

# Health Scrutiny Sub-Committee

Tuesday 21 November 2017

---

A meeting of the above Sub-Committee will be held at the Town Hall, Royal Leamington Spa on Tuesday 21 November 2017 at 6.00pm.

## Membership:

	Councillor Parkins (Chair)
Councillor Mrs Cain	Councillor Mrs Knight
Councillor Mrs Falp	Councillor Mrs Redford

## Co-opted Membership:

Councillor Quinney

## Emergency Procedure

At the commencement of the meeting, the Chairman will announce the emergency procedure for the Town Hall.

## Agenda

### 1. Apologies and Substitutes

- (a) to receive apologies for absence from any Councillor who is unable to attend; and
- (b) to receive the name of any Councillor who is to act as a substitute, notice of which has been given to the Chief Executive, together with the name of the Councillor for whom they are acting.

### 2. Declarations of Interest

Members to declare the existence and nature of interests in items on the agenda in accordance with the adopted Code of Conduct.

Declarations should be entered on the form to be circulated with the attendance sheet and declared during this item. However, the existence and nature of any interest that subsequently becomes apparent during the course of the meeting must be disclosed immediately. If the interest is not registered, Members must notify the Monitoring Officer of the interest within 28 days.

Members are also reminded of the need to declare predetermination on any matter.

If Members are unsure about whether or not they have an interest, or about its nature, they are strongly advised to seek advice from officers prior to the meeting.

3. **Minutes**

To confirm the minutes of the Health Scrutiny Sub-Committee meeting held on 4 July 2017. **(Item 3/Page 1)**

4. **Annual Status Report – Air Quality Management**

To consider a report from Health & Community Protection. **(Item 4/Page 1)**

5. **Health and Wellbeing Annual Update Report**

To consider a report from Health & Community Protection. **(Item 5/Page 1)**

6. **Review of the Work Programme & Forward Plan**

To consider a report from Democratic Services. **(Item 5/Page 1)**

Published on 13 November 2017

General Enquiries: Please contact Warwick District Council, Riverside House, Milverton Hill, Royal Leamington Spa, Warwickshire, CV32 5HZ.

Telephone: 01926 456114

E-Mail: [committee@warwickdc.gov.uk](mailto:committee@warwickdc.gov.uk)

Enquiries about specific reports: Please contact the officers named in the reports.

You can e-mail the members of the this Sub-Committee at

[HealthScrutinySC@warwickdc.gov.uk](mailto:HealthScrutinySC@warwickdc.gov.uk)

Details of all the Council's committees, councillors and agenda papers are available via our website [www.warwickdc.gov.uk/committees](http://www.warwickdc.gov.uk/committees)

**Please note that the majority of the meetings are held on the first floor at the Town Hall. If you feel that this may restrict you attending this meeting, please call (01926) 456114 prior to this meeting, so that we can assist you and make any necessary arrangements to help you attend the meeting.**

**The agenda is also available in large print, on request, prior to the meeting by calling 01926 456114.**

# Health Scrutiny Sub-Committee

Minutes of the meeting held on Tuesday 4 July 2017 at the Town Hall, Royal Leamington Spa at 6.00 pm.

**Present:** Councillors Mrs Cain, Mrs Falp, Mrs Knight, Parkins and Mrs Redford.

**Also Present:** Councillor Quinney.

## 1. **Apologies and Substitutes**

There were no apologies or substitutions.

## 2. **Appointment of Chair**

It was moved by Councillor Mrs Knight, and duly seconded that Councillor Parkins be appointed Chair of Health Scrutiny Sub-Committee.

**Resolved** that Councillor Parkins be elected Chair of Warwick District Council's Health Scrutiny Sub-Committee for the municipal year 2017/18.

## 3. **Declarations of Interest**

There were no declarations of interest.

## 4. **Co-option of councillors onto the Sub-Committee**

It was moved by Councillor Parkins, and duly seconded that Councillor Quinney be co-opted onto the Health Scrutiny Sub-Committee.

**Resolved** that Councillor Quinney be co-opted onto Warwick District Council's Health Scrutiny Sub-Committee for the municipal year 2017/18.

## 5. **Minutes**

The minutes of the meeting held on 17 January 2017 were taken as read and signed by the Chair as a correct record.

## 6. **Health and Wellbeing Update**

The Sub-Committee received a report from Health & Community Protection which outlined the work being undertaken across the Council to improve the health and wellbeing of the communities within Warwick District and to address the health and wellbeing needs of the Council's own staff.

The report gave details of the Council's three priorities in its Health and Wellbeing approach, namely:

- To embed health and wellbeing at a strategic level.
- To promote health and wellbeing to the wider community.
- To address the health and wellbeing of the Council's own staff.

## **HEALTH SCRUTINY SUB-COMMITTEE MINUTES (Continued)**

The report set out how each of these three priorities was being accomplished.

Both the Head of Health & Community Protection and the Community Partnership Team Manager were able to report that progress had been made establishing the South Warwickshire Health and Wellbeing Partnership after some initial reluctance from one of the participants. The partnership was in its formative stages, but terms of reference had been agreed. The Partnership had also drawn up a list of priorities that would be tackled, and these were listed in paragraphs 8.10 and 8.11 in the report. The Partnership would be reporting back into the Warwickshire County Council (WCC) Health and Wellbeing Board. The Head of Health & Community Protection felt it was too early to tell what results would emerge from the work of the Partnership.

Within the District Council, a Health and Wellbeing Officer Group had been established which had representatives from all service areas (10 to 12 officers spread over various departments), in order to reinforce the corporate nature of the Council's approach and ensure that the message of health and wellbeing was delivered. The report detailed the work that would be undertaken by this Group.

In response to questions from Members, the Head of Health & Community Protection and the Community Partnership Team Manager responded that:

- The work detailed in the Action Plan at Appendix 3 in the report related to Council housing, not privately owned housing. Voluntary and Community Services were available for the same sort of help in private sector housing. Residents in private housing did benefit from work being done under the Crime and Disorder Plan, and the example of work being done to reduce abuse was mentioned.
- The Head of Health and Community Protection was unsure if the work being undertaken in respect of the Credit Union would be available to people living in private housing; she would need to ask the Income Recovery and Financial Inclusion Manager. She suggested that the Sub-Committee might consider examining night shelters for the homeless in more detail.
- It was unclear what would happen in respect of night shelters past winter 2017.
- People wishing to use food banks were expected to phone to join the waiting list for assessment. For people who could not access a phone, Citizens' Advice staff were present at food banks and people could go to speak to them. More work was required by officers to look at the mechanisms available to access food banks and what the Council could do.
- The Council worked closely with WCC on rural isolation. WCC had a Rural Community Development Officer, which the District Council would work with to develop a work programme. The Head of Health & Community Protection would ask officers to examine if notices about services for rural areas could be put up on parish noticeboards.
- The Dementia Friends initiative had successfully been delivered out to taxi drivers and front-line District Council staff and Councillors. The initiative would now concentrate on providing training to

## **HEALTH SCRUTINY SUB-COMMITTEE MINUTES (Continued)**

community groups. In respect of businesses, the Council would work with BID Leamington to deliver the message.

### **7. Health Scrutiny Sub-Committee Work Programme**


The Sub-Committee considered a report from Democratic Services which informed it of its work programme for 2017 and the current Forward Plan for July to October 2017.

**Resolved** that the following amendments be made to the Work Programme:

- (1) a report on child mortality be given to the November meeting, including if services are failing residents and if so, where, how and why. An invitation will be extended to Dr Linnane to attend the meeting;
- (2) the Sub-Committee meeting in August is to be cancelled;
- (3) a report on what Health and Wellbeing Strategy objectives have been met to be given at the November meeting;
- (4) feedback at each meeting from the Portfolio Holder from the WCC Health & Wellbeing Board; and
- (5) feedback from other Sub-Committee Councillors who sit on outside bodies for Health & Wellbeing at each meeting.

The Head of Health & Community Protection was asked to inform the Committee Services Officer when a report could be presented on the revised strategy from the Health & Wellbeing Board in respect of housing, and the joint strategic needs assessment.

