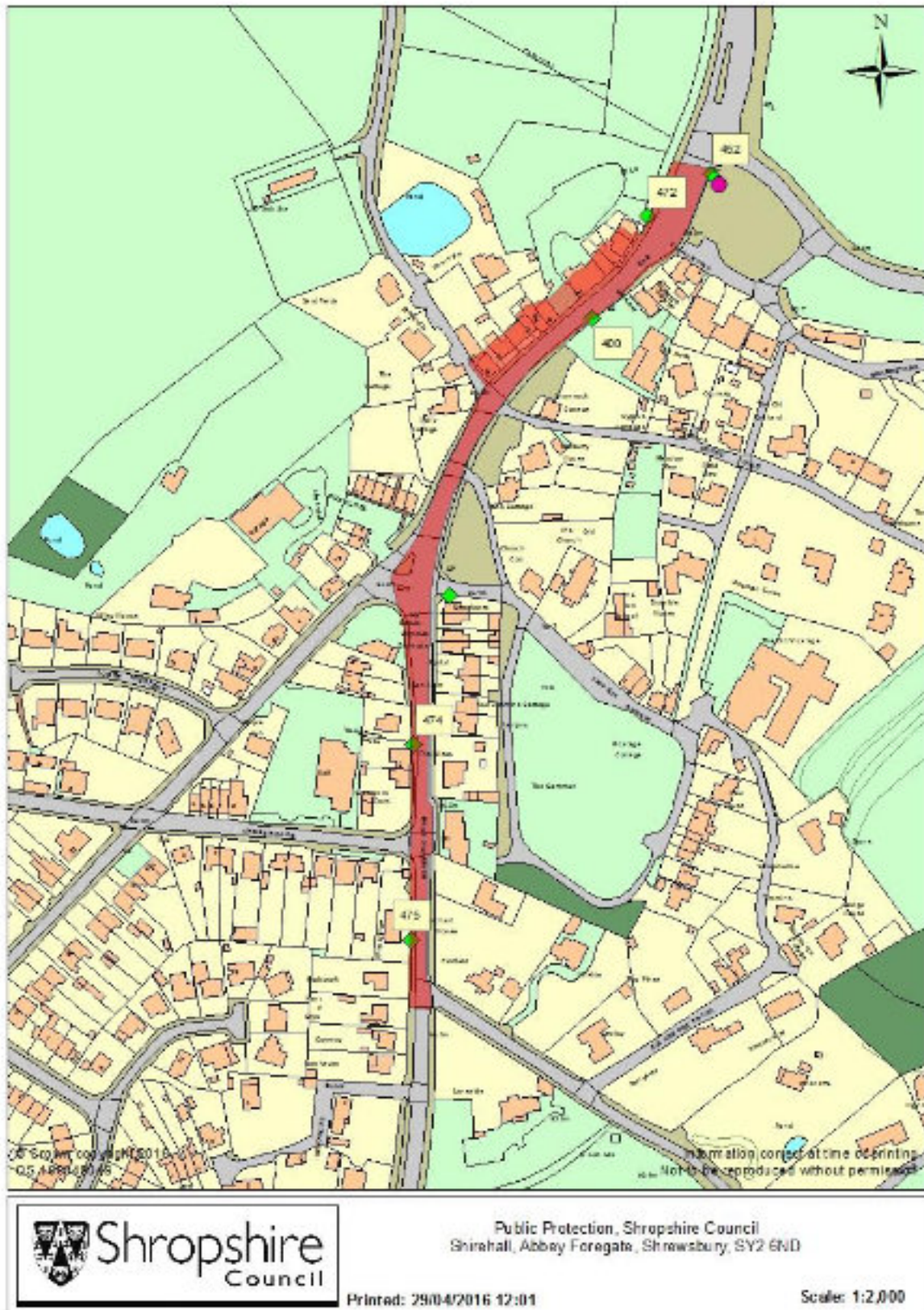
Figure 1. Maps of AQMA Boundaries

A review of previous reports shows that there are five AQMAs within the Shropshire Council local authority area.



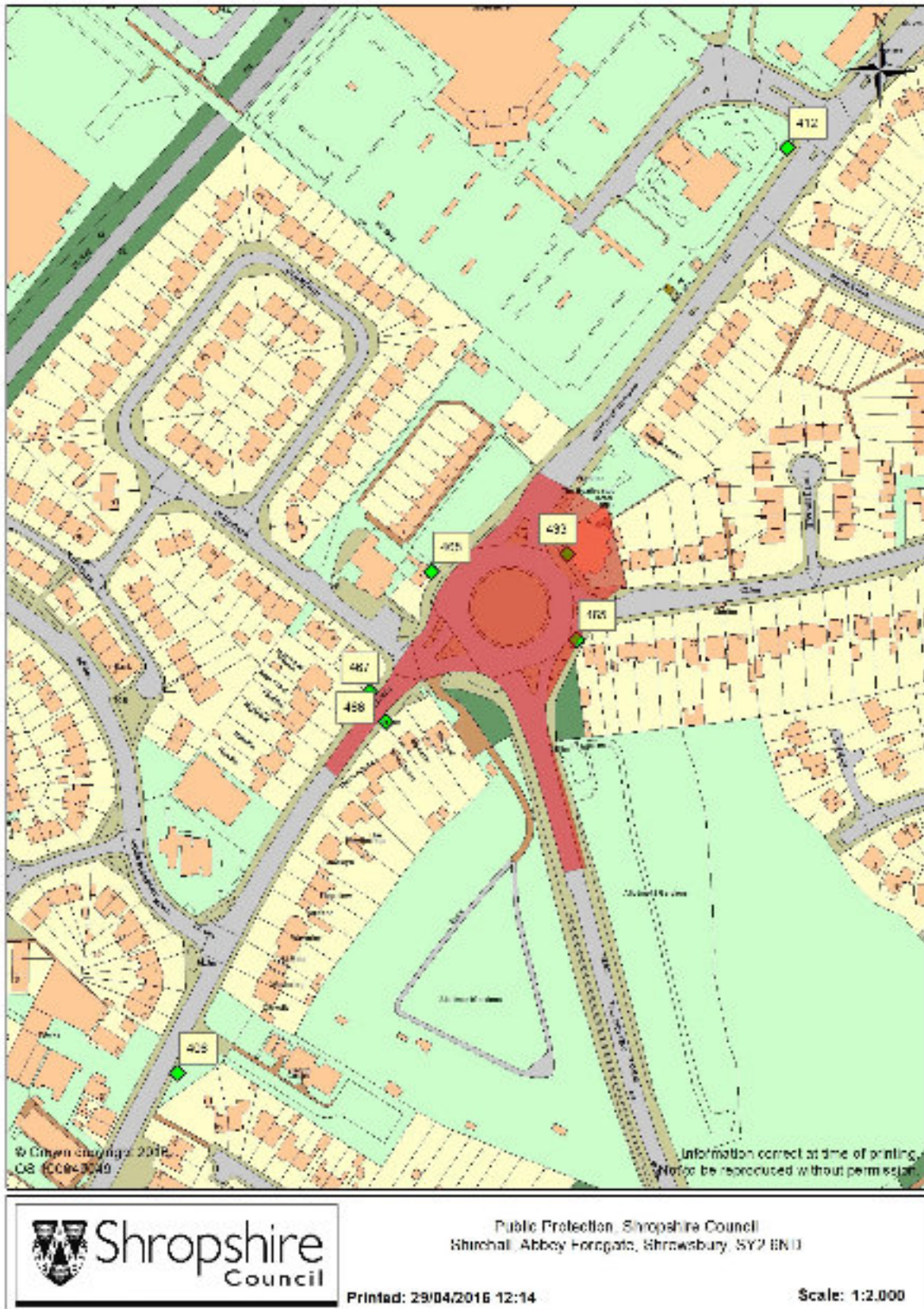
This AQMA covers the junction of Whitburn Street and Pound Street in High Town, Bridgnorth.

Shrewsbury No 1 AQMA (Bayston Hill).



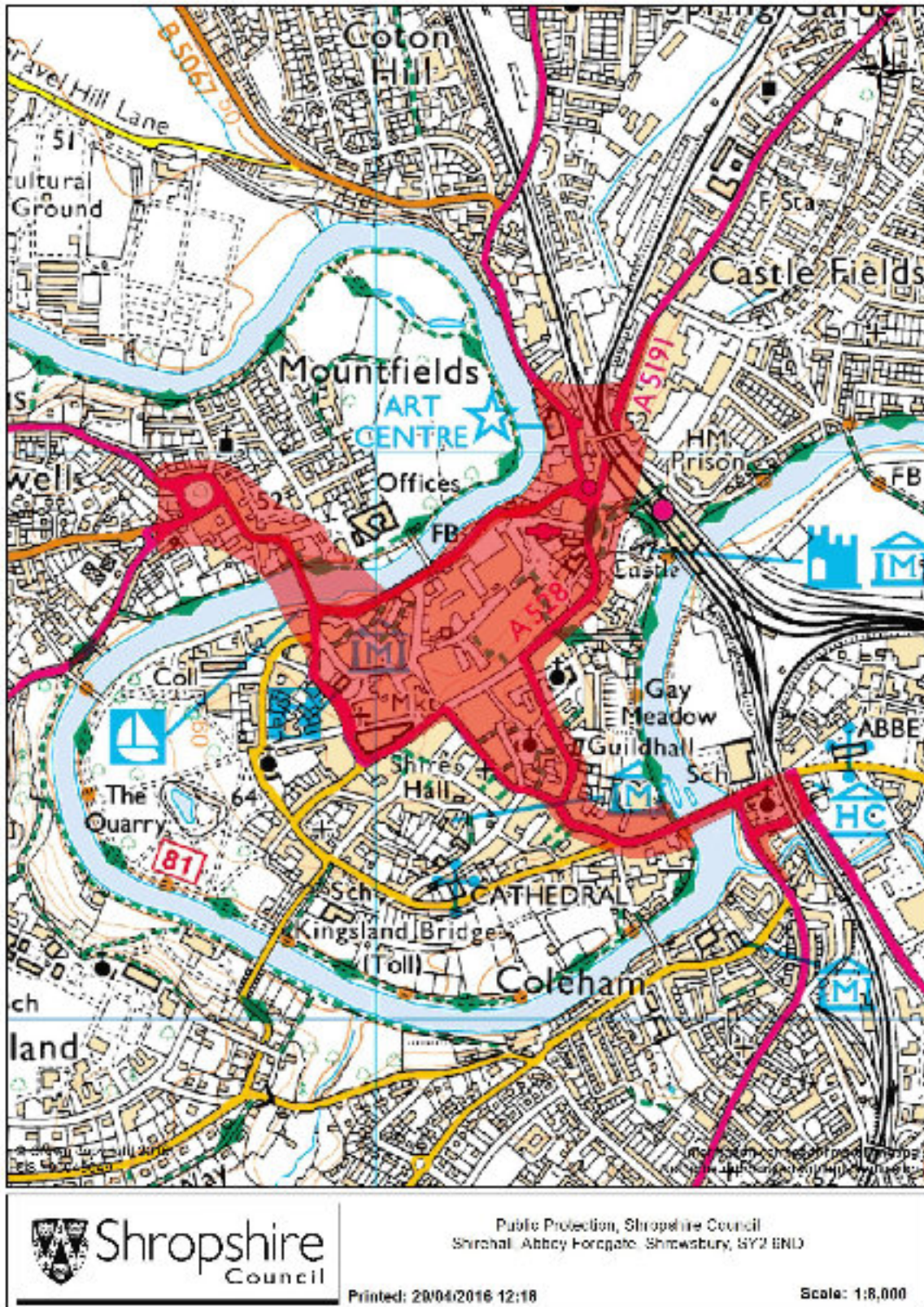
This AQMA covers a stretch of the A49 through Bayston Hill to the South of Shrewsbury. Green diamonds represent dif usion tube monitoring locations.

Shrewsbury No 2 AQMA (Heathgates Roundabout)



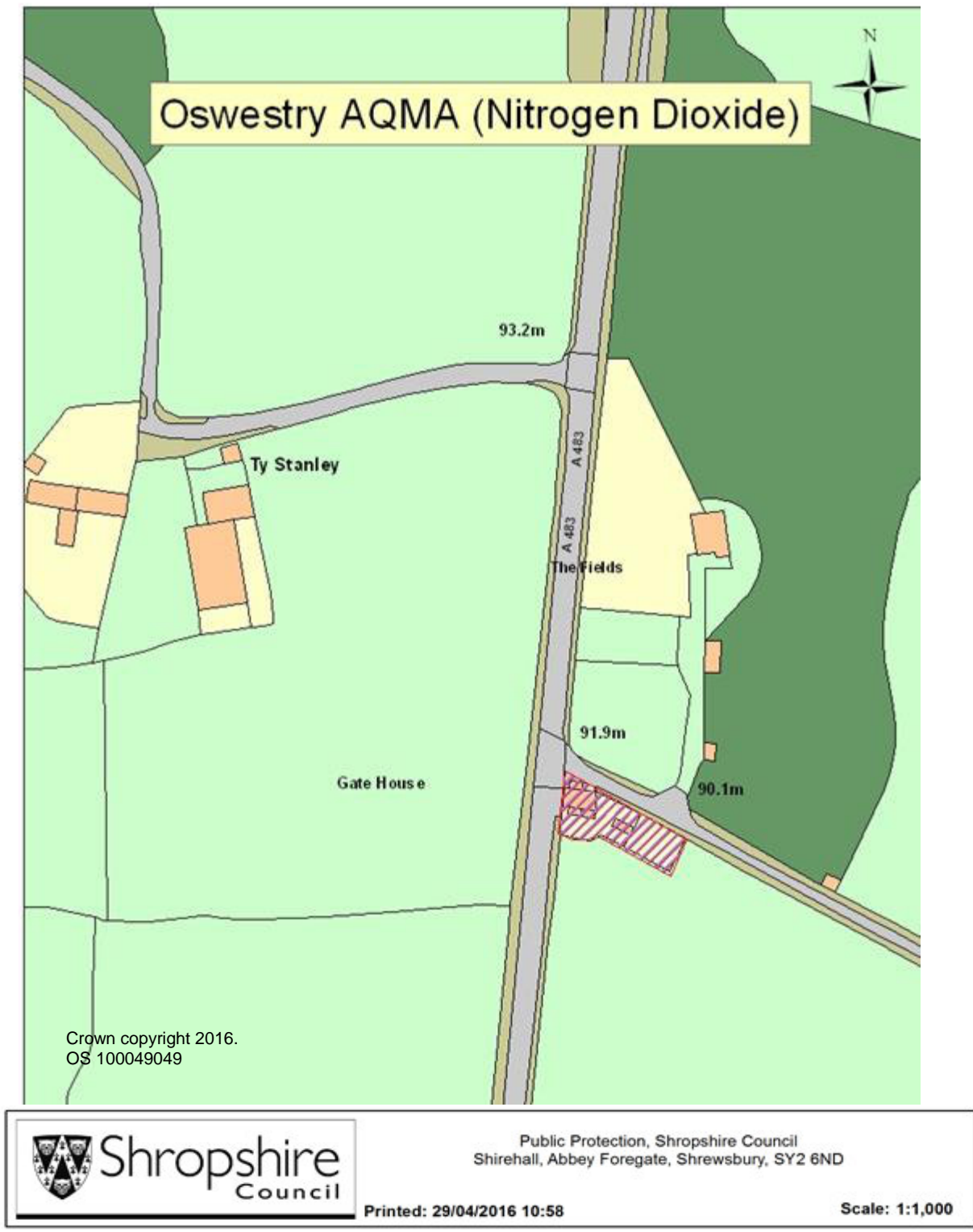
This AQMA covers Heathgates roundabout to the north of Shrewsbury. Green diamonds represent monitoring locations

Shrewsbury No 3 AQMA (Shrewsbury Town Centre).



This AQMA covers Shrewsbury town centre. Although exceedances are not found throughout the area the area was denoted to include transport links which contribute to the exceedance area

Oswestry AQMA (nitrogen dioxide) (A483 between Pant and Oswestry).



This AQMA covers one residential property, The Gatehouse, situated on the A483 between Pant and Oswestry.

2 New Monitoring Data

2.1 Summary of Monitoring Undertaken

2.1.1 Automatic Monitoring Sites

Automatic monitoring locations analysing concentrations of nitrogen dioxide and PM10s are shown in Figure 2 with details provided in Table 2.

Since the 2009 USA the Pant Memorial Hall NO₂ automatic monitor has been removed. This location was originally selected as although predicted NO₂ ambient concentrations were below levels of concern there was significant public concern partly linked to a government decision to withdraw funding for a Pant by-pass. Data revealed air quality at this location did not exceed national objective levels. The unit was decommissioned in July 2011. Data was reviewed in the 2009 USA and showed the annual average was 28.3 µg/m³ in 2008. With results some 30% below air quality objectives it is not considered that any exceedance of the national air quality objectives are likely. No significant development has occurred in the area to suggest a significant increase in NO₂ concentration is likely to have occurred since the last round of reporting and no major development in the area is expected to date.

The monitor from Pant was relocated to Ludlow as a result of diffusion tubes in the area indicating concentrations of NO₂ close to the national annual mean objective level. The monitor was located to provide information on general trends in air pollution. Data was collected in the latter half of 2013 and in 2014. The monitor was decommissioned in January 2015 due to sufficient data having been collected.

The NO_x chemiluminescence monitor in Bridgnorth was decommissioned in January 2015 as it was not providing any information that would result in any action being taken.

The Chester Street automatic monitor was moved in 2012 from its position shown in the 2009 USA to facilitate road and footpath works. This work was carried out as part of the Shrewsbury Northern Gateway project. The relocation was over a small

distance of approximately 6m and is not considered likely to have caused any significant change in results given the location. In 2013 a PM2.5 Met-one BAM was installed alongside the NO₂ monitor which replaced the TEOM which had previously been in use.

A Met-one BAM measuring PM10s remains at Bayston Hill and Betton Strange. The Betton Strange monitor was decommissioned in January 2016 following a review of data and changes in local development proposals (delays to changes in operations expected at the nearby quarry).

A Met-one BAM measuring PM2.5s was installed in May 2015 at Mayfield Close, see Figure 2. It was installed as a result of an energy from waste plant being installed in the area.

All BAMs are ratified by applying a minus 15 correction factor to the raw data as advised by Envirotechnology Services (suppliers of equipment). Each BAM is serviced every 6 months by Envirotechnology Services. Data is verified by taking out all days where less than 16 hours of data were recorded. Each BAM is visited periodically to change tapes. During these visits basic checks are undertaken to ensure no damage to the equipment and self-tests are carried out in order to ensure that the equipment is in good working order.

NO_x analysers are serviced every six months by Envirotechnology Services (equipment suppliers). Monitors are visited at least every month, usually every three weeks to undertake span and zero checks with which to perform ratification. The equipment is checked for any signs of damage and filters changed upon every visit. Ratification is carried out using a formula derived from LAQM TG09.

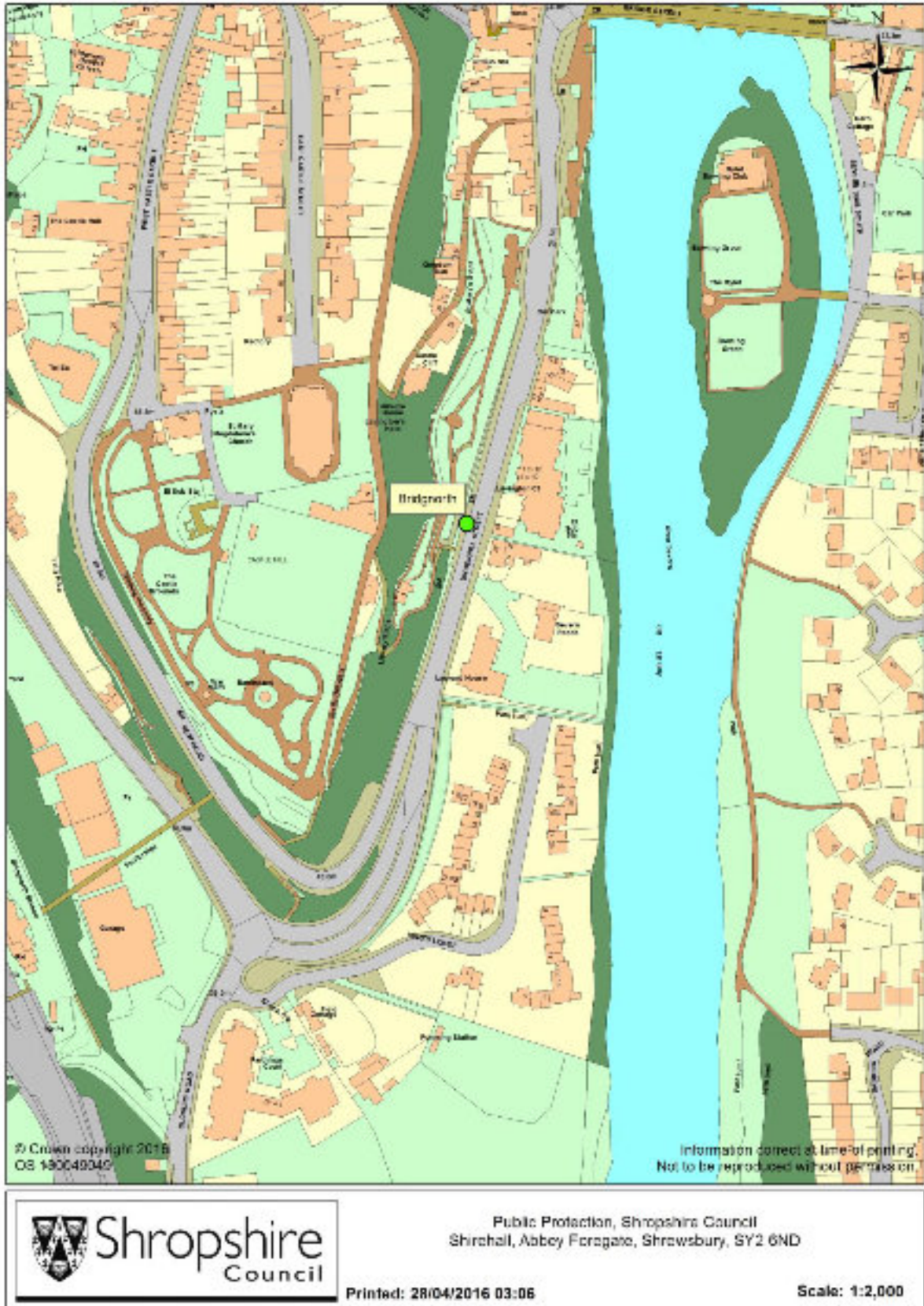
Figure 2. Maps of Automatic Monitoring Sites



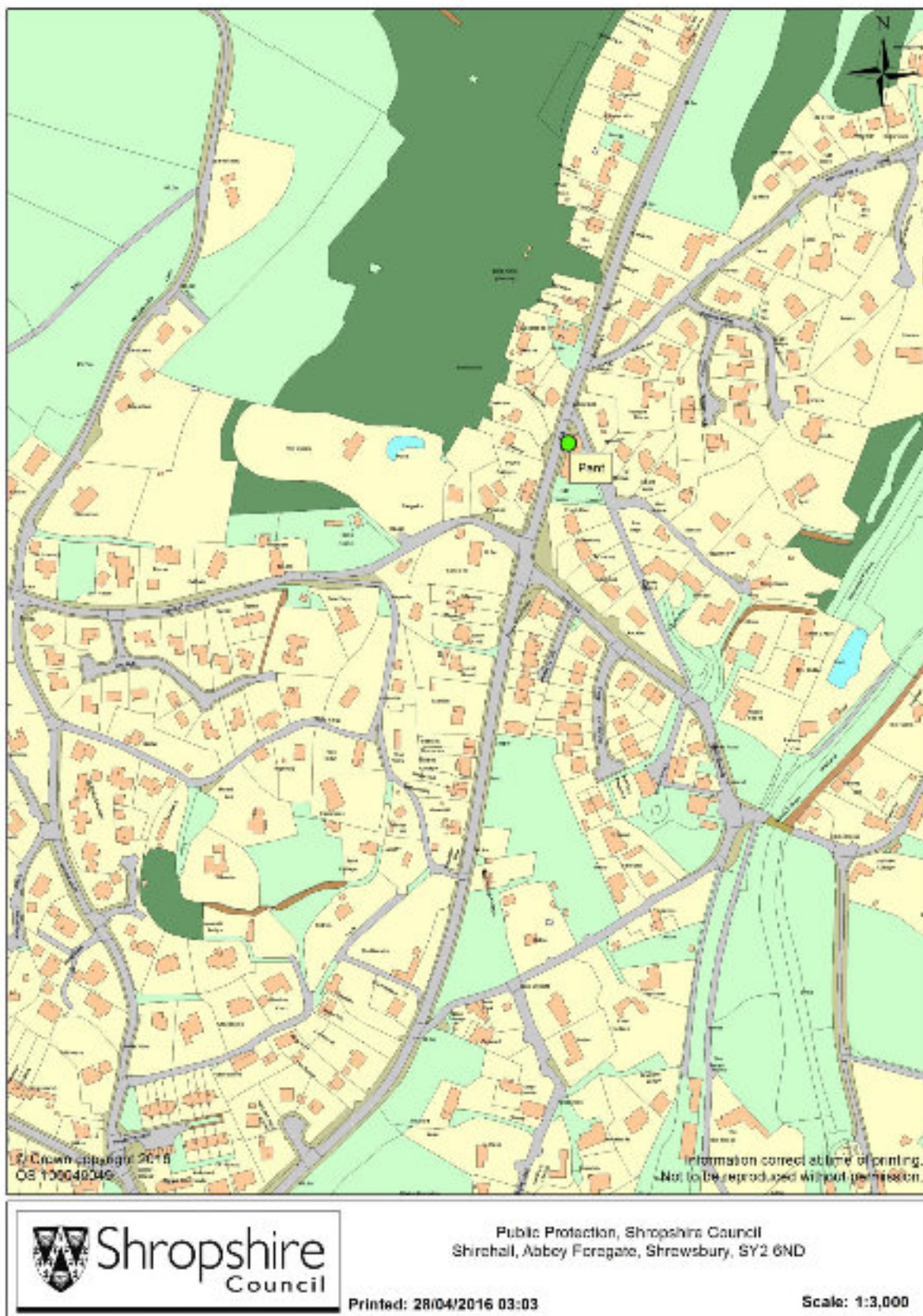
Map showing location of Met-one PM10 BAMS at Betton Strange and Bayston Hill to the south of Shrewsbury.



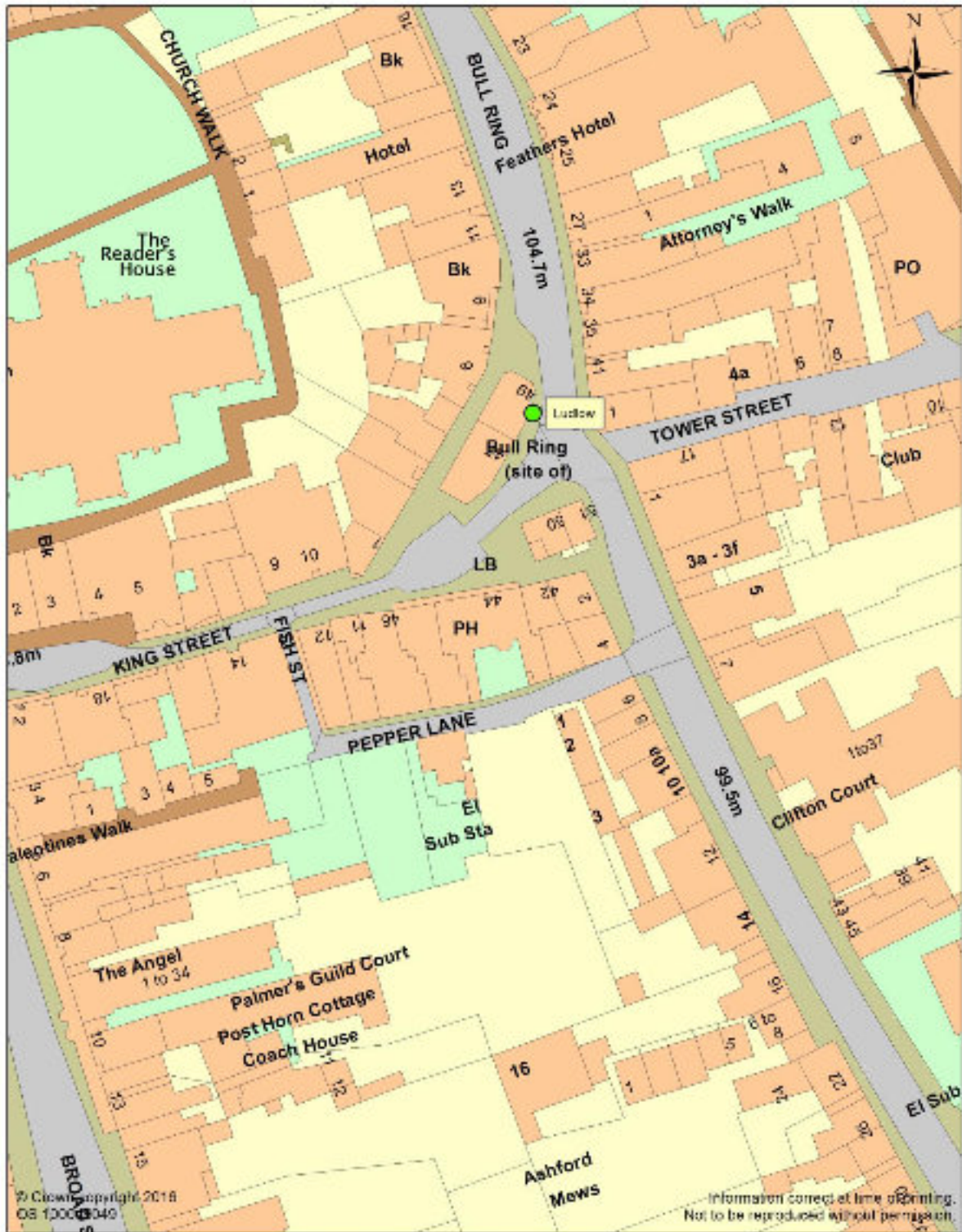
Map showing new location of Chester Street NO_x chemiluminescence and Met-one PM_{2.5} BAM on Chester Street, Shrewsbury.




Map showing location of NO₂ chemiluminescence monitor on Underdale Street, Bridgnorth.



Map showing location of Pant NO_x chemiluminescence monitor



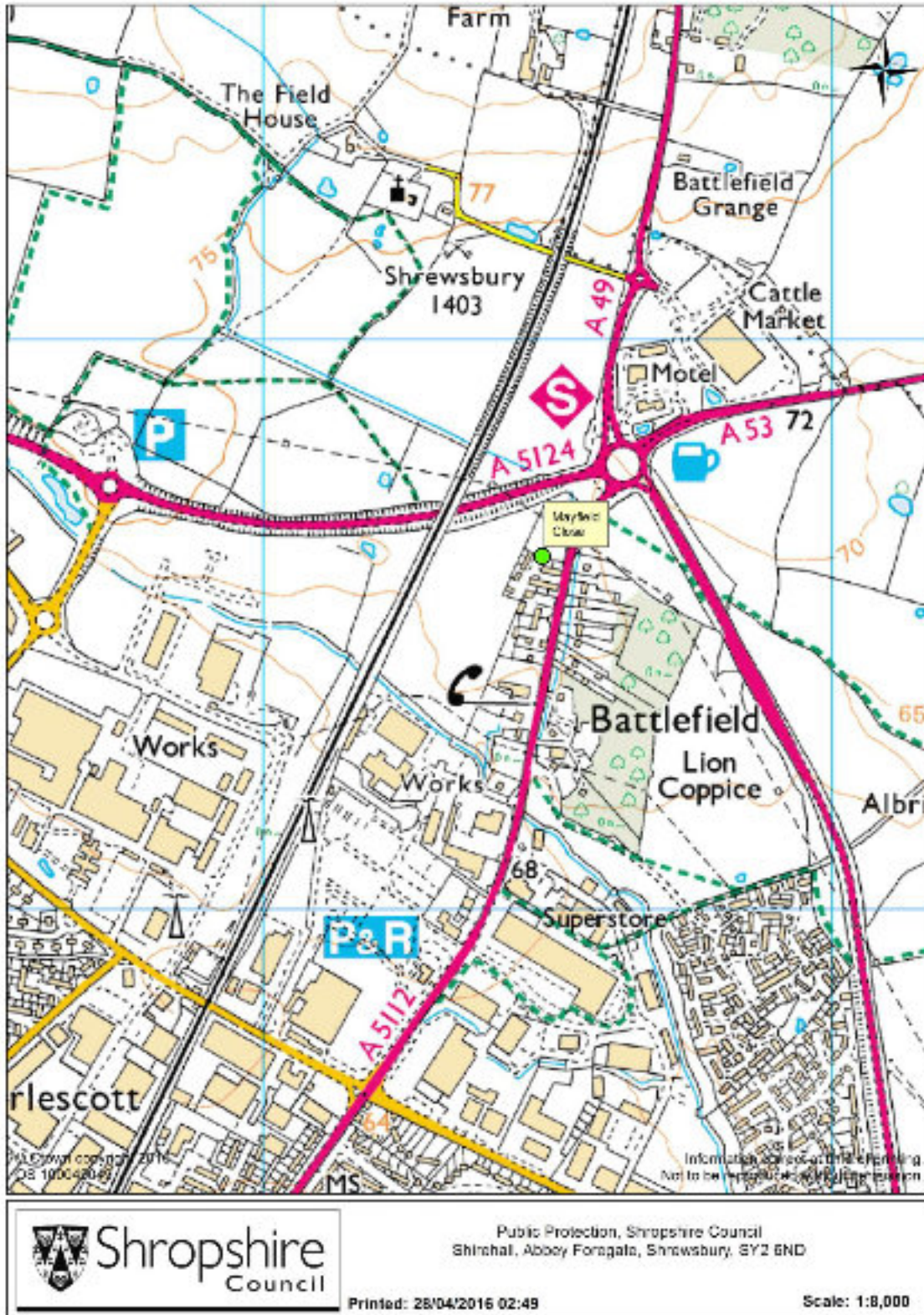
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Map showing location of new NO_x chemiluminescence monitoring location in Ludlow. Removed in January 2015.



Map showing location of Met-one PM_{2.5} BAM monitor in Mayfield Close, Battlefield, Shrewsbury. Installed in May 2015.

Table 2. Details of Automatic Monitoring Sites

Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA	Monitoring Technique	Relevant Exposure? (with distance to relevant exposure)	Distance to kerb of nearest road	Does this location represent worst-case exposure?
Chester Street	Roadside	349378	312938	NO _x PM _{2.5}	Yes (NO ₂)	Chemiluminescence /Met-on BAM	Yes (approx. 6m from kerb on 1st floor)	3m	No: properties in the area found closer to the kerb. Diffusion tubes located at these receptors.
Bridgnorth	Roadside	371766	292781	NO _x	No	Chemiluminescence	Yes (on opposite side of road, 4m from the kerb)	2.5m	Yes: for this locality.
Bayston Hill	Roadside (site entrance to quarry)	348782	309018	PM ₁₀	Yes (NO ₂)	Met-one BAM	Yes (32m)	5m	No: monitor 367m from quarry and associated processes, nearest residential premise 166m away
Betton Strange	East of quarry	350830	309214	PM ₁₀	No	Met-one BAM	Yes (39m to the East)	NA	Yes
Pant	Roadside	327592	322592	NO _x	No	Chemiluminescence	Yes (2m)	2m	Yes
Ludlow	Roadside	351239	274703	NO _x	No	Chemiluminescence	Yes (2m)	2m	Yes: receptors on first floor opposite monitor.
Mayfield Close, Shrewsbury	Roadside	351492	316619	PM _{2.5}	No	Met-one BAM	Yes	1.5m	Yes. Modelling of the plume from the EfW plant predicted drop out at this location

2.1.2 Non-Automatic Monitoring Sites

Shropshire Council maintains an extensive network of nitrogen dioxide (NO₂) diffusion tubes. It has not been found necessary to employ any other types of diffusion tubes for other pollutants in the area. Additional tubes have been located based on local knowledge and intelligence to capture any changes that may occur as a result of significant new or proposed developments and where areas are highlighted as requiring further consideration when carrying out LAQM reports. Tubes have been removed where concentrations of pollutants were found to be consistently at least 20% below the objective level and/or where data was unlikely to assist in air quality evaluation.

Figure 3 below shows the location of the diffusion tube network with their numerical references. The reference numbers are found throughout this report in tables reporting NO₂ diffusion tube concentration results. Table 3 provides specific data about the location of the diffusion tubes.

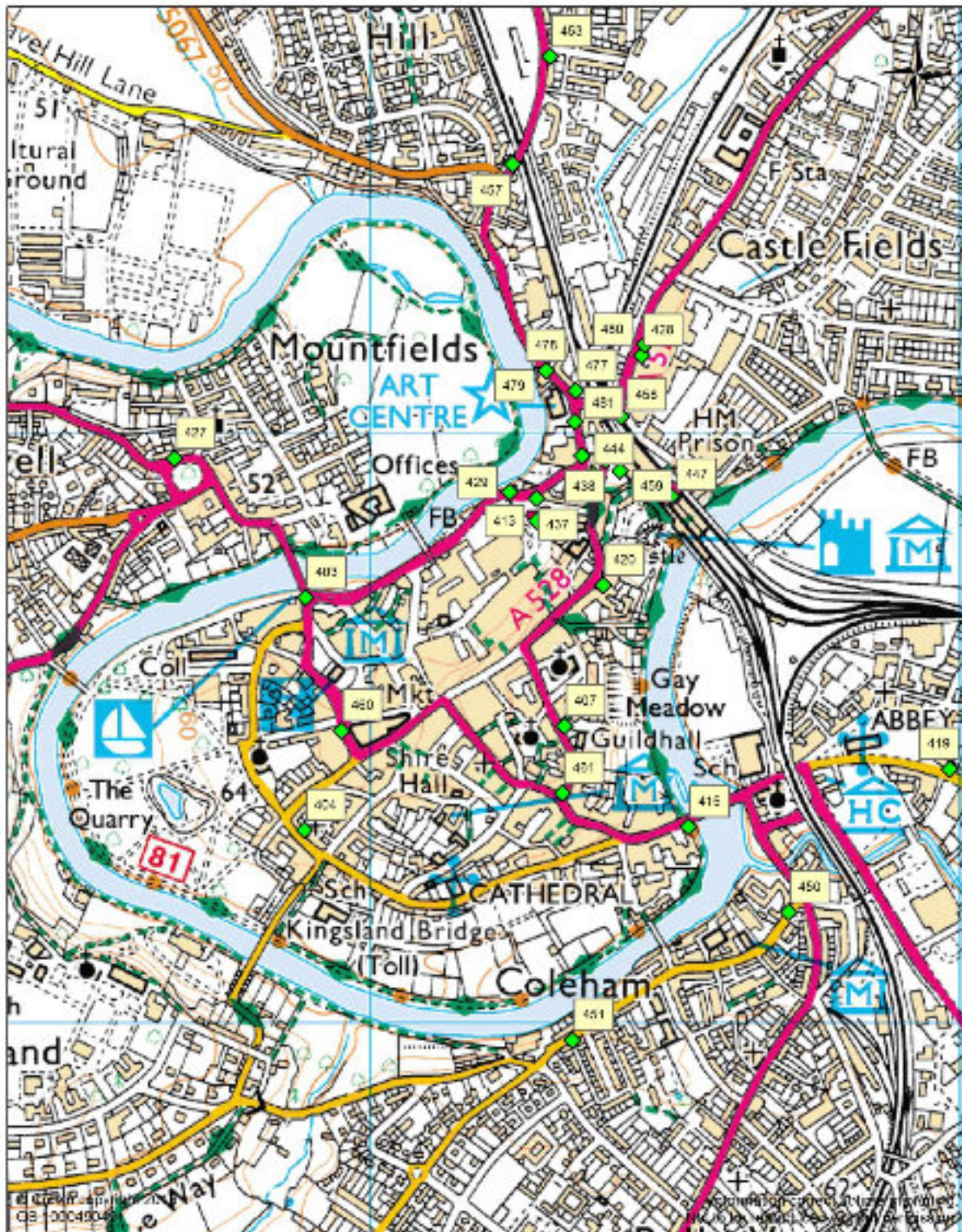
Diffusion tube quality assurance and quality control (QA/QC) information can be found in Appendix A. In summary the laboratory analysing the diffusion tubes, Gradko International Services plc, confirms that it follows the procedures set out in the Practical Guidance. The Workplace Analysis Scheme for Proficiency (WASP) has shown that analysis is carried out to a satisfactory standard.