(The meeting finished at 7.16 pm)

 <b>Health Scrutiny Sub Committee</b> <b>21<sup>st</sup> November 2017</b>		<b>Agenda Item No. 4</b>
<b>Title</b>	Annual Status Report – Air Quality Management	
<b>For further information about this report please contact</b>	Matthew Shirley (01926 456730)	
<b>Wards of the District directly affected</b>	All	
<b>Is the report private and confidential and not for publication by virtue of a paragraph of schedule 12A of the Local Government Act 1972, following the Local Government (Access to Information) (Variation) Order 2006?</b>	No	
<b>Date and meeting when issue was last considered and relevant minute number</b>	22 <sup>nd</sup> November 2016 – Health Scrutiny Sub-Committee – Minute number 26	
<b>Background Papers</b>	Annex 1: Annual Status Report 2017 Annex 2: Review of Taxi Emissions overview	

<b>Contrary to the policy framework:</b>	No
<b>Contrary to the budgetary framework:</b>	No
<b>Key Decision?</b>	No
<b>Included within the Forward Plan? (If yes include reference number)</b>	No
<b>Equality Impact Assessment Undertaken</b>	No (If No state why below)
The Annual Status Report is a progress report and as such it is not considered that it has any adverse impact in respect of Equalities.	

Officer/Councillor Approval		
Officer Approval	Date	Name
Chief Executive/Deputy Chief Executive	24/10/2017	Andrew Jones
Head of Service	20/10/2017	Marianne Rolfe
CMT		
Section 151 Officer		
Monitoring Officer		
Finance		
Portfolio Holder(s)	07/11/2017	Cllr Andrew Thompson
Consultation & Community Engagement		
N/A		
Final Decision?		No
Suggested next steps (if not final decision please set out below)		

## Summary

- 1.1 The Council plays a key role in local air quality management. This report is to update Members on progress.

## 2. Recommendation

- 2.1 That the contents of the Warwick District Council Annual Status 2017 report (Annex 1) are noted.

## 3. Reasons for the Recommendation

- 3.1 To keep the committee advised on progress.

## 4. Policy Framework

### 4.1 Fit for the Future (FFF)

The Council's FFF Strategy is designed to deliver the Vision for the District of making it a Great Place to Live, Work and Visit. To that end amongst other things the FFF Strategy contains several Key projects.

The FFF Strategy has 3 strands – People, Services and Money and each has an external and internal element to it. The table below illustrates the impact of this proposal if any in relation to the Council's FFF Strategy.

FFF Strands		
People	Services	Money
<b>External</b>		
<b>Health, Homes, Communities</b>	<b>Green, Clean, Safe</b>	<b>Infrastructure, Enterprise, Employment</b>
<u>Intended outcomes:</u> Improved health for all Housing needs for all met Impressive cultural and sports activities Cohesive and active communities	<u>Intended outcomes:</u> Area has well looked after public spaces All communities have access to decent open space Improved air quality Low levels of crime and ASB	<u>Intended outcomes:</u> Dynamic and diverse local economy Vibrant town centres Improved performance/ productivity of local economy Increased employment and income levels
<b>Impacts of Proposal</b>		
The Council's purpose is to improve the quality of life for everyone who lives in, works in or visits Warwick District. With our partners, we aspire to build sustainable, safer, stronger and healthier communities. As traffic congestion is the main source of air pollution, any actions promoting modal shift to reduce car dependency will not only improve air quality but also enhance healthier lifestyles.		None

<b>Internal</b>		
<b>Effective Staff</b>	<b>Maintain or Improve Services</b>	<b>Firm Financial Footing over the Longer Term</b>
<u>Intended outcomes:</u> All staff are properly trained All staff have the appropriate tools All staff are engaged, empowered and supported The right people are in the right job with the right skills and right behaviours	<u>Intended outcomes:</u> Focusing on our customers' needs Continuously improve our processes Increase the digital provision of services	<u>Intended outcomes:</u> Better return/use of our assets Full Cost accounting Continued cost management Maximise income earning opportunities Seek best value for money
<b>Impacts of Proposal</b>		
None	None	None

## 4.2 Supporting Strategies

The annual status report details Warwick District Council's progress towards achieving national air quality objectives. The council's strategy for delivering air quality improvements in its area are set out within Warwick District Council's Air Quality Action Plan. The Annual Status Report provides an update on progress with the actions identified within this plan.

## 4.3 Changes to Existing Policies

This report is to update Members on progress in relation to local air quality management and does not propose any changes to the following principle policies:

- Fit for the Future
- Development Plan Documents
- Food Law Enforcement Service Plan
- The plan and strategy which comprise the Housing Investment Programme

## 4.3 Impact Assessments

It is not considered that the annual status report has any adverse impact in respect of Equality.

## 5. Budgetary Framework

- 5.1 The costs associated with local air quality management are contained within current budgets.

## 6. Risks

- 6.1 No risks have been identified with this update report.



## **7. Alternative Option(s) considered**

- 7.1 No alternatives have been considered because providing an Annual Status Report to Defra is a statutory responsibility. The ASR fulfils a requirement of Local Air Quality Management (LAQM) as set out in Part IV of the Environment Act (1995) and the relevant Policy and Technical Guidance documents.

## **8. Background**

- 8.1 Within Warwick District, air quality is generally good. However there are locations in the town centres where nitrogen dioxide levels regularly exceed the national objective. This has led to the Council declaring five air quality management areas (AQMAS) with on-going monitoring in these areas.
- 8.2 There are currently five AQMAS declared within the Warwick District, these are; Warwick town centre and Coventry Road, Warwick, Leamington Spa and 2 small AQMAS in Kenilworth.
- 8.3 Vehicle emissions are the cause of nitrogen dioxide levels exceeding air quality objectives in all AQMAS. As such, any improvement is largely dependent on the cooperation of Warwickshire County Council to implement schemes aimed at reducing traffic congestion. Warwickshire Public Health also has a key role in promoting modal shift away from the car to encourage healthier lifestyles.
- 8.4 The Action Plan encompassing all these AQMAS was updated in 2015 and progress is reported on through the Annual Status Report. Warwick District Council is actively working to improve air quality in the district, through the implementation of the Action Plan, as well as implementation of the Local Transport Plan in partnership with Planning and Public Health colleagues.
- 8.5 Members have previously queried the Council's focus on nitrogen dioxide and a perceived lack of attention to particulate matter air pollution. Whilst the health impact of particulates (mainly from diesel engines) is recognised, no exceedences of air quality objectives have been identified for particulates. Levels of particulates measured at the two DEFRA real-time monitoring units in Leamington (Rugby Road and Hamilton Terrace) have not shown any exceedences.

## **9. Action to Improve Air Quality**

- 9.1 At the majority of monitoring locations, pollutant concentrations in 2016 were higher than other recent years. There were fifteen monitored exceedences of the nitrogen dioxide annual mean objective in 2016. The majority of the locations above the annual mean objective were within the boundaries of existing Air Quality Management Areas (AQMAS) with the exception of two sites which are just beyond the boundaries of these areas. Given the increase in nitrogen dioxide concentrations seen in 2016, the council will need to continue focussing on implementing measures from its air quality action plan to deliver further improvements.

No exceedences of the annual objectives for particulate matter (PM10 and PM2.5) were measured in 2016 and have generally remained stable over the last five years. Similarly no exceedences of the 24-hour mean for PM10 have

been measured in 2016 with concentrations also remaining relatively stable over the last five years.

- 9.2 WDC has taken forward a number of measures during the current reporting year of 2016 in pursuit of improving local air quality. As the Action Plan is still relatively new, many of the measures are still in the planning phase. Some of these key actions are detailed below.

### **Traffic Management & Smarter Travel**

- 9.2 One of the key groups of measures relate to those being implemented on the key transport corridors, which have been prioritised by Warwickshire County Council. Good progress is being made in relation to these proposals, with many of the detailed measures having some air quality impact. Detailed proposals are set out for 11 main corridors / areas, many of which align with AQMAs in the district. Each of the 11 areas include specific measures for junction / highway improvements, walking and cycling improvements, park and ride provision, bus priority measures as well as behavioural change measures. Most work has been undertaken on the A452 Europa Way 'Sustainable Spine' corridor which is the key route from the M40 in Leamington Spa and Warwick. Proposals are being worked on and funding being sought from large scale developments currently coming forward.

### **Development Control**

- 9.3 The measures being implemented through planning are also successfully moving forward. Planning applications are routinely being checked by Environmental Health Officers and air quality assessments requested where relevant. Mitigation based on the Low Emission Strategy Guidance is also routinely requested. In addition, an air quality assessment of the impacts of Local Plan development has been undertaken, which goes some way to assessing the potential cumulative impact of development outlined in the Local Plan.

### **Promote Low Emission Vehicles and Infrastructure**

- 9.4 Environmental Health Officers are using our Low Emission Strategy Guidance to require new developments to provide electric vehicle charging points and ensure a more widespread infrastructure for low emission vehicles.
- 9.5 In response to the commitment for WDC to move our fleet to electric vehicles where practicable, WDC now have 5 electric vehicle pool cars, 4 are routinely used by the housing department and 1 by planning.

### **Local Priorities**

- 9.6 Priorities for the coming year are to continue to support the work on the key transport corridors and continue implementing the planning measures, as well as promoting low emission vehicles and infrastructure.

### **Review of Taxi Emissions**

- 9.4 Warwick District Council is currently exploring the potential for a low emissions taxi licensing policy which would seek to deliver air quality improvements by introducing emission standard limits for new licensed taxi vehicles. The policy is currently being considered as a county-wide initiative with neighbouring district and borough councils in Coventry and Warwickshire. An overview of this policy is attached in Annex 2.

### **Electric Vehicle Charging Infrastructure Strategy**

- 9.5 Warwick District Council is a stakeholder in Warwickshire County Council's Electric Vehicle Charging Infrastructure Strategy. The strategy is looking at delivering a network of electric vehicle charging points in public car parks throughout the County. The strategy is also looking at options to increase the provision of on-street electric vehicle charging points for residents without off-street drives or garages.



# ***Warwick District Council Annual Status Report 2017***

*Bureau Veritas*

*September 2017*

***Move Forward with Confidence***



### Document Control Sheet

Issue/Revision	Issue 1	Issue 2
Remarks	Draft	Final
Date	August 2017	September 2017
Submitted to	Michael Jenkins, Katherine Warren	Michael Jenkins, Katherine Warren
Prepared by	Max Nancarrow - Consultant	Max Nancarrow - Consultant
Signature		
Approved by	Hannah Smith – Senior Consultant	Hannah Smith – Senior Consultant
Signature		
Project number	6454669	6454669

#### Disclaimer

This Report was completed by Bureau Veritas on the basis of a defined programme of work and terms and conditions agreed with the Client. Bureau Veritas' confirms that in preparing this Report it has exercised all reasonable skill and care taking into account the project objectives, the agreed scope of works, prevailing site conditions and the degree of manpower and resources allocated to the project.

Bureau Veritas accepts no responsibility to any parties whatsoever, following the issue of the Report, for any matters arising outside the agreed scope of the works.

This Report is issued in confidence to the Client and Bureau Veritas has no responsibility to any third parties to whom this Report may be circulated, in part or in full, and any such parties rely on the contents of the report solely at their own risk.

Unless specifically assigned or transferred within the terms of the agreement, the consultant asserts and retains all Copyright, and other Intellectual Property Rights, in and over the Report and its contents.

Any questions or matters arising from this Report should be addressed in the first instance to the report author.



## 2017 Air Quality Annual Status Report (ASR)

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

September 2017

Local Authority Officer	Michael Jenkins
Department	Health and Community Protection
Address	Warwick District Council, Riverside House, Milverton Hill, Royal Leamington Spa, Warwickshire, CV32 5HZ
Telephone	01926 456724
E-mail	Michael.Jenkins@warwickdc.gov.uk
Report Reference number	2017 Annual Status Report
Date	September 2017

## Executive Summary: Air Quality in Our Area

### Air Quality in Warwick District Council

Air pollution is associated with a number of adverse health impacts. It is recognised as a contributing factor in the onset of heart disease and cancer. Additionally, air pollution particularly affects the most vulnerable in society: children and older people, and those with heart and lung conditions. There is also often a strong correlation with equalities issues, because areas with poor air quality are also often the less affluent areas<sup>1,2</sup>.

The annual health cost to society of the impacts of particulate matter alone in the UK is estimated to be around £16 billion<sup>3</sup>.

Warwick District is situated in the West Midlands, within the county of Warwickshire. To the south lies Stratford-on-Avon, to the east, Rugby, and to the north are Coventry and Solihull. The main towns in the district are Warwick, Leamington Spa and Kenilworth, and there are also a number of villages scattered throughout the rural parts of the district. The main air quality issues identified are for Nitrogen Dioxide (NO<sub>2</sub>) emitted from road traffic, particularly at congested town centre locations within Warwick, Leamington Spa and Kenilworth. The M40 also runs through the district, alongside which NO<sub>2</sub> concentrations will be elevated.

There are currently 5 AQMAs declared in the district, located in the Warwick town centre and Coventry Road, Leamington Spa and 2 small AQMAs in Kenilworth. The Action Plan encompassing all these five AQMAs was updated in 2015. Air pollution in 2016 has risen slightly as compared to 2015, but Warwick District Council is actively working to improve air quality in the district, through the implementation of the Action Plan, as well as implementation of the Local Transport Plan and in partnership with Planning and Public Health colleagues.

### Actions to Improve Air Quality

Warwick District Council has taken forward a number of measures during the current reporting year in pursuit of improving local air quality. One of the key groups of

---

<sup>1</sup> Environmental equity, air quality, socioeconomic status and respiratory health, 2010

<sup>2</sup> Air quality and social deprivation in the UK: an environmental inequalities analysis, 2006

<sup>3</sup> Defra. Abatement cost guidance for valuing changes in air quality, May 2013



measures relate to those being implemented on the key corridors, which have been prioritised by Warwickshire County Council. Good progress is being made in relation to these proposals, with many of the detailed measures having some impact on air quality. Detailed proposals are set out for 11 main corridors/areas many of which align with AQMAs in the district. Each of the 11 areas include specific measures for junction/highway improvements, walking and cycling improvements, Park and Ride provision, bus priority measures as well as behavioural change measures. Most work has been undertaken on the A452 Europa Way 'Sustainable Spine' corridor which is the key route from the M40 in Leamington Spa and Warwick. Proposals are being worked on and funding being sought from large scale developments currently coming forward.

The measures being implemented through the planning regime are also successfully moving forward. Planning applications are routinely being checked by the environmental health team and air quality assessments requested where relevant. Mitigation, based on the Low Emissions Strategy Planning Guidance (SPG) is also routinely requested. In addition, an air quality assessment of the impacts of Local Plan development has been undertaken, which goes some way to assessing the potential cumulative impact of development outlined in the Local Plan.

In light of the new funding made available by central government as part of the recently released national strategy for tackling air quality<sup>4</sup> (and specifically Nitrogen Dioxide), the Council will be looking to access these revenue streams in the coming months and years in order to support the measures proposed.

## **Conclusions and Priorities**

At the majority of monitoring locations, pollutant concentrations in 2016 were higher than 2015 and other recent years. There were fifteen monitored exceedences of the nitrogen dioxide annual mean objective in 2016.

The majority of the diffusion tube locations above the annual mean objective were within the current boundaries of the AQMAs, with the exception of two sites, W67 and W5, which are both on the fringes of the current extent of the Warwick AQMA. Whilst this is cause for concern, WDC do not propose to amend the current AQMA at this time due to factors discussed within the main body of the report, primarily that W67 is

---

<sup>4</sup> <https://www.gov.uk/government/publications/air-quality-plan-for-nitrogen-dioxide-no2-in-uk-2017>

the first year of exceedance and W5 is considered a potential anomaly. WDC will however give consideration to expanding the Warwick AQMA if the exceedances are repeated in next year's monitoring data. Given the increase in NO<sub>2</sub> concentrations seen in 2016, it is also not considered prudent to revoke any of the Councils AQMAs at this time.

It is clear that there is still work to do in improving the air quality within Warwick, and the Council will focus on implementing the measures from the 2015 Air Quality Action Plan in 2017/18 in order to address this.

## **Local Engagement and How to get Involved**

Members of the public can help improve air quality in the borough by travelling using sustainable transport options, such as walking, running, cycling and using public transport. Car sharing is also a relatively easy way to reduce private car use (<https://carsharewarwickshire.liftshare.com/>).

Any further enquiries should be directed to the Council's Environmental Protection Division. To contact us, please ring (01926) 456725, or email us on [ehpollution@warwickdc.gov.uk](mailto:ehpollution@warwickdc.gov.uk).

WDC aim to provide an initial response within 4 working days and to complete your request in no more than 20 working days.