Figure 3. Maps of Non-Automatic Monitoring Sites

Air Quality NO2 diffusion tube locations in Shrewsbury and Suburbs

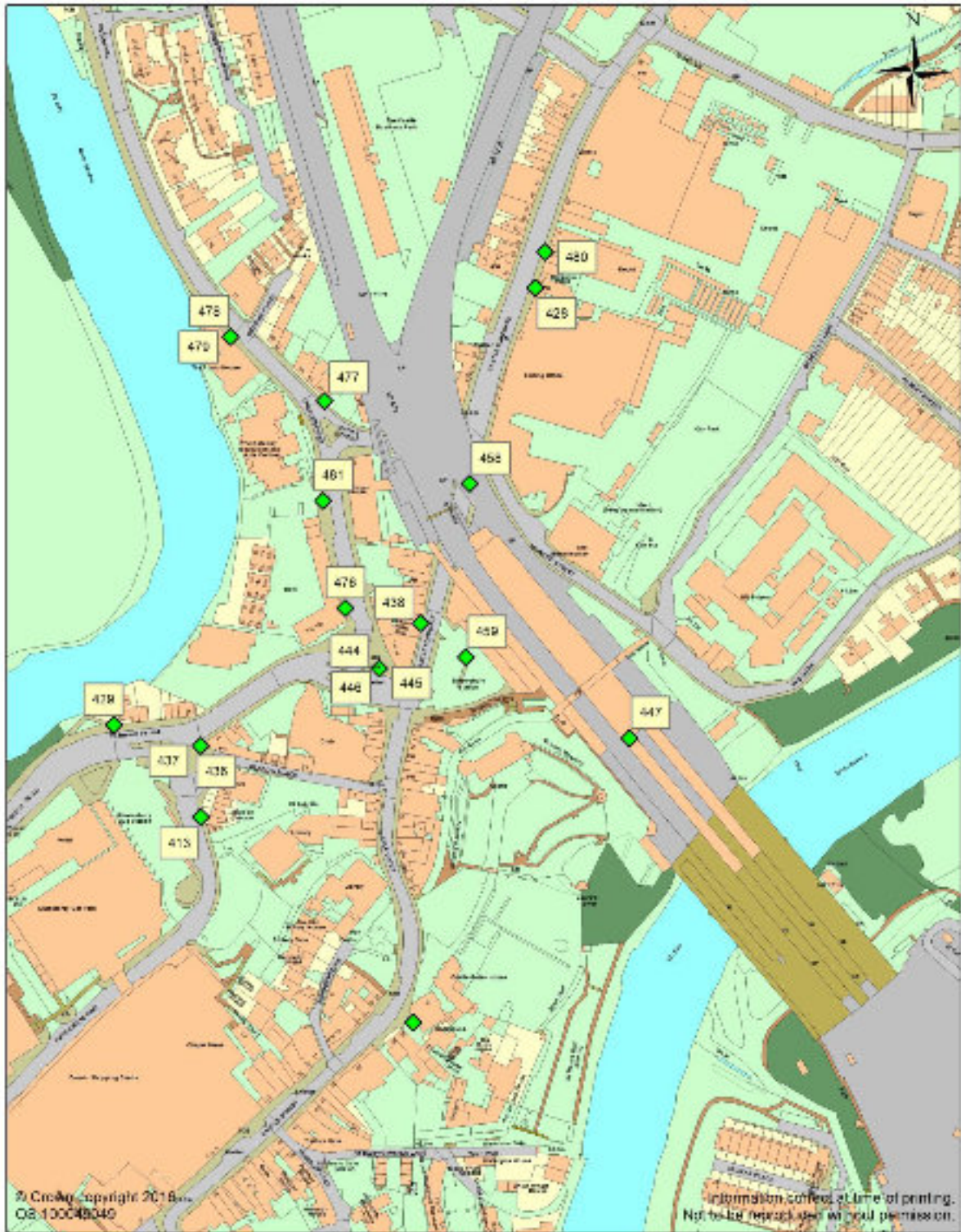



Shrewsbury Town Centre (finer focus)



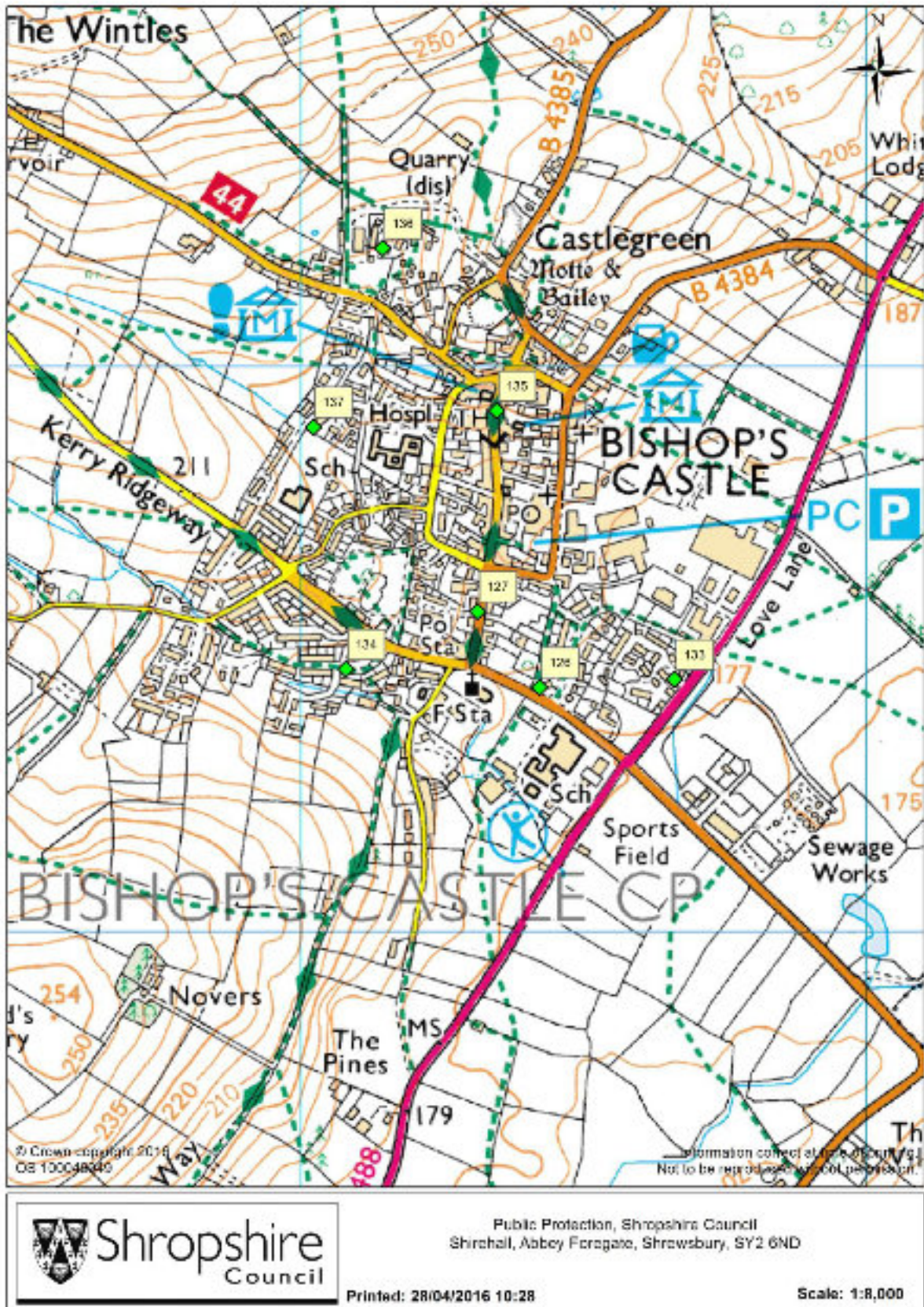
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Shrewsbury Train Station Gyratry (fine focus)

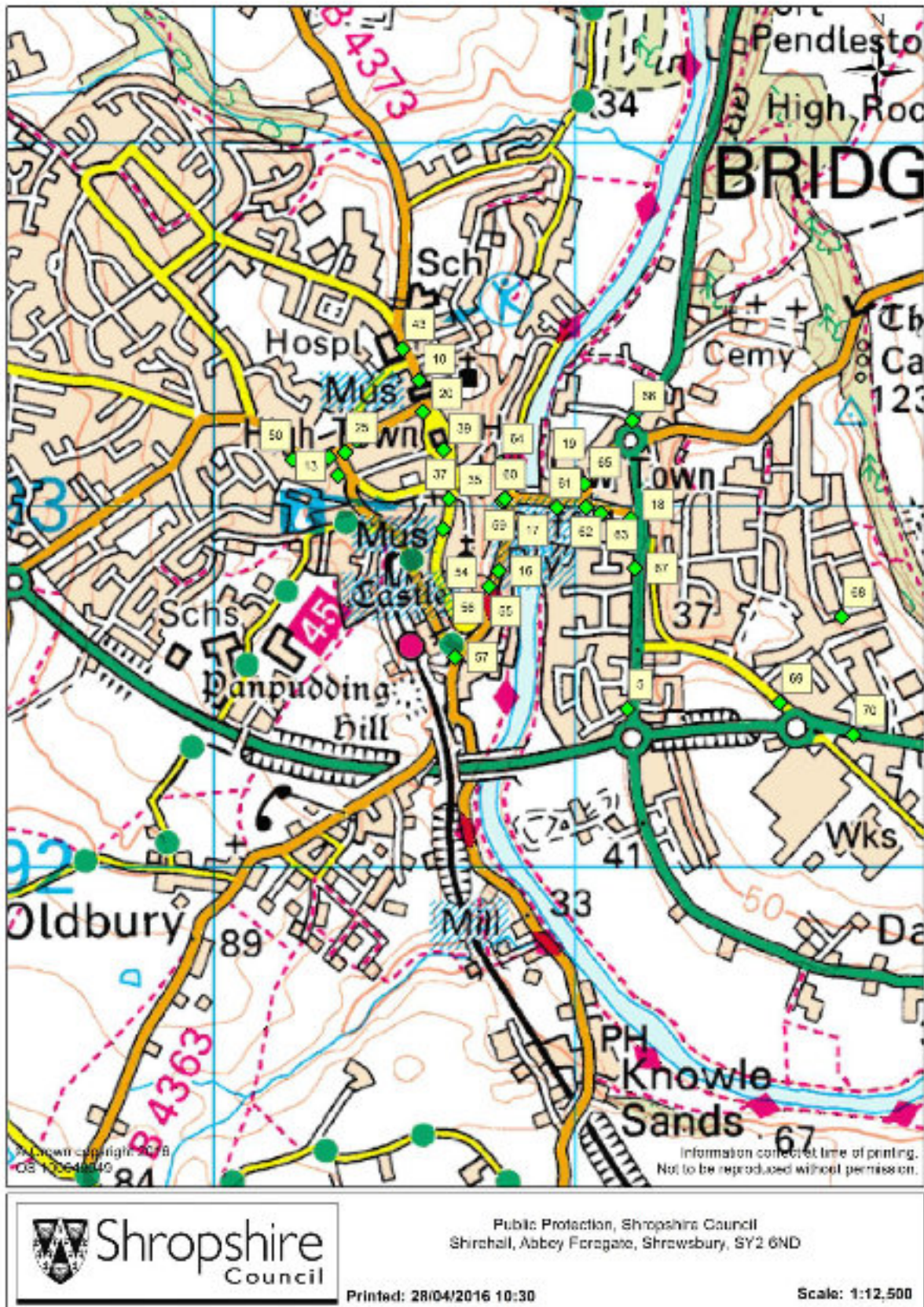


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<p>Printed: 28/04/2016 10:20</p>	<p>Scale: 1:2,500</p>

Bishops Castle diffusion tube locations



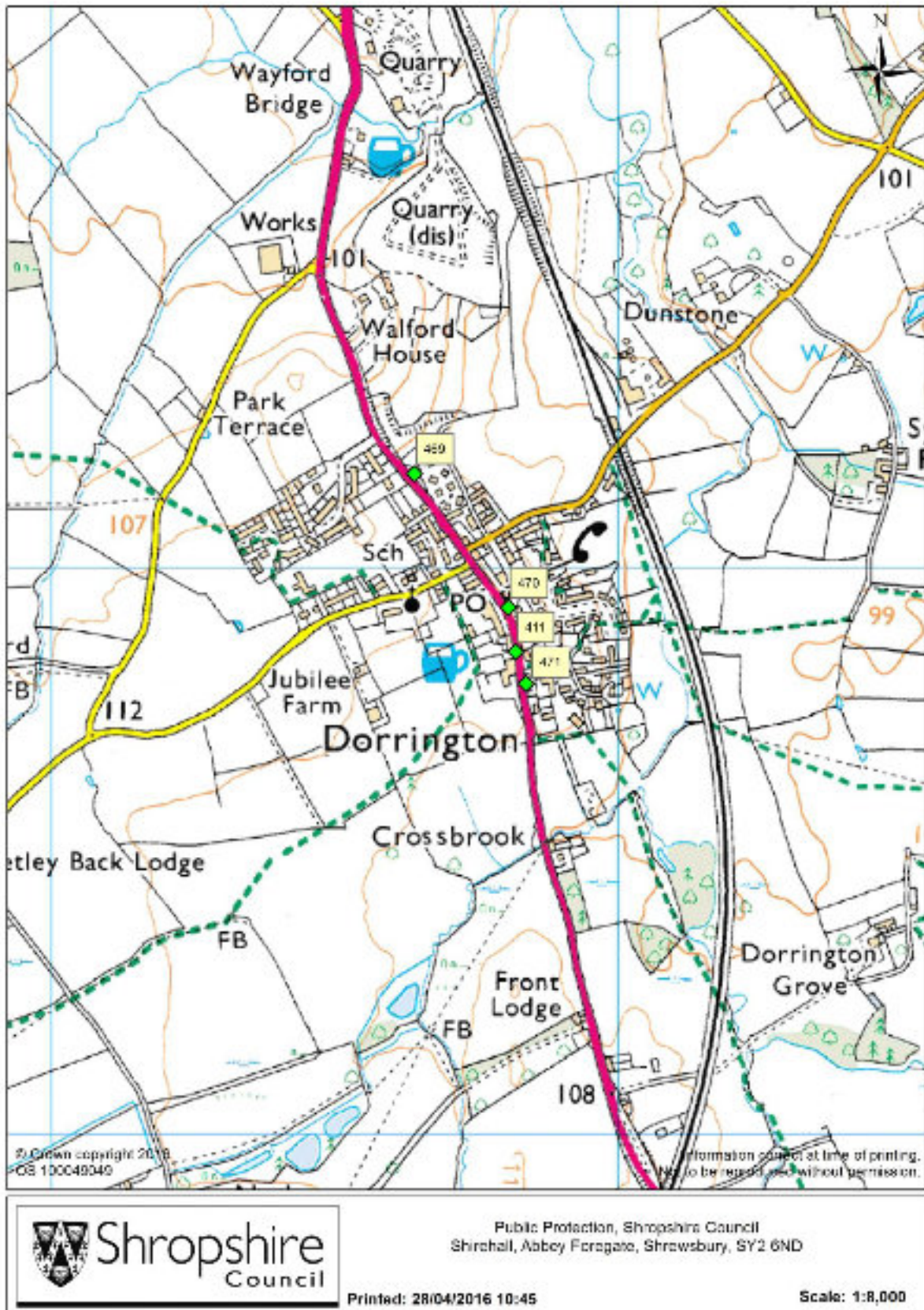
Bridgnorth dif usion tube locations



Cleobury Mortimer dif usion tube locations



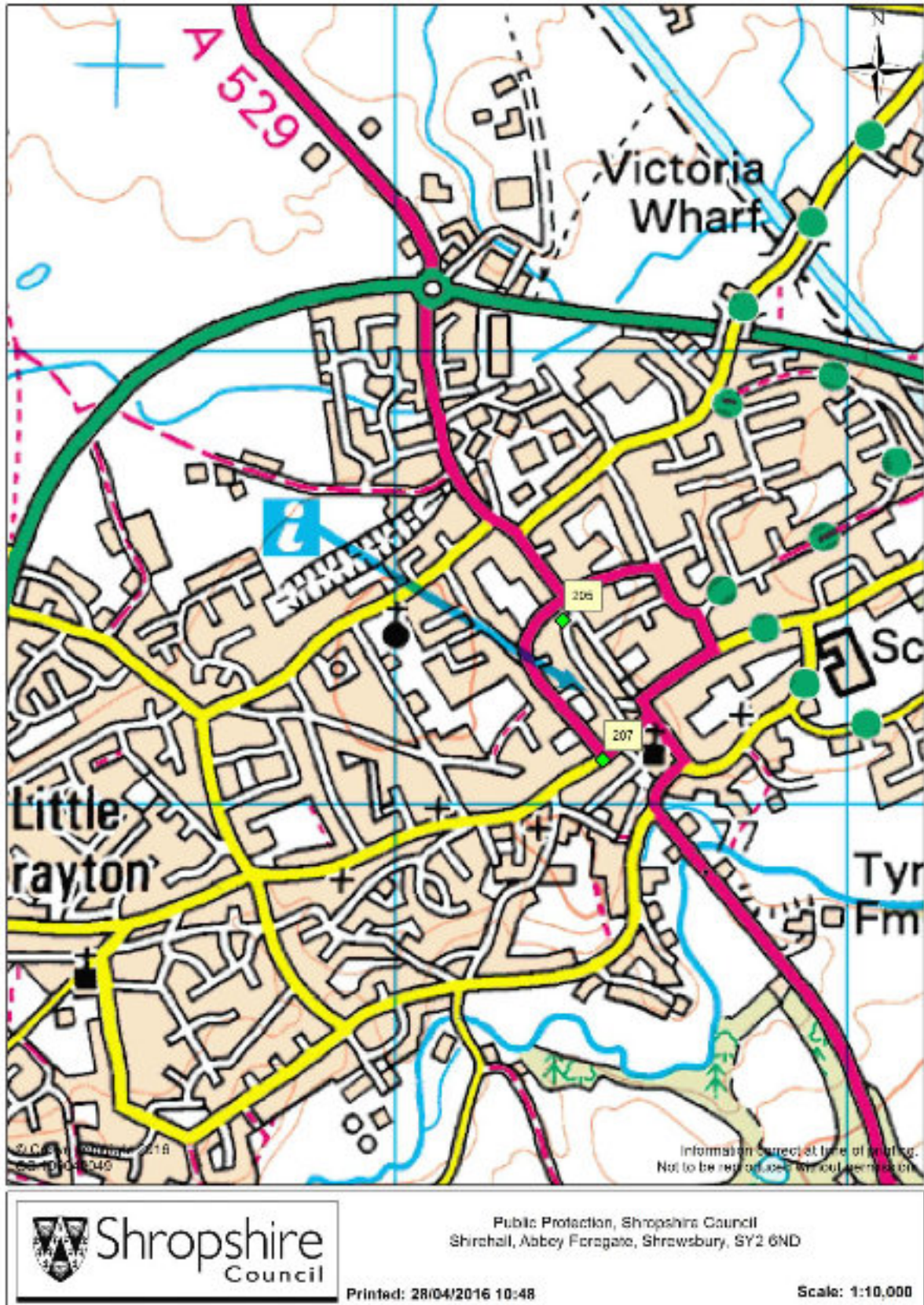
Dorrington diffusion tube locations



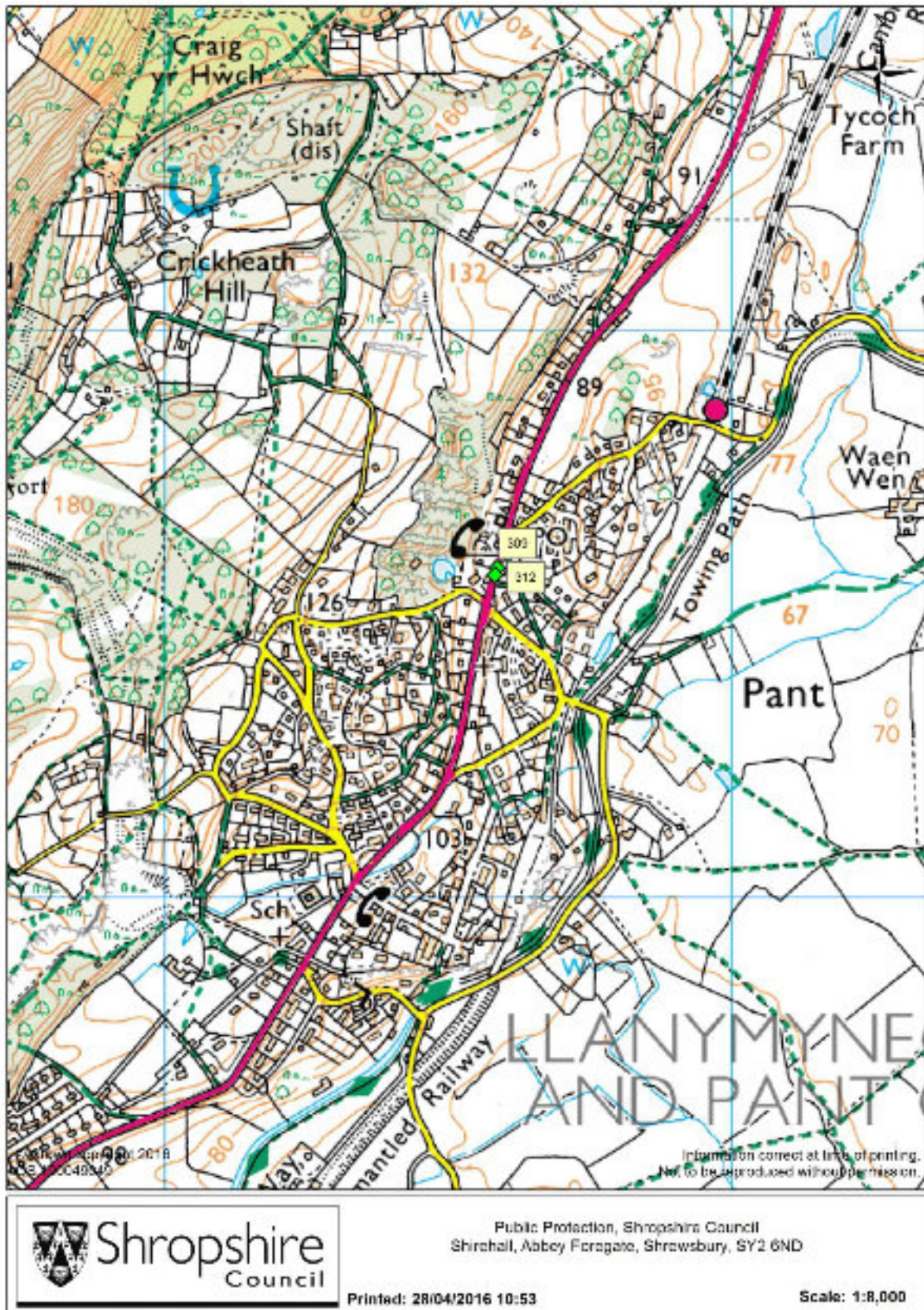
Ludlow diffusion tube locations



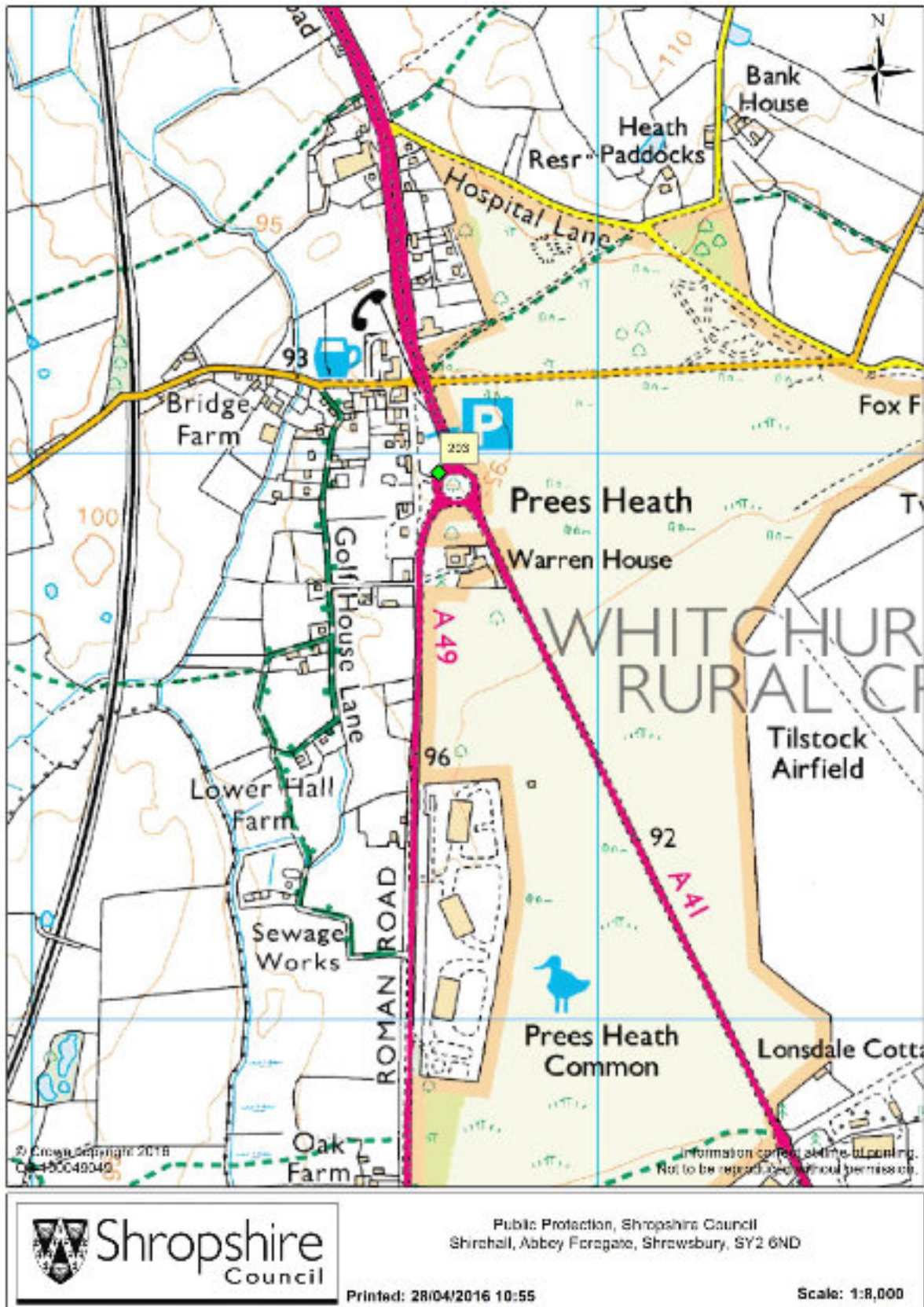
Market Drayton dif usion tube locations



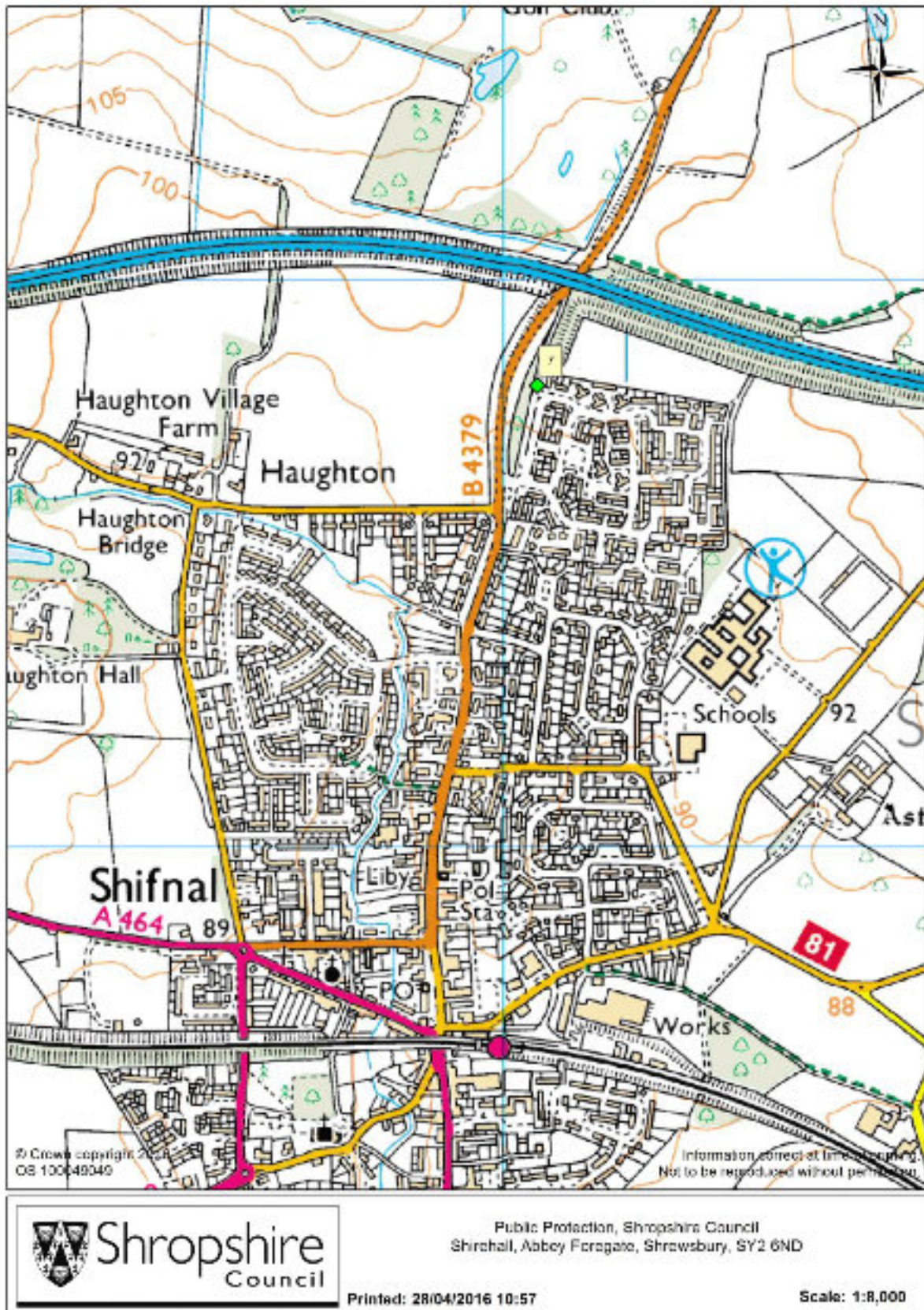
Pant diffusion tube locations



Prees Heath dif usion tube locations




Shifnal dif usion tube location

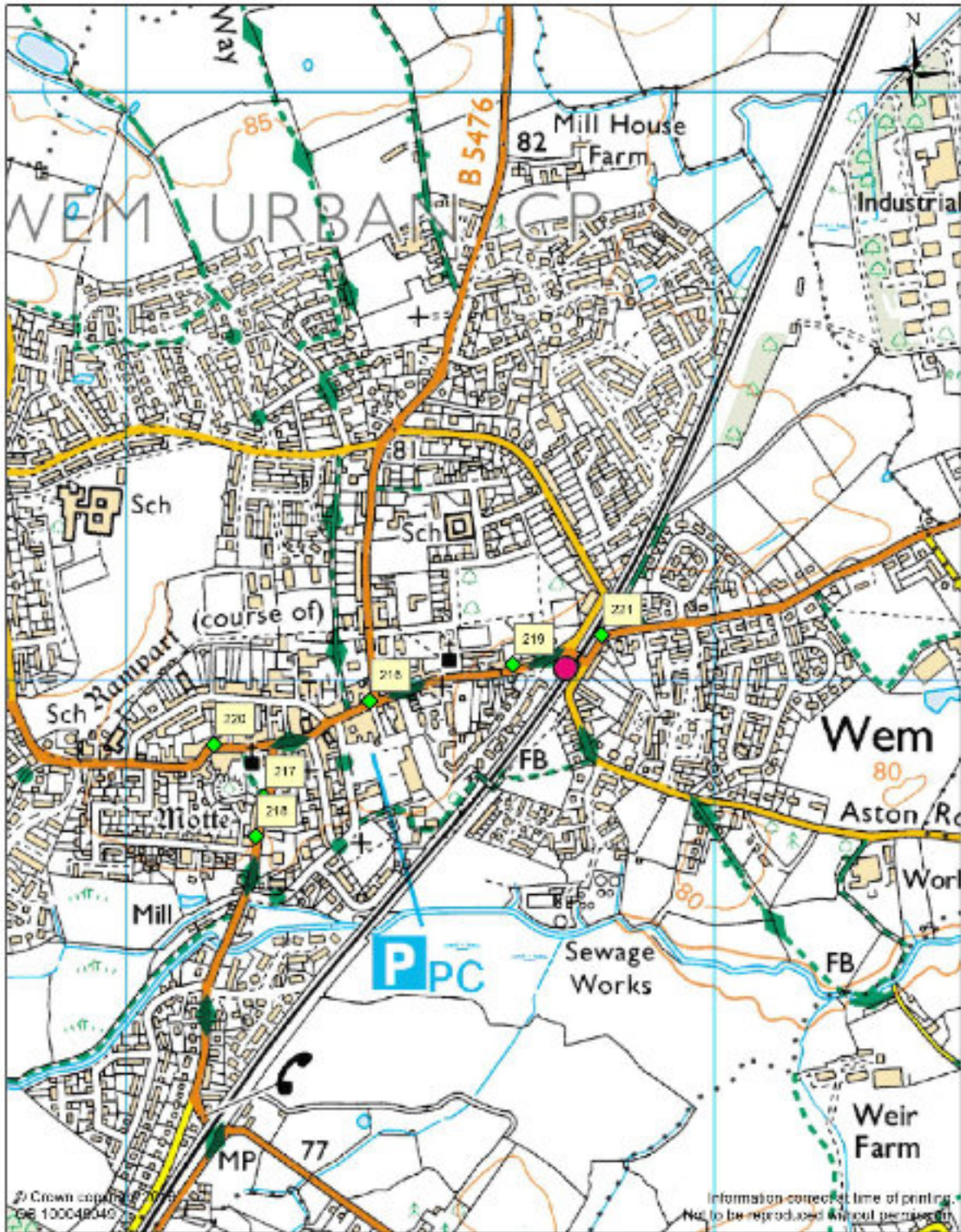



Tern Hill Roundabout dif usion tube locations



 Shropshire Council	Public Protection, Shropshire Council Shirhall, Abbey Foregate, Shrewsbury, SY2 6ND
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Wem dif usion tube locations



 **Shropshire Council**
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Shirhall, Abbey Foregate, Shrewsbury, SY2 6ND
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Scale: 1:8,000

Whitchurch dif usion tube locations



Oswestry AQMA diffusion tube locations

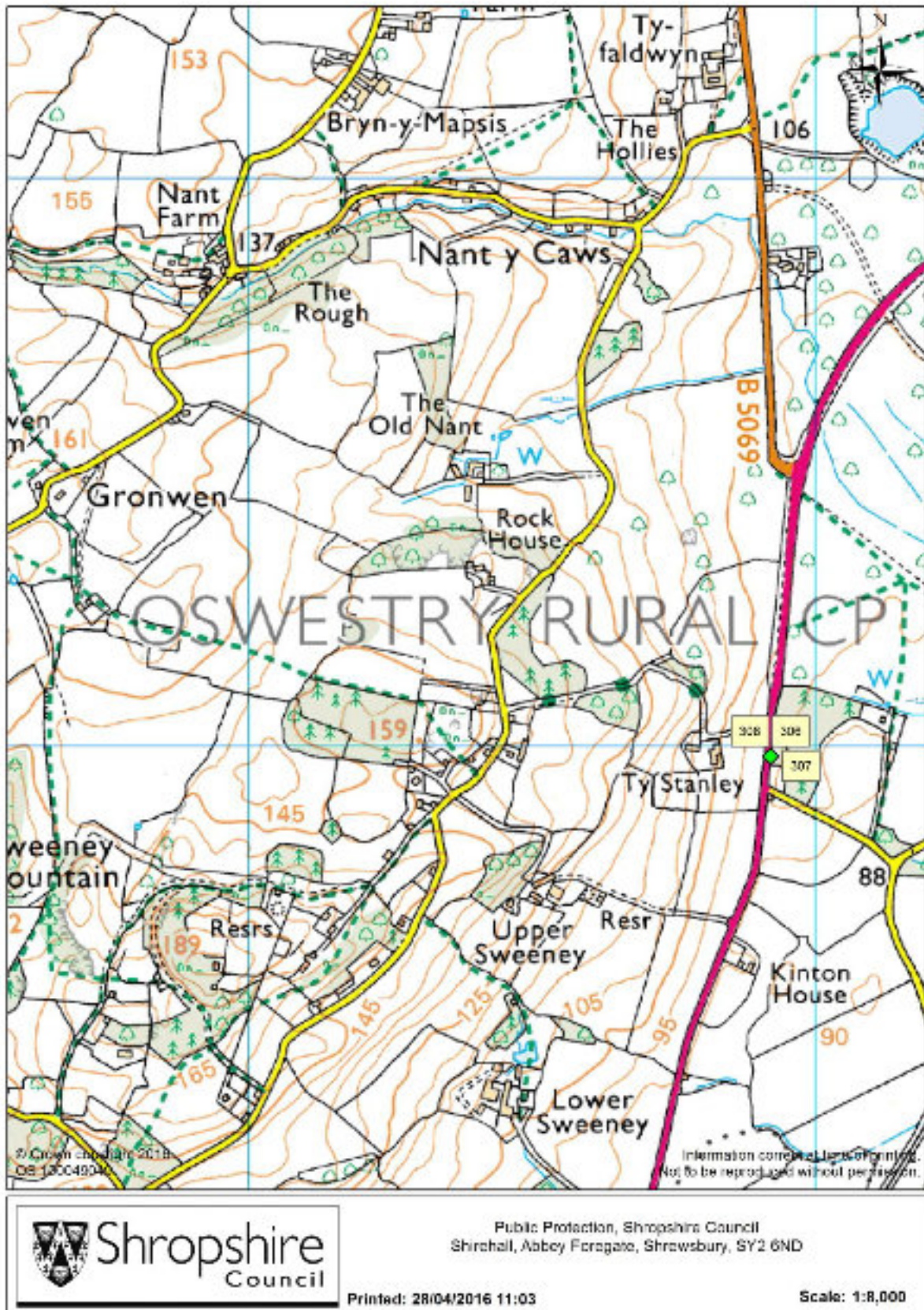


Table 3. Details of Non-Automatic Monitoring Sites

Area	Site Name	Ref	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Is monitoring collocated with a Continuous Analyser (Y/N)	Distance to kerb of nearest road (N/A if not applicable)	Distance from kerb to nearest receptor (N/A if no relevant receptor)	Does this location represent worst case exposure?	Comments
Shrewsbury	Whitchurch Road	455	Roadside	351523	316578	NO ₂	No	No	3.3m	6.4m	Yes	
Shrewsbury	Shillington Dr/ Battlefield Rd	405	Roadside	351500	316218	NO ₂	No	No	18m	13.4m	Yes	
Shrewsbury	135 Harlescott Lane	439	Roadside	350477	316167	NO ₂	No	No	12.6m	12.6m	Yes	
Shrewsbury	York Road	454	Roadside	350327	315686	NO ₂	No	No	1.9m	7.5m	Yes	
Shrewsbury	Whitchurch Rd, adj. to Morrison	412	Roadside	350533	314786	NO ₂	Yes	No	2.8m	7.4m	Yes	
Shrewsbury	Ditherington Rd /Mount Pleasant	406	Roadside	350264	314378	NO ₂	Yes	No	2.4m	3.6m	Yes	
Shrewsbury	Heathgates Pub	433	Roadside	350436	314607	NO ₂	Yes	No	6.7m	6.7m	Yes	
Shrewsbury	Darwens Wood	449	Roadside	346796	313509	NO ₂	No	No	0.2m	5.5m	Yes	
Shrewsbury	Welshpool Road	448	Roadside	345769	313223	NO ₂	No	No	2.8m	2.9m	Yes	
Shrewsbury	Mytton Oak Road	401	Roadside	346481	312421	NO ₂	No	No	1.5m	8.9m	Yes	
Shrewsbury	Meole brace	417	Roadside	348929	310108	NO ₂	No	No	1.5m	20.3m	No	
Shrewsbury	A49 Bayston Hill	400	Roadside	348726	308959	NO ₂	Yes	No	1.4m	1.4m	Yes	
Shrewsbury	AQ station, Bayston Hill	452	Roadside	348778	309023	NO ₂	Yes	No	7.0m	NA	Yes	
Shrewsbury	Coton Hill /Berwick Rd	456	Roadside	349214	313427	NO ₂	No	No	1.25m	4.15	Yes	