# Table of Contents

<b>Executive Summary: Air Quality in Our Area.....</b>	<b>i</b>
Air Quality in Warwick District Council .....	i
Actions to Improve Air Quality .....	i
Conclusions and Priorities .....	ii
Local Engagement and How to get Involved .....	iii
<b>1 Local Air Quality Management.....</b>	<b>1</b>
<b>2 Actions to Improve Air Quality.....</b>	<b>2</b>
2.1 Air Quality Management Areas.....	2
2.2 Progress and Impact of Measures to address Air Quality in Warwick District Council .....	5
2.3 PM <sub>2.5</sub> – Local Authority Approach to Reducing Emissions and/or Concentrations.....	19
<b>3 Air Quality Monitoring Data and Comparison with Air Quality Objectives and National Compliance.....</b>	<b>21</b>
3.1 Summary of Monitoring Undertaken .....	21
3.1.1 Automatic Monitoring Sites .....	21
3.1.2 Non-Automatic Monitoring Sites.....	21
3.2 Individual Pollutants .....	21
3.2.1 Nitrogen Dioxide (NO <sub>2</sub> ).....	21
3.2.2 Particulate Matter (PM <sub>10</sub> ).....	23
3.2.3 Particulate Matter (PM <sub>2.5</sub> ) .....	23
3.2.4 Sulphur Dioxide (SO <sub>2</sub> ) .....	23
<b>Appendix A: Monitoring Results .....</b>	<b>25</b>
<b>Appendix B: Full Monthly Diffusion Tube Results for 2016.....</b>	<b>40</b>
<b>Appendix C: Supporting Technical Information / Air Quality Monitoring Data QA/QC .....</b>	<b>43</b>
PM Monitoring Adjustment .....	43
Short to Long term data adjustment; Annualisation .....	45
<b>Appendix D: Map(s) of Monitoring Locations and AQMAs .....</b>	<b>49</b>
<b>Appendix E: Summary of Air Quality Objectives in England.....</b>	<b>54</b>
<b>Glossary of Terms .....</b>	<b>57</b>
<b>References .....</b>	<b>58</b>

## List of Tables

Table 2.1 – Declared Air Quality Management Areas.....	3
--	---

Table 2.2 – Progress on Measures to Improve Air Quality .....	11
Table A.1 – Details of Automatic Monitoring Sites .....	25
Table A.2 – Details of Non-Automatic Monitoring Sites .....	26
Table A.3 – Annual Mean NO <sub>2</sub> Monitoring Results .....	29
Table A.4 – 1-Hour Mean NO <sub>2</sub> Monitoring Results .....	34
Table A.5 – Annual Mean PM <sub>10</sub> Monitoring Results .....	36
Table A.6 – 24-Hour Mean PM <sub>10</sub> Monitoring Results .....	36
Table A.7 – PM <sub>2.5</sub> Monitoring Results .....	38
Table A.8 - O <sub>3</sub> Monitoring Results .....	38
Table B.1 – NO <sub>2</sub> Monthly Diffusion Tube Results - 2016 .....	40
Table E.1 – Air Quality Objectives in England .....	54
Table F.1 - Planning Applications .....	55

## List of Figures

Figure 2.1 - Coventry Road AQMA, Warwick .....	5
Figure 2.2 - Warwick Road AQMA, Kenilworth .....	6
Figure 2.3 - New Street AQMA, Kenilworth .....	7
Figure 2.4 - Leamington Spa AQMA .....	8
Figure 2.5 - Warwick AQMA (amended 2008) .....	8
Figure A.1 – Trends in Annual Mean NO <sub>2</sub> Concentrations - Warwick .....	32
Figure A.2 - Trends in Annual Mean NO <sub>2</sub> Concentrations - Leamington, Kenilworth and Stoneleigh .....	33
Figure A.3 – Trends in Number of NO <sub>2</sub> 1-Hour Means > 200µg/m <sup>3</sup> .....	35
Figure A.4 – Trends in Annual Mean PM <sub>10</sub> Concentrations .....	37
Figure A.5 – Trends in Annual Mean PM <sub>2.5</sub> Concentrations .....	39
Figure C.1 - Leamington Spa Hamilton Terrace Local Bias Adjustment .....	44
Figure C.2 - Jury St/Pageant House Warwick Local Bias Adjustment .....	45
Figure C.3 - W36 NO <sub>2</sub> fall-off with distance from the road .....	47
Figure C.4 - W52 NO <sub>2</sub> fall-off with distance from the road .....	47
Figure C.5 - W67 NO <sub>2</sub> fall-off with distance from the road .....	47
Figure D.1 - Air Quality Monitoring Locations - Leamington Spa Centre .....	49
Figure D.2 - Air Quality Monitoring Locations - Leamington Spa Rugby Road .....	50
Figure D.3 - Air Quality Monitoring Locations - Warwick .....	51
Figure D.4 - Air Quality Monitoring Locations - Kenilworth .....	52
Figure D.5 Air Quality Monitoring Locations - Stoneleigh .....	53

## 1 Local Air Quality Management

This report provides an overview of air quality in Warwick District Council during 2016. It fulfils the requirements of Local Air Quality Management (LAQM) as set out in Part IV of the Environment Act (1995) and the relevant Policy and Technical Guidance documents.

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 an exceedance is considered likely the local authority must 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. This Annual Status Report (ASR) is an annual requirement showing the strategies employed by Warwick District Council to improve air quality and any progress that has been made.

The statutory air quality objectives applicable to LAQM in England can be found in Table E.1 in Appendix E.

## 2 Actions to Improve Air Quality

### 2.1 Air Quality Management Areas

Air Quality Management Areas (AQMAs) are declared when there is an exceedance or likely exceedance of an air quality objective. After declaration, the authority must prepare an Air Quality Action Plan (AQAP) within 12-18 months setting out measures it intends to put in place in pursuit of compliance with the objectives.

A summary of AQMAs declared by Warwick District Council can be found in Table 2.1, and a copy of the maps submitted with the AQMA declarations is provided in Figure 2.1 to Figure 2.5. Further information related to declared or revoked AQMAs, including maps of AQMA boundaries are also available online at [https://uk-air.defra.gov.uk/aqma/local-authorities?la\\_id=296](https://uk-air.defra.gov.uk/aqma/local-authorities?la_id=296). Alternatively, see Appendix D: Maps of Monitoring Locations and AQMAs, which provides for a map of air quality monitoring locations in relation to the AQMAs in which they are located.

Whilst there are two identified exceedances just outside the current boundary of Warwick AQMA, WDC do not propose to seek to amend the AQMA at this time for reasons discussed later in the document (see Section 3.2.1), but will consider proceeding to do so if these exceedances are repeated in next year's monitoring data.

The appraisal of the 2016 ASR recommended the Council consider proceeding to the revocation of the two Kenilworth AQMAs. However, given that concentrations have increased this year and are now much closer to the annual mean NO<sub>2</sub> AQS objective (see Section 3.2.1), the Council proposes that these AQMAs should remain in place at present, and the situation further monitored in future years.

Table 2.1 – Declared Air Quality Management Areas

AQMA Name	Date of Declaration	Pollutants and Air Quality Objectives	City / Town	One Line Description	Is air quality in the AQMA influenced by roads controlled by Highways England?	Level of Exceedance (maximum monitored/modelled concentration at a location of relevant exposure)		Action Plan (inc. date of publication)
						At Declaration*	Now	
<b>Warwick Coventry Road</b>	01/03/2011	Nitrogen Dioxide Annual Mean	Warwick	The area covers the east side of Coventry Road from the junction with St. Johns / Coten End, incorporating 2-4 Coventry Road and Montgomery Court, properties fronting on to Coventry Road only.	NO	50.8µg/m <sup>3</sup>	44.0µg/m <sup>3</sup>	AQAP: WDC, 2015 (Air Quality Consultants, 2015) Available at: <a href="http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan">http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan</a>
<b>Warwick Road (Kenilworth) AQMA</b>	01/11/2008	Nitrogen Dioxide Annual Mean	Kenilworth	An area encompassing all properties along Warwick Road, Kenilworth between the junctions with Station Road and Waverley Road.	NO	48.1µg/m <sup>3</sup>	37.5µg/m <sup>3</sup>	AQAP: WDC, 2015 (Air Quality Consultants, 2015) Available at: <a href="http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan">http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan</a>
<b>New Street Kenilworth AQMA</b>	01/11/2008	Nitrogen Dioxide Annual Mean	Kenilworth	An area encompassing all properties fronting New Street, Kenilworth from the junction with Bridge Street/Fieldgate Lane up to and including No. 17 New Street.	NO	39.8µg/m <sup>3</sup>	40.0µg/m <sup>3</sup>	AQAP: WDC, 2015 (Air Quality Consultants, 2015) Available at: <a href="http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan">http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan</a>

## Warwick District Council

<b>Leamington Spa AQMA</b>	01/12/2004, Amended 2014	Nitrogen Dioxide Annual Mean	Leamington Spa	An area of South Town, Leamington Spa, centred on High Street, Clemens Street and Bath Street.	NO	<b>52.9µg/m<sup>3</sup></b>	<b>50.4µg/m<sup>3</sup></b>	AQAP: WDC, 2015 (Air Quality Consultants, 2015) Available at: <a href="http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan">http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan</a>
<b>Warwick AQMA</b>	Declared December 2004, Amended 01/07/2008	Nitrogen Dioxide Annual and 1-Hour Mean	Warwick	An area in the centre of Warwick, encompassing properties along High Street, Jury Street, Bowling Green Street, Theatre Street, Northgate, The Butts, Smith Street, Church St and part of Saltisford, and also including a number of nearby properties. This AQMA is now declared for both annual and hourly mean nitrogen dioxide objectives.	NO	<b>58.3µg/m<sup>3</sup></b>	<b>46.6µg/m<sup>3</sup></b>	AQAP: WDC, 2015 (Air Quality Consultants, 2015) Available at: <a href="http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan">http://www.warwickdc.gov.uk/download/downloads/id/517/air_quality_action_plan</a>

☒ **Warwick District Council confirm the information on UK-Air regarding their AQMA(s) is in the process of being updated, due to identified anomalies with the Leamington Spa boundary**