Shropshire Council

Area	Site Name	Ref	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Is monitoring collocated with a Continuous Analyser (Y/N)	Distance to kerb of nearest road (N/A if not applicable)	Distance from kerb to nearest receptor (N/A if no relevant receptor)	Does this location represent worst case exposure?	Comments
Shrewsbury	Ellesmere Rd/ Berwick Rd	457	Roadside	349242	313456	NO ₂	No	No	1.0m	1.15m	Yes	
Shrewsbury	Ellesmere Rd	453	Roadside	349306	313639	NO ₂	No	No	1.2m	6.3m	Yes	
Shrewsbury	Longden Coleham junction	450	Roadside	349710	312187	NO ₂	No	No	3.9m	4.0m	Yes	
Shrewsbury	Longden Coleham	451	Roadside	349344	311970	NO ₂	No	No	2.0m	4.3m	Yes	
Shrewsbury	AQMS Chester Street	444	Roadside	349378	312930	NO ₂	Yes	Yes	6.0m	8.0m	Yes	
Shrewsbury	AQMS Chester Street	445	Roadside	349378	312930	NO ₂	Yes	Yes	6.0m	8.0m	Yes	
Shrewsbury	AQMS Chester Street	446	Roadside	349378	312930	NO ₂	Yes	Yes	6.0m	8.0m	Yes	
Shrewsbury	Train Platform 4/5	447	Other*	349511	312893	NO ₂	Yes	No	2.0m form line	NA	Yes	*railway platform
Shrewsbury	Station Hotel	438	Roadside	349400	312954	NO ₂	Yes	No	1.2m	1.3m	Yes	
Shrewsbury	The Albert	436	Roadside	349283	312889	NO ₂	Yes	No	2.8m	2.8m	Yes	
Shrewsbury	The Albert Duplicate	437	Roadside	349283	312889	NO ₂	Yes	No	2.8m	2.8m	Yes	
Shrewsbury	Abbey Foregate/ Monkmoor Road	431	Roadside	350103	312380	NO ₂	No	No	4.1m	4.1m	Yes	
Shrewsbury	82/83 Frankwell	427	Roadside	348669	312957	NO ₂	Yes	No	5.0m	5.0m	No	
Shrewsbury	Brittania Inn	428	Roadside	349461	313132	NO ₂	Yes	No	3.0m	3.0m	Yes	Location lost 2014 reinstated 2015
Shrewsbury	6a Severn Steps	429	Roadside	349237	312900	NO ₂	Yes	No	1.5m	1.6m	Yes	
Shrewsbury	51 Abbey Foregate	419	Roadside	349983	312430	NO ₂	No	No	2.8m	5.9m	Yes	

Shropshire Council

Area	Site Name	Ref	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Is monitoring collocated with a Continuous Analyser (Y/N)	Distance to kerb of nearest road (N/A if not applicable)	Distance from kerb to nearest receptor (N/A if no relevant receptor)	Does this location represent worst case exposure?	Comments
Shrewsbury	25 Castle Street	420	Roadside	349396	312742	NO ₂	Yes	No	3.0m	4	Yes	
Shrewsbury	Raven Meadows / 23 Meadow Pl	413	Roadside	349283	312851	NO ₂	Yes	No	0.7m	2.4m	Yes	
Shrewsbury	English Bridge	415	Roadside	349540	312332	NO ₂	Yes	No	3.7m	2.4m	Yes	
Shrewsbury	Smithfield Rd/ Victoria Av	403	Roadside	348891	312721	NO ₂	Yes	No	2.4m	2.4m	Yes	
Shrewsbury	Town Walls, opp. Murivance	404	Roadside	348889	312326	NO ₂	Yes	No	1.8m	2.2m	Yes	
Shrewsbury	Dogpole Car Entrance	407	Roadside	349330	312503	NO ₂	Yes	No	1.9m	1.9m	No	
Shrewsbury	36 London Rd	443	Roadside	350821	311812	NO ₂	No	No	1.3m	2.9m	Yes	
Shrewsbury	Under railway bridge	458	Roadside	349426	313028	NO ₂	Yes	No	2m	NA	Yes	No receptors
Shrewsbury	Rail car park	459	Roadside	349424	312936	NO ₂	Yes	No	18m	NA	Yes	No receptors
Shrewsbury	Bellstone	460	Roadside	348952	312495	NO ₂	Yes	No	3m	3.1m	Yes	
Shrewsbury	High St, Wyle Cop	461	Roadside	349327	312389	NO ₂	Yes	No	2m	4m	Yes	
Shrewsbury	Welshpool Rd	462	Roadside	345203	313427	NO ₂	No	No	1.7m	NA	Yes	
Shrewsbury	Otley Rd Stadium	463	Roadside	349765	310451	NO ₂	No	No	4.0m	NA	Yes	
Shrewsbury	Otley Rd cycle path	464	Roadside	351138	310402	NO ₂	No	No	7.0m	NA	Yes	
Shrewsbury	10 Sundorne Road (lamp post)	465	Roadside	350440	314569	NO ₂	Yes	No	2.5m	6.0m	Yes	
Shrewsbury	Murarrie (electricity pole)	466	Roadside	350356	314533	NO ₂	Yes	No	2.8m	2.9m	Yes	
Shrewsbury	Nabwood House	467	Roadside	350349	314546	NO ₂	Yes	No	2.8m	3.0m	Yes	

Shropshire Council

Area	Site Name	Ref	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Is monitoring collocated with a Continuous Analyser (Y/N)	Distance to kerb of nearest road (N/A if not applicable)	Distance from kerb to nearest receptor (N/A if no relevant receptor)	Does this location represent worst case exposure?	Comments
	(lamp post)											
Shrewsbury	3 Whitchurch Road (downpipe)	468	Roadside	350376	314599	NO ₂	Yes	No	7.3m	7.3m	Yes	
Shrewsbury	Hem Cottage, Bayston Hill (lamp column)	472	Roadside	348750	309004	NO ₂	Yes	No	1.9m	2.1m	Yes	
Shrewsbury	Denehurst, Bayston Hill (sign post)	473	Roadside	348663	308837	NO ₂	Yes	No	0.5m	3.0m	Yes	Tube further from A49 than side road it is on.
Shrewsbury	2 Whiterock Cottage, Bayston Hill	474	Roadside	348647	308771	NO ₂	Yes	No	1.7m	2.6m	Yes	
Shrewsbury	Windyridge, Bayston Hill	475	Roadside	348646	308685	NO ₂	Yes	No	1.7m	2.2m	Yes	
Shrewsbury	Chester Street parking bay	476	Roadside	349360	312962	NO ₂	Yes	No	1.4m	1.7m	Yes	
Shrewsbury	25 Chester Street	477	Roadside	349349	313072	NO ₂	Yes	No	2.1m	3.1m	Yes	
Shrewsbury	Opp Broome Street, Chester Street	478	Roadside	349299	313106	NO ₂	Yes	No	2.9m	3.2m	Yes	
Shrewsbury	Opp Broome Street duplicate	479	Roadside	349299	313106	NO ₂	Yes	No	2.9m	3.2m	Yes	
Shrewsbury	Peking Aroma, Castle Foregates	480	Roadside	349466	313151	NO ₂	Yes	No	2.6m	3.1m	Yes	
Shrewsbury	Chester Street car park	481	Roadside	349348	313019	NO ₂	Yes	No	2.6m	3.1m	Yes	
Bishops Castle	BC Whispers	126	Roadside	332424	288432	NO ₂	No	No	1m	1m	Yes	

Shropshire Council

Area	Site Name	Ref	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Is monitoring collocated with a Continuous Analyser (Y/N)	Distance to kerb of nearest road (N/A if not applicable)	Distance from kerb to nearest receptor (N/A if no relevant receptor)	Does this location represent worst case exposure?	Comments
Bishops Castle	Old Brick Cottage	127	Roadside	332314	288566	NO ₂	No	No	1m	1m	Yes	
Bishops Castle	BC - Brick Meadow	133	Roadside	332662	288446	NO ₂	No	No	1m	1m	Yes	
Bishops Castle	BC - Grange Road	134	Roadside	332081	288464	NO ₂	No	No	1m	1m	Yes	
Bishops Castle	BC - Barclays Bank	135	Roadside	332348	288921	NO ₂	No	No	1m	1m	Yes	
Bishops Castle	BC - Rees Piece	136	Roadside	332146	289208	NO ₂	No	No	1m	1m	Yes	
Bishops Castle	BC - Oak Meadow	137	Roadside	332023	288892	NO ₂	No	No	1m	1m	Yes	
Bridgnorth	Opp. Endowed School	43	Kerbside	371524	293430	NO ₂	No	No	0.9m	NA	Yes	
Bridgnorth	Moat St.-10	10	Roadside	371569	293344	NO ₂	No	No	1.4m	1.9m	Yes	
Bridgnorth	Bryan & Knott	20	Roadside	371580	293257	NO ₂	No	No	3.75m	NA	Yes	
Bridgnorth	Bridge 55	39	Roadside	371637	293152	NO ₂	No	No	2.45m	2.45m	Yes	
Bridgnorth	Trevor Phillips	35	Roadside	371649	293068	NO ₂	No	No	1.1m	1.10m	Yes	
Bridgnorth	Shakespeare Inn	37	Roadside	371652	293016	NO ₂	No	No	1.0m	1.0m	Yes	
Bridgnorth	Citizens Advice	25	Roadside	371365	293145	NO ₂	Yes	No	1.6m	1.7m	Yes	
Bridgnorth	Smithfield	27	Roadside	371397	293179	NO ₂	Yes	No	3.3m	3.2m	Yes	
Bridgnorth	50 Whitburn St	28	Roadside	371321	293131	NO ₂	Yes	No	1.7m	1.9m	Yes	
Bridgnorth	Adj. Rutters	29	Roadside	371297	293108	NO ₂	Yes	No	3.3m	4.3m	Yes	
Bridgnorth	Pound St	13	Kerbside	371345	293081	NO ₂	Yes	No	0.8m	0.9m	Yes	
Bridgnorth	30A Salop St	50	Roadside	371220	293124	NO ₂	Yes	No	1.2m	3.0m	Yes	
Bridgnorth	Ebenezer Rd	14	Roadside	371636	292933	NO ₂	No	No	1.3m	1.7m	Yes	
Bridgnorth	Cartway, Low	64	Roadside	371795	293115	NO ₂	No	No	1.5m	1.5m	Yes	

Shropshire Council

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	Town											
Bridgnorth	8 Underhill St	58	Roadside	371795	292947	NO ₂	No	No	1.85m	1.85m	Yes	
Bridgnorth	2A Underhill	59	Roadside	371799	293011	NO ₂	No	No	1.6m	1.6m	Yes	
Bridgnorth	15 Bridge St	60	Roadside	371807	293016	NO ₂	No	No	1.4m	1.5m	Yes	Removed 2013 due to building works
Bridgnorth	Lavington Court	16	Roadside	371790	292817	NO ₂	No	No	1.95m	2.9m	Yes	
Bridgnorth	Underhill St	17	Roadside	371809	292969	NO ₂	No	No	1.75m	1.75m	No	
Bridgnorth	Analyser	54	Roadside	371763	292774	NO ₂	No	Yes	2.4m	NA	Yes	
Bridgnorth	Analyser	55	Roadside	371763	292774	NO ₂	No	Yes	2.4m	NA	Yes	
Bridgnorth	Analyser	56	Roadside	371763	292774	NO ₂	No	Yes	2.6m	NA	Yes	
Bridgnorth	2 Bridge St	61	Roadside	371951	292992	NO ₂	No	No	2.0m	2.0m	Yes	
Bridgnorth	2 Mill St	62	Roadside	372031	292993	NO ₂	No	No	1.0m	1.0m	Yes	
Bridgnorth	Post Office - St Johns	63	Roadside	372072	292976	NO ₂	No	No	2.0m	2.0m	Yes	
Bridgnorth	Mill Street, Low Town	65	Roadside	372026	293058	NO ₂	No	No	2.1m	2.1m	Yes	
Bridgnorth	Mill St	19	Roadside	372060	293129	NO ₂	No	No	2.4m	5.4m	No	
Bridgnorth	Mill Street, Low Town	66	Roadside	372159	293232	NO ₂	No	No	2.1m	5.1m	No	
Bridgnorth	Charles Fox	18	Roadside	372155	292961	NO ₂	No	No	2.0m	Over 10m	Yes	
Bridgnorth	Hospital Street	67	Roadside	372166	292825	NO ₂	No	No	1.6m	1.3m	Yes	
Bridgnorth	Kidderminster Rd	5	Roadside	372145	292436	NO ₂	No	No	1.9m	21.7m	Yes	
Bridgnorth	Oaklands	68	Roadside	372738	292690	NO ₂	No	No	2.2m	9.6m	Yes	

Shropshire Council

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Bridgnorth	Stourbridge Road	69	Roadside	372567	292453	NO ₂	No	No	1.1m	9.0m	Yes	
Bridgnorth	Stourbridge Road	70	Roadside	372770	292364	NO ₂	No	No	1.1m	8.1m	Yes	
Bridgnorth	Junction-Kingsloade	57	Roadside	371669	292579	NO ₂	No	No	1.6m	5.1m	Yes	
Much Wenlock	Gaskell Corner	47	Roadside	362100	299793	NO ₂	No	No	0.80m	8.0m	No	
Cleobury Mortimer	Opp. Osborne Cottage	141	Roadside	367056	275715	NO ₂	No	No	3.7m	1.3m	Yes	
Cleobury Mortimer	Cleobury	128	Roadside	367184	275715	NO ₂	No	No	1.8m	2.3m	No	
Cleobury Mortimer	CM - Bus Shelter	140	Roadside	367266	275727	NO ₂	No	No	0.8m	6.0m	Yes	
Cleobury Mortimer	CM - Post Office	139	Roadside	367322	275713	NO ₂	No	No	1.0m	3.5m	Yes	
Cleobury Mortimer	CM - Lower Street	138	Roadside	367577	275992	NO ₂	No	No	2.0m	3.0m	Yes	
Dorrington	Horseshoes Inn	411	Roadside	347821	302851	NO ₂	No	No	3.0m	3.0m	No	
Dorrington	23 Main Street	469	Roadside	347642	303165	NO ₂	No	No	3.3m	3.4m	Yes	
Dorrington	13 Main Street	470	Roadside	347808	302929	NO ₂	No	No	1.6m	1.7m	Yes	
Dorrington	Butchers	471	Roadside	347839	302795	NO ₂	No	No	1.0m	1.1m	Yes	
Ludlow	Corve Street Coral	117	Roadside	351239	274708	NO ₂	No	No	2.1m	2.2m	Yes	
Ludlow	Corve Street Coral	130	Roadside	351249	274706	NO ₂	No	No	1.75m	2.00m	Yes	
Ludlow	Corve Street Coral	131	Roadside	351249	274706	NO ₂	No	No	1.75m	2.00m	Yes	
Ludlow	Old Street	104	Roadside	351250	274683	NO ₂	No	No	2.2m	8.7m	Yes	
Market Drayton	Market Drayton	205	Roadside	367373	334404	NO ₂	No	No	2.5m	4.9m	Yes	
Market Drayton	Shropshire St MD	207	Roadside	367462	334095	NO ₂	No	No	2.4m	5.4m	Yes	

Shropshire Council

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Oswestry	Willowgate	301	Roadside	328895	329818	NO ₂	No	No	3.2m	3.3m	Yes	
Oswestry	74 Castle Street	305	Roadside	328978	329879	NO ₂	No	No	1.9m	2.0m	Yes	
Oswestry AQMA	A483 (1)	306	Roadside	328922	325981	NO ₂	Yes*	No	1.4m	1.4m	Yes	*representative of
Oswestry AQMA	A483 (2)	307	Roadside	328922	325981	NO ₂	Yes*	No	1.4m	1.4m	Yes	*representative of
Oswestry AQMA	A483 (3)	308	Roadside	328922	325981	NO ₂	Yes*	No	1.4m	1.4m	Yes	*representative of
Pant	Pant (1) AQMS	309	Roadside	327588	322580	NO ₂	No	No	1.85m	2.3m	Yes	
Pant	Pant Village Hall	312	Roadside	327584	322568	NO ₂	No	No	1.85m	2.3m	Yes	
Prees Heath	Prees Heath	203	Roadside	355720	337966	NO ₂	No	No	2.0m	17.0m	Yes	
Shifnal	Admirals Park	7	Roadside	375061	308813	NO ₂	No	No	3.0m	12.6m	Yes	
Tern Hill	Tern Hill Petrol Station	204	Roadside	363579	332212	NO ₂	No	No	2.6m	NA	No	No receptor.
Tern Hill	Tern Hill Roundabout	212	Roadside	363600	332194	NO ₂	No	No	2.7m	5.9m	Yes	
Tern Hill	Tern Hill Petrol Station	213	Roadside	363603	332195	NO ₂	No	No	2.6m	NA	No	No receptor.
Tern Hill	Tern Hill Roundabout	214	Roadside	363600	332194	NO ₂	No	No	2.7m	5.9m	Yes	
Tern Hill	Tern Hill Guesthouse	222	Roadside	363604	332195	NO ₂	No	No	7.0m	7.0m	Yes	
Tern Hill	Tern Hill Barn	223	Roadside	363648	332337	NO ₂	No	No	0.8m	1.6m	Yes	
Tern Hill	Tern Hill Willow Barn	224	Roadside	363534	332165	NO ₂	No	No	7.0m	7.0m	Yes	
Tern Hill	Tern Hill Roundabout	215	Roadside	363600	332194	NO ₂	No	No	2.7m	5.9m	Yes	
Wem	Soulton Road,	221	Other*	351809	329077	NO ₂	No	No	3.0m	3.0m	Yes	

Shropshire Council

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	Wem											
Wem	Aston Street, Wem	219	Roadside	351658	329027	NO ₂	No	No	1.0m	1.8m	Yes	
Wem	Wem High St	216	Roadside	351415	328965	NO ₂	No	No	2.5m	2.6m	Yes	
Wem	High Street, Wem	220	Roadside	351150	328891	NO ₂	No	No	1.5m	1.6m	Yes	
Wem	Mill Street, Wem	217	Roadside	351235	328802	NO ₂	No	No	1.6m	1.9m	Yes	
Wem	Mill Street, Wem	218	Kerbside	351221	328735	NO ₂	No	No	0.9m	1.2m	Yes	
Whitchurch	Station Road	202	Roadside	354562	341491	NO ₂	No	No	3.0m	10.0m	Yes	
Whitchurch	High Street	208	Roadside	354158	341550	NO ₂	No	No	2.0m	2.1m	Yes	
Whitchurch	Tilstock Roundabout	211	Roadside	354377	340069	NO ₂	No	No	3.0m	19.10m	Yes	

2.2 Comparison of Monitoring Results with Air Quality Objectives

Shropshire Council has three continuous NO_x monitors and an extensive network of diffusion tubes.

2.2.1 Nitrogen Dioxide

Automatic Monitoring Data

Continuous monitors are located in Bridgnorth, Ludlow and Shrewsbury. Data for each monitor can be found below along with any notes indicating why data may not be available for reporting.

Bridgnorth

Monitoring period: 2010

Valid data capture: 78%

Annual average: 39.89 µg/m³ (2dp)

Highest recorded 15min NO₂ concentration: 169.1 µg/m³

Monitoring Period: 2011-13

Notes: *not ratified to date*

Monitoring Period: 2014

Notes: *equipment faults resulted in a large proportion of data being lost. Not enough data captured to annualise.*

The monitoring location was removed in early 2015 following review of monitoring requirements.

Ludlow

Monitoring period: *July – December 2013*

Valid data capture: 95%

Annual average: 32.06 µg/m³

Highest recorded 15min NO₂ concentration: 320.91 µg/m³

Notes: *data not annualised due to specific microclimate making any comparison unreliable. No hourly averages over 200 µg/m³ therefore no likely breach of the hourly objective.*

Monitoring period: 2014

Valid data capture: 86%

Annual average: 35.68 µg/m³

Highest recorded 15min NO₂ concentration: 358.68 µg/m³

Notes: *2 hours recorded over 200 µg/m³ therefore no likely breach of hourly objective.*

The monitoring location was removed in early 2015 following review of monitoring requirements.

Shrewsbury (Chester Street)

Monitoring period: 2010-2012

Notes: *no data available to ratify raw data. Due to significant drift over time raw data not reliable to use for any assumptions or trends*

Monitoring period: 2013

Notes: *Relocation of monitor due to local regeneration project. Not enough data captured to allow any conclusions to be drawn*

Monitoring period: 2014

Valid data capture: 96%

Annual average: 31.45 $\mu\text{g}/\text{m}^3$

Highest recorded 15 minute NO₂ concentration: 224.62 $\mu\text{g}/\text{m}^3$

Notes: *no hourly averages over 200 $\mu\text{g}/\text{m}^3$ therefore no likely breach of the hourly objective level.*

Monitoring period: 2015

Valid data capture: 86.5%

Annual Average: 26.8 $\mu\text{g}/\text{m}^3$

Highest recorded 15 minute NO₂ concentration: 149.57 $\mu\text{g}/\text{m}^3$

Notes: *no hourly averages over 200 $\mu\text{g}/\text{m}^3$ therefore no likely breach of the hourly objective level.*

Nitrogen Dioxide Diffusion Tube Monitoring Data

Table 4 shows annual average results for all diffusion tube locations in 2015 including data capture.

Table 5 shows annual mean nitrogen dioxide results of annual averages, all bias adjusted, for all diffusion tube locations from 2009 to 2015. Appendix B contains monthly data for 2010-2015.

In order to assess which locations require further thought the following actions have been taken:

- Locations recording over $36\mu\text{g}/\text{m}^3$ in any of the last 5 years have been considered. The reasoning is that diffusion tubes are generally seen to be accurate to +/- 20%. Selecting a concentration 10% below the objective level as a filter gives confidence that anything that may have the potential to breach the limit is being considered as it is unlikely that each monthly tube in one location will consistently under report by 10% or more on average over a whole year.
- Tube locations currently within AQMAs will not be considered as these areas are already known and action plans will establish how reductions are to be sought in future. These locations have therefore been removed.
- NO_2 concentrations at building facades has been calculated using the Nitrogen Dioxide fall of with distance calculator provided on the DEFRA webpages to predict NO_2 concentrations at relevant receptors.
- Trend data is considered where appropriate and tubes found to have reductions year on year will be removed as this evidence shows a downward trend and therefore a gradual improvement, most likely due to vehicle emission improvement or traffic management measures in the area.
- Any locations remaining will be discussed. Table 6 below shows a table of all tubes which, after the process above, predict annual average nitrogen dioxide concentrations over $36\mu\text{g}/\text{m}^3$ after bias adjustment at relevant receptors.

Table 4. Results of Nitrogen Dioxide Diffusion Tubes in 2015 (where tubes were removed in 2014 the 2014 result is shown denoted by *)

Area	Site Name	Ref	Site Type	Within AQMA	Triplicate or co-located	Data Capture (months)	Data with less than 9 months has been annualised (Y/N)	Confirm if data has been distance corrected (Y/N)	Annual mean NO ₂ concentration (µg/m ³) bias adjusted (factor 0.91)
Shrewsbury	Whitchurch Road	455	Roadside	No	No	12	NA	N	20.2
Shrewsbury	Shillington Dr/ Battlefield Rd	405	Roadside	No	No	12	NA	N	18.1
Shrewsbury	135 Harlescott Lane	439	Roadside	No	No	12	NA	N	11.9
Shrewsbury	York Road	454	Roadside	No	No	12	NA	N	15.0
Shrewsbury	Whitchurch Rd, adj. to Morrison	412	Roadside	Yes	No	12	NA	N	30.2
Shrewsbury	Ditherington Rd /Mount Pleasant	406	Roadside	Yes	No	10	NA	N	29.9
Shrewsbury	Heathgates Pub	433	Roadside	Yes	No	12	NA	N	24.0
Shrewsbury	Darwens Wood	449	Roadside	No	No	12	NA	N	22.5
Shrewsbury	Welshpool Road	448	Roadside	No	No	12	NA	N	10.4
Shrewsbury	Mytton Oak Road	401	Roadside	No	No	11	NA	N	18.7
Shrewsbury	Meole brace	417	Roadside	No	No	12	NA	N	25.5
Shrewsbury	A49 Bayston Hill	400	Roadside	Yes	No	11	NA	N	27.4
Shrewsbury	AQ station, Bayston Hill	452	Roadside	Yes	No	12	NA	N	27.3
Shrewsbury	Coton Hill /Berwick Rd	456	Roadside	No	No	12	NA	N	42.2
Shrewsbury	Ellesmere Rd/ Berwick Rd	457	Roadside	No	No	12	NA	N	37.3
Shrewsbury	Ellesmere Rd	453	Roadside	No	No	12	NA	N	20.8
Shrewsbury	AQMS Chester Street	444	Roadside	Yes	Yes	12	NA	N	31.5*
Shrewsbury	AQMS Chester Street	445	Roadside	Yes	Yes	12	NA	N	32.6*

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Area	Site Name	Ref	Site Type	Within AQMA	Triplicate or co-located	Data Capture (months)	Data with less than 9 months has been annualised (Y/N)	Confirm if data has been distance corrected (Y/N)	Annual mean NO ₂ concentration (µg/m ³) bias adjusted (factor 0.91)
Shrewsbury	AQMS Chester Street	446	Roadside	Yes	Yes	12	NA	N	30.1
Shrewsbury	Train Platform 4/5	447	Other*	Yes	No	12	NA	N	35.3
Shrewsbury	Station Hotel	438	Roadside	Yes	No	11	NA	N	60.8
Shrewsbury	The Albert	436	Roadside	Yes	No	12	NA	N	36.1
Shrewsbury	The Albert Duplicate	437	Roadside	Yes	No	12	NA	N	37.3
Shrewsbury	82/83 Frankwell	427	Roadside	Yes	No	12	NA	N	28.0
Shrewsbury	Brittania Inn	428	Roadside	Yes	No	2	NA	N	position lost
Shrewsbury	6a Severn Steps	429	Roadside	Yes	No	11	NA	N	27.5
Shrewsbury	51 Abbey Foregate	419	Roadside	No	No	12	NA	N	28.0
Shrewsbury	25 Castle Street	420	Roadside	Yes	No	7	NA	N	29.1
Shrewsbury	Raven Meadow/23 Meadow Pl	413	Roadside	Yes	No	12	NA	N	31.8
Shrewsbury	English Bridge	415	Roadside	Yes	No	6**	No	N	28.2*
Shrewsbury	Smithfield Rd/ Victoria Av	403	Roadside	Yes	No	12	NA	N	31.7
Shrewsbury	Town Walls, opp Murivance	404	Roadside	Yes	No	12	NA	N	16.9
Shrewsbury	Dogpole Car Entrance	407	Roadside	Yes	No	12	NA	N	27.5
Shrewsbury	36 London Rd	443	Roadside	No	No	12	N	N	23.2
Shrewsbury	Undr railway bridge	458	Roadside	Yes	No	12	NA	N	52.4
Shrewsbury	Rail car park	459	Roadside	No	No	11	NA	N	35.9
Shrewsbury	Bellstone	460	Roadside	No	No	11	NA	N	25.3
Shrewsbury	High St, Wyle Cop	461	Roadside	No	No	12	NA	N	32.7
Shrewsbury	Welshpool Rd	462	Roadside	No	No	12	NA	N	20.5
Shrewsbury	Otley Rd Stadium	463	Roadside	No	No	12	NA	N	16.1
Shrewsbury	Otley Rd cycle path	464	Roadside	No	No	11	NA	N	18.9
Shrewsbury	10 Sundorne Road	465	Roadside	Yes	No	12	NA	N	33.5

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Area	Site Name	Ref	Site Type	Within AQMA	Triplicate or co-located	Data Capture (months)	Data with less than 9 months has been annualised (Y/N)	Confirm if data has been distance corrected (Y/N)	Annual mean NO ₂ concentration (µg/m ³) bias adjusted (factor 0.91)
Shrewsbury	Murarrie	466	Roadside	Yes	No	12	NA	N	34.3
Shrewsbury	Nabwood House	467	Roadside	Yes	No	12	NA	N	29.5
Shrewsbury	3 Whitchurch Road	468	Roadside	Yes	No	12	NA	N	22
Shrewsbury	Hem Cottage	472	Roadside	Yes	No	11	NA	N	33.4
Shrewsbury	Denehurst	473	Roadside	Yes	No	12	NA	N	29.2
Shrewsbury	2 Whiterock Cottage	474	Roadside	Yes	No	11	NA	N	36.4
Shrewsbury	Windyridge	475	Roadside	Yes	No	11	NA	N	40.9
Shrewsbury	Chester Street parking bay	476	Roadside	Yes	No	10	NA	N	28.7
Shrewsbury	25 Chester Street	477	Roadside	Yes	No	10	NA	N	31
Shrewsbury	Opp Broome Street	478	Roadside	No	No	9	NA	N	30.2
Shrewsbury	Broome Street Duplicate	479	Roadside	No	No	10	NA	N	32.9
Shrewsbury	Peking Aroma, Castle Foregate	480	Roadside	Yes	No	10	NA	N	33
Shrewsbury	Chester Street car park	481	Roadside	Yes	No	10	NA	N	26.6
Bishops Castle	BC Whsipers	126	Roadside	No	No	11	NA	N	12.7*
Bishops Castle	Old Brick Cottage	127	Roadside	No	No	11	NA	N	13.3
Bishops Castle	BC - Brick Meadow	133	Roadside	No	No	11	NA	N	9.6*
Bishops Castle	BC - Grange Road	134	Roadside	No	No	11	NA	N	5.7*
Bishops Castle	BC - Barclays Bank	135	Roadside	No	No	12	NA	N	12.0
Bishops Castle	BC - Rees Piece	136	Roadside	No	No	11	NA	N	12.0*
Bishops Castle	BC - Oak Meadow	137	Roadside	No	No	12	NA	N	6.9*
Bridgnorth	Opp. Endowed School	43	Kerbside	No	No	12	NA	N	27.9
Bridgnorth	Moat St.-10	10	Roadside	No	No	12	NA	N	23.4
Bridgnorth	Bryan & Knott	20	Roadside	No	No	12	NA	N	21.3
Bridgnorth	Citizens Advice	25	Roadside	Yes	No	12	NA	N	28.0

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Area	Site Name	Ref	Site Type	Within AQMA	Triplicate or co-located	Data Capture (months)	Data with less than 9 months has been annualised (Y/N)	Confirm if data has been distance corrected (Y/N)	Annual mean NO ₂ concentration (µg/m ³) bias adjusted (factor 0.91)
Bridgnorth	Smithfield	27	Roadside	Yes	No	12	NA	N	26.5
Bridgnorth	50 Whitburn St	28	Roadside	Yes	No	12	NA	N	51.2
Bridgnorth	Adj. Rutters	29	Roadside	Yes	No	12	NA	N	29.0
Bridgnorth	Pound St	13	Kerbside	Yes	No	12	NA	N	41.9
Bridgnorth	30A Salop St	50	Roadside	Yes	No	12	NA	N	32.1
Bridgnorth	Ebenezer Rd	14	Roadside	No	No	12	NA	N	17.9
Bridgnorth	Cartway, Low Town	64	Roadside	No	No	12	NA	N	13.2
Bridgnorth	8 Underhill St	58	Roadside	No	No	10	NA	N	37.4
Bridgnorth	2A Underhill	59	Roadside	No	No	12	NA	N	32.1
Bridgnorth	15 Bridge St	60	Roadside	No	No	0	NA	N	position lost
Bridgnorth	Lavington Court	16	Roadside	No	No	12	NA	N	34.7
Bridgnorth	Underhill St	17	Roadside	No	No	12	NA	N	21.7
Bridgnorth	Analyser	54	Roadside	No	Yes	12	NA	N	36.8
Bridgnorth	Analyser	55	Roadside	No	Yes	12	NA	N	37.7*
Bridgnorth	Analyser	56	Roadside	No	Yes	12	NA	N	35.9*
Bridgnorth	2 Bridge St	61	Roadside	No	No	12	NA	N	31.6
Bridgnorth	2 Mill St	62	Roadside	No	No	12	NA	N	39.7
Bridgnorth	Post Office - St Johns	63	Roadside	No	No	12	NA	N	31.6
Bridgnorth	Mill Street, Low Town	65	Roadside	No	No	12	NA	N	36.2
Bridgnorth	Mill St	19	Roadside	No	No	12	NA	N	32.3
Bridgnorth	Mill Street, Low Town	66	Roadside	No	No	12	NA	N	32.8
Bridgnorth	Charles Fox	18	Roadside	No	No	12	NA	N	26.1
Bridgnorth	Hospital Street	67	Roadside	No	No	12	NA	N	38.7
Bridgnorth	Kidderminster Rd	5	Roadside	No	No	12	NA	N	27.9

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Area	Site Name	Ref	Site Type	Within AQMA	Triplicate or co-located	Data Capture (months)	Data with less than 9 months has been annualised (Y/N)	Confirm if data has been distance corrected (Y/N)	Annual mean NO ₂ concentration (µg/m ³) bias adjusted (factor 0.91)
Bridgnorth	Stourbridge Road	69	Roadside	No	No	12	NA	N	21.9
Bridgnorth	Stourbridge Road	70	Roadside	No	No	12	NA	N	25.2*
Bridgnorth	Junction-Kingsloade	57	Roadside	No	No	12	NA	N	20.1
Much Wenlock	Gaskell Corner	47	Roadside	No	No	6**	N	N	26.2*
Cleobury Mortimer	Opp. Osborne Cottage	141	Roadside	No	No	12	N	N	20.2
Cleobury Mortimer	Cleobury	128	Roadside	No	No	11	NA	N	31.6
Cleobury Mortimer	CM - Bus Shelter	140	Roadside	No	No	12	NA	N	24.9
Cleobury Mortimer	CM - Post Office	139	Roadside	No	No	12	NA	N	29.1
Cleobury Mortimer	CM - Lower Street	138	Roadside	No	No	12	NA	N	23.0
Dorrington	Horseshoes Inn	411	Roadside	No	No	12	NA	N	26.8
Dorrington	23 Main Street	469	Roadside	No	No	12	NA	N	30.8
Dorrington	13 Main Street	470	Roadside	No	No	12	NA	N	37.1
Dorrington	Butchers	471	Roadside	No	No	11	NA	N	34.1
Ludlow	Corve Street Coral	117	Roadside	No	Triplicate	10	NA	N	32.3
Ludlow	Corve Street Coral	130	Roadside	No	Triplicate	11	NA	N	30.2
Ludlow	Corve Street Coral	131	Roadside	No	Triplicate	12	NA	N	30.7
Ludlow	Old Street	104	Roadside	No	No	11	NA	N	29.1
Market Drayton	Market Drayton	205	Roadside	No	No	12	NA	N	17.9
Market Drayton	Shropshire St MD	207	Roadside	No	No	11	NA	N	24.3
Oswestry	Willowgate	301	Roadside	No	No	11	NA	N	25.1
Oswestry	74 Castle Street	305	Roadside	No	No	12	NA	N	27.6
Oswestry AQMA	A483 (1)	306	Roadside	Yes*	Triplicate	12	NA	N	32.3
Oswestry AQMA	A483 (2)	307	Roadside	Yes*	Triplicate	12	NA	N	32.7
Oswestry AQMA	A483 (3)	308	Roadside	Yes*	Triplicate	12	NA	N	32.3

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Area	Site Name	Ref	Site Type	Within AQMA	Triplicate or co-located	Data Capture (months)	Data with less than 9 months has been annualised (Y/N)	Confirm if data has been distance corrected (Y/N)	Annual mean NO ₂ concentration (µg/m ³) bias adjusted (factor 0.91)
Pant	Pant Village Hall	312	Roadside	No	No	11	NA	N	25.4
Prees Heath	Prees Heath	203	Roadside	No	No	10	NA	N	29.5
Shifnal	Admirals Park	7	Roadside	No	No	12	NA	N	13.6
Tern Hill	Tern Hill Petrol Station	204	Roadside	No	No	12	NA	N	38.9
Tern Hill	Tern Hill Roundabout	212	Roadside	No	No	9	NA	N	34.8
Tern Hill	Tern Hill Guesthouse	222	Roadside	No	No	10	NA	N	28.0
Tern Hill	Tern Hill Barn	223	Roadside	No	No	12	NA	N	50.3
Tern Hill	Tern Hill Willow Barn	224	Roadside	No	No	12	NA	N	21.2
Wem	Soulton Road, Wem	221	Other*	No	No	12	NA	N	30.7*
Wem	Aston Street, Wem	219	Roadside	No	No	11	NA	N	19.9
Wem	Wem High St	216	Roadside	No	No	11	NA	N	28.9
Wem	High Street, Wem	220	Roadside	No	No	12	NA	N	26.2
Wem	Mill Street, Wem	217	Roadside	No	No	12	NA	N	35.7
Wem	Mill Street, Wem	218	Kerbside	No	No	12	NA	N	29.3
Whitchurch	Station Road	202	Roadside	No	No	8	No	N	24.7*
Whitchurch	High Street	208	Roadside	No	No	11	NA	N	16.9
Whitchurch	Tilstock Roundabout	211	Roadside	No	No	11	NA	N	33.0

**tube locations removed after results from January – June inclusive were captured.

Table 5. Results of nitrogen dioxide annual averages from dif usion tubes (2009 to 2015)

Area	Location	Ref	Site Type	Within AQMA?	Annual mean concentration (adjusted for bias) µg/m ³						
					2009 (Bias Adjustment Factor 0.90)	2010 (Bias Adjustment Factor 0.92)	2011 (Bias Adjustment Factor 0.90)	2012 (Bias Adjustment Factor 0.95)	2013 (Bias Adjustment Factor 0.96)	2014 (Bias Adjustment Factor 0.91)	2015 (Bias Adjustment Factor 0.92)
Shrewsbury	Whitchurch Road	455	Roadside	No			20.4	19.8	22.9	21.5	20.2
Shrewsbury	Shillington Dr/ Battlefield Rd	405	Roadside	No		26.7	23.9	19.9	20.7	20.1	18.1
Shrewsbury	135 Harlescott Lane	439	Roadside	No	15.1	17	14	15	14.8	14.5	11.9
Shrewsbury	York Road	454	Roadside	No			14.9	16.8	17.5	16	15.0
Shrewsbury	Whitchurch Rd, adj. to Morrison	412	Roadside	Yes	33.9	38.2	35.3	33.2	34.1	32	30.2
Shrewsbury	Ditherington Rd /Mount Pleasant	406	Roadside	Yes		34.1	29.6	28.7	31.4	26.9	29.9
Shrewsbury	Heathgates Pub	433	Roadside	Yes	25.9	28.1	25.6	27.1	26.1	25	24.0
Shrewsbury	Darwens Wood	449	Roadside	No		26.3	21.3	22.5	22.8	20.3	22.5
Shrewsbury	Welshpool Road	448	Roadside	No		17.6	12.7	10.4	11	11.1	10.4
Shrewsbury	Mytton Oak Road	401	Roadside	No	23	26.4	16.6	20.9	22.8	22.4	18.7
Shrewsbury	Meole brace	417	Roadside	No	30.3	32.5	30.4	32.6	27.5	26.3	25.5
Shrewsbury	A49 Bayston Hill	400	Roadside	Yes	40.5	43.7	38.6	32.2	33.3	33.4	27.4
Shrewsbury	AQ station, Bayston Hill	452	Roadside	Yes			27.4	34	34.4	29.5	27.3
Shrewsbury	Coton Hill /Berwick Rd	456	Roadside	No			41.1	42.3	41.2	37.9	42.2
Shrewsbury	Ellesmere Rd/ Berwick Rd	457	Roadside	No			39.7	39.6	41.4	37	37.3
Shrewsbury	Ellesmere Rd	453	Roadside	No			24.9	24	23.9	20.3	20.8

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Area	Location	Ref	Site Type	Within AQMA?	Annual mean concentration (adjusted for bias) µg/m ³						
					2009 (Bias Adjustment Factor 0.90)	2010 (Bias Adjustment Factor 0.92)	2011 (Bias Adjustment Factor 0.90)	2012 (Bias Adjustment Factor 0.95)	2013 (Bias Adjustment Factor 0.96)	2014 (Bias Adjustment Factor 0.91)	2015 (Bias Adjustment Factor 0.92)
Shrewsbury	Longden Coleham junction	450	Roadside	No		29.5	24.2	23.4	24.3	Removed	
Shrewsbury	Longden Coleham	451	Roadside	No		26.8	21.4	23	23.3	Removed	
Shrewsbury	AQMS Chester Street	444	Roadside	Yes	31.1	36.8	33.3	34.1	35.3	31.5	31.5
Shrewsbury	AQMS Chester Street	445	Roadside	Yes	33.8	37	32.9	32.5	31.9	32.6	32.6
Shrewsbury	AQMS Chester Street	446	Roadside	Yes	36.4	38.2	33.9	33	34.3	32.6	30.1
Shrewsbury	Train Platform 4/5	447	Other*	Yes	39.1	36.4	38.1	36.6	38.2	34.9	35.3
Shrewsbury	Station Hotel	438	Roadside	Yes	76.8	75.5	61.8	74.2	64.6	53.6	60.8
Shrewsbury	The Albert	436	Roadside	Yes	35.6	37	34.3	36.9	39.1	38.5	36.1
Shrewsbury	The Albert Duplicate	437	Roadside	Yes	36.7	37.9	33.2	39.8	42.7	38.4	37.3
Shrewsbury	Abbey Foregate/ Monkmoor Road	431	Roadside	No	29.9	35.5	27.1	27.7	Removed		
Shrewsbury	82/83 Frankwell	427	Roadside	Yes	29.8	31.7	27.2	28	27.9	27.2	28.0
Shrewsbury	Brittania Inn	428	Roadside	Yes	37.2	37	35.8	34.3	36.4	Location lost	
Shrewsbury	6a Severn Steps (adj.)	429	Roadside	Yes	36.4	34.2	33.1	32.1	29.6	31.4	27.5
Shrewsbury	51 Abbey Foregate	419	Roadside	No	29.6	31.6	30	26.5	31.5	27.5	28.0
Shrewsbury	25 Castle Street	420	Roadside	Yes	34.9	39.7	33	32	33.9	30.3	29.1
Shrewsbury	Raven Meadows / 23 Meadow Pl	413	Roadside	Yes	37.7	37.7	30.9	33	35.1	34.8	31.8
Shrewsbury	English Bridge	415	Roadside	Yes	31	34.6	29.2	28.5	31.7	28.2	28.2
Shrewsbury	Smithfield Rd/ Victoria Av	403	Roadside	Yes		38.9	34.4	34.1	33.9	33.7	31.7
Shrewsbury	Town Walls, opp. Murivance	404	Roadside	Yes		25.4	18.9	18.7	22.5	18.3	16.9

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Area	Location	Ref	Site Type	Within AQMA?	Annual mean concentration (adjusted for bias) µg/m ³						
					2009 (Bias Adjustment Factor 0.90)	2010 (Bias Adjustment Factor 0.92)	2011 (Bias Adjustment Factor 0.90)	2012 (Bias Adjustment Factor 0.95)	2013 (Bias Adjustment Factor 0.96)	2014 (Bias Adjustment Factor 0.91)	2015 (Bias Adjustment Factor 0.92)
Shrewsbury	Dogpole Car Entrance	407	Roadside	Yes		34.7	29.4	30.1	30.3	28	27.5
Shrewsbury	36 London Rd	443	Roadside	No	26.7	28.5	24.1	25.6	26.2	22.8	23.2
Shrewsbury	Under railway bridge	458	Roadside	Yes						57.4	52.4
Shrewsbury	Rail car park	459	Roadside	No						34.9	35.9
Shrewsbury	Bellstone	460	Roadside	No						27.2	25.3
Shrewsbury	High St, Wyle Cop	461	Roadside	No						32.2	32.7
Shrewsbury	Welshpool Rd	462	Roadside	No						21.8	20.5
Shrewsbury	Otley Rd Stadium	463	Roadside	No						19.7	16.1
Shrewsbury	Otley Rd cycle path	464	Roadside	No						20.6	18.9
Shrewsbury	10 Sundorne Road	465	Roadside	Yes							33.5
Shrewsbury	Murarie	466	Roadside	Yes							34.3
Shrewsbury	Nabwood House	467	Roadside	Yes							29.5
Shrewsbury	3 Whitchurch Road	468	Roadside	Yes							22
Shrewsbury	Hem Cottage	472	Roadside	Yes							33.4
Shrewsbury	Denehurst	473	Roadside	Yes							29.2
Shrewsbury	2 Whiterock Cottage	474	Roadside	Yes							36.4
Shrewsbury	Windyridge	475	Roadside	Yes							40.9
Shrewsbury	Chester Street Parking bay	476	Roadside	Yes							28.7
Shrewsbury	25 Chester Street	477	Roadside	Yes							31
Shrewsbury	Opp Broome Street	478	Roadside	No							30.2
Shrewsbury	Broome Street Duplicate	479	Roadside	No							32.9
Shrewsbury	Peking Aroma	480	Roadside	Yes							33
Shrewsbury	Chester Street Car Park	481	Roadside	Yes							26.6
Bishops Castle	BC Whsipers	126	Roadside	No	16.3	18.8	14.5	14.5	14.7	12.7	Removed

Shropshire Council

Area	Location	Ref	Site Type	Within AQMA?	Annual mean concentration (adjusted for bias) µg/m ³						
					2009 (Bias Adjustment Factor 0.90)	2010 (Bias Adjustment Factor 0.92)	2011 (Bias Adjustment Factor 0.90)	2012 (Bias Adjustment Factor 0.95)	2013 (Bias Adjustment Factor 0.96)	2014 (Bias Adjustment Factor 0.91)	2015 (Bias Adjustment Factor 0.92)
Bishops Castle	Old Brick Cottage	127	Roadside	No	15.8	20	14.8	14.4	14.5	12.9	13.3
Bishops Castle	BC - Brick Meadow	133	Roadside	No			9.6	10	10.5	9.6	Removed
Bishops Castle	BC - Grange Road	134	Roadside	No			6.6	5.4	6.3	5.7	Removed
Bishops Castle	BC - Barclays Bank	135	Roadside	No			14.4	13.8	15	12.3	12.0
Bishops Castle	BC - Rees Piece	136	Roadside	No			5	4.8	6.3	5	Removed
Bishops Castle	BC - Oak Meadow	137	Roadside	No			5.1	6.8	9.6	6.9	Removed
Bridgnorth	Opp. Endowed School	43	Kerbside	No	29	34.3	29.1	29.6	30	28.5	27.9
Bridgnorth	Moat St.-10	10	Roadside	No	31.5	31.1	27.3	29.4	27.8	26.4	23.4
Bridgnorth	Bryan & Knott	20	Roadside	No	29.2	29.9	25.6	24.5	26.1	24.3	21.3
Bridgnorth	Bridge 55	39	Roadside	No	26.3	29.5	24.7	25.4	Removed		
Bridgnorth	Trevor Phillips	35	Roadside	No	22.7	27.1	24.4	23.5	Removed		
Bridgnorth	Shakespeare Inn	37	Roadside	No	27.7	31.7	24.9	27.6	Removed		
Bridgnorth	Citizens Advice	25	Roadside	Yes	28.6	32.2	30.7	29.5	29.9	29	28.0
Bridgnorth	Smithfield	27	Roadside	Yes	27.9	34.1	30	29.4	30.4	28.4	26.5
Bridgnorth	50 Whitburn St	28	Roadside	Yes	52.6	53	48.1	56.7	57.2	53.8	51.2
Bridgnorth	Adj. Rutters	29	Roadside	Yes	31.7	34.1	29.7	29.1	29.4	33	29.0
Bridgnorth	Pound St	13	Kerbside	Yes	43.4	50.2	42.6	44.8	42.5	41.4	41.9
Bridgnorth	30A Salop St	50	Roadside	Yes	32.4	38.8	35.5	36.4	35.5	33.2	32.1
Bridgnorth	Ebenezer Rd	14	Roadside	No	28.2	30.7	25.6	20.5	22.6	20.7	17.9
Bridgnorth	Cartway, Low Town	64	Roadside	No			14.5	15.7	14.9	13.2	13.2
Bridgnorth	8 Underhill St	58	Roadside	No	39	44.1	39.8	38.3	40.5	38	37.4
Bridgnorth	2A Underhill	59	Roadside	No	37	35.3	34.3	31.4	32.6	33.8	32.1
Bridgnorth	15 Bridge St	60	Roadside	No	36.2	40.5	37.3	30.7	Location lost		

Shropshire Council

Area	Location	Ref	Site Type	Within AQMA?	Annual mean concentration (adjusted for bias) $\mu\text{g}/\text{m}^3$						
					2009 (Bias Adjustment Factor 0.90)	2010 (Bias Adjustment Factor 0.92)	2011 (Bias Adjustment Factor 0.90)	2012 (Bias Adjustment Factor 0.95)	2013 (Bias Adjustment Factor 0.96)	2014 (Bias Adjustment Factor 0.91)	2015 (Bias Adjustment Factor 0.92)
Bridgnorth	Lavington Court	16	Roadside	No	38.5	41	36	35.9	36.9	34.3	34.7
Bridgnorth	Underhill St	17	Roadside	No	25.3	26.4	25.4	23.5	25.6	23.3	21.7
Bridgnorth	Analyser	54	Roadside	No	36.2	40.7	38.5	40.3	36.5	36	36.8
Bridgnorth	Analyser	55	Roadside	No	37.1	42.5	39.3	40.4	39.5	37.7	Removed
Bridgnorth	Analyser	56	Roadside	No	33.4	41.7	38.3	41.2	36.2	35.9	Removed
Bridgnorth	2 Bridge St	61	Roadside	No	40.3	44.1	38.4	37.5	36.5	30.6	31.6
Bridgnorth	2 Mill St	62	Roadside	No	42.1	51.7	41.3	41.7	43.4	40.6	39.7
Bridgnorth	Post Office - St Johns	63	Roadside	No	34.7	38.4	37.1	33.6	34.1	31.2	31.6
Bridgnorth	Mill Street, Low Town	65	Roadside	No			36.2	40.5	38.6	35.6	36.2
Bridgnorth	Mill St	19	Roadside	No	36.7	37.4	34.9	35	35.4	31.7	32.3
Bridgnorth	Mill Street, Low Town	66	Roadside	No			31.8	31.9	34.2	33.8	32.8
Bridgnorth	Charles Fox	18	Roadside	No	27.2	29.6	25.3	25.8	26.7	27.8	26.1
Bridgnorth	Hospital Street	67	Roadside	No			35	37	40.6	39.7	38.7
Bridgnorth	Kidderminster Rd	5	Roadside	No	29.8	32.8	26.3	26.7	30.7	27.5	27.9
Bridgnorth	Oaklands	68	Roadside	No			12.2	12.1	14.6	Removed	
Bridgnorth	Stourbridge Road	69	Roadside	No			18	20.1	22.9	23	21.9
Bridgnorth	Stourbridge Road	70	Roadside	No			26.9	26.8	26.1	25.2	Removed
Bridgnorth	Junction-Kingsloade	57	Roadside	No	20.2	23.9	21	20.5	21.4	18.5	20.1
Much Wenlock	Gaskell Corner	47	Roadside	No	25.6	29.3	26.5	25.7	27.5	23.9	26.2
Cleobury Mortimer	Opp. Osborne Cottage	141	Roadside	No			17.2	23.7	24.9	27.2	20.2
Cleobury Mortimer	Cleobury	128	Roadside	No	36.7	39.3	37.3	35.3	36.2	33	31.6
Cleobury Mortimer	CM - Bus Shelter	140	Roadside	No			24.4	26.8	28.8	25.3	24.9

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Area	Location	Ref	Site Type	Within AQMA?	Annual mean concentration (adjusted for bias) µg/m ³						
					2009 (Bias Adjustment Factor 0.90)	2010 (Bias Adjustment Factor 0.92)	2011 (Bias Adjustment Factor 0.90)	2012 (Bias Adjustment Factor 0.95)	2013 (Bias Adjustment Factor 0.96)	2014 (Bias Adjustment Factor 0.91)	2015 (Bias Adjustment Factor 0.92)
Cleobury Mortimer	CM - Post Office	139	Roadside	No			35.7	33.9	32.5	31.6	29.1
Cleobury Mortimer	CM - Lower Street	138	Roadside	No			25.2	24	25.1	24.1	23.0
Dorrington	Horseshoes Inn	411	Roadside	No	29.6	32.5	29.2	30	30.4	29.4	26.8
Dorrington	23 Main Street	469	Roadside	No							30.8
Dorrington	13 Main Street	470	Roadside	No							37.1
Dorrington	Butchers	471	Roadside	No							34.1
Ludlow	Corve Street Coral	117	Roadside	No	39.3	45.3	35.8	40	35.3	32.7	32.3
Ludlow	Corve Street Coral	130	Roadside	No	41.2	42	36.2	38.1	36.5	32.1	30.2
Ludlow	Corve Street Coral	131	Roadside	No	39.4	37.6	35.1	38.5	34.3	34.7	30.7
Ludlow	Old Street	104	Roadside	No	33.7	38	31.3	33	33.4	30.1	29.1
Market Drayton	Market Drayton	205	Roadside	No	25	27.2	23.8	24.4	22.7	20.7	17.9
Market Drayton	Shropshire St MD	207	Roadside	No	28.8	32.1	28.3	29.4	27.3	26.1	24.3
Oswestry	Willowgate	301	Roadside	No	29.9	28	28	25.9	30	26.6	25.1
Oswestry	74 Castle Street	305	Roadside	No	33.4	35.4	31.7	28.7	24.7	29.1	27.6
Oswestry AQMA	A483 (1)	306	Roadside	Yes*	37.5	37.7	31.3	32.5	33.4	33.1	32.3
Oswestry AQMA	A483 (2)	307	Roadside	Yes*	34.1	36.5	32.1	33.8	33.7	33.9	32.7
Oswestry AQMA	A483 (3)	308	Roadside	Yes*	36.2	37.5	33.7	32.3	36.8	33.9	32.3
Pant	Pant (1) AQMS	309	Roadside	No	34.1	34.3	32.5	27.3	Removed		
Pant	Pant Village Hall	312	Roadside	No			22.8	29.3	28.1	27.2	25.4
Prees Heath	Prees Heath	203	Roadside	No	32.1	32.6	36.8	30.1	32.6	30.9	29.5
Shifnal	Admirals Park	7	Roadside	No	15.8	16.7	18.1	16.2	16.3	15.5	13.6
Tern Hill	Tern Hill Petrol Station	204	Roadside	No	42.9	43.8	44.1	39.2	40.4	41.6	38.9
Tern Hill	Tern Hill Roundabout	212	Roadside	No	35.2	39.6	35.1	38.3	36.5	34.8	34.8

Shropshire Council

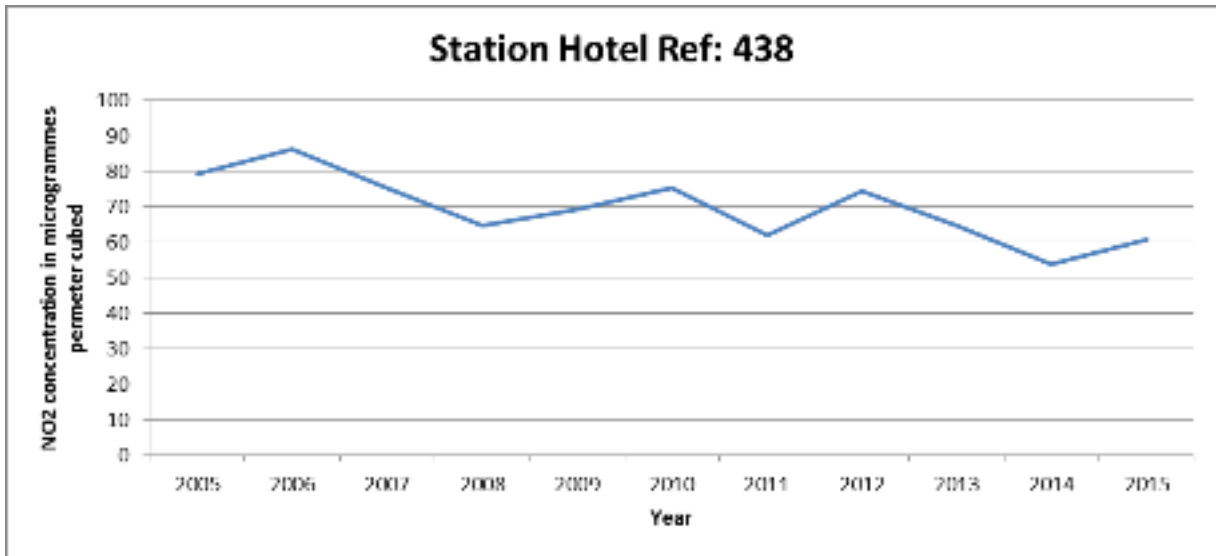
Area	Location	Ref	Site Type	Within AQMA?	Annual mean concentration (adjusted for bias) µg/m ³						
					2009 (Bias Adjustment Factor 0.90)	2010 (Bias Adjustment Factor 0.92)	2011 (Bias Adjustment Factor 0.90)	2012 (Bias Adjustment Factor 0.95)	2013 (Bias Adjustment Factor 0.96)	2014 (Bias Adjustment Factor 0.91)	2015 (Bias Adjustment Factor 0.92)
Tern Hill	Tern Hill Petrol Station	213	Roadside	No	32.5	35.1	37.4	41.2	39.8	Removed	
Tern Hill	Tern Hill Roundabout	214	Roadside	No	35.2	40.8	34.2	37.9	37.1	Removed	
Tern Hill	Tern Hill Guesthouse	222	Roadside	No						31.1	28.0
Tern Hill	Tern Hill Barn	223	Roadside	No						51	50.3
Tern Hill	Tern Hill Willow Barn	224	Roadside	No						21.6	21.2
Tern Hill	Tern Hill Roundabout	215	Roadside	No	33.1	42.4	36.4	37.6	36.6	Removed	
Wem	Soulton Road, Wem	221	Other*	No			19.5	19.9	Removed		30.7*
Wem	Aston Street, Wem	219	Roadside	No			18.8	20.5	20.6	19.4	19.9
Wem	Wem High St	216	Roadside	No		35.4	30.6	32.1	31.4	26.8	28.9
Wem	High Street, Wem	220	Roadside	No			27	29.7	29.9	26.9	26.2
Wem	Mill Street, Wem	217	Roadside	No		44.5	38.4	38.5	38.4	34.1	35.7
Wem	Mill Street, Wem	218	Kerbside	No			31	32.8	29.7	26.7	29.3
Whitchurch	Station Road	202	Roadside	No	27.6	32.6	27.6	28.2	25.6	24.7	Removed
Whitchurch	High Street	208	Roadside	No	20.5	21.5	20.3	19.6	17.7	17.9	16.9
Whitchurch	Tilstock Roundabout	211	Roadside	No	31.9	39.2	28.4	31.5	33.1	30.7	33.0

Table 6 Bias adjusted diffusion tube results for locations not in an existing AQMAs with an annual nitrogen dioxide concentration above 36µg/m³ in any year since 2010 after distance corrected to nearest relevant receptor

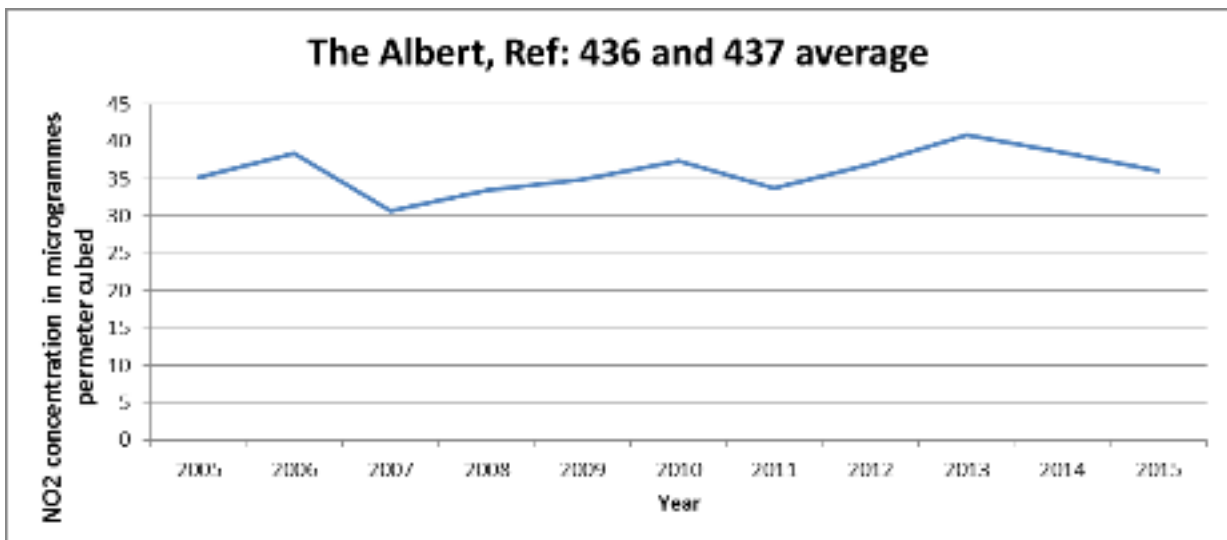
Ref	Area	Site Name	2010 at receptor	2011 at receptor	2012 at receptor	2013 at receptor	2014 at receptor	2015 at receptor
457	Shrewsbury	Ellesmere/Berwick Rd		39.9	39.3	40.6	36.3	36.6
475	Shrewsbury	Windyridge						39.0
474	Shrewsbury	2 Whiterock Cottages						33.7
58	Bridgnorth	8 Underhill St	44.1	39.8	38.3	40.5	38	37.4
60	Bridgnorth	15 Bridge St	40.5	37.3	30.7	NA	NA	NA
16	Bridgnorth	Lavington Court	38.4	37.3	33.7	34.4	32	32.4
54	Bridgnorth	Analyser	37.2	35.3	36.8	33.2	32.7	33.4
55	Bridgnorth	Analyser	38.8	36	36.7	35.8	34.2	Removed
56	Bridgnorth	Analyser	38.1	35.1	37.6	32.9	33.1	Removed
61	Bridgnorth	2 Bridge St	44.1	38.4	37.5	36.5	30.6	31.6
62	Bridgnorth	2 Mill St	51.7	41.3	41.7	43.4	40.6	39.7
63	Bridgnorth	Post Office - St Johns	38.4	37.1	33.6	34.1	31.2	31.6
65	Bridgnorth	Mill Street, Low Town		36.2	40.5	38.6	35.6	36.2
67	Bridgnorth	Hospital Street		35.5	37.6	39.4	38.6	39.9
128	Cleobury Mortimer	Cleobury	37.6	35.7	33.8	34.6	31.6	30.2
117	Ludlow	Corve Street Coral	44.9	35.5	39.7	35	32.4	32.0
130	Ludlow	Corve Street Coral	41.1	35.4	37.3	36.2	31.4	29.5
131	Ludlow	Corve Street Coral	36.8	34.4	37.6	34	33.9	30.0
215	Tern Hill	Tern Hill Roundabout	36.1	31.2	32.1	31.2	NA	NA
217	Wem	Mill Street, Wem	43.1	37.2	37.3	37.2	33.1	34.6
223	Tern Hill	Tern Hill Barn					45.1	44.6

Trend data for locations of interest.

Shrewsbury locations within Shrewsbury No 3 AQMA

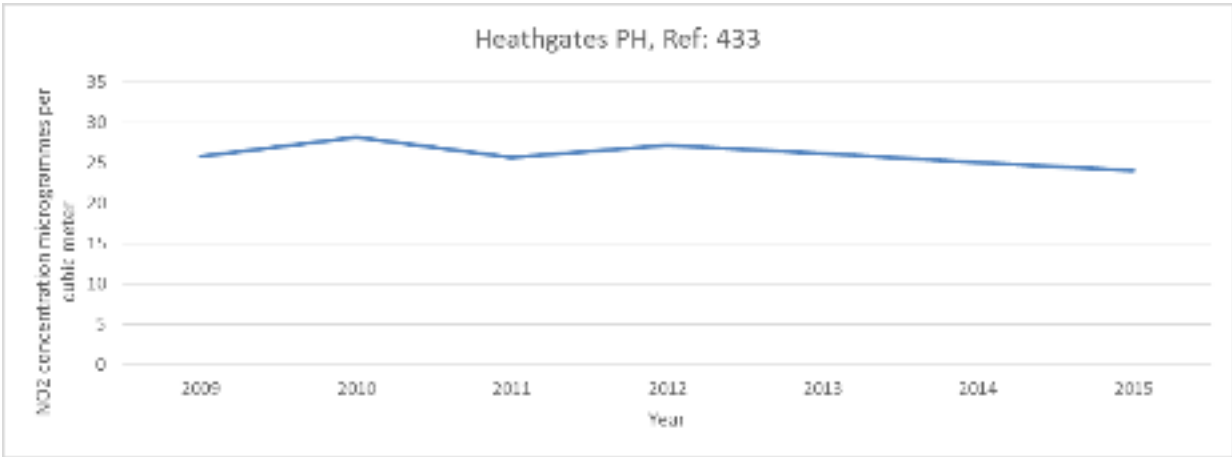


Comment: general downward trend from 2006 to 2014. Signalling changes completed in 2013 may have produced the more significant year on year reductions from 2012 to 2014. Increase in 2015 possibly due to alterations of signalling to relieve congestion at an upstream location (junction where tubes 436 and 437 shown below are found).



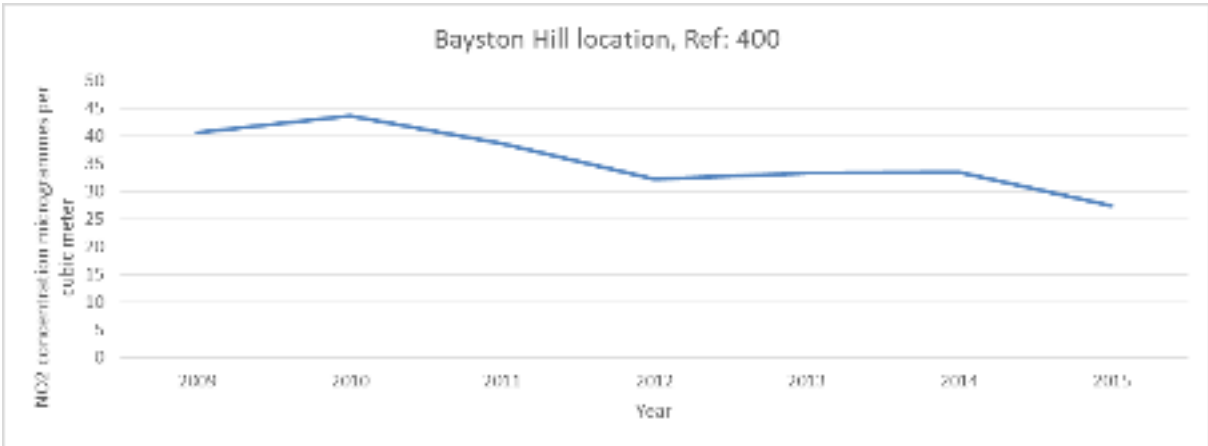
Comment: general increasing trend at this location. No sensitive receptors represented at this location however some are found in the locality. Relocation of bus station to the direct vicinity and roadworks during Northern Gateway Project may be a cause of increased levels. Reductions since 2013 may be aligned with signal upgrade in the area (location is at a traffic light controlled junction upgraded in early 2013).

Shrewsbury locations within Shrewsbury No 2 AQMA



Comment: Generally flat with annual decreases since 2012. Downward trend established and continues.

Shrewsbury locations within Shrewsbury No 1 AQMA



Comment: general downward trend. Significant reductions noted from 2010 bringing levels under the national objective level. No exceedance of the national objective level since 2010.

Bridgnorth locations within AQMA

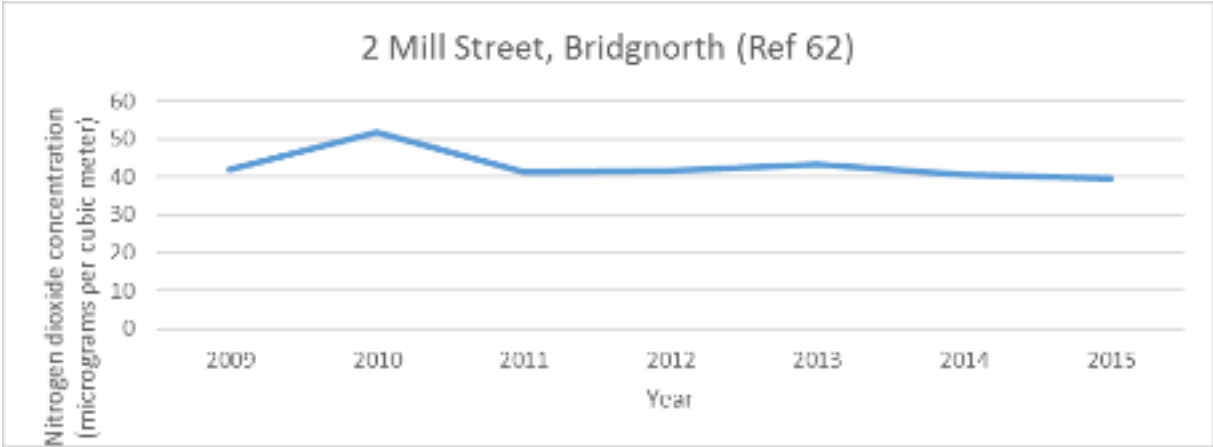


Comment: Generally flat despite a dip in 2011. 2015 levels similar to those in 2009. General downward trend in recent years.



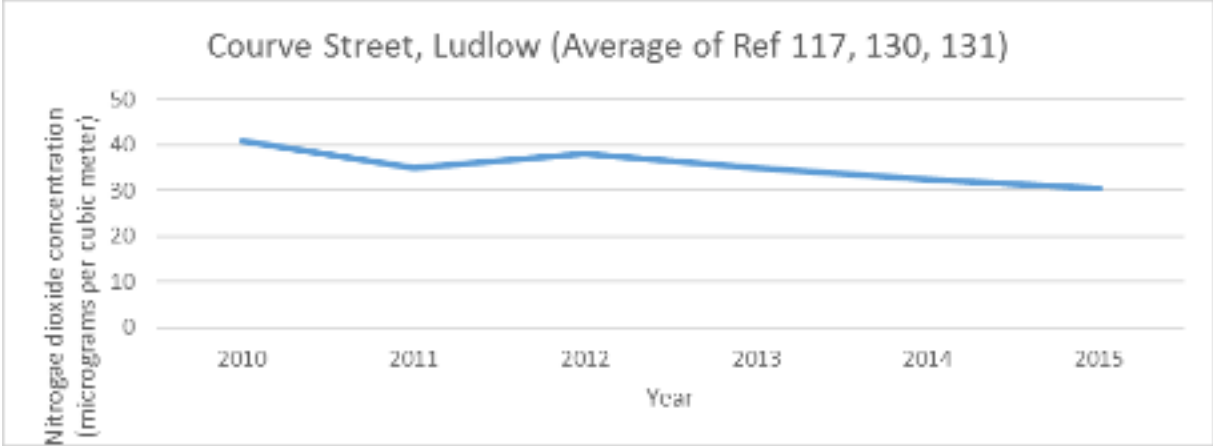
Comment: 2014 levels similar to 2009. Slight downward trend noted since 2010 in general. Within 10% of the objective level for the last 3 years.

Bridgnorth Lowtown locations (not in an AQMA)



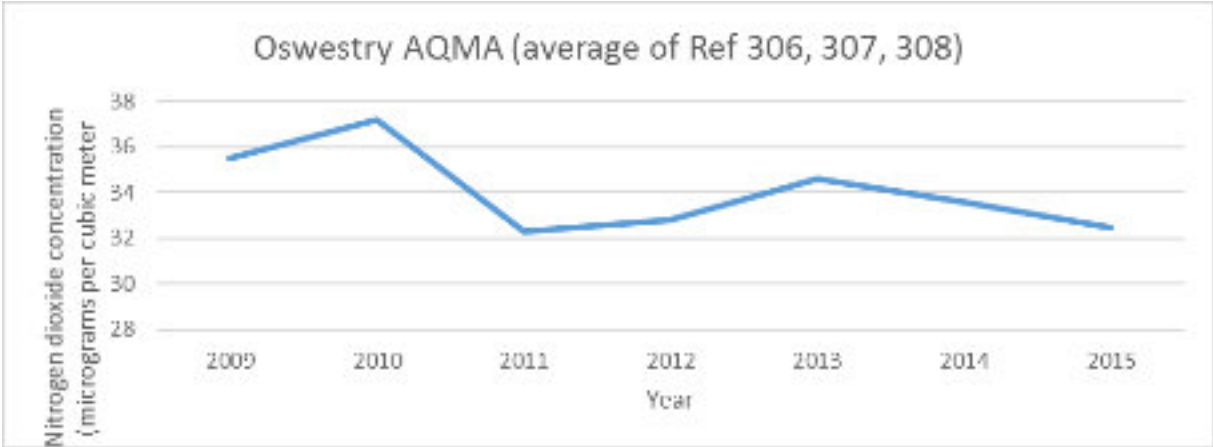
Comment: monitoring commenced in 2009. With the exception of 2010, a nationally high year for NO₂ levels, all years from 2009 – 2014 exceeded the national objective by less than 10% . In 2015 the national objective level was not exceeded for the first time.

Ludlow location (average of triplicate diffusion tube results)



Comment: general downward trend noted in this location. New bus fleet in the area may have contributed to reductions. Further improvements expected due to plans to upgrade traffic signalling.

Oswestry location representative of Oswestry AQMA



Comment: generally declining levels noted since 2005. Levels remained at least 10% below the national objective level in the last five years. No likelihood of an exceedance of the national objective levels at this location.

Nitrogen dioxide monitoring - initial discussion for locations outside existing AQMAs

Tube 457, Ellesmere Road/Berwick Road junction, is located on a downspout on the front of a residential terraced property located close to the road at a traffic light controlled junction. The monitoring location was introduced in 2011 as a result of concerns about potential air quality issues resulting from both the impact of significant proposed developments in the vicinity and also the standing traffic on an incline resulting in vehicles are revving hard to pull up the hill. Results show the national objective level was exceeded in 2013. Results in previous years, 2011 and 2012, and the following years, 2014 and 2015, are close to the objective level but no exceedance has been recorded. This location has been discussed with traffic signalling colleagues. In 2014 the signal patterns were changed as part of a wider scheme to reduce congestion in Shrewsbury. The early indication, using data from 2014 and 2015, is that this has had the impact of reducing NO₂ concentrations to below the national objective level and if this trend continues no exceedance of the national objective level is expected in future. As a result no further action is proposed at this location at this time however the monitoring location will remain to report on future years particularly taking account of the on-going developments in the area.

In Bridgnorth several locations have exceeded or been within 10 per cent of the national objective level. All of these results fall within the area locally known as Bridgnorth Lowtown. Each location is discussed below:

- Tube 60, 15 Bridge Street, was lost due to works on the building. Residential use on this building is at second floor only. It is not considered likely that there will be exceedances at this level due to increased dilution and dispersion.
- Tube 58, 8 Underhill Street, has exceeded the national objective level in two of the last five years. No exceedance in the last two years and a downward trend noted since 2013. This area will continue to be monitored however no exceedance is considered likely should general trends continue.

- A downward trend has been noted at the Lavington Court, the analyser location, 2 Bridge Street, Post office St Johns and Mill Street Low Town locations. None of these locations recorded within 10 per cent of the national objective level in 2014 with the exception of Mill Street Low Town (Ref 65) which was just within this parameter in 2015. It is recommended that monitoring is maintained but no action is necessary at these locations as no exceedance is considered likely.
- Tube 62, 2 Mill Street, has consistently exceeded the national objective level since installation in 2010 until 2014. The tube is on the junction of St Johns Street, a one way street urban canyon with residential properties on the ground flood close to the kerb. Vehicles stop here to turn right onto Mill Street but have right of way if travelling straight on to Bridge Street. In 2015 there were junction improvements. The objective level was not exceeded in 2015 however remains very close to the national objective level. It is considered appropriate to gather additional monitoring data prior to any detailed assessment of the area to review the impact of improvements to the junction.
- An increase in NO₂ concentrations has been noted at Hospital Street over the last four years. The national objective level was exceeded in 2013 and 2014 however in 2015 the concentration was just below the national objective level. Additional monitoring will be carried out in this area and a detailed assessment carried out where necessary based on future monitoring results.

In Cleobury Mortimer a decreasing trend has been noted over the past six years. This area was selected due to congestion caused by unregulated on-street parking on a narrow street in a busy village. No exceedances of the national objective level have been found and NO₂ levels have been more than 10 per cent less than the national objective level at all locations since 2011. As a result it is considered that there is no likely exceedance of the objectives in Cleobury Mortimer. The monitoring network could be reduced in this town.

In Corve Street, Ludlow, there is a triplicate of diffusion tubes. In 2010 two of the three tubes recorded an exceedance of the national objective level. Since this time a decreasing trend has been found.

The triplicate of tubes is found at a traffic light junction on the top of a hill. The junction is busy and on a set signal pattern independent from actual traffic conditions. Receptors are found at first floor level. Since 2010 when levels gave rise to concern a new bus operator has moved into the area bringing with them a newer fleet of vehicles. This is likely to have been one element in the decreasing trend noted. Discussions with transport officers and local transport planners has resulted in funds being made available to install smart traffic signals which respond to traffic levels at this junction. Work will take place within the 2016-17 financial year to implement a MOVA traffic signalling system which will respond to traffic queue lengths and increase flow of traffic through the junction. Improvements in air quality are expected. As a result it is not considered necessary to carry out additional work at this location at this time. Exceedances are not considered likely in future years.

The location at Mill Street, Wem (Ref 217), reported an exceedance in 2010. However since this time there has been a stabilisation below this level and a drop in concentration to well below 10 per cent of the objective level in both 2014 and 2015. As a result no further action is required in this area however monitoring will continue to review trends.

Tern Hill Barn is a new diffusion tube location installed in 2014. It has been installed following a barn conversion being granted planning permission bringing a new receptor into close proximity with a busy main road. The result in 2014 and 2015 reports a likely exceedance of the national objective level at this location. At the planning stage a DMRB assessment to predict air quality was undertaken. This predicted levels significantly less than $40\mu\text{g}/\text{m}^3$. In practise this has not been found to be the case. Planning conditions were placed on the development to ensure that there would be no openings onto the façade facing the road to ensure no impact on future residents. An additional years' data gathering is recommended prior to considering this location in further detail.

In summary a downward trend has been found at many locations outside existing AQMAs due to a natural reduction in emissions from road vehicles and in some areas due to actions taken by various partners. Exceedances have been found at Tern Hill Barn in the two years of results collected. It is recommended that additional

data is collected prior to any detailed assessment at the Tern Hill Barn location to establish any trends that may be occurring in this location. Exceedances of the national objective level have been found at 2 Mill Street, Bridgnorth (Ref 62). It is recommended that additional data is collected at this location following a recently established downward trend over the past three years.

Nitrogen dioxide monitoring - initial discussion for locations inside existing AQMAs

In relation to existing AQMAs the following observations have been made:

- Bridgnorth Pound Street AQMA: diffusion tubes continue to exceed the annual average mean and the AQMA is still valid.
- Oswestry Nitrogen Dioxide AQMA: diffusion tubes suggest no likely exceedance of objective levels in the past 10 years.
- Shrewsbury No 1 AQMA: results suggest no exceedance. Additional monitoring at relevant receptors took place in 2015 (monitoring location Ref 465, 466, 467 and 468). No monitoring locations recorded an exceedance of the air quality objectives in this AQMA since 2010.
- Shrewsbury No 2 AQMA: results suggest no exceedances. Additional monitoring at relevant receptors took place in 2015 (Ref 472, 473, 474 and 475). There has been no exceedance of the national objective level within this location within the results collected since 2009.
- Shrewsbury No 3 AQMA: results suggest exceedances remain around the train station gyratory and roads into the gyratory. No exceedances outside the AQMA occurred at existing monitoring locations except one year at Ellesmere/Berwick Road junction discussed above. The AQMA is still required.

2.2.2 PM₁₀

Bayston Hill

MetOne PM₁₀ BAMs are located at Bayston Hill and Betton Strange, see Figure 2, and have been recording data since 2009. These were installed as part of a section 106 planning agreement with a quarry operator due to a significant planned quarry extension. Data is shown in the Table 7 below.

Table 7. PM₁₀ monitored results from MetOne BAMs after relevant corrections. All results are in µg/m³.

Year	Bayston Hill				Betton Strange			
	No. of daily exceedances	Annual Mean	Data capture %	90 th percentile	No. of daily exceedances	Annual Mean	Data capture %	90 th percentile
2010	9	23	71	40	2	16	71	30
2011	22	25	88	44	-	-	-	-
2012	17	24	91	43	10	-	94	41
2013	29	26.1	93	48	-	-	-	-
2014	-	-	-	-	-	-	-	-
2015	4	18.42	81	31	0	14	77	22

- Indicates no reliable data available with which to use.

Due to a lack of data capture at the Betton Strange site in 2011 and 2013 no data has been ratified or presented as the data set was not considered to be representative of the year due to less than 50% data capture. It should be noted that generally any data results for Betton Strange are less than those at Bayston Hill.

Due to technical issues including equipment breakdown and communication errors data capture for 2014 is not available for either site. Having considered the raw data set available it was not considered suitable to annualise the data. As a result 2014 data has not been included. Data reviewed in brief for 2014 where available, did not suggest any exceedance of objective levels.

Having considered the data it is noted that there is no exceedance of the annual mean air quality objective level of $40 \mu\text{g}/\text{m}^3$ or the daily average limit of 35 days over $50 \mu\text{g}/\text{m}^3$. As a result no detailed assessment is required.

In 2014/15 a sprinkler system was installed to wet down Sharpstones Lane, the access and egress route to the quarry. This is expected to offer an improvement in particulate exposure in the area in future. Development at the quarry will see existing processing equipment moved further away from the Bayston Hill monitor and relative receptors. At this time new plant will also be introduced. Both of these actions are likely to result in future improvements in air quality.

The above measures are predicted to reduce the number of daily exceedances and also reduce the annual average. In conclusion it is not considered likely that there will be any exceedance of any national objectives in these locations but the situation will continue to be monitored.

Chester Street, Shrewsbury

A Met-one $\text{PM}_{2.5}$ BAM was installed at the Chester Street continuous monitoring location, see Figure 2. This was installed in 2014 with the first comprehensive data set collated in 2015. Results for 2015 were as follows:

Annual average: $7.19 \mu\text{g}/\text{m}^3$

Data capture: 77%

90th percentile daily average: $14 \mu\text{g}/\text{m}^3$

Having considered the information above there is no exceedance of the $\text{PM}_{2.5}$ action level which is set at $20 \mu\text{g}/\text{m}^3$ according to the recently published Local Air Quality Management Technical Guidance TG(16). This guidance provides a scaling factor to estimate PM_{10} concentrations from $\text{PM}_{2.5}$ measured concentrations. This factor states that the $\text{PM}_{2.5}$ contribution makes up 70% of the PM_{10} component of particulates in urban areas in the UK. As a result it is predicted that PM_{10} concentrations are in the region of $11 \mu\text{g}/\text{m}^3$. This is well below the national objective level and therefore no further assessment is necessary for this location.