\* Earliest available concentrations are for 2008

**In Bold**; exceedances of the AQS objective



### Figure 2.1 - Coventry Road AQMA, Warwick

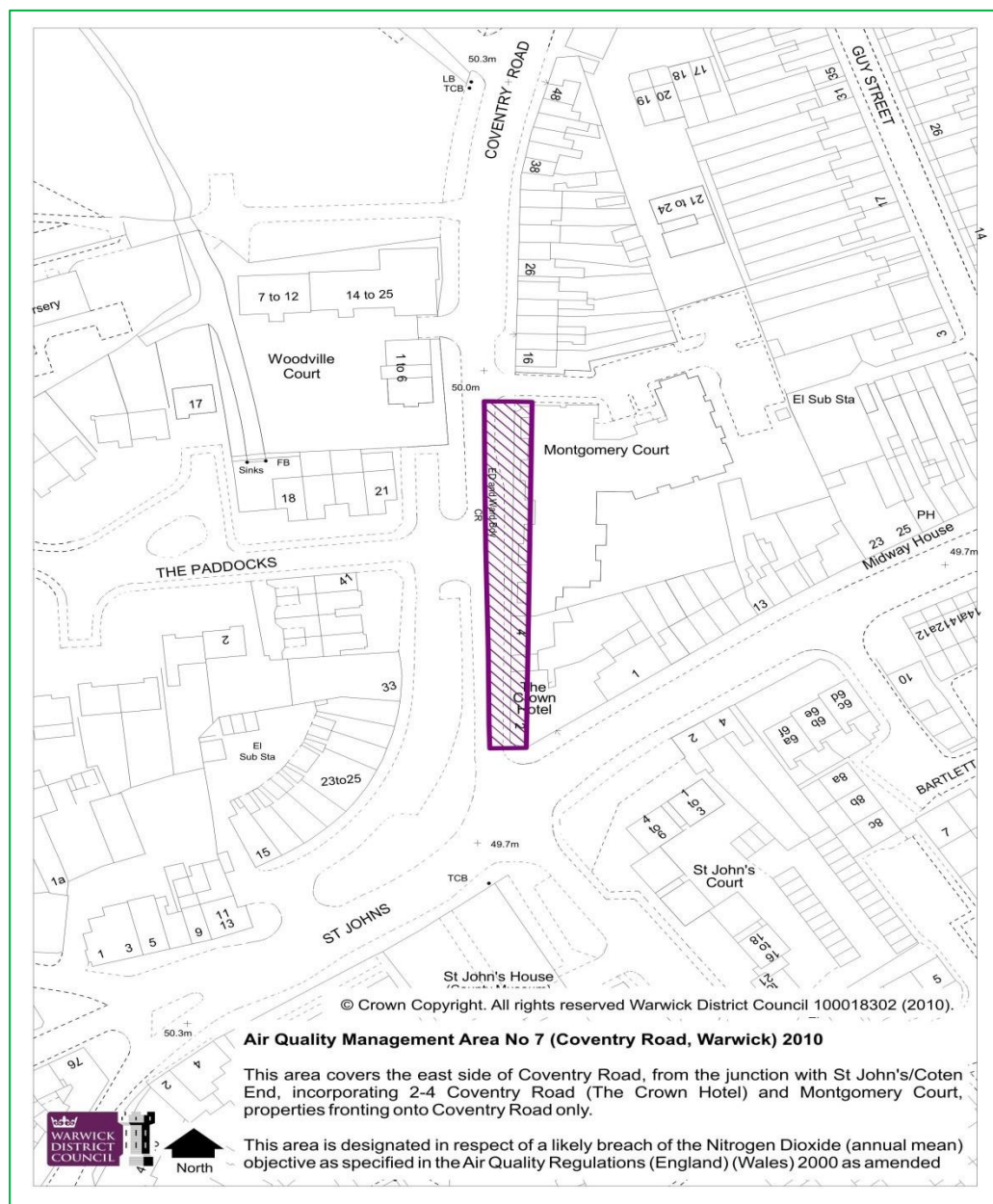


Figure 2.2 - Warwick Road AQMA, Kenilworth

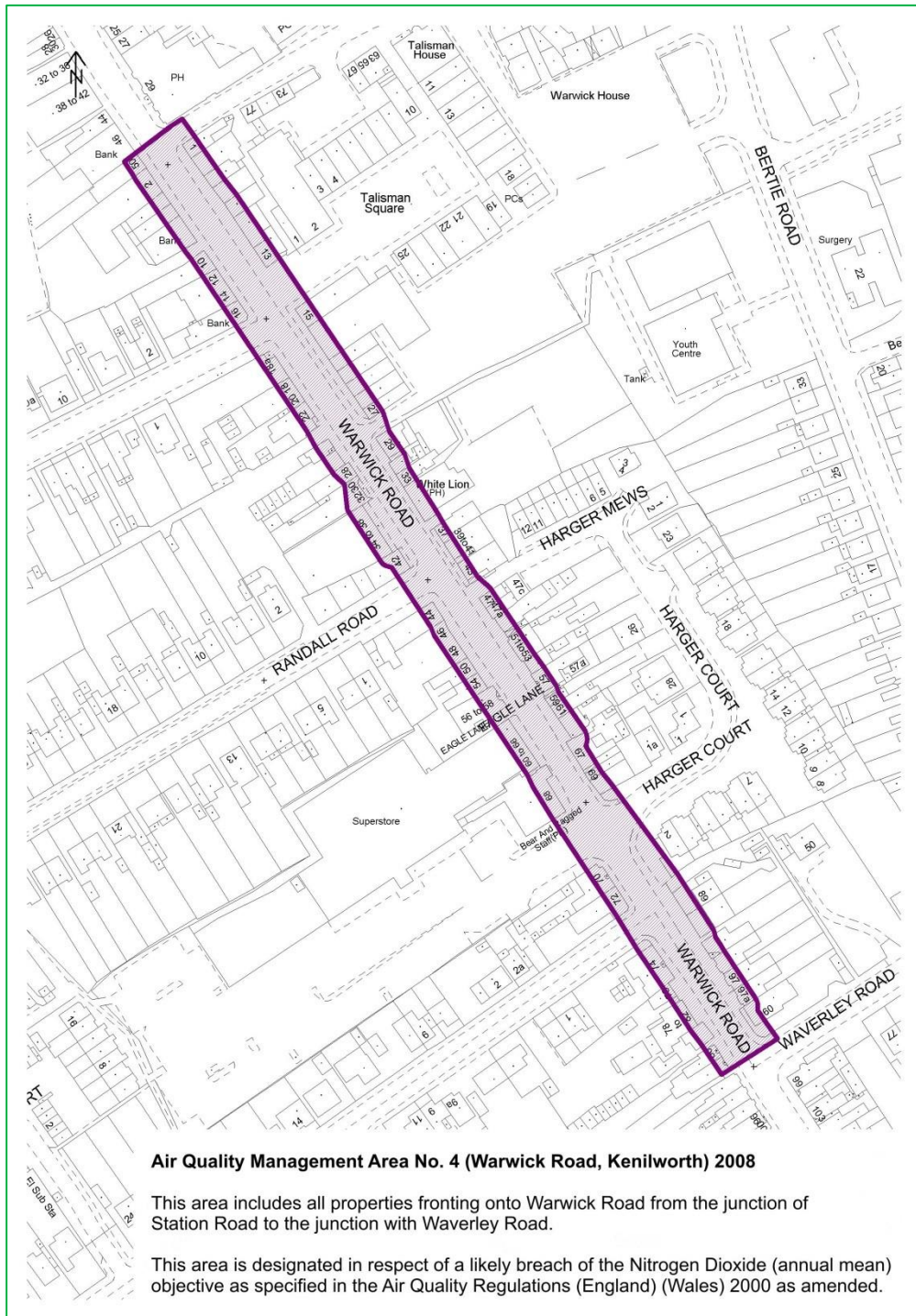


Figure 2.3 - New Street AQMA, Kenilworth

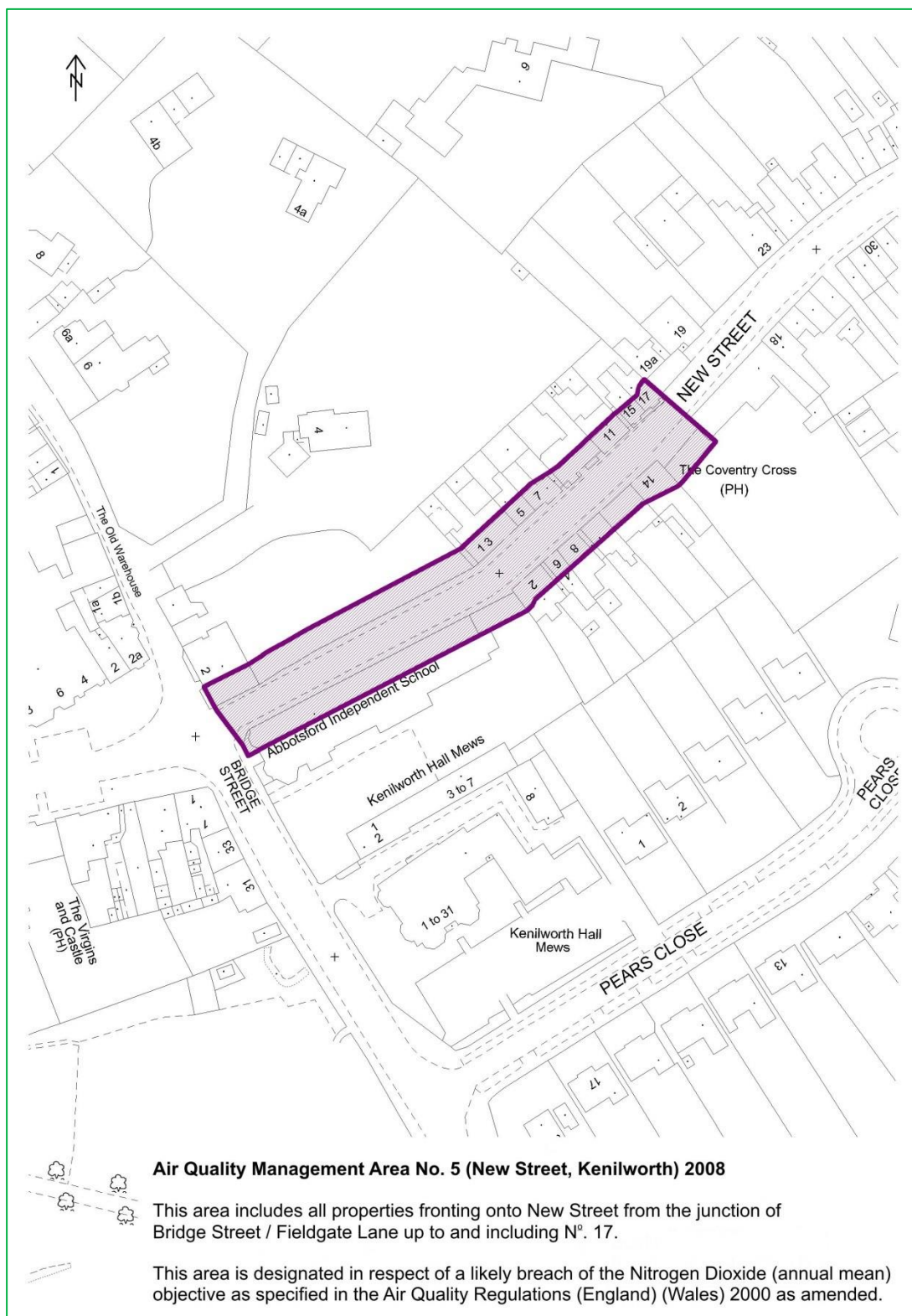




Figure 2.4 - Leamington Spa AQMA

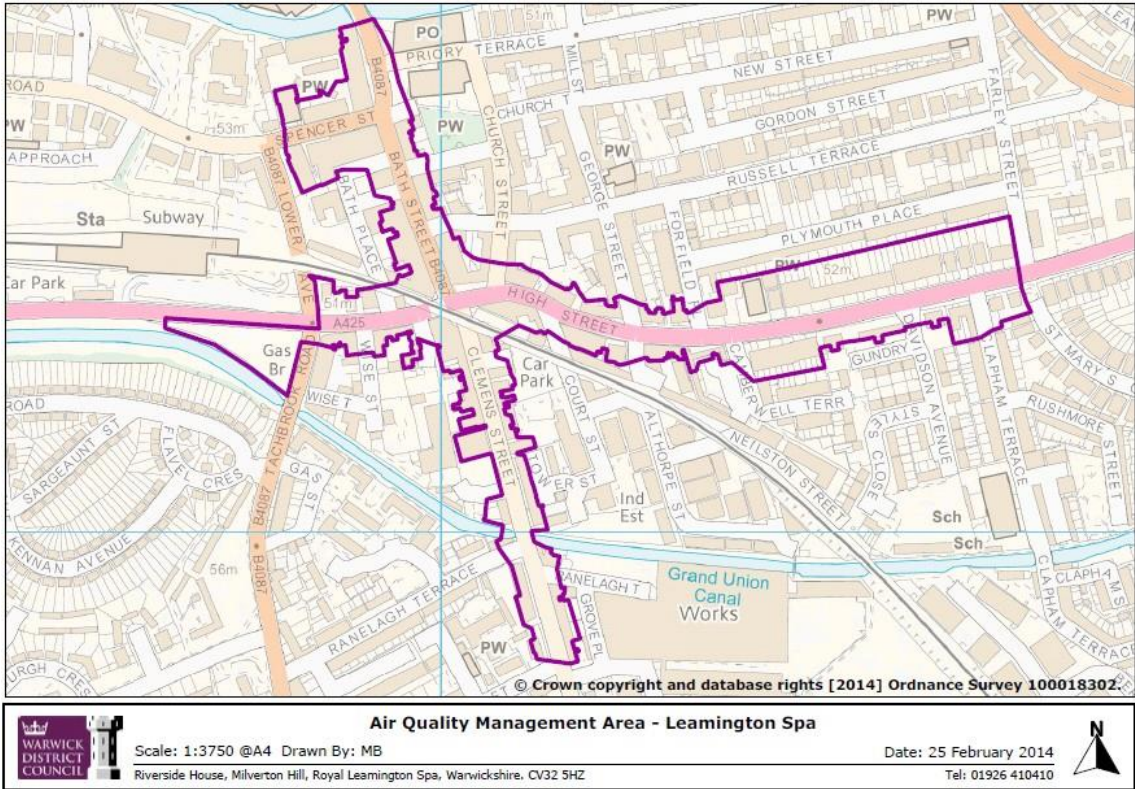
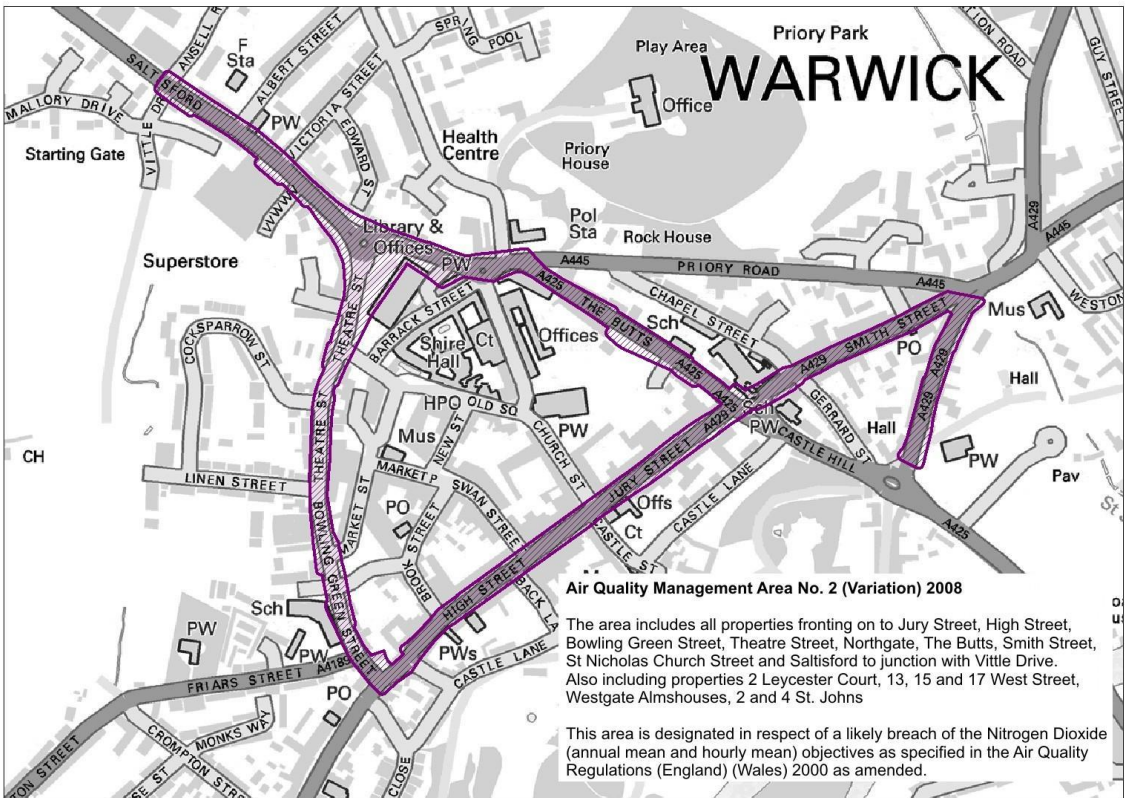