Battlefield Energy from waste plant

An energy from waste plant was granted permission in Battlefield, Shrewsbury and in order to provide data on potential air quality impact (partly as a result of the significant public concern about the installation) a continuous Met-one PM_{2.5} BAM monitor was installed at Mayfield Close (the location predicted by modelling to exhibit maximum ground level concentrations due to plume grounding) in May 2015. The results for the period from May – December 2015 showed the following:

Annual average: 7.68 µg/m³

Data capture in period installed: 92 %

Defra background maps prediction: 9.4 µg/m³.

Using information in Box 7.7 of Local Air Quality Management Technical Guidance (TG16) it suggests that PM_{2.5} makes up 70% of the PM₁₀ component. As a result it is likely that the PM₁₀ component is approx. 11 µg/m³. Defra background maps for 2015 predict a concentration of 15 µg/m³ in this location.

Both PM_{2.5} and PM₁₀ concentrations are therefore well below action thresholds concentrations predicted by national modelling regimes.

2.2.3 Sulphur Dioxide

No SO₂ monitoring is undertaken by Shropshire Council. We are not of the opinion that any areas are likely to breach the objective and previous detailed assessments have proved this to be the case as detailed in section 1.4 above (in relation to Ironbridge Power Station). Therefore no further consideration will be given at this point in time.

2.2.4 Benzene

No benzene monitoring is undertaken in any Shropshire Council area. Intelligence does not suggest that there are likely to be any breaches of the objective levels.

2.2.5 Other pollutants monitored

No other pollutants are monitored in the area as intelligence does not suggest that there are may be a breach of any objective levels.

2.2.6 Summary of Compliance with AQS Objectives

Shropshire Council has measured concentrations of nitrogen dioxide above the annual mean objective at relevant locations outside of the existing AQMAs, and **has considered it necessary to collect additional information** for nitrogen dioxide levels in Bridgnorth Lowtown around the St Johns Street/Mill Street junction before making a decision to proceed to a detailed assessment. The same applies in relation to the Tern Hill Barn location identified in this section.

3 Road Traffic Sources

3.1 Narrow Congested Streets with Residential Properties Close to the Kerb

All available AADT traffic count data dating back to 2008 in order to get comparisons was reviewed. Counts were compared from year to year where this information was available. Although it was not necessary, all roads were considered, even those reviewed in the past where no new receptors have been introduced. This was carried out in order to add confidence to this report and its findings and because no LAQM reports have been produced since the last USA in 2009. This USA will therefore establish a situation where all relevant roads have been considered.

One street was identified as meeting the criteria for a narrow congested street, Dogpole in Shrewsbury. However, although it fulfils the definition of congested due to the average speed it is noted that there is rarely standing traffic as traffic has priority at the junction with High Street and is only stopped briefly by a Pelican crossing on the junction. Traffic is therefore generally free flowing. A NO₂ diffusion tube is located on Dogpole, tube 407. At this location monitoring has concluded that annual mean concentrations of NO₂ are around the 28 µg/m³ in 2014 close to the narrowest part of the street indicating that no exceedance of the objective level is predicted at this location. There is a general downward trend in NO₂ concentration at this location and therefore it is unlikely to exceed the objective in future. This site will only be studied in more detail in future if concentrations found at monitoring locations increase. An additional NO₂ diffusion tube has been located on the pelican crossing point where Dogpole meets High Street in order to have more confidence in the monitoring data in the vicinity of Dogpole. Data collected in 2014 found an average annual mean of 32 µg/m³ adding further confidence that no exceedance exists. Due to past assessment and current monitoring data we do not consider that Detailed Assessment is necessary. However, monitoring will continue in this area to ensure that any increases in emissions are detected and the area reviewed as necessary.

However, this area is already within an AQMA and therefore no detailed assessment is necessary.

Shropshire Council confirms that there are no new/newly identified congested streets with a flow above 5,000 vehicles per day and residential properties close to the kerb, that have not been adequately considered in previous rounds of Review and Assessment.

3.2 Busy Streets Where People May Spend 1-hour or More Close to Traffic

All available AADT traffic count data dating back to 2008 in order to get comparisons was reviewed. Counts were compared from year to year where this information was available. Although it was not necessary, all roads were considered, even those reviewed in the past where no new receptors have been introduced. This was carried out in order to add confidence to this report and its findings and because no LAQM reports have been produced since the last USA in 2009. This USA will therefore establish a situation where all relevant roads have been considered.

No areas have been identified, outside current AQMA boundaries, where people are likely to spend an hour or more and are within 5m of a busy road where traffic exceeds 10,000 vehicles as an AADT. As a result no further assessment is necessary.

Shropshire Council confirms that there are no new/newly identified busy streets where people may spend 1 hour or more close to traffic.

3.3 Roads with a High Flow of Buses and/or HGVs.

Having considered the guidance in Box 5.3 of TG(09) it was found that no roads had volumes of traffic over 20,000 AADT with a proportion of HGVs over 20%. Where AADT was found to be over 20,000 no residential premises were located within 10m of these roads.

Data on traffic flows was taken from Department for Transport data retrieved from the following web pages:

<http://www.dft.gov.uk/traffic-counts/download.php>

Data from 2013 and 2014 was reviewed. No local transport data showed any stretches of road which fitted the criteria specified in Box 5.3 of TG(09).

Shropshire Council confirms that there are no new/newly identified roads with high flows of buses/HGVs.

3.4 Junctions

Junctions where there is relevant exposure have been highlighted in previous reports and where it has been considered that there is likelihood of any objective levels being exceeded NO₂ diffusion tubes have been placed. It is therefore expected that diffusion tube results will highlight any junctions with relevant exposure. Coupled with this is the realisation that traffic counts are an additional cost to the authority. For the price of one traffic count in one location for a week approximately 12 NO₂ diffusion tubes could be placed for a year. It is therefore considered that it is most cost effective to have monitoring locations supplying real data rather than taking traffic count data periodically. As a result no DMRB assessments have been carried out as there is real data available where objective level exceedences are thought likely. However where data is collected for other reasons or becomes available it will be further evaluated.

During recent review of diffusion tube locations it was observed that barn conversions have been completed near the Turnhill roundabout. This roundabout is one of the busiest junctions in Shropshire Council's area with relevant exposure. As a result of new relevant exposure locations additional diffusion tubes have been located. Results are presented and discussed in the nitrogen dioxide monitoring section of this report

From traffic count data that is available no new roads were identified which have over 10,000 vehicles with relevant exposure.

Shropshire Council confirms that there are no new/newly identified busy junctions/busy roads. However new receptors have been introduced in some areas and monitoring has been undertaken to evaluate these areas.

3.5 New Roads Constructed or Proposed Since the Last Round of Review and Assessment

No new major roads have been constructed in Shropshire where relevant exposure is present since the last USA produced in 2009. Only residential roads have been constructed. Air quality assessments have been sought where likelihood of objective levels being exceeded has been considered a possibility at the planning stage and appropriate mitigation put in place where breaches of the objectives were found or significant effects predicted.

Shropshire Council confirms that there are no new/proposed roads.

3.6 Roads with Significantly Changed Traffic Flows

Having regard to traffic count data available from the Department for Transport, one road has been found to have more than a 25% increase in traffic numbers between 2009 and 2014. This is a section of the A5 between its junction with the A488 and A41/A5112. An increase has been recorded of 26.6% with vehicle numbers increasing from 27,106 in 2009 to 34,306 in 2014.

The nearest receptor to this stretch of road is 45m from the kerbside, 213m from the junction of the A5 with the A49/A5112 and 54m from the centre of the A5 carriageway.

A DMRB assessment has been carried out as follows in Figure 4 with results in Figure 5.

Figure 4: DMRB inputs for A5.

The screenshot shows the DMRB assessment software interface with the following components:

- Step 1:** Receptor name: A5 (A488 - A49/A5122), Receptor number: 1
- Step 2:** Year: 2014
- Step 3:** Number of links: 1
- Step 4:** Background concentrations for 2014

CO (mg/m ³)	Benzene (µg/m ³)	1,3-butadiene (µg/m ³)	NO _x (µg/m ³)	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)
0	0	0	13.902832	10.52889	9.317953
- Step 5:** Traffic flow & speed and Traffic composition

Link number	Distance from link centre to receptor (m)	Traffic flow & speed			Traffic composition						
		AADT (combined, veh/day)	Annual average speed (km/h)	Road type (A,B,C,D)	Vehicles <3.5t GVW (LDV)			Vehicles >3.5t GVW (HDV)			
					% passenger cars	% light goods vehicles	Total % LDV	% buses and coaches	% rigid HGV	% articulated HGV	Total % HDV
1	54	34306	32	A			93				7
2											
3											
- Step 6:** CALCULATE
- Step 7:** STORE RESULTS FOR THIS RECEPTOR
- Buttons:** CLEAR INPUT DATA, RUN COMPLETE

Figure 5: results of DMRB assessment of A5

Current receptor							
Receptor Name	A5 (A488 - A49/A5122)			Receptor number	1		
Assessment year	2014						
Results							
Pollutant	Annual mean				For comparison with Air Quality Standards		
	Background concentration	Road traffic component	Total	Units	Metric	Value	Units
CO	0.00	0.04	0.04	mg/m ³	Annual mean*	0.04	mg/m ³
Benzene	0.00	0.07	0.07	µg/m ³	Annual mean	0.07	µg/m ³
1,3-butadiene	0.00	0.07	0.07	µg/m ³	Annual mean	0.07	µg/m ³
NO _x	13.9	7.3	21.2	µg/m ³	Not applicable		
NO ₂	10.5	2.3	12.9	µg/m ³	Annual mean*	12.9	µg/m ³
PM ₁₀	9.3	0.77	10.08	µg/m ³	Annual mean	10.1	µg/m ³
					Days >50µg/m ³	0	Days

The results indicates no likely exceedance of any air quality objective levels as a result of significant changes in traffic numbers along this stretch of road and therefore no further assessment is required.

Shropshire Council confirms that there are no new/newly identified roads with significantly changed traffic flows.

3.7 Bus and Coach Stations

Shrewsbury has a bus station in the centre of the town largely operated by Arriva. The town centre, including the bus station, is covered by an AQMA and therefore as stated in section A.7. of Box 5.3 of TG(09) no further assessment is required. Monitoring is carried out by diffusion tubes in the locality and no breach of the air quality objectives at these locations.

Shropshire Council confirms that there are no relevant bus stations in the Local Authority area.

4 Other Transport Sources

4.1 Airports

Shropshire Council confirms that there are no commercial airports in the Local Authority area.

4.2 Railways (Diesel and Steam Trains)

4.2.1 Stationary Trains

Having considered the main line rail links running through the Shropshire Council area the only places where there is likelihood of stationary trains for periods greater than 15 minutes on three or more occasions daily is the train station at Shrewsbury. All rail lines take diesel trains and therefore require attention. Having considered maps of the area it has been shown that there are no receptors within 15m of where trains may be stationary and therefore no further consideration is required on this aspect.

Shropshire Council completed a Detailed Assessment on the Severn Valley Railway Terminus, Bridgnorth in 2006. This showed no breaches of the national air quality objectives were likely. The 2009 USA stated that at the time the report was written no residents were occupying the property of concern. A check with council tax records has returned information stating that the property is still currently unoccupied and therefore there is no receptor currently present. Activity has not increased at the station therefore no breach of AQS objectives are likely.

A section of rail between Oswestry and Pant has a steam train operating as a tourist attraction. This is due to expand in future and will therefore be considered in more detail in future rounds of reporting.

Shropshire Council confirms that there are no locations where diesel or steam trains are regularly stationary for periods of 15 minutes or more, with potential for relevant exposure within 15m.

4.2.2 Moving Trains

Having considered the list of rail lines specified in Table 5.1 of TG(09) it is noted that there are no lines which pass through Shropshire and therefore no further consideration is required.

Shropshire Council confirms that there are no locations with a large number of movements of diesel locomotives, and potential long-term relevant exposure within 30m.

4.3 Ports (Shipping)

The assessment for shipping considers SO₂ emissions at busy ports with 5,000 and 15,000 movements per year and relevant exposure within 250m.

Shropshire Council confirms that there are no ports or shipping that meet the specified criteria within the Local Authority area.

5 Industrial Sources

5.1 Industrial Installations

5.1.1 New or Proposed Installations for which an Air Quality Assessment has been Carried Out

Energy from waste plant

An energy from waste plant was granted permission in Battlefield, Shrewsbury. This is an A1 process and has a permit regulated by the Environment Agency in relation to environmental releases including emissions to air. In preparation for the installation new NO₂ diffusion tubes were located in the vicinity. Results for diffusion tube Ref 405, 439, 454 and 455 in the vicinity of the installation all show a reduction in NO₂ concentrations compared to the preceding two years suggesting no impact of the installation in respect of NO₂.

Air quality modelling was carried out at the planning approval stage which concluded that there would not be any breaches of the AQS objectives as a result of the installation operating. It predicted maximum plume grounding in the vicinity of Mayfield Close to the north east of the installation. A continuous PM_{2.5} monitor was installed here in May 2015. The results for the period from May – December 2015 showed the following:

Annual average: 7.68 µg/m³

Data capture in period installed: 92 %

Defra background maps prediction: 9.4 µg/m³.

Using information in Box 7.7 of Local Air Quality Management Technical Guidance (TG16) it suggests that PM_{2.5} makes up 70% of the PM₁₀ component. As a result it is likely that the PM₁₀ component is approx. 11 µg/m³. Defra background maps for 2015 predict a concentration of 15 µg/m³ in this location.

Both PM_{2.5} and PM₁₀ concentrations are therefore well below action thresholds concentrations predicted by national modelling regimes. Monitoring will continue to enable trend data to be collected and to inform review of emission data collected under the Environmental Permitting regime and validate the original AQ modelling.

Ironbridge power station

E.ON (UK) Ltd. operated Ironbridge Power Station, an A1 process within Shropshire Council area which was previously operating under a time-limited LCP exemption. A permit variation was granted in 2012 to convert the plant from to burn wood biomass as an extended pilot study. The Environment Agency are predicting a reduction in SO₂ and NO₂ with particulate levels to be similar to those already found. The changes were introduced in 2013. No increases in pollutant monitored by neighbouring authorities has been noted. The site is due is now closed and decommissioning is underway.

Bridgnorth Aluminium

Bridgnorth Aluminium, an A1 permitted process regulated by the Environment Agency, has been granted planning permission to expand the site since the last USA. An air quality assessment was required by Shropshire Council at the planning stage. There is predicted to be an increase in certain pollutants released to air however these are not likely to result in any exceedance of the national air quality objectives or any significant deterioration in ambient air quality. Diffusion tubes to consider NO₂ concentrations are found in the vicinity to add confidence to this assumption in future years.

No other permitted processes have been introduced which are likely to result in likely breaches of the national air quality objectives

Shropshire Council has assessed new/proposed industrial installations, and concluded that it will not be necessary to proceed to a Detailed Assessment.

5.1.2 Existing Installations where Emissions have Increased Substantially or New Relevant Exposure has been introduced

Existing installation which may cause emissions to air are likely to be captured under a permit. Shropshire Council is the regulator for Part A2 and Part B installations under the Environmental Permitting Regulations 2009. The Environment Agency is the regulator for Part A1 installations.

The permits for Part A2 and Part B installations were reviewed to consider any installations that have substantially increased emissions (an increase in emissions greater than 30%) since the last USA. Review has confirmed that no permitted installation is predicted to have substantially increased emissions. As a result no further consideration of these installations is required.

The Environment Agency have been contacted and asked to provide details of any installations where a substantial increase in emissions has occurred or relevant exposure encroached upon it since the last USA in 2009. Correspondance received has highlighted that there have been no substantial increases in emissions and no encroachment of receptors has been noted.

Shropshire Council confirms that there are no industrial installations with substantially increased emissions or new relevant exposure in their vicinity within its area or nearby in a neighbouring authority.

5.1.3 New or Significantly Changed Installations with No Previous Air Quality Assessment

Shropshire Council has 3 new part B processes recorded since the 2009 USA was completed. The processes are a dry cleaner, a waste oil burner and a manufacturer of wood and timber based products.

Howard and Howard Quality Dry Cleaning is situated on Battlefield Business Park. There are no relevant receptors within 200m and it is therefore considered that this process will have no impact on air quality objectives at relevant receptors. No complaints of odour have been received since the activity was granted a permit in 2011.

Benthal Works is situated in Benthal Lane, Broseley and applied for a permit to regulate a waste oil burner operation in 2011. It is situated 60m from the closest relevant receptor. There is no evidence to suggest that any air quality objectives are likely to be breached as a result of this activity. No complaints have been received since it was installed in 2011.

Hazlin of Ludlow Ltd. situated in Ludlow applied for a permit to regulate a wood and timber based product activity in 2011. There is also a biomass boiler using chipped waste wood to generate energy on the site. There is no evidence to suggest that any air quality objectives are likely to be breached as a result of this activity. No complaints have been received since it was installed in 2011.

Other newly permitted processes include mobile crushers which are not expected to have an impact on annual averages in a location where they operate. Where they operate in close proximity to residential receptors any complaints of dust are followed up to ensure that suitable suppression methods are employed to stop any short term dust issues. Due to their transient nature they will not result in any air quality standards being breached.

Shropshire Council has assessed new/proposed industrial installations, and concluded that it will not be necessary to proceed to a Detailed Assessment.

5.2 Major Fuel (Petrol) Storage Depots

This assessment considers benzene with respect to the 2010 objective. Shropshire Council confirms that no new major fuel storage depots have been developed or are planned to be developed in the near future since the last USA in 2009. The USA dated 2009 did not identify any major fuel storage depots.

There are no major fuel (petrol) storage depots within the Local Authority area.

5.3 Petrol Stations

This assessment considers benzene with respect to the 2010 objective. Shropshire Council has identified 58 petrol filling stations (PFS) within the Local Authority area. Of these:

14 PFS are not permitted and having discussed with the petroleum licensing officer will fall well below the threshold of 2 million litres which require consideration according to Section C.3 of TG(09).

Of the remaining 44 PFS, 15 have stage 2 recovery and therefore require no further attention according to Section C.3 of TG(09).

Out of the remaining 29 sites 9 are known to have a throughput of 2 million litres of petrol per annum. There is no relevant exposure within 10m of the pumps at any of these PFSs. As a result no PFSs require detailed assessment.

Shropshire Council confirms that there are no petrol stations meeting the specified criteria.

5.4 Poultry Farms

Any poultry farm which keeps birds in excess of 40,000 requires a permit regulated and issued by the Environment Agency (EA). The EA have been contacted and asked to provide a list of poultry units which exceed the following thresholds as described in Section C.4 of TG(09):

- 400,000 birds if mechanically vented housing
- 200,000 birds in naturally ventiated housing
- 100,000 birds for any turkey unit

Due to there being likely changes in bird numbers since the last USA report in 2009 the EA screened their entire list of permitted sites and have provided details of seven poultry units which exceed the limits stated above or that are close to the limits.

These sites are detailed below in Table 8:

Table 8: Poultry operations which exceed the thresholds stated in Section C.4 of TG(09).

Farm name	Farm address	Grid ref	Max permitted birds
Farmpoint Ltd, Comberton farm	Comberton Farm, Woofferton, Ludlow, SY8 4AJ	SO 5128 6932	417,000 broilers
David Davis & Co Wytherford House Farm	Wytherford House Farm, Shawbury, SY4 4JJ	SJ 5710 1920	520,000 layers/pullets
David Davis and Co, New House Farm	New House Farm, Minsterley, SY5 0HR	SJ 37681 04069	850,000 layers/pullets
Oaklands Eggs Ltd	The Oaklands, Wem, SY4 5RF	SJ 51037 32718	1,814,000 layers/pullets
JA&O Grif iths & Sons Alderley lane Farm	Alderley lane Farm, Wem, SY4 5JJ	SJ 5406 2969	425,000 pullets
Pryce and Son Ltd	Manor Farm, Felton Butler, Shrewsbury, SY4 1AS	SJ 393 01740	575,000 broilers
Knockin Egg Farm Ltd	Knockin, Oswestry, SY10 8HQ	SJ 3178 721565	395,000 layers/pullets

TG(16) states that assessment may be required where there is relevant exposure within 100m of the poultry units. This includes properties that form part of the farm. The sites have been reviewed using GIS maps. Distances were calculated from the nearest relevant exposure and in all cases any relevant exposure was identified within 100m of the poultry units. Local knowledge has identified that the Knockin Egg Farm has small units spread over a significant area and therefore no residential receptor is in close proximity to any significant number of poultry. As a result it is considered unnecessary to carry out any further work in relation to this farm.

Box 7.2 of TG(16) has provided a screening tool to use where poultry units are found as stated above. This screening tool has been carried out for all poultry units noted above with the exception of Knockin Egg Farm for reasons explained above. Results are found below in Table 9.

Table 9: TG(16) Screening methodology for Poultry Farms

Name	Easting	Northing	Distance to receptor	Number of birds	90.4 percentile contribution	Annual mean PM10 background	Percentile contribution plus background	Objective level (24 hour mean)
Farmpoint Ltd, Comberton farm	351500	269500	15.5	417000	90.93491845	13.70729	104.6422085	50
David Davis & Co Wytherford House Farm	357500	319500	32	520000	75.76932593	15.61228	91.38160593	50
David Davis and Co, New House Farm	337500	304500	41	850000	102.8255509	12.94348	115.7690309	50
Oaklands Eggs Ltd	351500	332500	106	1814000	47.44609446	17.80483	65.25092446	50
JA&O Griffiths & sons Alderley lane Farm	354500	329500	7	425000	126.4031808	14.23551	140.6386908	50
Pryce and Son Ltd	339500	317500	81	575000	30.47849909	13.58481	44.06330909	50

The results in Table 9 find that 5 of the 6 poultry farms have been found to have a screening value (percentile contribution plus background) above the 24 hour mean objective level. TG(16) considers it necessary to proceed to a detailed assessment for these sources in future.

Planning applications have been received for new poultry farms and extensions to existing poultry farms. Relevant assessments have been requested where necessary. In recent years no applications have been received where there are residential properties within 100m and no screening assessment is required.

Shropshire Council has identified seven poultry farms meeting the specified criteria and will proceed to a Detailed Assessment following further advice and guidance from Defra.

6 Commercial and Domestic Sources

6.1 Biomass Combustion – Individual Installations

Shropshire Council assesses commercial biomass combustion plants through the planning system. Where applications are received and biomass combustion plants are proposed the Council has assessed the likelihood of objective limits being exceeded. Planning approval is only recommended where information provided indicates that there will be no breach of the objective levels. As a result all biomass boilers requiring planning permission have been assessed and found that AQS objectives are not likely to be exceeded.

It was concluded in the 2009 USA that the wood fired hot water boiler at Whitchurch Community Hospital is assessed. As a result the operator was asked to provide details of emissions and flue height in order that an assessment could be carried out in line with TG(09) recommendations. Details have now been received and calculations can be found in Appendix C. As a result of reviewing information a Detailed Assessment is necessary as a building higher than the actual stack height is found within a distance of 5 times the stack height from the stack.

Shropshire Council has assessed the biomass combustion plants in its area, and concluded that it will be necessary to proceed to a Detailed Assessment for one installation at Whitchurch Community Hospital

6.2 Biomass Combustion – Combined Impacts

Shropshire Council has considered the densely populated areas and concludes that there are no areas where it is considered likely that the combined effect of several small biomass combustion installations could in combination lead to concentrations of particulates close to or above the objective level.

Shropshire Council has assessed the biomass combustion plant, and concluded that it will not be necessary to proceed to a Detailed Assessment.

6.3 Domestic Solid-Fuel Burning

Having considered the density of existing residential properties which burn solid fuel Shropshire Council does not find it necessary to carry out any investigation as current knowledge suggests that there are no areas where more than 100 domestic premises burning coal/smokeless fuel are likely within a 500m x 500m area as specified in TG(09). There is therefore no change since the last USA in 2009.

However, Shropshire is a rural authority with many properties burning solid fuels. There is an on-going trend for the increased use of solid fuel appliances particularly in rural locations and further work will be undertaken to use intelligence from equipment and fuel suppliers to evaluate possible trends. This area will be considered in more detail during future assessments and work undertaken to identify additional information which will help understand the distribution of solid fuel burning more thoroughly.

Shropshire Council confirms that there are no areas of significant domestic fuel use in the Local Authority area.

7 Fugitive or Uncontrolled Sources

Shropshire Council has identified ElitePrecast & Thermonex cement storage unit in Bridgnorth as a potential source of fugitive emissions. The nearest relevant exposure is 212m away and although there have been dust complaints in the past the 2009 USA showed that there was no need to proceed to a detailed assessment. As criteria have not changed since this time there is no need to progress to a detailed assessment.

Shropshire Council has previously identified Haughmond Hill and Bayston Hill quarries as a potential source of fugitive emissions in the 2009 USA. Since this time Bayston Hill has been granted planning permission for expansion and complaints have been received relating to dust. As a condition on the planning decision Bayston Hill quarry was required to install PM10 monitoring devices. Section 2.2.2 has shown that data has been collected suggesting no breach of the PM10 daily or annual mean objective. Improvements installed in early 2015 seem to have secured improvements with further improvements expected in future associated with the relocation of plant further away from residential properties. As a result it is concluded that no detailed assessment is necessary.

With regard to Haughmond quarry there have been no developments or planning permissions granted and therefore Shropshire Council are still of the opinion that there is no need to progress to a detailed assessment as there is a predicted background of $12.39 \mu\text{g}/\text{m}^3$, a reduction since the last USA in 2009.

Shropshire Council confirms that there are no potential sources of fugitive particulate matter emissions in the Local Authority area which have not previously been detailed in previous sections.

8 Conclusions and Proposed Actions

8.1 Conclusions from New Monitoring Data

As part of the AQAP for Shrewsbury a detailed review of the impact of taxi and bus emissions in the town centre was undertaken. This review identified that emissions from buses and taxis were significant. There has been a substantial investment in new modern low emission buses (supported by Shropshire Council). In respect of taxis a study identified the potential impact of the existing taxi fleet and therefore a new policy delivering European Emission Standards compliant taxis along with associated safety improvements through NCAP compliance was introduced in 2015. This policy applies across the whole of Shropshire and the implementation timetable is as follows:-

Application Type	Fuel	Period	European Emission Standard
Renewal	Any	Until 31 March 2016	Euro 3
Renewal	Any	1 April 2016 to 31 March 2018	Euro 4
New	Diesel	1 April 2015 to 31 March 2018	Euro 5
New	Petrol	1 April 2015 to 31 March 2024	Euro 5
Renewal	Petrol	1 April 2018 to 31 March 2024	Euro 5
Renewal	Diesel	1 April 2018 to 31 March 2022	Euro 5

Further information can be found in the policy as below:-

<http://new.shropshire.gov.uk/media/1489/hackney-carriage-and-private-hire-licensing-policy-2015-2019.pdf>

The impact of these changes will be considered in subsequent reviews.

Having considered all continuous monitoring data there are no concerns relating to particulate matter levels recorded.

There were exceedances of the national objective levels in respect of NO₂. The results in Bridgnorth for 2010 were approaching the annual average for NO₂ however ratification of subsequent years has not been carried out to date. This will be carried in time for the next report. There are no receptors in close proximity to this

continuous monitor and therefore it is not expected that there are any breaches of national objective levels in this location.

Diffusion tube data has highlighted the areas for further consideration as detailed below.

8.1.1: 2 Mill Street Bridgnorth Lowtown (Tube Ref 62)

Diffusion tube results from 2010 – 2014 found an exceedance of the NO₂ annual average national air quality objective of 40µg/m³. Works carried out to the road surface and markings in 2015 have created the potential for reduced congestion. The 2015 monitored result fell below the national objective level. It is recommended that monitoring continues in this location and that a detailed assessment is carried out if pollutant levels do not continue to decline.

The Local Transport Plan should consider how improvements could be achieved in this location.

8.1.2: Tern Hill Barn (Tube Ref 223)

The conversion of an existing barn into residential accommodation prompted monitoring at this location. Two years of monitoring have been completed using a diffusion tube. This has shown levels at the façade of the residential property to exceed the national air quality annual average NO₂ objective.

This impact of this development introducing a residential receptor into the area of concern was considered at the planning stage. A DMRB assessment predicted concentrations of NO₂ below the national air quality objective level however due to concerns it was a condition that no openings onto the roadside façade would be introduced to reduce impact on future residents. Telephone conversations with Defra Helpdesk confirmed this approach was suitable to reduce risks.

The 2015 data found a small reduction on 2014 data. Before a detailed assessment is carried out an additional year of monitoring data is necessary to identify any potential trends in NO₂ at this location.

8.1.3: Bridgnorth Pound Street AQMA

Annual mean NO₂ concentrations general remain stable and exceed the national objective level. The spread of the locations exceeding the objective level has not increased. Developments in close proximity which disrupted traffic flows may have contributed to increased NO₂ concentrations in 2012 and 2013. All work is now complete. It is recommended that the AQAP is reviewed to consider potential improvements in this area. The Local Transport Plan should consider the impact of any further traffic management or development proposals at this location and options for delivering improvements in air quality.

8.1.4: Shrewsbury No1 AQMA (Bayston Hill)

Diffusion tubes 400 and 452 indicate that no exceedance of the national air quality objective has occurred at relevant receptors since 2010 and have indicated a general downward trend in NO₂ levels. Additional monitoring locations were installed in 2015 (tubes 472 and 475) and although one has shown an exceedance of the national objective level the adjusted value at the receptor is below the objective level.

It is anticipated that future reductions are likely as a result of fleet improvements over time. Monitoring will remain in place at locations which are within 10% of the objective level and at historic locations for trend comparisons. Should results continue to show reductions in future this AQMA will be reviewed for consideration of revocation.

8.1.5: Shrewsbury No 2 AQMA (Heathgates Roundabout)

No exceedances of the national air quality objectives have been found the long term monitoring locations within the existing AQMA (tube ref 433) or at other locations in close proximity to the AQMA (tube ref 406 to the south and 412 to the north) since the last LAQM report (USA 2009).

Additional monitoring locations were installed within the AQMA in 2015 (tube ref 465, 466, 467 and 468). No results were found within 10% of the national objective level in 2015. It should be noted that all receptors are either at an equal distance to the monitoring locations or further away from the source of pollutants, the road. As a result it is concluded that it is unlikely that the national air quality objective levels will be exceeded in this area in future. The location has continued to subject to extended monitoring to evaluate the impact of significant development in the vicinity which is now approaching completion. As a result it is recommended that this AQMA is reviewed with the intention of revocation.

Significant work has been carried out on the Heathgates roundabout in recent years. These changes may have contributed to reductions in pollutant concentrations.

8.1.6: Shrewsbury No 3 AQMA

Diffusion tube results show a general decrease or stability in NO₂ concentrations in the Shrewsbury Town Centre. Most locations do not indicate likely exceedances of national objectives.

However monitoring in the area around the train station gyratory and roads leading into this (Chester Street, Castle Foregates and Smithfield Road) record nitrogen dioxide annual average concentrations in exceedance of the national air quality objective.

At the worst case location, Tube 438 (Station Hotel, 4 Castle Foregates) a significant reduction occurred in 2013 and 2014 following traffic signalling work in the area. A SCOOT system was introduced at peak times reverting to MOVA of peak. 2014 was the first year to record a NO₂ annual average below 60 µg/m³ suggesting that the hourly objective level was not exceeded.

In 2015 traffic signalling patterns were altered to reduce congestion at the Raven Meadows/Smithfield Road junction. Data suggests that this in turn resulted in reduced NO₂ concentrations at this junction by approximately 0.7 µg/m³. However as

a consequence there was an increase of over 7 $\mu\text{g}/\text{m}^3$ at the Station Hotel location. This implies that the hourly objective was likely to have been exceeded during 2015.

Work is being carried out in the train station gyratory area. Continuous monitors have been purchased and installed as part of a DEFRA air quality grant project which are capable of reporting when high pollutant levels are recorded in order to help identify if the traffic signals are experiencing any issues and allow actions to be taken swiftly. The impact of this work will continue to be evaluated.

The area around the train station gyratory has become more important as many office buildings have gained planning permission for change of use to residential accommodation and also through permitted development rights. As a result more residents will be in the area affected by poor air quality. No conditions in relation to air quality were possible at the planning stage due to the type of development put forward however informatives were passed on to applicants encouraging them to develop in a responsible manner.

In conclusion there are still exceedances of the annual mean in this AQMA. The existing AQMA is valid and actions should continue in line with the AQAP.

There is a monitoring location in close vicinity to but outside Shrewsbury No 3 AQMA (tube location with reference 457 - properties to the north of the Ellesmere/Berwick Road junction) which is of concern. This location has been very close to exceeding the national objective level on several occasions since installation in 2009 and exceeded the objective level in 2013. Traffic signalling changes carried out in 2014/15 seem to have brought about an improvement in this location with monitoring results recording levels nearly 10% below the objective level in 2014 and 2015. Whilst this suggests that it does not seem likely that there will be a future exceedance of the national objective the area is subject to significant further residential development which will potentially impact on traffic flow. Therefore monitoring will continue to track future trends.

8.1.7: Oswestry AQMA

The following table summarises data for the triplicate diffusion tube location representative of the Oswestry AQMA. Past data has been included for further information.

Tube description	2009	2010	2011	2012	2013	2014	2015
A483 (1)	37.0	37.7	31.3	32.5	33.4	33.1	32.3
A483 (2)	33.7	36.4	32.1	33.8	33.7	33.9	32.7
A483 (3)	35.8	37.5	33.6	32.2	36.8	33.9	32.3
Average	35.5	37.2	32.3	32.8	34.6	33.6	32.4

Having considered the results it is noted that no exceedances of the national objective level has been noted by any individual diffusion tube and subsequently the average of all results in any year. In 2010, a nationally recognised year of higher than average annual NO₂ concentrations, the average for the triplicate of results did not exceed the national air quality objective level. This suggests it is not likely that the national air quality objective level will be exceeded in this location in future. It is recommended that this AQMA is revoked.

8.2 Conclusions from Assessment of Sources

No new sources or developments are predicted to have a significant impact on air quality which is considered likely to produce any exceedances of the national air quality objectives. Where large developments have been proposed diffusion tubes have been located on existing roads in order to provide evidence of the situation prior to the development being installed. These locations will show the impact of any future development.

An assessment of the Whitchurch Hospital Biomass boiler has been undertaken and it is necessary to proceed to a detailed assessment. This will be carried out using ADMS roads and the information presented in the next round of reporting.

8.3 Proposed Actions

The USA has identified the following actions:

- Additional monitoring in Shrewsbury No 1 (Bayston Hill) has suggested one location within the existing AQMA which is close to the objective level. Further consideration of this area is considered necessary to consider the need for this AQMA in future.
- Additional monitoring in Shrewsbury No 2 AQMA (Heathgates roundabout) suggests no likely breach of objective levels. Revocation of this AQMA is considered appropriate.
- Shrewsbury No 3 AQMA covering Shrewsbury Town Centre has areas which continue to exceed the objective levels. The Shrewsbury town centre is set to have a significant amount of new development in future years including implementation of a new integrated transport scheme. Efforts will be required to ensure that these developments do not reverse a general, if slow, overall reduction in pollutant levels. Existing data suggest that hot spots also need consideration. The Local Transport Plan should consider how improvements could be achieved in this location. There is also a need to continue to be mindful of the wider impact of linked schemes (footpaths, cycle ways, bridges etc) and wider planning growth – there is work underway to develop a Shrewsbury Vision masterplan for the town including consideration of integrated transport and a general increase in residential use of buildings within the town.
- Monitoring representative of the Oswestry Nitrogen Dioxide AQMA finds no likely exceedance of objective levels. Revocation of this AQMA is considered appropriate.
- Monitoring in the Bridgnorth Pound Street AQMA finds continued exceedance of the objective levels. A reduction in pollutant concentration has occurred at the Pound Street monitoring location but further reductions are necessary. This will be considered alongside schemes and opportunities in the LTP.

- Additional monitoring of the Bridgnorth Lowtown area at the Mill Street/St James Street junction is necessary following recent improvements of the junction. The Local Transport Plan should consider how improvements could be achieved in this location.

- Further monitoring at Tern Hill Barn if necessary. It is recommended that this location is discussed with Defra.

- Detailed assessment of the Whitchurch Hospital biomass boiler as suggested in the 2009 USA.

- The Local Transport Plan should consider how improvements could be achieved in areas where air quality has been reported to be high and particularly where the national objective level is exceeded.

- Six poultry farms require additional assessment following recent information in TG(16) providing a screening tool which has them to require further attention. Defra will be contacted to discuss future actions and responsibilities.

9 References

Sources referred to throughout the completion of this document included:

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of Food and Rural Affairs. [Online]. Accessed at: [http://uk-air.defra.gov.uk/data/laqm-](http://uk-air.defra.gov.uk/data/laqm-background-maps?year=2011)

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Marnier. B., (2011). *Nitrogen Dioxide fall off with distance: Issue 4*. DEFRA. [Online].

Available via: <http://laqm.defra.gov.uk/tools-monitoring-data/no2-fallof.html>

Accessed: 28/09/2015

Appendices

Appendix A: QA/QC Data

Diffusion Tube Bias Adjustment Factors

Diffusion tubes were analysed by Gradko International Ltd. within the scope of laboratory quality procedures. The tube preparation method was a 20% TEA/water preparation. Bias correction was carried out by applying the factors specified in the National Diffusion Tube Bias Adjustment Factor Spreadsheet version number 09/13.

The bias adjustment factors used were:

2009: 0.90, 2010: 0.92, 2011: 0.90, 2012: 0.96

PM Monitoring Adjustment

The TEOM which had previously been installed at Chester Street was not considered to provide reliable enough data and therefore is not being considered in this report. It was removed in 2012 and since this time has been replaced with a BAM which is monitoring PM_{2.5} in the area. Results will be considered in future however early indications are that levels are generally low and that the objective set in Table 1.2 of TG(09), 25µg/m³ will not be breached at this location.

Raw data results from the Met-One BAM (unheated) PM₁₀ monitors were divided by 1.21 as stated in TG(09)Table 3.4 and paragraph 3.39 in order to correct for slope.

The instruments were serviced twice annually by Enviro Technology Services plc and were calibrated where necessary.

Short-term to Long-term Data adjustment

No short term monitoring has been undertaken and as such no adjustment to long term is required.

QA/QC of automatic monitoring

BAM: meets the UK equivalence test and is annually serviced. No issues found to suggest any unreliability therefore results are assumed to be precise with no bias adjustment required except that for slope noted in TG(09) paragraph 3.39

NOx analysers: serviced twice annually and internally calibrated upon these visits. Services carried out by the supplier, Enviro Technology Services plc. Span and zero calibration visits are carried out periodically every 2-4 weeks. During these visits filters were replaced and any faults noted and rectified. No issues raised after service visits therefore all results considered to be precise and without bias to the best of the equipment's capabilities.

QA/QC of diffusion tube monitoring

WASP results have been viewed via the DEFRA LAQM webpage links found at:

<http://laqm.defra.gov.uk/diffusion-tubes/qa-qc-framework.html>

Gradko International were found to have 100% of samples provide satisfactory results when tested by Health and Safety Labs in the time covered by this report on all but two occasions. When tested between April – June 2010 one result out of eight was not satisfactory. In October – December 2011 five of eight samples were not found to be satisfactory. On the whole it is recognised that the vast majority of WASP testing has shown that results obtained have all been satisfactory. As a result it is concluded that the quality control and quality assurance of diffusion tube data collected, after adjustment for bias, is satisfactory. Information obtained from WASP Summary 104-108 to 115-122.

Appendix B: Monthly dif usion tube results.

2010 data

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
1	Whitburn St	40.2	38.0	31.7	28.6	25.2	18.6	18.4	21.0	23.3		30.2	47.3	29.3	26.9
2	Church St	35.5	29.9	26.9	21.6	17.2	13.6	13.1	14.1	19.3	21.3	32.6	33.8	23.2	21.3
3	Princess Drive	27.1	26.1	19.4	14.1	11.0	9.2	9.6	9.1	13.4	17.9	23.9	28.6	17.4	16.0
4	Morfe Rd	28.1	33.7	26.7	13.0	11.4	10.2	8.8	10.0	14.1	15.9	23.8	30.9	18.8	17.3
6	Maypole/Crewes	23.0	22.6	15.1	11.1	8.4	8.0	6.3	7.8	10.6	8.8	23.7	27.1	14.3	13.2
8	Tong Island M54	38.0	40.1	31.6	27.9	24.2	24.1	19.9	22.4	27.5	28.1	31.6	41.2	29.7	27.3
9	Town Hall Bridgnorth	41.5	37.2	33.6	28.1	25.5	22.6	20.7	25.7	26.2	26.7	33.5	38.6	29.9	27.5
11	Whitburn -33	36.1	34.3	30.2	26.3	24.7	18.7	16.3	20.0	18.3		32.9	45.2	27.5	25.3
12	St. Marys St -30	42.8	40.4	27.3	24.3	21.2	15.3	15.3	18.6	23.8	27.4	35.1	41.1	27.7	25.5
15	Westcastle St	35.2	37.1	31.1	26.4	21.8	19.0	16.1	16.6	23.4	26.6	33.0	37.6	26.9	24.8
21	NatWest Bridgnorth	34.0	32.4		24.3	21.2	18.5	17.4	20.4	24.7	26.6	30.6	40.2	26.3	24.2
22	Wetherspoons Bridgnorth	37.0	38.1	33.6	32.2	24.8	23.5	17.1	20.6	24.7	32.0	37.2	40.0	30.0	27.6
23	Simply the Best	34.3	38.7	27.3	23.7	20.4	18.5	16.8	18.1	21.1	22.7		35.8	25.2	23.2
24	Travel Wallet	32.5	35.3	28.4	21.8	19.1	17.4	16.8	17.4	20.0	23.2	28.6	35.4	24.6	22.6
26	Majestic Cinema	38.0	36.7	29.7	25.9	21.4	18.5	17.7	20.0	25.2	34.9	28.0	38.0	27.8	25.6
30	10 Salop St	43.4	40.4	33.4	24.9	31.5	26.9	19.1	25.0	28.2	26.6	38.2	47.4	32.0	29.5
34	Southas Tobacconist	34.9	35.5	30.1	29.2	26.0	21.6	18.6	21.5	26.7	38.9	32.0	47.7	30.2	27.8
36	W H Smith	32.3	35.3		44.2	22.4	18.8	20.5	22.6	25.1	29.8	33.0	39.6	29.4	27.0
38	Old Post Office	38.5	33.0	28.5	21.3	21.7	18.4	17.0	20.8	24.4	30.6	31.4	41.7	27.2	25.0
40	Market House	28.9	27.6	27.0	23.1	22.1	20.3	16.4	17.7	24.2	32.0	29.7	37.3	25.5	23.4
41	Elcock Reisen	40.2	33.3	32.9	23.4	21.3	20.3	21.8	19.9	29.5	22.7	30.0	37.7	27.7	25.5
42	Westgate House	38.1	39.0	28.8	26.7	28.4	26.9	17.6	22.7	25.7	23.2	34.2	43.6	29.5	27.2
44	Sheinton House M/W	39.2	38.1	37.6	27.7	29.2	22.6	22.8	25.4	33.3	34.9	34.1	33.7	31.5	29.0
45	39 Sheinton St M/W	30.6	34.3	28.1	24.6	27.9	21.7	17.9	21.6	24.9	63.4	35.0	37.2	30.5	28.1
46	High St - Club Broseley	33.3	34.7	24.7	22.0	19.0	18.6	15.3	15.9	21.1	38.1	34.7	39.8	26.4	24.3
48	Bridgnorth Library	38.7	38.5	31.8	29.4	21.4	20.3	21.2	22.3	28.0	31.4	34.1	38.6	29.6	27.2
49	45 Listley St	42.4	40.9	32.8	23.9	22.6	19.6	17.0	20.7	25.6	17.4	35.6	47.2	28.7	26.4
101	Corve Street	37.5	39.6	31.5	29.2	25.5	24.4	20.2	23.6		30.5	30.3	35.1	29.7	27.3
102	Corve Street	36.2	37.3	30.9	29.6	26.1	25.5	20.4	25.1	29.1	34.7	27.1	33.8	29.6	27.2
103	Upper Galdeford	31.7	33.3	26.1	23.7	22.3	20.3		18.7	24.7	27.6	30.2	48.2	27.8	25.6
105	Ludford	30.5	32.7	27.3	22.5	25.2	26.6	21.8	26.4	30.4	26.1	26.0	33.4	27.4	25.2
106	CS A49	37.6	38.8	35.2	31.6	32.1	25.5	19.3	26.7	27.9	30.1	26.3	36.6	30.6	28.1
111	Aston Hill		10.5	6.3	2.1	4.1	4.5	3.0	3.4	6.4	6.8		10.0	5.6	5.2
112	Aston Hill		9.6	6.0	4.2	4.3	4.0							5.6	5.1
113	Aston Hill		10.7	5.6	4.4	4.2	4.7							5.9	5.4
115	Onibury	27.5	36.1	30.8	25.8	23.4	23.7	21.1	29.7	30.7	33.3	29.2	37.8	29.0	26.7
116	Castle Square		30.4							24.0				27.1	25.0

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
118	Tower Street	33.7	31.0	25.9	20.7		19.5	16.7	17.4	26.2	30.6	26.8	35.3	25.8	23.7
121	CA Fairfield	28.0	28.9	23.6	22.7	16.5	16.5	17.1	22.2	26.3	25.8	25.0	35.6	24.0	22.1
125	BC Whsipers		21.5		17.2	12.3	15.3		8.4	15.6				15.0	13.8
129	Cleobury	52.1	56.6	47.7	36.4	38.6	38.9		30.2	43.9	48.1	40.4	56.4	44.4	40.9
132	Corve Street	33.1	35.2	29.3	26.7	27.3	12.3	21.6		29.4	53.6	28.3	34.2	30.0	27.6
201	Coton	15.9		9.8	7.2	6.7	6.0	4.4	5.8		57.0		36.5	16.5	15.2
206	Cheshire St, MD	49.4	38.4	34.1	29.0	23.7	19.1	19.3	20.6	26.5	31.7	32.8	42.3	30.5	28.1
209	Green End Wch	34.9	35.7	27.3	23.6	22.0	21.7	13.7	17.5	21.5	22.9	5.5	42.8	24.0	22.1
210	Watergate Wch	35.1	35.6	26.5	23.3	20.1	17.5	11.8	17.7	19.5	40.0	27.7	36.6	25.9	23.8
302	Middleton Road School	24.8	24.5	16.8		9.1	8.6	5.2	6.2	12.9	15.3	23.4		14.6	13.4
303	Alexander Road Depot	20.2	19.3	11.7	9.0	7.4	6.0	5.2	5.5	8.8	10.5	18.8	22.5	12.0	11.0
304	15 Beatrice Street	45.1	41.0	34.0	28.1	28.5	23.5	18.6	26.8	28.1	33.8	36.2	45.8	32.4	29.8
310	Pant (2)	45.0	47.3	38.6	35.4	33.0	33.6	22.9						36.5	33.6
311	Pant (3)	44.1	47.0	40.8	35.7	39.7	30.5	25.9						37.6	34.6
402	Woodfield School, Copthorne Road	37.1	36.6	31.4	27.4	27.9	21.0	19.6	24.1	27.6	32.3	38.8	41.6	30.4	27.9
408	The Square, LH side by phone boxes	28.9	30.0	26.0	18.2	18.3	15.0	12.0	14.5	19.1	23.1	32.7	32.8	22.5	20.7
409	Wenlock Road, between New College Road and Kingston Drive	34.1	31.5	26.0	22.8	19.0	19.3	16.1	17.7	17.2	23.7	36.4	39.2	25.2	23.2
410	Ellesmere Road (Town End) opposite York Villa	32.9	39.9	31.0	26.6	24.9	22.6	17.9	23.0	26.5	29.1	37.3	39.1	29.2	26.8
414	Coleham Head, outside Printers	42.2	41.7	33.8	31.0	29.2	28.2	24.8	28.3	34.5	29.3	38.9	45.0	33.9	31.1
416	Abbey foregate gyratory(Samaritans)	50.1	42.4	38.3	32.4	30.4	32.5	25.1	34.3	33.1	33.5	43.6	47.0	36.9	33.9
418	Meole brace roundabout	38.7		27.0	27.9	22.8	25.3	15.8	18.8	26.8	29.6	35.6	41.7	28.1	25.9
421	St Michaels gate	38.4	40.3	31.6	27.6	24.9	22.2	18.1	23.2	26.5	33.7	35.8	46.0	30.6	28.2
422	Duplicate of Samaritans	46.5	49.0	33.0	29.8	31.3	29.7	21.6	27.7	31.2	33.7	39.3	56.1	35.7	32.8
426	Longnor Street	28.2	27.1	20.9	15.5	12.0	10.2	9.1	10.8	15.2	19.3	24.5	32.8	18.8	17.2
430	16 New Street (corner of post office) (side facade)		57.6	24.0	18.6	16.7	15.0	11.5	15.0	19.6	21.2	25.8	29.1	23.0	21.2
432	Featherbed Lane (opposite Inchape) Lamp Post)	38.2	37.2	27.8	26.2	26.7	24.7	16.7	23.2	24.7	24.5	34.6	43.6	28.9	26.6
434	35 Whittington Close (facard facing Sundorne Road)	36.4	37.8	27.1	29.4	22.6	25.3	21.6		44.8	33.2	34.0	45.8	32.5	29.9
435	1 Woodcote Cottages Bowbrook (gable end)	21.3	24.1	16.3	15.5	13.7	12.7	8.2	9.5	13.9	13.9	20.9	22.8	16.0	14.7
440	16 Ebnal Road	26.2	23.3	17.8	13.6	11.3	10.4	8.3	10.1	14.0	17.8	22.4	32.6	17.3	15.9
441	7 New College Road	23.6	21.7	16.9	13.8	11.3	9.7	7.4	8.7	13.9	15.9	22.7	27.8	16.1	14.8
442	1 Knightsbridge Close, Lampost Outside	33.9	26.6	21.7	16.1	13.0	11.9	8.0	10.8	16.0	18.3	29.0	33.4	19.8	18.3
5	Kidderminster Rd	47.1	47.3	34.4	31.2	31.7	30.5	24.9	26.6	29.6	34.7	39.3	50.8	35.6	32.8
7	Admirals Park	31.5	26.4	22.4	18.4	17.0	15.0	10.5	13.6	16.5	20.5	26.2		19.8	18.2
10	Moat St.-10	41.2	39.4	38.1	33.4	25.2	22.2	21.4		33.1		39.1	44.9	33.8	31.0
13	Pound St	65.2	64.7	52.8	50.4	46.1	44.3	41.2	46.0	52.5	54.6	63.2	74.3	54.6	50.2
14	Ebenezer Rd	44.6	39.6	37.2	33.5	26.5	22.7	23.4	25.7	32.0	34.7	33.4	47.6	33.4	30.7
16	Lavington Court	53.2	54.3	51.8	43.6	40.6	36.6	25.2	36.1	44.1	38.9	49.5	61.6	44.6	41.0
17	Underhill St	37.1	32.4	31.9	28.5	22.8	19.1	20.8	23.8	27.3	31.8	33.8	34.6	28.6	26.3
18	Charles Fox	41.7	37.1	36.9	32.6	27.0	24.5	20.9	28.1	30.0	29.8	34.9	42.6	32.1	29.6
19	Mill St	50.4	47.1	44.3	39.6	34.8	32.1	28.8	36.9	39.9	44.5	39.3	50.5	40.6	37.4

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
20	Bryan & Knott Bridgnorth	39.6	44.1	33.4	31.4	27.8	24.3	24.4	24.7	29.9	30.6	34.0	46.6	32.5	29.9
25	Citizens Advice	46.2	48.4	38.3	33.0	29.5	26.5	22.3	25.1	28.1	36.2	38.3	48.2	35.0	32.2
27	Smithfield	47.8	40.7	36.2		28.6	25.6	23.6	23.0	33.7	63.4	40.4	44.5	37.0	34.0
28	50 Whitburn St	74.8	86.1		31.6	61.4	47.5	41.4	48.6	61.0	38.1	67.0	76.3	57.6	53.0
29	Adj Rutters	47.2	46.8	36.0	25.8	35.5	30.8	22.3	27.2	39.2	34.7	46.6	52.8	37.0	34.1
35	Trevor Phillips	35.2	36.6	31.4	26.8	25.2	22.8	18.3	20.4	27.0	31.8	35.3	42.8	29.4	27.1
37	The Shakespeare Inn	45.6	42.1	37.0	27.7	28.8	23.4	21.1	23.3	30.1	44.5	40.4	49.3	34.4	31.6
39	Bridge 55	39.8	42.3	35.1	30.5	31.7	22.2	18.2	22.6	29.4	26.6	36.3	49.8	32.0	29.4
43	Opposite Endowed School	46.8	44.9	38.8	33.2	34.4	30.2	29.1	29.9	37.0	36.2	39.5	47.9	37.3	34.3
47	Gaskell Corner M/W	38.0	38.6	33.6	30.0	31.3	28.2	24.4	27.5	32.7	29.1	33.0	36.2	31.8	29.3
50	30A Salop St	51.0	48.3	38.7	37.9	37.9	33.6	33.0	32.2	38.5	49.2	46.4	59.7	42.2	38.8
54	Analyser	47.3	47.3	47.5	43.2	43.7	44.1	37.2	41.6	44.0	42.7	42.4	50.2	44.2	40.7
55	Analyser	55.6	49.6	52.0	39.3	39.5	35.7	40.3	39.8	49.0	48.4	47.0	58.6	46.2	42.5
56	Analyser	44.6	46.1	46.8	45.4	42.4	40.1	33.5	40.0	45.7	49.0	51.0	58.8	45.2	41.6
57	Junction-Kingsloade	33.0	31.2	28.7	22.0	20.5	17.3	18.0	23.2	24.6	22.9	32.5	37.9	25.9	23.9
58	8 Underhill St	56.1	48.8	47.7	44.8	43.3	37.6	32.9	43.5	54.8	48.9	56.9	60.4	47.9	44.1
59	2A Underhill	48.4	42.6	44.0	35.4	24.8	30.0	30.6	31.2	40.5	46.5	42.1	44.3	38.3	35.2
60	15 Bridge St		84.9	47.6	28.6	29.6	38.9	35.1	37.0	43.5	44.3	45.0	49.6	43.9	40.4
61	2 Bridge St	57.5	60.7	48.8	42.5	45.5	38.5	37.5	42.4	46.2	47.8	47.7	60.2	47.9	44.0
62	2 Mill St	74.6	69.1	61.1	56.6	53.6	40.4	37.7	41.0	46.1	53.3	64.0	76.4	56.1	51.6
63	Post Office - St Johns	53.5	49.6	43.5	42.8	36.8	30.3	33.7	33.3	43.1	40.9	46.4	46.9	41.7	38.3
104	Old Street		41.7	35.8	37.6	32.5	80.3	28.0	32.2	38.8	41.0	36.8	49.4	41.2	37.9
117	Corve Street Coral	53.6	63.3	53.4	51.2	42.6	37.6	27.3	42.9	44.0	56.2	42.8	75.7	49.2	45.2
126	BC Whsipers	23.4			13.2	17.2	37.9		15.0	19.3	13.6		24.2	20.4	18.8
127	BC Old Brick Cottage	27.8	27.0	21.0	17.1	16.6	43.7	11.6	14.1	17.0	20.2	23.1		21.7	20.0
128	Cleobury	47.1	54.9	43.3	37.2	39.1	45.0	26.9	35.0	40.3	44.8	51.1	47.3	42.6	39.2
130	Corve Street Coral	65.6	59.2	49.1	44.8	43.8	23.5	26.2	31.0	47.4	53.6	43.5	60.5	45.6	42.0
131	Corve Street Coral	41.9	61.9	43.3	41.9	21.4	20.3	26.6	32.7	39.2	57.0	45.6	59.1	40.8	37.6
202	Whitchurch	48.1	42.4	33.6	30.0	29.7	23.7		28.1	33.7	38.4	36.3	46.0	35.4	32.5
203	Prees Heath	49.8		46.1	29.0	33.1	17.2		36.2	46.9	53.6	42.2		39.3	36.1
204	Tern Hill	55.6	58.2	52.0	43.2	47.5	43.0	34.2	37.5	55.1	52.2	42.2	50.2	47.5	43.7
205	Market Drayton	42.9	39.3	28.2	26.5	24.9	21.5	18.5	22.5	27.8	31.8		41.7	29.5	27.2
207	Shropshire St MD	43.3	42.7	29.3		29.7			26.3	32.3	21.7	40.1	48.9	34.9	32.1
211	Tilstock Roundabout	51.6	50.1	43.2	37.1		41.6	28.2	40.1	39.5	45.4	39.8	51.8	42.5	39.1
212	Tern Hill Roundabout	48.4	53.0	45.8	41.3	43.1	41.2	29.3	38.2	43.5		42.5	47.0	43.0	39.5
213	Tern Hill Farmhouse	44.6	49.4	40.9	34.2	38.0	37.9	14.3	35.8		43.8	39.2	41.4	38.1	35.0
214	Tern Hill Roundabout	47.4	54.3	48.6	44.4	46.4	42.9		23.2	40.9	38.1		57.1	44.3	40.7
215	Tern Hill Roundabout	52.5	58.8	49.9	46.0	56.4	46.4	30.2	36.5	42.7	40.3		47.2	46.0	42.3
216	Wem High Street					41.1	42.9	27.5	33.4	35.1	34.1	42.2	51.2	38.4	35.3
217	Mill Street, Wem							30.2	40.4	43.9	46.2	50.3	79.1	48.3	44.4
301	Willowgate		39.1	33.8	29.6	27.2	24.5	21.8	22.3	28.9	34.0	33.6	39.5	30.3	27.9

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
305	74 Castle Street	46.2	52.2	39.2	32.7	30.5	31.4	26.3	31.0	34.3	42.7		56.5	38.4	35.3
306	A483 (1)	49.1	46.0	42.7	37.9	40.9	27.9	30.7	37.4		43.7	46.2	48.6	41.0	37.7
307	A483 (2)	44.0	52.1	42.7	33.5	36.5	34.4	28.4	35.2	40.3	40.5	43.9	44.4	39.6	36.4
308	A483 (3)	50.2	44.8	41.5	34.8	39.9	33.8	23.2	39.5	44.8	45.8	39.1	52.1	40.7	37.5
309	Pant (1) AQMS	45.7	38.5	38.7	31.7	32.8	33.5	25.0	31.3		42.9	45.8	44.3	37.2	34.3
400	A49 Bayston Hill, Opposite Three Fishes	50.0	56.1	47.2	44.6	46.5	41.9	32.9	40.0	39.5	49.4	60.2	61.8	47.5	43.7
401	Mytton Oak Road, between 2 entrances to hospital	36.8	36.0	32.5	25.1	23.5	20.1	17.6	20.4	26.3	27.2	35.7	43.8	28.7	26.4
403	Smithfield Road, on corner of Victoria Avenue	46.6	48.1	44.0	47.9	40.1	35.9	39.0	41.6	45.5	38.0	41.2	39.6	42.2	38.9
404	Town Walls, opposite Murivance	39.3	37.6	28.4	21.8	22.8	21.0	14.4	20.8	23.7	25.0	28.5	47.9	27.5	25.3
405	Shillington Drive, Corner with Battlefield Road	43.5	34.5	25.5	26.1	24.7	20.8	18.0	24.6	26.1	26.1	40.3	38.4	29.0	26.7
406	Ditherington Road, Mount Pleasant Road by Doctors	42.0	40.0	39.0	35.4	39.1	30.6	26.5	30.2	36.7	35.8	48.1	41.2	37.0	34.0
407	Dogpole (Car Entrance)	49.7	43.9	39.7	37.0	35.7	30.4	26.5	30.3	37.7	37.3	46.6		37.7	34.6
411	Dorrington, outside Horseshoes Inn		38.9	32.3		32.5	30.9	29.3	35.0	37.2	35.4	39.9	41.8	35.3	32.4
412	Whitchurch Road, adjacent to traffic lights by Morrisons	48.5	46.9	38.3	35.1	32.2	32.2	30.3	36.3	41.0	47.7	55.3	54.8	41.5	38.2
413	Ravens Meadow, outside 23 Meadow Place	48.3	47.7	38.6	38.7	41.8	32.9	30.1	37.1	42.4	37.9	46.8	49.1	40.9	37.6
415	English Bridge, town side of bridge, opposite bus stop LHS	49.2	46.8	39.1	34.9	37.2	29.6	20.3	31.5	35.7	32.5	45.8	48.9	37.6	34.6
417	Meole brace between Bayleys and retail park	37.1	45.2	39.3	39.4	29.7	29.5	20.3	25.9	31.7	42.5	42.1	41.8	35.3	32.5
419	51 Abbey Foregate next to house number 51	50.5	41.3	34.3	34.2	29.1	27.8	19.9	26.6	30.5	34.6	39.0	44.8	34.3	31.6
420	Outside 25 Castle Street	49.1	64.2	42.4	39.3	39.8	38.1	27.2	29.8		40.1	45.7	59.4	43.1	39.7
423	Duplicate of Samaritans	36.9	44.2	36.6	32.5	34.3	30.8	23.0	29.0	34.1	33.6	43.5	47.6	35.5	32.6
427	82/83 Frankwell (Facade)	40.6	42.4	32.4	31.6	29.4	28.9	20.1	27.4	36.4	36.3	36.7	51.6	34.4	31.7
428	Brittania Inn, Castle Foregate	45.6	48.1	47.5	46.8	34.3	33.5	27.2	27.7	45.2	40.5	39.6	47.2	40.2	37.0
429	6a Severn Steps (ad) Lamp Post	37.9	46.1	37.7	36.2	35.7	28.4	25.3	25.9	40.5	41.7	38.0	52.9	37.1	34.2
431	Abbey Foregate/Monkmoor Road	43.1	52.8	38.8	36.7	35.1	32.0	21.8	31.1	35.2	37.3	41.9	56.7	38.5	35.4
433	Heathgates Public House (front facard)	38.8	38.0	30.8	30.9	30.6	28.9	13.8	20.7	29.3	32.3	35.4	37.8	30.5	28.1
436	The Albert Smithfield Road	45.5	47.0	39.6	43.8	42.0	37.6	25.5	34.2	40.6	38.1	39.9	48.9	40.2	36.9
437	The Albert Duplicate	38.8	49.3	42.5	43.0	39.3	39.2	28.3	35.0	44.9	40.0	40.8	52.8	41.1	37.8
438	Station Hotel 4 Castle Foregate (facard)	85.7	91.5	79.0	76.4	91.7	77.7	53.9	81.2	93.1	85.6	71.3	97.1	82.0	75.4
439	135 Harlescott Lane	28.1	24.9	19.7	17.2	14.4	12.9	9.3	10.2	16.9	18.4	21.6	28.4	18.4	17.0
443	36 London Road, Lamp Post	41.4	39.8	33.5	25.8	24.9	22.4	17.6	21.8	28.7	30.8	37.4	47.6	30.9	28.4
444	New AQMS 1A Chester Street	52.0	54.1	48.1	37.4	35.6	33.1	22.9	27.6	40.0	41.9	38.8	48.9	40.0	36.8
445	New AQMS 1A Chester Street	51.0	57.4	43.0	35.8	33.2	35.3	20.0	26.1	38.7	45.6	39.5	57.5	40.2	37.0
446	New AQMS 1A Chester Street	45.7	51.0	44.5	40.5	37.6	32.9	22.2	30.4	49.0	47.1	39.4	58.7	41.5	38.2
447	Shrewsbury Station Platform 4/5			45.4	47.1	40.6	42.3	32.7	36.1	11.8	46.3	46.7	46.5	39.5	36.3
448	Welshpool Road								7.3	26.3	14.4	21.7	26.2	19.1	17.6
449	Darwens Wood								20.6		26.5	30.4	36.9	28.5	26.2
450	Longden Coleham junction								21.9	26.4	28.9	36.2	47.0	32.1	29.5
208	High St. Wch	32.1	31.7	23.4	22.2	16.7	17.2	13.1	16.6	18.5	25.5	28.0	36.0	23.4	21.5
451	Longden Coleham								17.8	24.2	29.6	33.0	41.0	29.1	26.7

2011 data

Year	Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
2011	25	Citizens Advice	35.7	48.8	38.8	37.4	31.4	28.7	26.4	27.1	27.8	32.7	43.5	31.4	34.1	30.7
2011	27	Smithfield	36.5	42.4	35.6	32.1	30.0	28.7	27.7	27.8	33.7	31.4	44.6	30.4	33.4	30.0
2011	28	50 Whitburn St	60.7	65.8	63.2	32.5		68.4	56.9	55.8	41.7	26.6	64.0	53.2	53.5	48.1
2011	29	Adj Rutters	38.2	37.8	38.8	37.0	23.5	29.4	30.9	29.8	28.5	32.7	44.4	25.6	33.0	29.7
2011	35	Trevor Phillips	29.3	29.5	35.6	27.9	19.9	23.0	22.8	22.3	26.4	30.4	35.5	22.7	27.1	24.3
2011	37	The Shakespeare Inn	32.2	39.4	36.8			28.9	25.8	25.0	24.1	26.7	40.2	26.0	30.5	27.4
2011	39	Bridge 55	30.6	33.4	40.1	35.2	20.0	18.7	24.7	24.8	19.4	24.7	35.7	21.9	27.4	24.6
2011	43	Opposite Endowed School	38.8	41.1	23.6	33.5	29.4	30.8	23.5	31.1	30.5	34.1	40.7	29.9	32.2	29.0
2011	47	Gaskell Corner M/W	29.8	32.7	37.7	28.5	26.0	26.9	25.7	27.0	32.4	28.9	35.7	21.6	29.4	26.4
2011	50	30A Salop St	42.5	45.2	49.2	40.8	37.9	33.2	34.5	35.7	36.5	35.2	44.7	37.9	39.4	35.4
2011	54	Analyser	42.2	47.8	46.2	39.0	47.1	44.6	34.5	41.5	44.0	43.6	45.0	39.0	42.8	38.5
2011	55	Analyser	37.2	46.6	47.2	41.7	43.3	48.3	38.4	46.8	42.7		89.3	42.6	47.6	42.8
2011	56	Analyser	38.6	53.8	48.8	39.3	41.0	40.6	38.8	45.7	39.7	43.7	44.4	36.3	42.5	38.2
2011	57	Junction-Kingslade	32.4	21.8	28.7	20.1	18.3	18.3	21.0	22.7	20.8	23.0	29.1	23.9	23.3	20.9
2011	58	8 Underhill St	52.2	57.3	49.5	46.8	39.9	35.7	39.8	45.7	32.6	39.7	48.7	42.7	44.2	39.7
2011	59	2A Underhill	41.6	42.2	44.3	36.7	35.9	33.2	29.0	39.3	34.8	42.3	43.0	36.1	38.1	34.3
2011	60	15 Bridge St	45.5	44.1	48.6	39.7	38.3	41.0	35.9	40.7	39.5	37.9	48.7	37.6	41.4	37.3
2011	61	2 Bridge St	45.7	41.7	53.4	49.6		43.3	38.9	43.5	39.0	36.5	40.8	38.0	42.7	38.4
2011	62	2 Mill St	54.4	54.8	64.0	46.5	41.0	37.0	40.9	45.5	43.3	35.0	48.6	39.6	45.8	41.2
2011	63	Post Office - St Johns	42.4	52.9	47.1	44.5	35.9	35.7	32.9		40.6	38.5	43.4	38.8	41.1	37.0
2011	64	Cartway, Low Town							12.0	13.5	13.9	16.6	24.2	16.7	16.1	14.5
2011	65	Mill Street, Low Town							37.8	45.9	34.8	38.9	43.2	40.7	40.2	36.2
2011	66	Mill Street, Low Town							30.3	36.0	35.2	37.7	43.5	29.5	35.3	31.8
2011	67	Hospital Street, Low Town							34.6	40.8	36.1	38.6	50.3	33.1	38.9	35.0
2011	68	Oaklands							9.9	11.1	11.4	12.2	24.5	12.2	13.5	12.1
2011	69	Stourbridge Road							15.6	15.4	17.9	21.9	31.2	18.3	20.0	18.0
2011	70	Stourbridge Road							28.1	31.2	26.1	30.2	38.8	25.1	29.9	26.9
2011	104	Old Street		34.7	26.7	33.6	28.2	32.8	32.1	32.0	36.9		49.9	40.6	34.7	31.2
2011	117	Corve Street Coral	50.0	48.9	34.7	42.6	35.2	33.5	37.9	31.4	33.2		59.8	31.1	39.8	35.8
2011	126	BC Whsipers		19.6	22.4	15.9		12.6	15.0	15.1	14.8			13.6	16.1	14.5
2011	127	BC Old Brick Cottage	20.9		19.2	17.0		14.1	16.0	11.9	11.8	14.9	21.6		16.3	14.7
2011	128	Clebury	41.3		50.9	45.0	31.8	40.8		35.0	31.3	45.0	52.0		41.4	37.2
2011	130	Corve Street Coral	46.5	40.0	47.2	42.9	36.0	37.8	41.3	31.6	31.3	39.3	54.3	34.3	40.2	36.1
2011	131	Corve Street Coral	45.4	41.3	44.8	45.9	28.9	34.6	35.1	31.9	31.2	42.7	52.8	33.0	38.9	35.0
2011	133	BC - Brick Meadow							8.6	7.5		10.9	18.6	7.7	10.6	9.5
2011	134	BC - Grange Road										5.2	13.0	3.7	7.2	6.5
2011	135	BC - Barclays Bank									11.0	12.9	24.1		15.9	14.3
2011	136	BC - Rees Piece							4.0	3.7	4.1	5.5	13.4	2.7	5.5	4.9
2011	137	BC - Oak Meadow							6.2	4.5	5.1	6.7			5.6	5.0
2011	138	CM - Lower Street								23.8	28.0	26.9	33.2	28.4	28.0	25.2

Year	Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
2011	139	CM - Post Office								34.9	38.9	42.2	45.0	37.4	39.6	35.7
2011	140	CM - Bus Shelter								26.7	21.3		33.3		27.0	24.3
2011	141	CM - Opp Osborne Cott							16.4	17.2	17.3			25.7	19.1	17.2
2011	202	Whitchurch	43.9	32.6	34.8	32.4	20.7	28.3	28.1	26.6	29.8	29.3	32.9	28.3	30.6	27.5
2011	203	Prees Heath	39.0	44.3	55.2	43.9	36.7	39.5	42.0	34.8	31.8		54.2	28.2	40.8	36.7
2011	204	Tern Hill	99.3	52.5	45.0	48.1	41.5	39.4	45.6	41.6	51.0	48.3	38.2	38.2	49.0	44.1
2011	205	Market Drayton	51.5	28.5	33.0	20.8	19.9	19.2	22.3	17.0	18.4	20.6	39.9		26.4	23.8
2011	207	Shropshire St MD	32.3	36.4	38.3		32.2	29.4			18.4	29.3	37.7	29.2	31.4	28.2
2011	211	Tilstock Roundabout	42.9	27.4	46.3	34.1	25.4	30.4	42.5	26.8	19.6		35.2	16.8	31.5	28.4
2011	212	Tern Hill Roundabout	43.3	43.6	43.0	43.5		35.2	39.6	41.8	33.9	32.8	43.1	29.1	38.9	35.0
2011	213	Tern Hill Farmhouse	40.5	40.1	50.5	47.1		38.2	39.8	35.3	32.6		56.7	34.5	41.5	37.3
2011	214	Tern Hill Roundabout	42.5	36.3	39.0	42.9	33.6	35.4	40.1	41.7	35.6	33.9	44.7	31.1	38.0	34.2
2011	215	Tern Hill Roundabout	54.4	35.2	46.4	45.2	40.4	39.2	31.5	41.3	37.5	35.6	46.5	32.3	40.4	36.4
2011	216	Wem High Street	37.3	35.4	44.9	34.9	27.5	30.3	39.5	33.5	30.1	28.4	34.4	32.7	34.0	30.6
2011	217	Mill Street, Wem	48.4	42.8	47.3	53.2	38.5	36.1	48.5	41.1	40.7	33.1	40.7	42.9	42.7	38.4
2011	218	Mill Street, Wem							26.9	29.0	26.2	43.2	50.8	30.6	34.4	30.9
2011	219	Aston Street, Wem							23.3	18.6	16.7	19.7	27.8	19.0	20.8	18.7
2011	220	High Street, Wem							31.6	27.6	27.8	29.2	38.4	25.1	29.9	26.9
2011	221	Soulton Road, Wem							21.3	18.6	19.0	20.3	30.8	19.5	21.5	19.4
2011	301	Willowgate	35.0	37.8	40.6	39.7	28.6	23.3	20.2	22.5	29.8	30.7	40.5	25.0	31.1	28.0
2011	305	74 Castle Street	43.5		39.7	34.9	28.0	27.1	28.4	29.7	30.6	29.3		61.2	35.2	31.7
2011	306	A483 (1)	50.0	38.1	36.0	44.4	35.7	32.3	35.2	35.5	29.8	34.4	14.6	31.7	34.8	31.3
2011	307	A483 (2)	42.5	39.0	39.1	41.7	32.1	28.2	40.7	30.6	34.8	33.3	37.6	28.5	35.6	32.1
2011	308	A483 (3)	47.9	39.0	35.1	47.5	33.9	31.7	39.1	35.3	36.8	32.8	42.9	26.7	37.3	33.6
2011	309	Pant (1) AQMS	40.0	39.0	38.9	40.3	33.4	30.4	37.3	32.2	33.6	35.1	45.4	27.8	36.1	32.4
2011	312	Pant Village Hall							25.4	20.6	21.0		32.7	26.9	25.2	22.7
2011	400	A49 Bayston Hill, Opposite Three Fishes	60.2	46.8	58.0	57.5	37.9	34.4	37.8	38.7	35.4	32.0	44.8	31.8	42.9	38.6
2011	401	Mytton Oak Road, between 2 entrances to hospital	35.7	27.9				16.9	18.5	17.8	17.0	25.5	37.8		24.6	22.1
2011	403	Smithfield Road, on corner of Victoria Avenue	41.2	40.8	47.2	46.3	35.2	30.7	29.8	33.2	36.7	39.6	45.1	33.8	38.3	34.4
2011	404	Town Walls, opposite Murivance	28.5	28.9	33.8		16.7	13.9	18.6	15.5	14.9	9.2	33.5	17.0	20.9	18.8
2011	405	Shillington Drive, Corner with Battlefield Road	40.3	34.8	33.2	28.7	20.5	21.2	22.3	25.5	22.0		21.2	21.7	26.4	23.8
2011	406	Ditherington Road, Mount Pleasant Road by Doctors	48.1	40.6	46.7	39.6	24.6	21.0	30.0	25.3	23.6	32.0	37.0	26.6	32.9	29.6
2011	407	Dogpole (Car Entrance)	46.6	40.8	40.4	36.9	31.6	23.7	27.3	26.5	23.3	28.9	42.4	24.2	32.7	29.4
2011	411	Dorrington, outside Horseshoes Inn	39.9	33.7	46.0	37.4	32.8	28.8	34.1	25.8	27.7	27.4	33.2	22.3	32.4	29.1
2011	412	Whitchurch Road, adjacent to traffic lights by Morrisons	55.3	47.4	52.6	35.0	48.1	27.5	31.5	32.0	34.7	32.6	38.6	36.3	39.2	35.3
2011	413	Ravens Meadow, outside 23 Meadow Place	46.8	46.4	43.8		23.2	33.0	34.0	31.9	31.2	37.7	48.1	33.0	37.1	33.4
2011	415	English Bridge, town side of bridge, opposite bus stop LHS	45.8	42.8	42.8	40.1	21.7	24.3	28.5	27.2	22.3	25.7	43.4	24.8	32.4	29.1
2011	417	Meole brace between Bayleys and retail park	42.1	46.1	46.4	40.3	18.2	22.6			26.7	30.6	44.8	20.0	33.7	30.4

Year	Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
2011	419	51 Abbey Foregate next to house number 51	39.0	38.4	38.6	35.3	24.6	21.4	37.1		43.9	27.1	37.1	24.9	33.3	30.0
2011	420	Outside 25 Castle Street	45.7	50.1	38.1	41.0				29.2	26.0	30.3	40.6	29.0	36.6	32.9
2011	423	Duplicate of Samaritans	43.5	41.4	37.6	37.9	23.2	22.2		79.8	26.1	32.8	38.1	25.1	37.0	33.3
2011	427	82/83 Frankwell (Facade)	36.7	37.7	33.9		24.5	24.6	30.3	25.7	22.9	30.1	40.0	26.2	30.2	27.2
2011	428	Brittania Inn, Castle Foregate	39.6	53.5	47.2	40.7		31.7	34.3	30.6	30.8	48.1	49.5	31.6	39.7	35.7
2011	429	6a Severn Steps (ad) Lamp Post	38.0	52.9	37.6	40.7	33.3	25.4	29.0		36.0	37.6			36.6	33.0
2011	431	Abbey Foregate/Monkmoor Road	41.9	32.0	39.5	33.7	25.1	23.9		23.5	22.1	30.1	37.6	21.4	30.0	27.0
2011	433	Heathgates Public House (front facard)	35.4	32.3	34.3	34.4	25.0	22.1		22.7	22.7	28.2	35.0	21.0	28.4	25.6
2011	436	The Albert Smithfield Road	39.9	38.6	43.6	48.3	39.3	32.3	36.9	30.8	31.3	40.7			38.1	34.3
2011	437	The Albert Duplicate	40.8	40.1	39.0	44.0	34.9	33.3	34.6	31.6	31.1	38.9			36.8	33.1
2011	438	Station Hotel 4 Castle Foregate (facard)	71.3	83.4	73.0	93.5		53.5	43.5	74.9	56.5	69.4	78.2	58.8	68.7	61.8
2011	439	135 Harlescote Lane	21.6	25.8	22.9	18.8	10.1	8.9	8.7	8.8	11.9	14.4	24.3	10.6	15.5	13.9
2011	443	36 London Road, Lamp Post	37.4	33.2	32.2	29.1	21.5	23.9	22.1	20.3	19.2	26.2	35.3	21.0	26.7	24.1
2011	444	New AQMS 1A Chester Street	38.8	53.5	41.9	48.7	34.7	28.9	31.7	28.3	30.5	31.7	46.1	28.9	36.9	33.2
2011	445	New AQMS 1A Chester Street	39.5	43.4	40.1	44.8	35.2	32.9	29.0	27.8	29.8		46.9	31.8	36.4	32.8
2011	446	New AQMS 1A Chester Street	39.4	54.5	38.6	47.7	34.3	30.8	32.8	28.2	28.3		47.2	33.3	37.7	33.9
2011	447	Shrewsbury Station Platform 4/5	46.7	53.7	37.3	39.8	41.1	41.5	42.1	38.9	35.8	43.0	45.0		42.2	38.0
2011	448	Welshpool Road	21.7	32.6	17.4	11.4		7.0	7.2	8.1	10.8	13.5	16.4	9.7	14.1	12.7
2011	449	Darwens Wood	30.4	28.7	29.6	29.7	18.2	13.3	19.6	22.0	18.0	23.5	38.1	13.5	23.7	21.3
2011	450	Longden Coleham junction	36.2	28.0	37.6	32.9	17.1	31.4	24.2	20.7	19.0	23.4	30.8	21.6	26.9	24.2
2011	208	High St. Wch		43.1	46.4	21.2	14.2	13.0	17.2	14.4	13.9	18.5	30.1	15.2	22.4	20.2
2011	451	Longden Coleham	33.0	33.9	27.9	27.3	15.7	16.2	16.6	16.9	17.5	24.7	32.9	23.4	23.8	21.4
2011	452	AQM BH							33.0	28.8	30.9	25.2	38.0	26.8	30.4	27.4
2011	453	Ellesmere Road							26.3	22.4	22.8	28.1	42.6	24.2	27.7	24.9
2011	454	York Road							14.4	11.9	12.0	17.3	32.3	11.1	16.4	14.8
2011	455	Whitchurch Road							20.4	18.4	19.4	26.0	33.1	18.9	22.6	20.4
2011	456	Coton Hill/Berwick Road							49.2	44.1	44.6	43.4	49.3	43.2	45.6	41.0
2011	457	Ellesmere Road/Berwick Road							51.5	44.9	42.8	38.4	46.4	40.8	44.1	39.7
2011	1	Whitburn St	30.0	32.8	31.1	23.9	23.2	22.8							27.3	24.5
2011	2	Church St	24.5	26.9	27.6	20.0	16.0	14.5							21.5	19.4
2011	3	Princess Drive	22.1	19.5	24.6	13.2	9.1	9.5							16.3	14.6
2011	4	Morfe Rd	19.6	22.2	22.4	14.6	8.6	9.3							16.1	14.4
2011	6	Maypole/Crewes	14.2	21.5	20.6	11.0	7.1	7.0							13.5	12.2
2011	8	Tong Island M54	32.9	26.4	31.0	27.8	18.4	24.1							26.7	24.0
2011	9	Town Hall Bridgnorth	27.1	30.1	36.5	28.4	20.9	23.6							27.7	24.9
2011	11	Whitburn -33	34.9	37.6	32.6	28.4	22.3	22.0							29.6	26.6
2011	12	St. Marys St -30	37.8	29.4	31.8	24.4	19.5	18.0							26.8	24.1
2011	15	Westcastle St	26.2	30.6	33.5	22.7	18.1	18.2							24.8	22.3
2011	21	NatWest Bridgnorth	26.6	26.0	26.9	22.9	22.0	21.4							24.3	21.8
2011	22	Wetherspoons Bridgnorth	26.9	31.4	38.9	26.8	23.0	19.9							27.8	25.0
2011	23	Simply the Best	27.8	25.3	31.0	25.0	19.9	21.3							25.0	22.5
2011	24	Travel Wallet	23.0	25.5	28.6	21.5	17.7	17.9							22.3	20.1