Figure 2.5 - Warwick AQMA (amended 2008)



## 2.2 Progress and Impact of Measures to address Air Quality in Warwick District Council

Defra's appraisal of last year's ASR concluded the report was well structured, detailed, and provided the information specified in the Guidance. Comments principally centred on the recently published Action Plan, where further progressive development of the Plan to tailor measures to specific AQMAs was recommended. The appraisal also suggested that further assessment of the supporting information for the AQAP should be considered in order to support this. Comments relating to the ASR itself were to include distance correction<sup>5</sup> where appropriate, and to consider revoking the Kenilworth AQMA, should concentrations continue to remain below the AQS objective. Consideration is given to both these latter points within this year's ASR.

Warwick District Council has taken forward a number of direct measures during the current reporting year in pursuit of improving local air quality. Details of all measures completed, in progress or planned are set out in Table 2.2.

More detail on these measures can be found in Warwick District Council's Air Quality Action Plan (2015)<sup>6</sup>.

One of the key groups of measures relate to those being implemented on the key transport corridors, which have been prioritised by Warwickshire County Council. Good progress is being made relating to these proposals, and many of the detailed measures should have some impact on air quality. Detailed proposals are set out for 11 main corridors, many of which align with AQMAs in the district. Each of the 11 areas include specific measures for junction/highway improvements, walking and cycling improvements, Park and Ride provision, bus priority measures as well as behavioural change measures. Most work has been undertaken on the A452 Europa Way 'Sustainable Spine' corridor which is the key route from the M40 in Leamington Spa and Warwick. Proposals are being worked on and funding being sought from large scale developments currently coming forward.

The measures being implemented through the planning regime are also successfully moving forward. Planning applications are routinely being checked by the

---

<sup>5</sup> <https://laqm.defra.gov.uk/tools-monitoring-data/no2-falloff.html>

<sup>6</sup> [https://www.warwickdc.gov.uk/info/20505/air\\_pollution](https://www.warwickdc.gov.uk/info/20505/air_pollution)

environmental health team and air quality assessments requested where relevant. Mitigation, based on the Low Emissions SPG is also routinely requested. In addition, an air quality assessment of the impacts of Local Plan development has been undertaken, which goes some way to assessing the potential cumulative impact of development outlined in the Local Plan.

WDC's priorities for the coming year are to continue with the implementation work in the key transport corridors and continue in implementing the planning measures, as well as promoting low emission vehicles and infrastructure.

Whilst the measures stated above and in Table 2.2 will help to contribute towards compliance, Warwick District Council anticipates that given current concentrations, further additional measures not yet prescribed may be required in subsequent years to achieve compliance and enable the revocation of Leamington Spa AQMA. The AQAP will be developed and tailored accordingly under its next review.

Table 2.2 – Progress on Measures to Improve Air Quality

Measure No.	Measure	EU Category	EU Classification	Organisations involved and Funding Source	Planning Phase	Implementation Phase	Key Performance Indicator	Reduction in Pollutant / Emission from Measure	Progress to Date	Estimated / Actual Completion Date	Comments / Barriers to implementation
1 Smarter Travel	Area wide improvements to walking and cycling infrastructure	Promoting Travel Alternatives	Promotion of Cycling and Promotion of Walking	WCC	Mainly as part of key transport corridor proposals. Also a review of cycling infrastructure across the district underway (and how that fits in with new developments)	Ongoing	n/a	n/a	Feasibility work undertaken on some corridors	Ongoing implementation of schemes	Detailed information on specific schemes can be found at <a href="http://www.warwickdc.gov.uk/downloads/id/2234/in03_-_draft_infrastructure_delivery_plan_appendix_a_-_transport_corridor_strategies.pdf">http://www.warwickdc.gov.uk/downloads/id/2234/in03_-_draft_infrastructure_delivery_plan_appendix_a_-_transport_corridor_strategies.pdf</a> . Currently focusing on the Europa Way corridor to include a high standard, dedicated cycle route on a section of the highway, fully separated from what will be a new dual carriageway layout by a grass verge. Improvements have also been made to Princes Drive railway arch to improve access for cyclists.
	Smarter Choices and Travel Planning programme	Promoting Travel Alternatives	School Travel Plans and Workplace Travel Planning	WCC	Mainly as part of key transport corridor proposals	Ongoing	n/a	n/a	Feasibility work undertaken on some corridors	Ongoing implementation of schemes	<a href="https://www.warwickshire.gov.uk/ltp3">https://www.warwickshire.gov.uk/ltp3</a>
	Targeted bus stop infrastructure upgrades on key public transport corridors	Transport Planning and Infrastructure	Bus Route Improvements	WCC	Bus priority measure implemented as part of key transport corridor proposals	Ongoing	n/a	n/a	Feasibility work undertaken on some corridors	Ongoing implementation of schemes	None
	Improving infrastructure to improve walking and cycling signage	Promoting Travel Alternatives	Promotion of Cycling and Promotion of Walking	WCC	Walking and cycling implemented part of key transport corridor proposals	Ongoing	n/a	n/a	Feasibility work undertaken on some corridors	Ongoing implementation of schemes	Sustrans currently investigating a signage strategy due to be published in September 2017. Section 106 money has been reserved to install new signage ('node points') at railway stations.



## Warwick District Council

	Hearts and Minds campaign to encourage modal shift away from private car use	Public Information	Other	WCC	Ongoing	Ongoing	n/a	n/a	Mini campaigns undertaken such as 'choose how you move'	Ongoing campaigns	None
	Further consideration of Park and Ride	Alternatives to private vehicle use	Bus based Park and Ride	WCC	Currently in planning phase	Ongoing	n/a	n/a	Park and Ride provision outlined in key transport corridor proposals	Unknown at this time	The Asps development site has now been agreed and review planned looking at park and ride options or workplace parking separate from employer sites with transport in for sites such as National Grid.
	Consideration of a car club	Alternatives to private vehicle use	Car clubs	WDC/ WCC	2015	n/a	n/a	n/a	Decision not to take this forward	n/a	Not being taken forward – population areas not considered large enough to support
	Publicising CarShare Coventry and Warwickshire	Alternatives to private vehicle use	Car and lift sharing schemes	WCC	Ongoing	Ongoing	n/a	n/a	Companies in Tech Park are promoting car share. Workshop for other companies planned	Ongoing	Plans in place for signage advertising the car share website along the main transport corridors, however there is no funding in place for this yet
2. Promote	Supporting future opportunities for funding for Low Emission Vehicles, in particular for vehicle charging infrastructure	Promoting Low Emission Transport	n/a	WDC / WCC	2016	Ongoing (depending on opportunities)	n/a	n/a	WCC currently developing an Electric Vehicle Charging Strategy	Ongoing implementation	WCC currently looking at suppliers for a Warwickshire network of charging points. Expected that suppliers will supply charging infrastructure at no cost to the County and that maintenance/renewal costs would all rest with the supplier. Expecting to go out to tender for a supplier at the end of Summer 2017 and to begin installing by the end of the financial year.
	Use of the planning system to ensure a more widespread infrastructure for low emission vehicles	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	WDC	2013	2014 (for adoption of guidance)	n/a	n/a	Implementation of Low Emission Strategy Guidance to install EV infrastructure	Ongoing implementation	Useful policy mechanism for improving infrastructure in long term