Year	Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
2011	26	Majestic Cinema	30.2	35.0	35.1	23.6	20.9								28.9	26.0
2011	30	10 Salop St	33.9	30.4	41.9	28.9	21.0	24.9							30.1	27.1
2011	34	Southas Tobacconist	33.4	34.4	33.9	18.4	21.0	23.3							27.4	24.6
2011	36	W H Smith	28.2	26.9	26.5	25.2	19.4	21.8							24.6	22.1
2011	38	Old Post Office	32.3	26.1	28.8	23.8	18.3	19.0							24.7	22.2
2011	40	Market House	25.1	30.2	31.8	22.3	17.0	15.1							23.5	21.2
2011	41	Elcock Reisen	32.0		27.6	20.7	14.9	13.1							21.6	19.4
2011	42	Westgate House	30.2	19.6	35.0	29.3	19.0	16.5							24.9	22.4
2011	44	Sheinton House M/W	31.5	39.0	33.5	29.8	21.6	29.7							30.8	27.7
2011	45	39 Sheinton St M/W	29.2	25.6	32.7	27.0	18.3	22.8							25.9	23.3
2011	46	High St - Club Broseley	29.2	31.3	30.0	19.1	15.2	13.0							22.9	20.6
2011	48	Bridgnorth Library	30.6	34.7	34.6	25.5	22.2	22.1							28.2	25.4
2011	49	45 Listley St	32.4	31.4	34.4	26.6	17.2	18.8							26.8	24.1
2011	101	Corve Street	29.6	35.0	28.2	29.9	22.0	24.7							28.2	25.3
2011	102	Corve Street	30.3	34.0	24.7	23.9	24.2	22.5							26.5	23.9
2011	103	Upper Galdeford	32.6	29.5	29.1	27.7	17.3	16.1							25.3	22.8
2011	105	Ludford	23.5	17.6	21.3	21.0	22.6	25.2							21.8	19.6
2011	106	CS A49	34.9	29.1	27.4	37.9	21.7	27.5							29.7	26.7
2011	111	Aston Hill	6.5	8.5	7.6	4.5	3.6	3.2							5.6	5.0
2011	303	Alexander Road Depot	14.5	16.5	15.7	11.0	6.5	5.3							11.5	10.4
2011	115	Onibury	30.1	17.8	25.1	32.1	21.1	23.9							25.0	22.5
2011	116	Castle Square		36.1	23.2	24.4	19.3	15.4							23.6	21.3
2011	118	Tower Street	33.3	28.4	24.5			18.8							26.2	23.6
2011	121	CA Fairfield	27.7	26.6	22.3	25.5	21.6	18.8							23.7	21.3
2011	125	BC Whsipers	20.1	16.9	16.4	15.5	10.7								15.9	14.3
2011	129	Cleobury			46.6	45.0	34.1								41.8	37.6
2011	132	Corve Street	33.9	32.0	27.7	27.9		22.3							28.7	25.8
2011	201	Coton	12.8	12.4	12.0	7.2	5.1								9.8	8.9
2011	206	Cheshire St, MD	32.9	29.0	35.0	22.9	18.6	19.7							26.3	23.7
2011	209	Green End Wch	28.1	24.0	33.6		17.7	13.9							23.4	21.1
2011	210	Watergate Wch	28.1	24.2	31.5	21.1	15.6	14.3							22.4	20.2
2011	302	Middleton Road School	22.2	18.3	18.4	14.4	7.8	6.9							14.6	13.1
2011	304	15 Beatrice Street	35.5	29.9	24.6	30.4	22.3	22.4							27.5	24.7
2011	402	Woodfield School, Copthorne Road	38.8	31.2	39.4	29.8	22.7	20.2							30.3	27.3
2011	408	The Square, LH side by phone boxes	32.7	29.5	26.5	21.1	16.1	11.8							22.9	20.6
2011	409	Wenlock Road, between New College Road and Kingston Drive	36.4	31.1	31.9	24.3	17.9	14.6							26.0	23.4
2011	410	Ellesmere Road (Town End) opposite York Villa	37.3	34.1	28.9	28.1	29.2	16.4							28.9	26.0
2011	414	Coleham Head, outside Printers	38.9	37.2	36.4	38.3	27.9	25.5							34.0	30.6
2011	416	Abbey foregate gyratory(Samaritans)	43.6	37.6	43.6	35.3	28.5	24.5							35.5	31.9
2011	418	Meole brace roundabout	35.6	34.7	32.6	36.2	20.5	18.4							29.6	26.6
2011	421	St Michaels gate	35.8	37.1	31.8	33.2	21.1	20.1							29.8	26.8

Year	Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
2011	422	Duplicate of Samaritans	39.3	33.6	34.8	27.7	24.0	27.9							31.2	28.0
2011	426	Longnor Street	24.5	26.1	21.7	15.7	10.8	10.1							18.1	16.3
2011	430	16 New Street (corner of post office) (side facard)	25.8	25.2		21.0	12.4	12.4							19.3	17.4
2011	432	Featherbed Lane (opposite Inchape) Lamp Post)	34.6	28.6	29.6	29.1	14.5	15.9							25.3	22.8
2011	434	35 Whittington Close (facard facing Sundorne Road)	34.0	32.4	32.1	30.4	21.5	23.3							28.9	26.0
2011	435	1 Woodcote Cottages Bowbrook (gable end)	20.9	21.1	18.7	17.9	9.4	9.5							16.2	14.6
2011	440	16 Ebnal Road	22.4	17.9	21.0	14.2	8.9	9.6							15.6	14.0
2011	441	7 New College Road	22.7	17.8	17.7	15.4	8.2	6.5							14.7	13.2
2011	442	1 Knightsbridge Close, Lampost Outside	29.0	26.2	21.2	14.0	10.5	10.5							18.5	16.7
2011	5	Kidderminster Rd	36.6	34.2	34.5	28.6	27.8	26.3	25.1	26.8	27.9	25.8	31.7	25.2	29.2	26.2
2011	7	Admirals Park	49.7	22.4	29.2	19.5	11.7	13.1	13.3	11.6	12.5	16.0	28.7	13.3	20.0	18.0
2011	10	Moat St.-10		72.0	39.3	27.9	26.4	25.6	24.3	25.8	25.1	34.7	37.5	25.5	33.0	29.7
2011	13	Pound St	53.4	47.4		91.9	47.3	53.1	42.6	49.1	39.7	42.3	53.9	46.4	51.5	46.4
2011	14	Ebenezer Rd	35.5	33.8	35.8	32.2	23.9	24.6	22.6	26.0	27.7		32.9	18.3	28.4	25.6
2011	16	Lavington Court	45.2	42.9	48.4	47.7	40.0	36.2	35.1	37.1	35.7	38.4	40.4	33.3	40.0	36.0
2011	17	Underhill St	32.8	40.3	31.9	23.1	23.5	21.5	22.5	24.4	27.3	28.1	35.6	28.6	28.2	25.4
2011	18	Charles Fox	33.9	37.1	34.1	14.6	41.9	23.6	23.4	22.8	23.2	24.3	35.1	23.3	28.1	25.3
2011	19	Mill St	39.8	41.6	43.1	37.7		35.7	28.7	39.0	41.4	37.4	44.4	38.6	38.8	34.9
2011	20	Bryan & Knott Bridgnorth	31.1	32.1	36.2	29.1	24.7	21.7	22.0	23.7	28.1	30.7	37.6	24.5	28.4	25.6

2012 data

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
451	Longden Coleham	30.0	25.8	30.2	16.7	18.6	17.3	12.7	15.9	18.6		50.9	27.1	23.9	23
452	AQM BH	31.8				39.5	38.2	17.2	35.1	41.2	42.7	41.8	32.1	35.4	34
453	Ellesmere Road	28.9	30.9	31.4	22.8	23.9	21.7	12.4	24.2	23.8	30.5			25	24
454	York Road	23.1	22.2	20.8	14.4		9.5	8.6	13.9		20.3	20.8	22.5	17.5	16.8
455	Whitchurch Road	28.7	26.6		20.5	16.3	17.0	14.4	18.7	18.1	23.5	25.6	18.4	20.7	19.8
456	Coton Hill/Berwick Road	45.3	49.7	44.1	40.4	38.9	43.1	34.9	41.8	46.1	51.1	48.6	45.1	44	42.3
457	Ellesmere Road/Berwick Road	39.0	46.2	47.4	39.3	38.9	38.4	28.5	34.7	41.7	39.5	49.7	52.5	41.3	39.6
5	Kidderminster Rd		25.6	38.1	25.2	26.5	22.8	18.7	24.2	28.0	32.4	34.7	31.3	27.9	26.8
7	Admirals Park	23.5	18.9	25.8	15.7	14.6	11.2	9.0	11.4	13.6	17.7	18.9	23.5	16.9	16.2
10	Moat St.-10	30.1	36.2	35.2		43.0	23.3	18.4	22.0	22.9	34.4	38.6	33.4	30.6	29.4
13	Pound St	48.7	59.8	56.3	44.3	47.8	39.0	39.7	40.0	41.4	47.1	38.6	57.8	46.7	44.8
14	Ebenezer Rd	25.3	19.5	27.7	16.2	20.2	16.6	13.7	19.6	18.0	27.1	26.5	26.0	21.3	20.5
16	Lavington Court	41.7	37.5	47.1	35.3	38.2	33.0	26.6	35.3	35.2	37.0	38.1	45.2	37.5	36
17	Underhill St	30.8	26.7	24.4	23.2	23.7	23.4	17.6	23.9	23.0	14.0	29.6	32.9	24.4	23.4
18	Charles Fox	26.7	26.6	35.0	25.4	25.6	22.1	15.5	24.2	25.5	29.3	34.0	33.5	26.9	25.8
19	Mill St	40.4	31.7	46.1	35.9	38.4	32.7	27.2	31.5	33.7	37.7	42.2	41.5	36.5	35.1
20	Bryan & Knott Bridgnorth	33.1	27.0	34.2	23.3	22.2	21.6	19.6	25.4	22.2	18.6	26.8	33.3	25.5	24.5
25	Citizens Advice	31.3	34.6	38.8	24.4	27.0	26.3	18.7	29.3	26.3	35.7	41.3	36.2	30.8	29.5
27	Smithfield	31.8	28.7	38.9		23.6	24.6	19.3	29.0	24.9	37.9	39.5	38.6	30.6	29.4
28	50 Whitburn St	75.6	66.3	75.1	58.9		45.3	35.0	48.1	42.0	63.1	75.5	65.9	59.1	56.8
29	Adj Rutters	36.6	29.5	42.0	31.2	29.7	27.3	18.3	24.3	26.2	34.8	29.5	34.7	30.3	29.1
35	Trevor Phillips	27.2	24.4	32.1	23.4	23.9	21.2	16.9	21.7	22.1	28.7	23.3	28.6	24.4	23.4
37	The Shakespeare Inn	32.1	33.9	40.9	27.8	25.7	20.7	17.5	23.7	23.4	33.4	31.6	35.3	28.8	27.6
39	Bridge 55	28.0	23.1	37.4	25.4	27.4	22.0	18.7	23.2	22.4	29.0	31.2	31.0	26.5	25.5
43	Opposite Endowed School	35.0	27.3	34.6	27.8	29.0	24.1	25.9	30.0	30.6	32.6	38.3	35.3	30.8	29.6
47	Gaskell Corner M/W	28.9	22.2	42.3	26.1	25.2	22.5	17.5	22.8	26.7	29.6	31.8		26.8	25.7
50	30A Salop St	40.5	36.0	49.2	37.9	34.2	34.0	30.4	34.3	34.5	42.5	39.4	43.5	38	36.5
54	Analyser	38.8	40.6	45.2	39.3		43.9	35.5	41.6	39.5	44.2	51.6	41.8	42	40.3
55	Analyser	50.8	40.6	50.1	37.3		34.5	35.6	37.9	40.0	41.2	54.9	40.1	42	40.3
56	Analyser	36.4	46.0	53.2	39.8		38.3	36.6	37.7	41.5	49.6	47.1	46.0	42.9	41.2
57	Junction-Kingsloade	27.0	22.1	27.5	21.0	20.6	15.6	11.7	15.6	20.9	23.1	24.1	28.2	21.4	20.5
58	8 Underhill St	39.3	47.2	50.4	35.2	37.1	37.0	28.7	40.3	40.0	46.3	35.8	41.8	39.9	38.3
59	2A Underhill	39.1	32.0	36.1	29.4	27.4	32.3	23.5	33.3	27.9	39.1	39.1	33.7	32.7	31.4
60	15 Bridge St	39.4	33.5	41.0	33.0	34.0	11.2							32	30.7
61	2 Bridge St	43.0	36.6	45.9	38.7	44.3	32.1	29.1	33.2	37.1	42.1	44.2	43.1	39.1	37.5
62	2 Mill St	46.8	38.9	55.1	46.8	45.8	36.2	28.6	37.4	39.3	49.4	49.1	47.7	43.4	41.6
63	Post Office - St Johns	37.6	36.8	42.4	36.3	32.0	31.5	26.7	33.3	33.9	34.1	38.0	38.8	35.1	33.7
64	Cartway, Low Town	21.7	18.1	19.8	12.8	12.5	11.2	8.0		13.5	19.0	21.7	22.5	16.4	15.7
65	Mill Street, Low Town	39.6	42.8	46.2	39.8	41.3	35.0		64.4	39.1	35.1	33.7	47.3	42.1	40.5
66	Mill Street, Low Town	32.5	29.9	38.9	31.1	33.2	31.7	23.7	32.0	33.8	35.2	45.6	30.8	33.2	31.8

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
67	Hospital Street, Low Town	38.9	43.9	45.9	41.0	47.4	29.4	24.7	31.2	35.7	43.9	43.9	36.9	38.5	37
68	Oaklands	13.1	15.3	18.9	10.9	11.1	8.0	6.9	8.3	10.0	17.4	16.5	15.2	12.6	12.1
69	Stourbridge Road	17.1	23.1	30.4	16.0	17.7	16.8	12.8	17.1	18.5	25.8	30.1	26.3	20.9	20.1
70	Stourbridge Road	30.7	28.9	34.4	26.0	23.4	21.8	18.4		39.9	27.9	29.2	27.3	27.9	26.8
104	Old Street	40.7	38.9	50.0	28.5	29.9	31.6	17.7	36.0	27.9	35.1	37.7	38.7	34.3	33
117	Corve Street Coral	44.0	48.9	57.4	46.6	39.3	32.1	27.4	31.4	39.7	43.8	44.6	45.6	41.7	40
126	BC Whsipers	21.0	20.2	11.6	16.9		11.6	11.4	11.4	11.8	18.2	16.5	17.0	15.2	14.6
127	BC Old Brick Cottage		18.4	18.8	15.2	15.0	10.8	10.9	10.9	13.1	16.6	18.2	18.5	15.1	14.5
128	Cleobury	43.3	45.1	45.4	37.3	36.4	35.7	13.4	35.9	32.0	41.8	38.0	37.7	36.8	35.3
130	Corve Street Coral	40.0	44.0	51.3	38.7	44.8	31.6	29.1	37.9	31.8	43.5	42.1	42.3	39.7	38.1
131	Corve Street Coral	43.0	43.5	54.1	45.0	41.5	38.9	28.9	36.6	31.9	44.3	35.6	38.8	40.1	38.5
133	BC - Brick Meadow	12.5	12.3	13.3	8.4	8.7		6.1	8.4	7.8	12.4	13.2	12.2	10.4	10
134	BC - Grange Road	8.5	7.3	6.9	4.7	6.6	3.5	2.4	3.0	3.6	7.7	6.8	7.6	5.7	5.4
136	BC - Rees Piece	6.2	5.8	7.4	3.1	5.3	3.5	2.8	3.6	3.2	6.4	6.1	6.3	4.9	4.7
137	BC - Oak Meadow	10.4	9.2	10.3	5.7	7.3	4.6	3.1	4.3			9.2		7.1	6.8
138	CM - Lower Street	28.7	28.5	35.5	21.9	20.9	22.6	16.5	20.8	22.4	30.2	25.0	26.7	24.9	23.9
139	CM - Post Office	42.5	41.2	42.1	30.1	32.6	32.1	23.6	34.9	32.3	39.1	36.6	38.0	35.4	34
140	CM - Bus Shelter	30.4	33.8	36.8	32.8	32.7	19.5	18.5	19.6	24.0	30.3	28.5	28.6	27.9	26.8
141	CM - Opp Osborne Cott	19.4	32.3	32.1	22.8	21.2	22.4	17.4	25.6	23.3	29.0	23.0	28.3	24.7	23.7
202	Whitchurch		59.2	31.1	27.7	22.1	24.0	14.4			30.5	21.4	34.9	29.4	28.2
203	Prees Heath	39.9	43.6			30.8	38.3	24.9					10.9	31.3	30.1
204	Tern Hill	51.2	50.6	51.7	31.4	27.2	40.3	34.3			37.8	37.6	46.3	40.8	39.2
205	Market Drayton		43.9	27.4	23.8	20.3	20.9	15.3					27.4	25.5	24.5
207	Shropshire St MD	55.6		33.1	28.8	27.6		21.4			23.4	23.9	31.4	30.6	29.4
211	Tilstock Roundabout	34.6	33.6	27.8	40.0	35.7	36.0	25.5			29.4		32.5	32.7	31.4
212	Tern Hill Roundabout	40.1	25.0	45.2	44.0	40.3	46.1	29.9			41.0	50.6	37.0	39.9	38.3
213	Tern Hill Farmhouse	52.8	52.7	56.3	35.2	30.1	39.9	35.2		30.1	51.3		45.5	42.8	41.1
214	Tern Hill Roundabout	39.5	44.6	43.7	41.3	33.4	38.2	32.2			33.2	50.1	39.2	39.5	37.9
215	Tern Hill Roundabout	45.6	46.6	46.4	38.2	38.2	37.6	29.4			35.7	33.5	41.2	39.2	37.6
216	Wem High Street	37.6	41.2	40.9	33.3	36.0	29.9	23.1	30.2	26.3	37.1	32.4	32.7	33.4	32
217	Mill Street, Wem	49.0	48.6	49.6	42.2	39.7	29.2	22.5	34.6	41.4	45.2	40.2	39.4	40.1	38.5
218	Mill Street, Wem	42.3	40.4	42.9	30.2	31.9	27.1	37.1	26.8	30.9	32.2	37.0	31.6	34.1	32.8
219	Aston Street, Wem	28.8	26.8	27.4	23.8		15.8	11.8	15.3	18.9	20.8	21.6	24.0	21.3	20.5
220	High Street, Wem	40.2	37.9	39.6	33.2	32.8	24.1	23.2	25.5	28.6	30.8	32.1	23.3	30.9	29.6
221	Soulton Road, Wem	32.0	24.4	29.4	14.6	13.3	16.4	13.8	16.5	18.6	21.6	23.3	24.9	20.7	19.8
301	Willowgate	24.3	33.8	38.5	20.7	26.2	27.9	27.6	25.8	23.0	16.6	28.9	31.9	27.1	26
305	74 Castle Street	17.6	36.3	35.6	31.1	31.5	29.2	15.5	26.5	28.3	33.9	38.5	36.2	29.9	28.7
306	A483 (1)	24.5	38.0	41.9	37.0	30.5	30.3		27.8	33.2	40.2	33.1	36.1	33.8	32.5
307	A483 (2)	37.3	40.0	42.1	32.9	30.1	38.0	23.1	32.2	33.2	38.3	39.0	37.8	35.3	33.8
308	A483 (3)	36.2	36.2	42.5	31.4	35.2	32.0	20.2		36.8	36.8	29.6	33.1	33.6	32.2
309	Pant (1) AQMS	30.9	33.8				20.8							28.4	27.3
312	Pant Village Hall		34.9						29.0	24.4	24.4	37.8	32.9	30.5	29.3

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
400	A49 Bayston Hill, Opposite Three Fishes	39.3			17.8	23.7	25.3	26.1	23.8	28.5		74.5	43.3	33.5	32.2
401	Mytton Oak Road, between 2 entrances to hospital	26.2	26.7	31.3		16.0	18.9	14.4	17.5	16.1	22.6	24.6	25.7	21.8	20.9
403	Smithfield Road, on corner of Victoria Avenue	37.1	39.0	41.6	32.2	32.3	34.0	30.3	34.9	32.9	41.8	29.1	42.1	35.6	34.1
404	Town Walls, opposite Murivance	22.5	20.7	24.8	19.0	18.2	15.6	12.8	16.2	16.5	22.0	25.7	19.9	19.4	18.7
405	Shillington Drive, Corner with Battlefield Road	26.7	29.4	28.4	21.2	13.1	11.5	12.3	15.8	19.7	20.2	24.5	26.9	20.7	19.9
406	Ditherington Road, Mount Pleasant Road by Doctors	30.2	33.8	34.2	25.0		24.3	18.1	26.6	30.3	34.4	35.6	36.7	29.9	28.7
407	Dogpole (Car Entrance)	38.0	34.7	36.9	29.7	29.1	26.5	22.3	28.3	26.5	30.6	36.1	38.1	31.3	30.1
411	Dorrington, outside Horseshoes Inn		34.9	35.3		26.6	27.1	28.9	30.3	34.0	31.8	31.5	32.8	31.3	30
412	Whitchurch Road, adjacent to traffic lights by Morrisons	40.9	42.8	49.5	33.4	24.3	27.7	27.7	32.0	30.2	36.0	32.1	38.0	34.5	33.1
413	Ravens Meadow, outside 23 Meadow Place	38.6	35.5	42.0	35.7	31.0	31.7	21.3	32.9	31.7	38.4	34.5	39.4	34.3	32.9
135	BC - Barclays Bank	16.9	17.4	19.4	13.7	14.3	10.9	8.2		10.0		15.4	17.5	14.3	13.7
415	English Bridge, town side of bridge, opposite bus stop LHS	37.3	36.0	33.6	31.5	30.5	22.9	20.6	26.2	28.7	31.6	28.3		29.7	28.5
417	Meole brace between Bayleys and retail park	31.3	31.5	38.4	80.7	30.3	26.7	21.0	33.1	21.8	29.3	35.1	29.2	34	32.6
419	51 Abbey Foregate next to house number 51	27.6	32.6	32.5	28.9	27.1	26.3	16.9	23.7	23.5	31.4	31.3	30.1	27.6	26.5
420	Outside 25 Castle Street	37.5	33.3	38.6	33.2	31.5	29.6	23.4	32.2	33.4	34.5	32.8	39.9	33.3	31.9
423	Duplicate of Samaritans	29.1	34.0	33.7	27.1	25.7	21.6	20.2	24.1	25.1	24.9	30.2	34.9	27.5	26.4
427	82/83 Frankwell (Facade)	31.0	32.0	29.6	27.7	23.1	21.9	14.9	24.8	24.1	30.0		62.4	29.2	28
428	Brittania Inn, Castle Foregate	37.7	36.2	38.8	30.3	36.2		22.2	38.6	31.2	36.5	48.4	37.7	35.7	34.3
429	6a Severn Steps (ad) Lamp Post	33.3	40.0	46.4	27.9	26.1	29.7	20.9	29.2	26.6	38.7	42.5	40.3	33.4	32.1
431	Abbey Foregate/Monkmoor Road	35.0	18.6	34.5	31.0	29.6	26.6	18.0	24.3	27.5	31.5	35.6	34.9	28.9	27.7
433	Heathgates Public House (front facard)	36.5	32.8	35.2	22.7	28.9	24.4	20.5	24.2	25.5	27.8	29.0	32.0	28.2	27.1
436	The Albert Smithfield Road	38.0	36.0	44.8	38.8	37.1	38.0	24.6	34.6	40.7	41.1	45.5	42.6	38.4	36.9
437	The Albert Duplicate	44.4	43.6	43.8	37.1	42.0	42.8	28.4	38.2	42.7	44.4	45.0	45.3	41.4	39.8
438	Station Hotel 4 Castle Foregate (facard)	71.9	82.7	60.3	79.8	78.1	90.5	67.3	73.6	82.9	73.9	80.7	87.5	77.4	74.3
439	135 Harlescott Lane	22.2	17.9	25.6	13.1	15.6	11.1	8.5	10.5	9.9	17.8	19.1	17.3	15.7	15
443	36 London Road, Lamp Post	33.2	35.3	34.6	24.5	21.7	19.6	14.9	19.6	23.0	25.8	34.9	33.7	26.7	25.6
444	New AQMS 1A Chester Street	40.6	34.8	39.5	32.0	29.4	35.1	27.0	29.2	30.8	43.1	42.6	43.9	35.6	34.2
445	New AQMS 1A Chester Street	37.7	30.2	39.6	31.7	34.5	35.3	20.9	28.6	28.5	37.5	43.3	39.1	33.8	32.5
446	New AQMS 1A Chester Street	34.5	40.9		62.0	37.1	32.3	24.7	30.8	28.6	16.5	32.2	38.9	34.4	33
447	Shrewsbury Station Platform 4/5	38.9	41.6	40.9	41.7	43.3	41.7	30.9	36.1	37.8	35.1	32.2	37.9	38.1	36.6
448	Welshpool Road	18.3		15.7	7.6	9.2	8.4	6.4	8.3	7.8	7.4	14.3	16.7	10.9	10.4
449	Darwens Wood	23.9	28.4	32.1	21.5	21.6	21.0	15.0	21.0	19.8	25.6	23.9	27.8	23.4	22.5
450	Longden Coleham junction	27.6	29.6	30.1	22.3	22.4	20.2	14.3	21.0		26.3	26.2	27.8	24.3	23.3
208	High St. Wch	23.7	25.8	23.1	19.2	18.2	15.5	12.2			20.1	26.6	20.4	20.4	19.6

2013 data

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
462	Welshpool Road (Gains Park Junction)						16.7	20.6		41.3	21.7	29.9	24.9	25.9	24.6
463	Oteley Road by Stadium						18.8	18.0	18.2		18.6	29.9	20.8	20.6	19.6
464	Oteley Road by cycle path						16.5	17.1	18.2	19.7	24.8	26.1	20.8	20.4	19.4
313	Pant Village Hall Duplicate						16.8	24.2	24.3	31.9	29.6	32.8	31.7	27.3	25.9
128	Cleobury	38.1	47.4	56.3	43.2	30.5	34.9	39.8	31.5	21.5	42.0		35.0	38.1	36.2
130	Corve Street Coral	57.9	39.3		39.0	28.6	36.1	35.1	30.8	36.6	37.8	44.2	37.3	38.4	36.5
131	Corve Street Coral	41.1	45.8		40.8	28.2	35.0	33.4	25.6	31.1	35.0	43.0	39.0	36.1	34.3
133	BC - Brick Meadow	17.0	15.1	16.8	10.5	7.2	9.3	9.2	7.3	7.6	9.9	12.9	10.7	11.1	10.5
134	BC - Grange Road	12.0	9.9	12.8	7.2	4.0	5.2	3.8	3.0	3.5	6.3	6.5	5.3	6.6	6.3
136	BC - Rees Piece	12.8	8.0	13.1	6.1	2.9	4.7	4.3		5.8	6.1	4.4	5.2	6.6	6.3
137	BC - Oak Meadow	18.1	11.9	18.7	9.4	4.6				5.4	8.9	6.8	7.8	10.1	9.6
138	CM - Lower Street	31.3	29.0	32.5	24.0	20.9	20.4		21.3	21.9	26.9	31.3	32.3	26.5	25.1
139	CM - Post Office	44.8	41.3		32.8	25.7	27.3	31.5	32.1	33.1	34.9	39.3	34.3	34.2	32.5
140	CM - Bus Shelter	35.0	35.0	52.2	26.5	24.3	27.9	27.3	23.4	28.5	27.6	33.6	23.4	30.3	28.8
141	CM - Opp Osborne Cott	33.6	28.9	34.1	21.5	21.1	21.5	24.1	22.6		25.7	27.4	28.7	26.2	24.9
202	Whitchurch	38.2	30.9	29.7		20.5	25.5	23.9	24.1	26.7	24.2	31.5	22.2	27.0	25.6
203	Prees Heath	54.9	36.6		31.9		27.1	35.3	31.2	28.2	29.8			34.3	32.6
204	Tern Hill	45.7	42.6	43.1	38.9	35.7	45.7	42.6	41.3	41.2	44.2	47.0	43.0	42.5	40.4
205	Market Drayton	30.0	28.1	31.5	22.1	18.6	20.2	21.2	17.0	27.4	23.0	27.8	20.3	23.9	22.7
207	Shropshire St MD	35.6	34.2	34.4		23.9	21.3		22.9	20.3	29.7	35.9	29.9	28.7	27.3
211	Tilstock Roundabout	38.3	39.8	43.3	30.6	31.9	37.6	40.6	34.7	37.4	26.3	37.8	20.1	34.8	33.1
212	Tern Hill Roundabout	52.9	45.0	40.5	32.2	34.0	40.0	34.7	37.6	39.7	31.7	43.8	29.4	38.4	36.5
213	Tern Hill Farmhouse [R]	50.5	42.2	46.4	35.8	35.0								41.9	39.8
214	Tern Hill Roundabout [R]	37.6	40.0	46.8	35.8	35.5								39.1	37.1
215	Tern Hill Roundabout [R]	36.6	43.1	41.9	32.9	38.5								38.5	36.6
216	Wem High Street	39.8	33.6	37.4	29.0	31.9	31.6	33.1	27.6	31.8	27.2	48.2	26.6	33.1	31.4
217	Mill Street, Wem	48.9	44.7	44.6	30.9	39.8	32.2	37.3	37.9	43.2	39.8	52.3	34.1	40.4	38.4
218	Mill Street, Wem	40.8	33.4	36.5	28.7	28.2	27.5	26.4	26.6	32.3	29.2	42.5	24.2	31.3	29.7
219	Aston Street, Wem	26.9	25.2	29.2	19.6	17.3	19.1	18.9	16.6	19.4	18.7	28.3		21.7	20.6
220	High Street, Wem	34.3	37.0	40.5	30.2	26.7	29.6	28.5	25.7	33.0	28.5	38.2	26.7	31.5	29.9
301	Willowgate	40.9	38.3	34.2		20.8	30.0	26.9	21.1	32.2	41.2	30.0	32.2	31.6	30.0
305	74 Castle Street	36.9	32.1		29.5	24.8	23.6	28.9	25.4	23.8	32.1		29.1	28.6	24.7
306	A483 (1)	39.7	35.9	37.9	32.2	29.6	31.5	36.9	31.9	36.3	35.7	44.4	30.0	35.1	33.4
307	A483 (2)	43.0	40.0	41.2	28.7	30.4	34.6	32.5	31.6	37.1	40.4	38.2	28.8	35.5	33.7
308	A483 (3)	50.4	39.5	41.5	33.3	35.1	41.1	35.5	31.1	34.8	37.9	46.1	39.0	38.7	36.8
312	Pant Village Hall		32.3	34.8	27.2	26.8	27.2	30.4	20.8	24.9	36.4	40.1	25.5	29.6	28.1
400	A49 Bayston Hill, Opposite Three Fishes	36.3	28.9	35.6	39.6	29.4	43.4	26.7	37.9	31.9	37.7	45.5	6.0	33.2	33.3
401	Mytton Oak Road, between 2 entrances to hospital	34.0	27.4	35.8	22.6	17.4	21.3	19.6	14.7	19.7	22.7	30.5	23.2	24.0	22.8
403	Smithfield Road, on corner of Victoria Avenue	41.2	32.8	45.7	33.6	30.6	31.2	35.0	32.1	32.7	37.0	38.8	37.9	35.7	33.9

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
404	Town Walls, opposite Murivance	32.0	28.0	32.7	22.3	14.3	19.2				21.8	24.2	19.3	23.7	22.5
405	Shillington Drive, Corner with Battlefield Road	30.3	23.9	27.4	16.6	17.0	18.0	17.1	17.0	19.9		29.9	23.5	21.8	20.7
406	Ditherington Road, Mount Pleasant Road by Doctors	46.5	37.3	40.5	31.6	25.5	26.7	27.0	27.8	27.3	31.4	42.9	32.3	33.0	31.4
407	Dogpole (Car Entrance)	40.2	36.3	48.5	35.8	24.9	18.0	29.8	24.0	29.8	31.6	34.2	30.5	31.9	30.3
411	Dorrington, outside Horseshoes Inn	32.3	30.4	33.4	25.7	30.4	30.8	30.9	30.2	34.5	32.4	42.0	31.1	32.0	30.4
412	Whitchurch Road, adjacent to traffic lights by Morrisons	46.6	37.2	43.3	29.4	30.3	30.5	35.6	31.3	33.6	32.8	45.9	35.0	35.9	34.1
413	Ravens Meadow, outside 23 Meadow Place	39.9	39.0	45.4	40.2	28.6	38.6	31.1	29.8	32.9	41.5	40.6	35.9	36.9	35.1
135	BC - Barclays Bank	23.2	18.9	25.9	15.9	11.2	14.6	13.4	10.2	10.5	15.0	16.2	14.6	15.7	15.0
415	English Bridge	43.0	38.1	50.9	38.0	25.9	31.9	28.4	24.4	27.6	33.0	33.6	26.9	33.4	31.7
417	Meole brace btw Bayleys and retail park	35.0	38.2	39.9	30.3	20.2	30.0	28.3	25.6	22.9	33.4	33.2	10.7	28.9	27.5
419	51 Abbey Foregate	41.5	36.3	44.9	37.2	25.6	29.0	27.2	24.4	29.7	30.6	41.4	30.4	33.1	31.5
420	Outside 25 Castle Street	42.5	36.5	40.1	36.6	33.4	31.1	34.0	29.8	31.2		39.7	37.8	35.6	33.9
423	Duplicate of Samaritans	37.8	33.6	35.1	27.7	26.8	27.0	23.3	25.7	27.5	33.1	35.7	33.9	30.5	29.0
427	82/83 Frankwell (Facade)	39.5	32.7	39.6	27.0		28.3	28.5	26.9	29.0	30.7	37.1	28.8	31.6	27.9
428	Brittania Inn Castle Foregate	50.5	42.5	47.0	40.3	28.1	31.3	31.9	36.8	31.5	39.7	44.0	37.0	38.3	36.4
429	6a Severn Steps Lamp Post	42.6		45.7	34.5	24.2	24.0	29.5	20.1	8.5	36.1	37.7	36.9	30.8	29.6
433	Heathgates Public House (front facard)			36.2	28.4	10.4	26.0	26.8	24.7	27.2	28.6	38.1	28.4	27.4	26.1
436	The Albert Smithfield Road	47.0	45.8	54.6	39.5	34.4	36.7	20.3	41.7	38.2	43.9	53.5	39.6	41.2	39.1
437	The Albert Duplicate	60.9	46.3	58.2	44.2	38.9	40.7	45.3	32.2	36.5	45.0	54.5	36.9	44.9	42.7
438	Station Hotel 4 Castle Foregate (facard)	73.8	90.9	54.6	51.0	59.7	55.4	82.3	68.3	73.9	63.0	84.4	59.0	68.0	64.6
439	135 Harlescott Lane	24.8	20.4	26.7	17.8	9.5	13.9	10.3	9.4	11.3	14.6	15.9	13.0	15.6	14.8
443	36 London Road, Lamp Post	36.5	32.0	33.7	21.7	21.3	21.5	21.8	21.6	25.7	27.8	38.7	29.2	27.6	26.2
444	New AQMS 1A Chester Street			48.9	42.8	33.0	33.0	31.2	32.1	34.1	36.6	45.0	35.3	37.2	35.3
445	New AQMS 1A Chester Street			41.8	37.8	29.8	24.9	31.9	31.2	33.6	37.2	33.6	34.9	33.6	31.9
446	New AQMS 1A Chester Street			43.2	37.2	29.5	33.9	30.8	0.0	74.7	39.0	42.6	31.0	36.1	34.3
447	Shrewsbury Station Platform 4/5	40.6	42.8	44.0	40.7	39.2	40.7	34.0	35.7	38.4	44.7	42.9	39.1	40.2	38.2
448	Welshpool Road	22.3	16.1	9.5		6.3	8.6	7.5	7.3	8.5	12.8	15.2	14.3	11.6	11.0
449	Darwens Wood	38.1	29.8	32.4	23.3	17.5	24.9	21.9	17.3	18.6	23.5	20.8	20.3	24.0	22.8
450	Longden Coleham junction	29.9	29.0	34.1	22.6	23.1	20.0	21.6	20.7	24.7	25.1	34.3	22.9	25.6	24.3
208	High St. Wch	29.7	23.5	27.6	16.4	13.6	14.9	15.1	12.5	0.2	29.9	23.3	18.1	18.7	17.7
451	Longden Coleham	39.7	30.7	33.0	25.4	16.2	19.8	20.8	18.1	17.9	25.0	24.9	22.8	24.5	23.3
452	AQM BH	36.8	43.3	49.8	26.1	35.7	28.2	44.8	30.1	41.3	27.9	40.1	31.1	36.2	34.4
453	Ellesmere Road				26.9		24.1		19.6	22.3	26.5	32.6	24.8	25.2	23.9
454	York Road	29.1	24.0				14.4	13.3	12.5	14.1	20.2	22.0	16.8	18.4	17.5
455	Whitchurch Road	33.5	28.1	34.8	21.4	16.7	19.2	21.6	19.8	20.1	23.9	26.9	24.2	24.1	22.9
456	Coton Hill/Berwick Road	57.0	45.1	46.2	36.8	40.2	44.3	38.1	37.5	42.5	42.3	43.7	47.1	43.4	41.2
457	Ellesmere Road/Berwick Road	45.8	41.9	45.0	33.7	41.7	39.0	42.2	43.6	44.7	44.7	56.8	44.5	43.6	41.4
458	Railway Bridge (Castle Foregate)						60.5	75.0	70.3		69.1	70.4	65.6	68.4	65.0
459	Railway Station Car Park (Castle Foregate)								38.0	35.4	40.0	51.0	35.0	39.8	37.8
460	Bellstone						26.7	18.5	28.3	31.4	28.6	40.3	29.5	29.0	27.5

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
461	High Street / Wyle Cop						39.2	39.1	31.9	36.9	38.8	44.3	30.9	37.3	35.4
5	Kidderminster Rd		39.0	40.0	2.6	28.6	29.5	28.9	29.9	32.3	32.0	34.0	30.3	29.5	30.7
7	Admirals Park	28.8	20.1	27.1	15.3	11.5	14.8	11.5	12.0	14.1	17.5			17.2	16.3
10	Moat St.-10	39.7	32.6	34.2	26.1	24.0	26.2	26.2	22.9	24.7	28.9	34.8	31.3	29.2	27.8
13	Pound St	49.5	57.5	48.0	38.7	43.0	39.2	43.6	40.1	49.5	36.1	52.6	40.1	44.8	42.5
14	Ebenezer Rd	32.2	30.4	33.1	23.4	16.7	20.3	19.7	16.4	18.8	22.5	26.8	25.5	23.8	22.6
16	Lavington Court	40.8	45.3	43.5	37.1	36.5	35.3	35.7	36.0	39.0	36.5	42.3	38.7	38.8	36.9
17	Underhill St	30.1	30.8	30.0	27.1	23.0	26.7	23.0	21.4	22.9	27.6	30.6	30.4	26.9	25.6
18	Charles Fox	30.7	30.5	37.5	28.8	23.0	26.7	28.1	23.7	24.0	28.7	31.4	25.3	28.1	26.7
19	Mill St	46.4	41.7	42.4	36.5	31.6	33.0	31.3	31.2	37.5	35.4	43.3	37.5	37.3	35.4
20	Bryan & Knott Bridgnorth	35.5	30.7	32.2	24.2	20.0	22.3	22.6	21.6	23.9	28.5	33.7	35.1	27.5	26.1
25	Citizens Advice	36.6	38.1	34.2	32.9	21.7	28.8	29.2	27.1	29.4	31.6	35.9	32.6	31.4	29.9
27	Smithfield	37.5	33.5	44.8	29.9	23.8	27.8	26.7	26.4	26.5	29.0	44.0	34.8	32.0	30.4
28	50 Whitburn St	79.9	74.5		46.8	61.8	51.8	59.8	47.7	48.2	60.0	69.1	64.0	60.3	57.2
29	Adj Rutters	25.2	38.8	42.2	33.2	4.4	29.4	33.1	26.9	32.2	36.3	41.0	30.0	31.0	29.4
43	Opposite Endowed School	31.9	36.3	35.3	27.4	31.5	30.5	28.7	26.1	28.8	30.2	40.4	33.1	31.6	30.0
47	Gaskell Corner M/W	30.4	34.1	37.5	27.9	26.5	28.4	28.7	26.3	23.1	29.1	32.3	23.9	29.0	27.5
50	30A Salop St	39.1	46.7	45.1	27.6	32.2	34.1	35.8	33.0		36.9	43.1	37.7	37.3	35.5
54	Analyser	38.7	42.6	39.7	35.0	32.7	39.6	37.9	37.9	39.8	41.9	38.9	37.2	38.4	36.5
55	Analyser	46.0	44.3	41.1	33.0	38.7	39.3	37.9	40.1	44.8	42.6	46.0	46.5	41.6	39.5
56	Analyser	43.7	39.9	39.9	31.9	38.3	40.1	22.3	37.4	41.3	40.8	43.8	38.5	38.1	36.2
57	Junction-Kingsloade	26.9	23.9	28.2	18.3	21.1	21.7	17.2	20.4	21.9	22.3	26.9	21.9	22.5	21.4
58	8 Underhill St	53.7	35.1	46.9	37.0	34.6	37.7	41.7	39.2	43.4	43.9	54.5	45.1	42.7	40.5
59	2A Underhill	43.7	44.7	32.9	25.3	25.2	26.0	26.6	31.9	34.1	36.8	44.9	39.7	34.3	32.6
61	2 Bridge St	43.9	39.8	45.9	39.6	33.1	35.0	36.5	36.1	38.1	37.5	41.1	35.2	38.4	36.5
62	2 Mill St	56.7	53.5	53.8	42.9	39.2	45.4	41.7	37.9	40.4	40.7	54.4	42.1	45.7	43.4
63	Post Office - St Johns	40.0	38.5	35.3	27.8	31.1	29.3	33.2	34.8	35.3	38.7	44.5	42.6	35.9	34.1
64	Cartway, Low Town	22.5	19.6	22.5	14.3	11.1	12.7	11.5	10.6	12.1	15.3	19.7	16.9	15.7	14.9
65	Mill Street, Low Town	50.4	45.2	45.1	34.7	40.4	36.0	30.5	38.5	38.7	40.2	49.0	40.0	40.7	38.6
66	Mill Street, Low Town	42.6	38.7	39.5	31.9	27.6	32.5	32.5	32.0	33.4	39.5	42.7	39.4	36.0	34.2
67	Hospital Street, Low Town	37.2	50.5	53.6	40.5	40.1	37.2	44.7	35.5	39.3	41.4	54.2	39.5	42.8	40.6
68	Oaklands		39.7	25.3	16.5	11.2	12.7	11.5	8.9	9.7	15.8	17.1	16.6	16.8	14.6
69	Stourbridge Road	31.4	25.8	31.2	23.4	19.0	21.7	20.3	18.5	19.6	23.9	29.7	25.4	24.1	22.9
70	Stourbridge Road	34.3	27.5	31.3	26.0	22.3		25.6	23.7	25.2	27.1	32.3	27.6	27.5	26.1
104	Old Street	46.0	39.3	36.2	31.1		35.3	29.8	28.3	31.2	34.0	43.7	32.8	35.2	33.4
117	Corve Street Coral	47.2	45.3			28.6	35.0	34.1	31.1	33.7	35.7	43.1	38.7	37.2	35.3
126	BC Whsipers	19.7	18.2	20.4	11.8		12.2	11.6	11.1	14.6	15.8	20.6	14.3	15.4	14.7
127	BC Old Brick Cottage	21.4	18.8	22.1	11.4	11.7	13.3	10.8	11.1	13.7	14.2	19.6		15.2	14.5

2014 data

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
5	Kidderminster Rd	30.3	29.0	31.4	29.7	30.9	29.5	29.4	25.3	32.5	32.7	34.1	28.2	30.2	27.5
7	Admirals Park	17.1	15.1	21.8	16.1	13.1	14.5	11.9	11.4	20.2	13.9	31.9	18.4	17.1	15.5
10	Moat St.-10	32.6	33.2	30.3	29.4	26.4	25.1	23.5	21.5	27.3	30.4	36.2	33.3	29.0	26.4
13	Pound St	39.7	44.1	46.5	45.5	37.1	42.4	39.9	47.5	54.3	43.3	54.2	52.6	45.5	41.4
14	Ebenezer Rd	25.6	23.9	27.5	23.9	21.0	21.8	18.1	15.8	23.0	22.3	28.9	22.4	22.8	20.7
16	Lavington Court	32.4	37.5	39.8	34.9	35.7	36.5	34.8	35.3	43.2	41.5	41.6	40.1	37.7	34.3
17	Underhill St	30.9	32.4	30.0	24.9	23.9	17.5	20.6	21.0	19.4	30.0	27.9	29.0	25.6	23.3
18	Charles Fox	31.0	30.4	32.7	30.1	30.9	26.9	25.0	25.1	33.8	30.2	40.3	31.3	30.6	27.8
19	Mill St	32.5	40.0	37.5	37.6	33.8	31.0	33.1	35.2	36.0	36.4	30.5	35.8	34.9	31.7
20	Bryan & Knott Bridgnorth	31.3	30.7	27.9	25.1	23.1	22.0	20.4	18.1	27.0	29.9	37.9	27.5	26.7	24.3
25	Citizens Advice	33.9	31.0	36.2	25.0	29.5	28.8	26.0	25.9	34.4	33.0	43.1	35.9	31.8	29.0
27	Smithfield	36.2	35.9	34.0	29.6	29.2	27.4	23.6	25.0	34.8	31.2	36.8	30.9	31.2	28.4
28	50 Whitburn St	55.1	52.4	55.3	55.6	50.9	58.7	65.6	57.0	67.7	54.5	72.3	65.6	59.2	53.8
29	Adj Rutters	37.1	40.5	40.3	36.7	34.9	33.9	30.0	31.3	40.1	34.2	46.2	30.5	36.2	33.0
43	Opposite Endowed School	35.9		32.7	32.2	28.6	30.2	29.5	22.8	35.4	33.8	28.3	35.4	31.3	28.5
47	Gaskell Corner M/W	22.4	24.5	30.1	28.8	25.3	26.3	26.7						26.2	23.9
50	30A Salop St	36.3		40.9	37.5	36.6	34.8	32.6	32.2	43.6	32.1	38.3	37.6	36.5	33.2
54	Analyser	36.5	36.8	44.0	39.8	40.4	38.1	38.5	39.2	41.9	40.6	40.8	38.4	39.5	36.0
55	Analyser	40.7	48.7	39.3	40.0	40.9	39.2	38.7	41.8	39.1	45.5	41.9	41.9	41.4	37.7
56	Analyser	36.1	35.0	40.9	43.2	41.9	37.3	38.5	37.1	42.0	45.8	39.0	37.3	39.5	35.9
57	Junction-Kingsloade	19.6	20.6	22.9	12.4	19.8	19.3	19.9	18.2	24.9	22.5	19.3	25.4	20.3	18.5
58	8 Underhill St	41.2	44.8	38.2	42.9	40.5	40.8	39.1	37.1	45.2	45.3	45.8	40.5	41.7	38.0
59	2A Underhill	41.8	41.9	37.8	36.9	35.6	27.7	29.2	28.9	34.2	43.2	48.5	40.2	37.1	33.8
61	2 Bridge St	30.5	36.2	36.4	37.0	32.8	34.5	31.7	33.9	40.4	25.5	30.8	35.0	33.7	30.6
62	2 Mill St	40.5	43.0	48.9	46.1	44.4	44.1	41.6	42.1	55.4	41.1	46.0	42.9	44.6	40.6
63	Post Office - St Johns	41.1	41.3	33.4	37.0	38.0	31.5	33.9	33.8	37.0	41.0	20.7	23.6	34.3	31.2
64	Cartway, Low Town	19.0	17.8	17.6	13.6	12.3	11.0	11.2	10.8	15.8	16.6			14.5	13.2
65	Mill Street, Low Town	35.2	39.3	38.5	38.5	37.2	39.8	40.6	40.6	44.0	35.1	44.6	36.3	39.1	35.6
66	Mill Street, Low Town	42.7	41.6	35.9	39.1	33.6	34.4	31.8	30.3	38.7	39.9	41.9	36.0	37.1	33.8
67	Hospital Street, Low Town	38.0	38.0	47.3	45.3	43.4	43.7	38.6	38.4	55.3	40.3	55.4	40.4	43.6	39.7
6	Maypole/Crewes														
69	Stourbridge Road	28.6	27.3	29.0	25.0	22.5	21.7	19.8	20.5	27.9	25.7	29.7	26.1	25.3	23.0
70	Stourbridge Road	29.1	26.9	29.1	27.9	27.7	27.1	23.7	24.0	31.8	27.6	30.6	27.3	27.7	25.2
104	Old Street	22.7	30.5	36.0	33.4		32.2	31.0	28.3	40.0	33.0	46.8	31.3	33.1	30.1
117	Corve Street Coral	34.7	34.3	35.3	37.2		36.3	33.9	28.4		37.3	47.6	34.9	35.9	32.7
126	BC Whsipers	13.7	12.9		0.3	25.8	12.5	12.4	10.7	18.4	15.4	18.3	14.1	14.0	12.7
127	BC Old Brick Cottage	14.0		15.0	13.4	13.2	12.2	11.1	11.3		16.0		35.8	15.7	12.9
128	Cleobury	38.4	35.0	43.5	36.7	37.6	36.5	29.8	36.5	42.6	36.1	34.2	29.6	36.3	33.0
130	Corve Street Coral	26.2	33.4	36.9	39.6	36.6	38.6	34.8	29.1		37.9	39.7	35.8	35.3	32.1
131	Corve Street Coral	31.7	31.1	29.3	38.9	31.0	35.0	39.1	69.2	45.2	35.5	41.5	31.4	38.2	34.7

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
133	BC - Brick Meadow	11.0	8.7	11.8	9.9	8.7	8.4	6.8		12.5	11.9	18.1	9.4	10.6	9.6
134	BC - Grange Road	5.3	4.5	7.7	6.2	4.9	4.2		7.3	6.2	6.3	11.8	5.4	6.3	5.7
135	BC - Barclays Bank		12.7	12.5	13.5	13.4	12.8	10.1	7.9	15.4	14.9	23.5	12.6	13.5	12.3
136	BC - Rees Piece	5.8	4.9	6.2	5.1	4.2	3.7		2.7	5.2	6.7	13.5	3.3	5.5	5.0
137	BC - Oak Meadow	9.4	7.7	10.7	7.2	6.2	5.5	4.8	4.1	7.8	9.9	12.7	5.6	7.6	6.9
138	CM - Lower Street	29.1	31.0	30.8	25.1	25.3	21.6	18.5	22.5	26.2	29.7	32.2	26.9	26.5	24.1
139	CM - Post Office	39.9	36.1	35.7	36.9	36.8	30.5	29.0	33.0	39.4	39.8	36.0	24.1	34.7	31.6
140	CM - Bus Shelter	24.9	20.9	32.5	29.5	26.2	28.2	24.1	29.8	34.2	26.5	38.3	19.6	27.8	25.3
141	CM - Opp Osborne Cott	32.0	27.8	27.7	25.7	24.2	19.8	42.0	60.8	25.4	32.8	23.6	18.0	29.9	27.2
202	Whitchurch	28.0	29.5	28.1	27.8	27.6	25.8	24.2	27.0					27.2	24.7
203	Prees Heath		26.4	33.1	35.2	25.7	34.8	30.2		53.7	33.7	43.5	23.8	34.0	30.9
204	Tern Hill	52.0	46.3	51.7	46.1	45.0	37.8	30.1	43.6	53.4	49.4	46.7	47.4	45.7	41.6
205	Market Drayton	22.1	21.7	25.3	22.5	21.0	21.9	18.8	17.0	27.0	23.4	30.6	21.7	22.7	20.7
207	Shropshire St MD	26.1	29.3	29.1	31.3	28.0	26.2	19.0		30.0	29.8	36.5	31.1	28.7	26.1
208	High St. Wch	17.7	18.3	21.4	18.6	15.5	16.9	14.7	12.2	22.6	17.6		41.9	19.7	17.9
211	Tilstock Roundabout	21.3	18.8	34.3	38.7	37.1	41.7	37.8	41.5	48.1	20.7	43.5	22.1	33.8	30.7
212	Tern Hill Roundabout	31.1		36.3	41.4	41.3	41.7	36.3	38.2	46.4			32.4	38.3	34.8
216	Wem High Street	23.8	28.3	26.2	32.2		32.5	26.4	29.9	34.1	20.9	39.4	31.0	29.5	26.8
217	Mill Street, Wem	32.4	36.0	34.3	39.0	38.0	36.6	29.6	37.2	47.4	40.8	42.4	37.1	37.5	34.1
218	Mill Street, Wem	27.5	28.7	27.8	28.9	29.9	29.3	24.0	28.3	34.6	29.7	31.9	32.3	29.3	26.7
219	Aston Street, Wem		17.7	21.5	11.2	20.2	21.0	17.9	23.1	27.5	23.8	30.5	20.8	21.3	19.4
220	High Street, Wem	23.9	20.3	35.7	33.0	30.0	29.7	27.2	31.3	37.6	27.7	31.8	27.8	29.6	26.9
301	Willowgate	29.5	33.1	31.1	32.1	30.4		23.1	20.6	36.6	0.2	59.1	26.4	29.2	26.6
305	74 Castle Street	29.9	36.7	33.8	35.9	29.1	27.6	26.3	28.4	31.1	30.9	37.2	37.2	31.9	29.1
306	A483 (1)	28.4	32.3	35.3	37.2	38.2	44.0	29.1	33.6	44.9	31.5	48.1	34.9	36.4	33.1
307	A483 (2)	33.0	35.1	35.8	42.0	34.6	40.7	31.5	34.2	46.4	37.2	41.6	35.3	37.2	33.9
308	A483 (3)	32.6	34.5	35.5	40.5	41.4	34.9	31.3	31.4	46.1	36.8	46.0	36.8	37.3	33.9
312	Pant Village Hall	26.9	22.3	29.2	33.9	33.3	30.6	27.6	28.1	32.0	26.0	39.3	30.3	29.9	27.2
400	A49 Bayston Hill, Opposite Three Fishes	28.4	33.4	23.0	40.8	45.2		33.9	38.0	50.6	36.8	44.4	30.4	36.7	33.4
401	Mytton Oak Road, between 2 entrances to hospital	23.2	19.2	25.2	55.6	19.6	21.5	16.4	17.2	29.7	18.1	29.2	21.7	24.7	22.4
403	Smithfield Road, on corner of Victoria Avenue	34.6	38.6	42.8	34.1	32.9	33.0	33.3	30.5	40.6	48.7	39.5	37.0	37.1	33.7
404	Town Walls, opposite Murivance	25.8	18.3	20.8	19.8	18.5	19.3	17.3	11.9	24.2	20.1	26.8	19.5	20.1	18.3
405	Shillington Drive, Corner with Battlefield Road	21.8	24.1	23.6	20.4	17.1	17.9	16.9	18.4	22.5	20.3	31.4	31.1	22.1	20.1
406	Ditherington Road, Mount Pleasant Road by Doctors	30.0	33.3	29.8	28.3	29.2	28.8	21.9	23.6			37.4	34.0	29.6	26.9
407	Dogpole (Car Entrance)	33.2	27.9	38.4	31.8	28.6	30.2	26.0	26.5	33.1	31.8	32.9	30.3	30.8	28.0
411	Dorrington, outside Horseshoes Inn	29.7	29.6	32.9	30.8	37.7	35.0	31.6	32.3	37.9	38.3	37.4	15.6	32.3	29.4
412	Whitchurch Road, adj. to traffic lights by Morrisons	32.8	43.8	34.3	34.0	33.7	31.8	26.7	31.4	40.5	36.7	39.1	37.5	35.1	32.0
413	Ravens Meadow, outside 23 Meadow Place	34.9	42.0	43.9	35.8	34.7	38.7	34.1	35.5	43.9	40.3	37.9	38.5	38.3	34.8
415	English Bridge, town side of bridge, opp. bus stop LHS	25.4	26.6	39.6	32.8	29.5	32.2							31.0	28.2
417	Meole brace between Bayleys and retail park	33.5	30.4	0.3	37.1	32.0	33.6	25.7	18.5	40.8	31.2	38.3	25.6	28.9	26.3
419	51 Abbey Foregate next to house number 51	32.8	31.3	32.6	30.6	27.6	25.2	26.1	25.3	39.6	28.7	32.2	31.3	30.2	27.5
420	Outside 25 Castle Street	35.3	36.6	40.3	34.0	33.5	28.3	26.9	25.9	36.7	36.1			33.3	30.3

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
423	Duplicate of Samaritans	31.4	27.6	31.8	27.6	25.0	25.5	22.8	24.5	35.6	31.1	31.1	27.8	28.4	25.9
427	82/83 Frankwell (Facade)	27.7	29.0	30.7	30.8	30.2	29.4	28.3	24.6	35.3	27.0	34.5	31.4	29.9	27.2
428	Brittaninia Inn, Castle Foregate	44.7	44.8											44.7	40.6
429	6a Severn Steps (ad) Lamp Post	37.6	37.9	36.9	38.2	31.8	27.9	28.5	24.7	35.1	36.7	37.0	42.0	34.5	31.4
433	Heathgates Public House (front facard)	25.7	28.1	21.0	29.1	27.7	26.0	24.7	23.4	31.7	28.7	34.7	29.0	27.4	25.0
436	The Albert Smithfield Road	39.9	41.9	44.0	43.0	39.0	44.9	34.4	35.8	47.3	43.9	50.8	43.2	42.3	38.5
437	The Albert Duplicate	39.2	43.9	46.4	40.8	41.9	36.0	36.8	42.0	44.5	41.0	50.2	44.2	42.2	38.4
438	Station Hotel 4 Castle Foregate (facard)	61.1	66.6	63.3	60.7	49.8	65.8	48.6	57.1		57.8	59.9	58.3	58.9	53.6
439	135 Harlescott Lane	18.5	15.2	19.3	15.3	12.5	12.5		19.7	15.5	14.0	17.5	16.2	16.0	14.5
443	36 London Road, Lamp Post	27.9	32.3	29.4	14.6	24.0	22.5		19.4	28.8			27.5	25.1	22.8
444	New AQMS 1A Chester Street	34.9	34.4	36.9	34.2	33.1	31.4	27.5	28.2	41.4	35.8	40.5	37.7	34.6	31.5
445	New AQMS 1A Chester Street	33.8	32.9	40.6	39.9	34.9	33.3	29.1	30.7	39.5	37.5	39.0	39.7	35.8	32.6
446	New AQMS 1A Chester Street	33.4	36.8	40.6	38.1	36.6	34.0	30.3	28.3	38.6	36.1	38.7	39.0	35.8	32.6
447	Shrewsbury Station Platform 4/5	37.1	42.6			38.7	35.3	32.5	37.0	38.8	40.2	36.0	46.3	38.4	34.9
448	Welshpool Road	14.8	12.2	14.4	12.2	8.0	8.0	6.1	7.2	13.9	13.6	21.1	15.4	12.2	11.1
449	Darwens Wood	21.0	16.3	21.1	26.3	21.2	22.3	17.9	17.6	31.1	18.9	31.3	23.3	22.3	20.3
452	AQM BH	33.6	39.8	25.3	28.8	29.2	25.9	25.6	26.9	38.0	41.0	29.6	45.9	32.4	29.5
453	Ellesmere Road	25.7	22.5	21.6	24.2	19.1	19.3	18.8	18.9	26.1	25.7	25.2	21.6	22.3	20.3
454	York Road	19.5	18.2	21.8	15.9	13.5	13.1	11.7	12.5	20.4	18.3	25.9	21.3	17.6	16.0
455	Whitchurch Road	26.9	27.0	27.3	22.6	21.9	21.5	17.3	15.2	25.0	26.8	31.1	21.1	23.6	21.5
456	Coton Hill/Berwick Road	39.9	39.6	42.3	41.6	43.7	39.1	34.1	36.5	46.7	48.5	40.5	48.1	41.7	37.9
457	Ellesmere Road/Berwick Road	34.6	41.1	38.7	40.0	42.8	40.9	38.3	36.4		41.7	47.5	45.6	40.6	37.0
458	Railway Bridge Castle Foregate	65.8	56.1	73.6	74.8	61.2	63.4		47.7	68.9	62.5	61.4	59.3	63.1	57.4
459	Railway Station Car Park Castle Foregate	37.7	47.0	39.7	14.8	40.4	38.1	31.0	34.6	43.8		41.5	53.7	38.3	34.9
460	Bellstone	27.1	30.8	31.5	30.6	28.6	26.7	24.2	26.5	36.2	31.2	32.5	34.2	29.9	27.2
461	High Street / Wyle Cop	25.6	31.0	38.8	39.8	35.0	38.7	27.4	32.5	37.8	35.4	46.0	37.3	35.4	32.2
462	Welshpool Road (Gains Park Junction)	24.3	21.7	31.4	24.3	20.5	18.2	17.2	20.3	26.7	24.5	34.1	24.7	23.9	21.8
463	Oteley Road (by Stadium)	20.8	20.6	43.5	22.7		18.4	11.4	12.9	21.5	15.8	28.9	22.6	21.7	19.7
464	Oteley Road (by Cycle Path)	24.0	23.1	28.2	25.6	19.4	15.3	15.4	15.2	25.6	20.9	34.4	25.7	22.7	20.6
313	Pant Village Hall (Duplicate)	33.1	34.3	33.1	24.7	27.3	23.5	21.1	21.3	28.8	35.3	29.4	24.2	28.0	25.4
222	Tern Hill Guesthouse	24.9		33.1	34.0		43.5	31.1	30.3	44.2	30.6	44.8	25.8	34.2	31.1
223	Tern Hill Barn	49.9	56.4	65.4	61.1	57.3	61.0	43.6	39.1	70.0	56.4	70.5	42.5	56.0	51.0
224	Tern Hill Willow Barn	19.3	22.8	26.5	25.0	25.5	25.8	21.2	19.2	30.0	23.3	28.9	18.6	23.8	21.6

2015 Data

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
479	Lamp Post bus stop opp Broome place 2			36.21	30.71	26.77	32.68	36.52	37.09	41.22	48.64	36.22	37.34	36.3	32.9
480	Lamp post, Peking Aroma, Castle Foregate			38.92	30.66	29.32	31.4	37.25	31.29	38.02	51.04	38.81	43.51	37	33
481	Entrance to car park Chester Street (lamp post)			29.71	22.75	25.9	25.35	31.94	30.56	30.77	38.71	28.28	34.98	29.8	26.6
142	CM - 52 High Street (gable end down spout)	27.68	25.91	25.41		16.41	18.2	18.11	19.13	21.41		19.88	20.98	21.3	19.4
143	CM - Methodist Church (lamp post)	23.6	22.41	24.96		17.38	15.61	16.91	18.17	21.24	27.02	20.62	17.69	20.5	18.9
5	Kidderminster Rd	35.06	33.02	33.6	29.09	25.9	24.42	28.31	28.75	30.83	39.41	29.75	27.41	30.4	27.9
7	Admirals Park	20.67	15.21	18.51	14.7	10.46	9.75	11.02	12.05	15.85	20.73	16.35	15.97	15.1	13.6
10	Moat St.-10	31.64	28.25	28.68	22.78	20.57	20.36	20.65	24.45	27.11	30.71	28.77	31.71	26.3	23.4
13	Pound St	51.68	49.98	49.07	40.99	45.86	41.63	44.23	41.17	57.65	50.65	34.75	39.87	45.6	41.9
14	Ebenezer Rd	22.71	23.06	25.16	18.17	14.35	13.85	15.57	17.82	21.41	26.25	18.68	23.39	20	17.9
16	Lavington Court	45.56	42.42	45.43	35.04	31.85			34.67			32.32	34.64	37.7	34.7
17	Underhill St	28.93	29.18	27.64	21.25	21.09	20.3	19.37	20.32	23.91		27.16	26.66	24.1	21.7
18	Charles Fox	31.28	33.11	31.68	27.55	21.62	22.91	23.62	27.52	29.39	36.97	30.42	30.42	28.8	26.1
19	Mill St	47.21	39.39	37.08	31.85	30.22	28.94	32.4	31.88	35.35	38.92	37.57	32.77	35.2	32.3
20	Bryan & Knott Bridgnorth	27.94	29.53	21.33	22.4	19.62	18.08	18.6	22.66	23.18	29.36	25.39	29.38	23.9	21.3
25	Citizens Advice	33.58	36.08	32.53	28.31	24.72	25.14	27.4	29.19	28.6	38.32	35.56	27.47	30.5	28
27	Smithfield	30.17	33.24	32.92	27.99	23.64	23.12	24.27	25.32	31.69	36.09	33.05	34.86	29.6	26.5
28	50 Whitburn St	58.1	55.81	57.76	49.14	56.21	43.33	47.64	52.57	66.49	68.47	64.19	60.4	56.6	51.2
29	Adj Rutters	32.43	31.54	32.75	30.47	28.51	26.02	29.9	28.63	36.05	42.44	32.29	31.48	31.8	29
43	Opposite Endowed School	35.81	31.8	33.3	27.05	26.91	26.15	28.8	29.85	30.32	38.82	28.48	32.77	30.8	27.9
47	Gaskell Corner M/W														
50	30A Salop St	35.23	41.46	33.93	30.73	33.99	31.11	29.33	30.15	36.97	39.37	46.74	32.72	35.1	32.1
54	Analyser	45.2	43.1	41.91	36.68	36.74	37.52	37.66	40.01	39.07	44.39	43.58	39.14	40.4	36.8
55	Analyser	53.39	47.37	40.87	15.28	38.22	37.17	41.68	44.09					39.7	36.1
56	Analyser	43.08	42.86	39.86	35.3	42.47	33.18	38.73	44.5					39.9	36.3
57	Junction-Kingsloade	27.97	22.66	26.17	17.95	16.74			18.94	20.64	26.63	21.75	20.98	22	20.1
58	8 Underhill St	49.88	45.73	40.04	35.6	32.52			38.28	39.71	43.62	44.8	38.14	40.8	37.4
59	2A Underhill	41.45	42.89	35.78	31.7	29.69	30.2	33.38	31.03	27.9	36.37	48.22	44.11	36	32.1
61	2 Bridge St	50.72	37.17	42.02	35.24	32.85	26.67	30.05	25.45	32.68	35.35	33.79	26.43	34	31.6
62	2 Mill St	51.78	51.35	43.97	41.03	34.1	40.1	39.48	42.81	43.68	51.51	40.81	33.3	42.8	39.7
63	Post Office - St Johns	40.95	42.04	37.83	31.29	26.16	31.29	33.71	31.73	32.97	36.16	38.31	36.62	34.9	31.6
64	Cartway, Low Town	21.3	19.43	17.29	14.05	10.74	10.11	10.67	10.37	10.95	18.67	17.01	17.34	14.8	13.2
65	Mill Street, Low Town	47.06	45.34	43.3	38.41	33.03	36.92	37.09	37.47	41.97	44.02	33.52	32.02	39.1	36.2
66	Mill Street, Low Town	40.62	39.13	33.26	35.7	29.23	30.92	32.98	37.17	39.48	39.18	39.9	39.44	36.4	32.8
67	Hospital Street, Low Town	43.51	43.04	43.79	40.87	32.26			40.4	45.8	54.75	38.96	33.43	41.6	38.7
69	Stourbridge Road	28.49	27.68	27.55	21.52	18.92	18.56	20.82	21.66	24.42	30.73	25.56	23.57	24.1	21.9
70	Stourbridge Road														
104	Old Street	35.65	35.12	36.22	32.67	25.91	25.14	27.6	32.71	35.43	40.82	25.09	28.36	31.7	29.1
117	Corve Street Coral	38.65	36.75	38.33	37.97	27.75	28.18	29.2	36.11	39.74	46.93	32.01	30.72	35.1	32.3
126	BC Whsipers														

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127	BC Old Brick Cottage	16.56	16.82	21.93	13.95	10.43	10.47	10.85	11.63	14.84	18.85		12.88	14.4	13.3
128	Cleobury	38.94	38.17	39.04	30.37	29.84	29.19	28.18	34.54	36.54	44	33.59		34.7	31.6
130	Corve Street Coral		38.64	40.22	35.78	25.92	27.01	30.55	34.05	36.15	37.74	25.91	29.84	32.8	30.2
131	Corve Street Coral	34.82	37.24	33.68	37.01	24.46	26.22	29.01	35.53	37.95	44.43	31.37	29.26	33.4	30.7
133	BC - Brick Meadow														
134	BC - Grange Road														
135	BC - Barclays Bank	13.71	15.08	19.42	15.4	9.08	8.84	9.33	10.69	12.26	20.25	11.46	12.26	13.1	12
136	BC - Rees Piece														
137	BC - Oak Meadow														
138	CM - Lower Street	35.5	34.08	29.1	23.15	21.52	18.47	20.78	21.92	24.61	27.26	21.96	26.18	25.3	23
139	CM - Post Office	34.24	36.95	29.55	30.74	29.41	28.28	27.5	30.96	33.15	39.04	31.95	32.37	32	29.1
140	CM - Bus Shelter	31.84	30.52	33.71	28.3	21.78	21.3	23.19	23.72	28.71	38.37	20.71	18.37	26.7	24.9
141	CM - Opp Osborne Cott	24.29	27.81	27.27	20.26	19.27	18.6	19.85	19.84	23.88	19.73	24.21	25.38	22.5	20.2
202	Whitchurch														
477	Lamp Post 25 Chester Street			34.5	26.15	28.82	28.86	36.66	38.25	36.59	42.49	34.95	35.64	34.2	31
478	Lamp Post bus stop opp Broome Place 1			30.42	25.55	31.02	27.66	34.46	37.86	36.62	41.99		38	33.7	30.2
203	Prees Heath	30.15	30.48	33.8	37.95	23.68	31.04	31.12	32.52	34.61	46.11	25.37	27.82	32	29.5
204	Tern Hill	38.62	46.96	41.61	45.29	36.58	35.93	45.22	45.6	45.44	49.89	39.99	44.85	42.9	38.9
205	Market Drayton	21.28	21.85	24.23	7.72	16.39	17.19	16.4	18.82	20.36	30.41	22.65	22.44	19.9	17.9
207	Shropshire St MD	30.7		26.4	27.04	23.03	23.91	24.45	25.13	26.67	36.53	23.59	26.11	26.6	24.3
208	High St. Wch	31.47	20.43	21.26	17.87	13.11	11.84	13.05	14.45	18.12	24.91	18.65		18.6	16.9
211	Tilstock Roundabout		26.7	36.2	40.09	33.38	33.89	33.79	35.99	43.34	58.58	21.61	18.96	34.7	33
212	Tern Hill Roundabout	36.27	34.51	43.57	39.61		28.59	39.32	35.98	43.65	42.73			38.2	34.8
216	Wem High Street	31.85	35.74	35.05	31.22	26.66	27.38	29.78	29.01	34.41	44.33	24.34	24.72	31.2	28.9
217	Mill Street, Wem	46.95	46.86	41.14			30.58	37.61	37.24	37.22	43.34	32.89	33.65	38.7	35.7
218	Mill Street, Wem	37.18	37.55	36.93	27.54	25.12	23.92	27.54	29.07	30.79	51.48	28.11	27.09	31.8	29.3
219	Aston Street, Wem	26.93	28.53	24.2	19.83	18.48	18.03	17.6	18.65	21.94	26.35	21.11	17.33	21.5	19.9
220	High Street, Wem	32.12	38.16	33.33	29.8	26.55	24.51	27.28	27.48	29.49	24.74	24.19	21.48	28.2	26.2
301	Willowgate	25.74	39.32	31.1	25.99	22.67	21.8	27.15	25.15	26.95	33.66	25.07	34.46	28.2	25.1
305	74 Castle Street	33.86	30.1	37.59	31.68	22.86	26.49	25.56			37.91	27.2		30.3	27.6
306	A483 (1)	40.3	44.82	38.12	30.04	31.1	28.37	31.67	34.23	35.22	47.45	29.91	35.94	35.5	32.3
307	A483 (2)	26.56	46.23	45.05	37.12	31.08	28.21	29.53	31.27	40.16	50.25	30.53	33.32	35.7	32.7
308	A483 (3)	38.92	43.77	39.71	33.51	30.07	25.59	30.7	40.18	39.42	41.47	27.22	37.01	35.6	32.3
312	Pant Village Hall	27.62	31.23	32.42	26.81	19.93	24.44	28.13		23.23	37.01	28.58	34.43	28.5	25.4
400	A49 Bayston Hill, Opposite Three Fishes	23.05		39.72	30.21	34.83	33.36	23.87	20.14	27.84	28.22	40.71	34.31	30.5	27.4
401	Mytton Oak Road, between 2 entrances to hospital	19.19	30.21	23.3	26.02	17.66	5.98	17.63	15.51	24.56	26.01		21.9	20.7	18.7
403	Smithfield Road, on corner of Victoria Avenue	35.44	37.21	42.45	35.3	31.11	28.49	32.7	31.87	34.96	40.35	33.78	32.45	34.6	31.7
404	Town Walls, opposite Murivance	18.67	21.76	25.24	19.28	13.67	13.22	12.9	15.38	19.11	28.62	16.74	16.29	18.4	16.9
405	Shillington Drive, Corner with Battlefield Road	26.1	25.44	22.93	17.99	15.15	14.99	15.4	14.52	19.49	26.67	21.23	19.69	19.9	18.1
406	Ditherington Road, Mount Pleasant Road by Doctors	31.51	37.55	37.7					25.07					32.9	29.9
407	Dogpole (Car Entrance)	30.6	32.18	37.47	31.89	26.23	25.19	25.53	26.16	33.34	41.79	23.17	27.12	30	27.5
411	Dorrington, outside Horseshoes Inn	29.95	33.25	30.76	25.52	24.29	28.3	31.7	29.74	28.61	34.33	27.63	27.99	29.3	26.8

Ref	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Bias adjusted
412	Whitchurch Road, adjacent to traffic lights by Morrisons	38.48	40.03	36.96	27.33	27.15	27.81	31.95	29.47	34.8	40.13	31.14	32.36	33.1	30.2
413	Ravens Meadow, outside 23 Meadow Place	35.92	35.82	45.11	34.26	33.31	31.8	32.57	33.9	33.68	39.5	29.44	34.31	34.9	31.8
415	English Bridge, town side of bridge, opposite bus stop LHS														
417	Meole brace between Bayleys and retail park	21.31	36.01	28.93	31.72	18.71	19.36	25.88	29.74	29.84	41.79	25.74	31.48	28.3	25.5
419	51 Abbey Foregate next to house number 51	29.68	31.46	39.04	33.06	24.05	25.49	26.08	26.59	34.04	40.41	29.71	28.58	30.6	28
420	Outside 25 Castle Street						27.98	27.3	31.55	32.39	42.05	30.76	27.94	31.4	29.1
423	Duplicate of Samaritans	28.61	30.31	35.02	25.46	22.63	20.4	23.51	24.81	29.78	36.18	29.89		27.8	25.3
427	82/83 Frankwell (Facade)	33.18	34.25	35.92	32.65	24.63	25.05	24.95	26.28	32.36	40.96	29.05	28.28	30.6	28
428	Brittaninia Inn, Castle Foregate		44.68	62.27	41.7	35.79	37.11	41.76	46.7	39.71	49.71	44.16	56.51	45.4	40.3
429	6a Severn Steps (ad) Lamp Post	30.83	35.45	40.02	28.87	25.41	21.52	27.64		28.77	31.51	33.09	34.57	30.6	27.5
433	Heathgates Public House (front facard)	29.72	32.67			22.02	22.38	22.26	24.2	24.58	33.41			26.4	24
436	The Albert Smithfield Road	40.7	43.61	52.78	35.23	28.05	33.36	35.19	39.84	41.29	51.39	36.11	24.54	38.5	36.1
437	The Albert Duplicate	39.33	45.85	47.77	34.55	33.46	35.11	36.79	41.36	42.66	54.05	40.75	39.88	40.9	37.3
438	Station Hotel 4 Castle Foregate (facard)	68.23	61.69	98.18	54.97	48.21	67.82	66.52	60.33	73.17	74.74	61.6	64.44	66.6	60.8
439	135 Harlescott Lane	13.75	15.66	16.75	13.13	9.47	8.92	9.31	9.58	13.93	20.21	13.38	16.59	13.3	11.9
443	36 London Road, Lamp Post	34.11	30.74	29.1	21.98	19.98	19.71	20.97	19.49	25.96	33.07	26	22.74	25.3	23.2
444	New AQMS 1A Chester Street	37.49	32.47	37.47	32.7	27.86	24.48	31.18						31.9	29
445	New AQMS 1A Chester Street	32.12	34.57	40.93	32.72	25.42	27.08	29.48						31.7	28.9
446	New AQMS 1A Chester Street	30.81	34.05	38.53	31.28	26.76	25.64	29.89	31.72	37.21	43.41	34.96	34.93	33.2	30.1
447	Shrewsbury Station Platform 4/5	40.65	34.26	43.92	34.74	36.26	31.37	38.96	41.72	40.75	45.03	40.21	37.55	38.7	35.3
448	Welshpool Road	11.08	16.01	12.24	10.74	6.53	15.96	7.89	8.12	10.9	14.34	12.21	14.92	11.7	10.4
449	Darwens Wood	22	27.56	24.73	26.11	17.92	19.65	19.7	38.55	25.04	31.78	19	19.42	24.2	22.5
452	AQM BH	32.69	36.58	28.19	42.82	23.01	23.61	35.49	25.78	20.86	36.26	24.98	25.3	29.6	27.3
453	Ellesmere Road	22.23	26.09	30.71	19.91	14.27	17.05	17.31	19.31	26.96	32.35	25.32	22.67	22.8	20.8
454	York Road	16.01	21.34	20.31	14.89	11.78	10.62	12.61	13.5	18.23	24.55	17.99	17.34	16.5	15
455	Whitchurch Road	21.62	25.84	24.29	21.24	22.94	15.25	17.04	20.74	21.77	32.31	21.53	23.79	22.3	20.2
456	Coton Hill/Berwick Road	48.22	36.87	53.65	43.43	43.27	36.09	44.15	47.55	56.45	53.05	47.86	37.37	45.6	42.2
457	Ellesmere Road/Berwick Road	44.27	45.2	46.43	34.96	32.09	36.96	39.37	40.89	46.69	48.78	36.11	34.75	40.5	37.3
458	Railway Bridge (Castle Foregate)	45.43	52.05	61.91	54.28	48.21	58.84	62.65	61.67	67.82	70.45	51.24	62.49	58	52.4
459	Railway Station Car Park (Castle Foregate)		38.3	45.32	34.07	33.02	32.03	36.36	40.53	43.77	53.92	37.83	44.06	39.9	35.9
460	Bellstone		29.82	31.18	21.84	22.21	22.96	25.49	28.4	32.53	36.51	27.58	26.8	27.7	25.3
461	High Street / Wyle Cop	29.65	34.72	44.54	43.87	29.24	29.17	32.96	34.66	40.55	46.16	29.76	29.94	35.4	32.7
462	Welshpool Road (Gains Park Junction)	27.87	30.56	23.06	24.38	19.39	17.48	19.45	18.24	20.48	27.73	19.53	19.88	22.3	20.5
463	Oteley Road (by Stadium)	19.75	23.23	20.34	18.1	12.27	13.94	15.15	13.74	17.14	24.04	17.54	16.37	17.6	16.1
464	Oteley Road (by Cycle Path)	19.37	29.95	23.21	21.22	15.17	15.33	17.1	18.2		26.13	22.24	23.14	21	18.9
313	Pant Village Hall (Duplicate)	34.84	37.11	25.69	31.13	24.85	16.59	19.08	23.42	30.41	32.22	19.07	28.22	26.8	24.3
222	Tern Hill Guesthouse	28.5	32.77	31.12	12.61	28.64	31.9	33.95	32.33	35.07	42.88	29.54	22.68	30.1	28
223	Tern Hill Barn	53.98	51.94	49.83	55.08	42.36	45.6	51.95	58.12	67.68	75.57	56.7	56.52	55.4	50.3
224	Tern Hill Willow Barn	22.48	23.2	23.25	28.29	19.61	20.12	22.43	20.48	22.59	32.22	21.84	20.53	23	21.2
466	Electricity pole, Murarrie	42.9	43.79	40.93	38.8	29.79	33.49	31.42	36.6	36.56	44.2	36.43	34.21	37.4	34.3

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465	Lamp post, 10 Sundorne Road	44.67	42.35	42.51	36.26	28.55	34.27	33.47	34.71	33.98	41.32	33.39	29.5	36.2	33.5
467	lamp post, Nabwood House	28.52	31.11	37.11	34.59	22.55	30.82	31.67	35.07	31.36	44.65	30.17	36.1	32.8	29.5
468	downpipe, 3 Whitchurch Road	22.27	29.75	29.87	23.71	17.3	17.66	18.88	22.65	25.07	33.9	25.02	28.3	24.5	22
469	downpipe, 23 Main Street Dorrington	33.12	38.14	38.6	34.2	30.56	29.52	31.13	32.57	34.67	43.6	26.63	21.43	32.8	30.8
470	downpipe 13 Main Street Dorrington	33.9	43.88	51.05	42.31	32.89	34.83	38	41.03	45.78	54.83	30.47	30.02	39.9	37.1
471	Ironwork on side of butchers, Dorrington		37.31	42.24	43.96	26.52	33.2	37.02	40.29	35.93	49.54	29.31	28.95	36.7	34.1
472	Lamp post, Hem Cottage opp AQ station Bayston Hill	39.99	63.51	56.69		33.81	17.9	18.94	46.01	38.61	30.38	21.57	25.6	35.7	33.4
473	Top of signpost, side of Denehurst	28.67	33.99	29.73	27.4	19.93	19.2	23.23	22.95	57.26	51.03	40.34	23.08	31.4	29.2
474	Lamp post, 2 Whiterock Cottages		51.7	28.31	48.75	36.8	38.1	42.96	55.4	26.11	49.15	23.71	50.87	41	36.4
475	Lamp post outside Windyridge	45.42	66.36	49.67	48.28	18.01	46.89	49.56	25.38	51.74	60.31	33.73		45	40.9
476	Parking bay opp Chester Street continuous monitor			31.64	27.24	28.77	26.3	34.06	32.4	33.82	38.53	31.61	33.3	31.7	28.7