## Warwick District Council

Low Emission Vehicles and Infrastructure	Moving the Warwick DC fleet to electric vehicles where practicable	Promoting Low Emission Transport	Public Vehicle procurement	WDC	2015	2016	n/a	n/a	5 vehicles ordered as pool vehicles	2016 to have vehicles in place. Ongoing commitment where feasible	Very funding dependent. Business case not great without additional funding
	Strive to set up an Ecostars scheme in Warwick District Council whereby fleet operators can join for free and strive to reduce their environmental impacts.	Vehicle Fleet Efficiency	Fleet efficiency and recognition schemes	WDC	2016	2017 onwards	n/a	n/a	Not taken forward yet – no grant funding available	Subject to grant funding	Dependent on funding being available
	Working with Warwickshire County Council and bus operators to encourage lower emission buses (either retrofitting existing buses, or use of alternative fuels).	Vehicle fleet efficiency	Promoting Low Emission Public Transport	WCC	2016	2016 onwards	n/a	n/a	Not yet taken forward, will potentially bring into discussion regarding work in Warwick	Ongoing implementation	None
	Ensuring that the electric taxi within Warwick District Council is utilised to promote Low Emission Vehicles to commercial operators and the public.	Promoting Low Emission Transport	Taxi emission incentive	WDC	n/a	n/a	n/a	n/a	Not feasible as taxi is privately owned	n/a	Licensing service has to be provided as cost neutral therefore can't incentivise electric taxis
	Promotion of electric vehicles through the Warwickshire Drive Electric Website. <a href="http://www.warwickshire.gov.uk/drive-electric">http://www.warwickshire.gov.uk/drive-electric</a>	Promoting Low Emission Transport	Other	WCC	2016	Ongoing	n/a	n/a	Promotion could be enhanced.	Ongoing implementation	Investigate including links on Warwick District Council website
	Use the taxi and private hire licensing system to try and reduce emissions from	Promoting Low Emission Transport	Taxi emission incentive	WDC	n/a	n/a	n/a	n/a	Draft proposals in place	To be confirmed	Consideration of implementing a Euro Emission standard through the taxi licensing regime.

# Warwick District Council

	taxis and private hire vehicles.										
<b>3. Procurement</b>	Investigation with procurement colleagues to produce a sustainable procurement guide to ensure transport emissions are as low as possible	Policy Guidance and Development Control	Sustainable Procurement Guidance	WDC (Procurement)	2016	2016-17	n/a	n/a	No progress made to date	2017	Steering group meeting involved procurement manager. This action still to be taken forward
<b>4. Planning</b>	Ensuring that the Warwick Low Emission Strategy Guidance for Developers is kept up to date, and implemented	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	WDC E,S,H and CP and Planning	n/a	Ongoing	n/a	n/a	Good progress in implementing mitigation through development control	Ongoing	None
	Working with planning policy colleagues to ensure that the Local Plan fully addresses air quality issues with appropriate policies included	Policy Guidance and Development Control	Other policy	WDC E,S,H and CP and Planning	n/a	Ongoing	n/a	n/a	Planning policy relevant to air quality included in new Local Plan	n/a	Local Plan is due to be adopted by August/September 2017 and will then be reviewed every five years.
	Working with planning colleagues and developers to ensure that new developments are based around the 'five-minute walkable neighbourhood', thereby encouraging active travel as the preferred methods of transport to access local facilities	Policy Guidance and Development Control	Other policy	WCC Public Health	n/a	Ongoing	n/a	n/a	5 minute walkable neighbourhoods have been investigated within work undertaken by WYG on how developments should look	Ongoing encouragement of active travel	None

	Ensure that green infrastructure is integrated into all residential and commercial developments, in line with the National Planning Policy Framework (NPPF)	Policy Guidance and Development Control	Other policy	WDC E,S,H and CP and Planning	n/a	Ongoing	n/a	n/a	NPPF followed for new development . Green infrastructure included where relevant	Ongoing	None
	Ensuring that planning applications with potential air quality impacts are fully assessed for their impacts, at relevant locations using appropriate methodologies	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	WDC E,S,H and CP and Planning	n/a	Ongoing	n/a	n/a	Air quality assessments asked for on a regular basis	Ongoing	None
	Ensuring that where possible, cumulative impacts are taken into account. Any committed developments should be included within a given air quality assessment	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	WDC E,S,H and CP and Planning	n/a	Ongoing	n/a	n/a	Ongoing work required where large areas of development are allocated in Local Plan	Ongoing	To some extent, work undertaken on air quality impacts of the Local Plan takes cumulative impacts into account at a strategic level
	Ensuring that appropriate mitigation is implemented where any relevant impacts are identified	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	WDC E,S,H and CP and Planning	n/a	Ongoing	n/a	n/a	Mitigation asked for on a regular basis	Ongoing	None
<b>5. Traffic Management</b>	Junction improvements on key travel corridors in Warwick and Leamington Spa AQMAs are proposed which include junction/highway	Traffic Management	Strategic Highway Improvements	WCC (Transport)	2014-2016	Possible first corridor in place by 2020	n/a	n/a	Good progress on planning and starting to implement corridor proposals	Ongoing for different corridors, Europa Way target for completion 2020 but dependent on development funding	Europa Way likely to be first improvement implemented

## Warwick District Council

	modifications, improvements for walking and cycling and bus priority measures										
	An investigation of 20 mph zones as part of the wider transport strategy, where this will smooth traffic flow	Traffic Management	Reduction of Speed Limits, 20 mph zones	WCC (Transport)	2015	n/a	n/a	n/a	Good progress	2022	Statutory consultation completed and proposals to be reviewed by portfolio holder. The 20mph zone and proposals for Northgate will be carried out first and others will follow including the one-way system. Funding is currently being sourced for this and work is expected to be completed within 5 years
	Targeted re-allocation of road space to prioritise and facilitate movement of pedestrians, cyclists, public transport and car share users	Traffic Management	Strategic Highway Improvements	WCC (Transport)	2014-2016	Possible first corridor in place by 2020	n/a	n/a	Good progress on planning and starting to implement corridor proposals	Ongoing for different corridors, Europa Way target for completion 2020 but dependent on development funding	None
	Manage deliveries across Warwick District Council to ensure that no additional congestion is caused by stationary delivery vehicles in busy locations	Traffic Management	Congestion Management	WCC (Transport)	2016	Not being taken forward at present	n/a	n/a	Will review at future Steering Group meetings	n/a	None
<b>6. Public Health</b>	Re-investigate funding for a website to engage with the public on air quality, the health impacts of poor air quality, sustainable transport and strategies to improve air quality	Public Information	Via the internet	WCC Public Health	2016/17	Ongoing	n/a	n/a	Website proposal in place	Jul-17	Proposed website will have a simple user interface with access to info on all active travel options available. There will also be some reference to air quality, alerts for those with chronic health conditions etc. The website is due to be launched in July. Looking at ways to advertise / promote it.

	Working with planners and developers to embed Public Health's Evidence for Planning guidance, thereby encouraging any new developments to support access to active travel	Policy Guidance and Development Control	Other policy	WCC Public Health	n/a	Ongoing	n/a	n/a	The guidance document is used when responding to planning applications, pre-planning applications and local plan consultations on an ad-hoc basis.	Ongoing	The recommendations made always support the inclusion of active travel.
	Investigate implementing a campaign aimed at vulnerable members of the public (i.e. those with existing respiratory or cardio vascular conditions) in order that they could change behaviour to reduce exposure when pollution levels are high	Public Information	Via the internet	WCC Public Health	2015/16	Unlikely to implement a campaign aimed at vulnerable member of population	n/a	n/a	Instead will embed active travel in everything we do, aimed at whole population	Ongoing	None
7. Local Air Quality Management	Continuation of monitoring within Warwick District Council, focussed on AQMAs, but also in other strategic locations	Other	Other	WDC E,S,H and CP.	n/a	Ongoing	n/a	n/a	Monitoring reported in this report	Ongoing	None
	Regular assessment of air quality against air quality objectives as specified by the LAQM process with reports to defra and the public	Other	Other	WDC E,S,H and CP.	n/a	Ongoing	n/a	n/a	Undertaken in this report	Ongoing	None

	Review of measures set out in this Air Quality Action Plan on a regular basis to ensure they are up to date and being implemented	Other	Other	WDC E,S,H and CP	n/a	Ongoing	n/a	n/a	Undertaken in this report	Ongoing	None
--	---	-------	-------	------------------	-----	---------	-----	-----	---------------------------	---------	------

## 2.3 PM<sub>2.5</sub> – Local Authority Approach to Reducing Emissions and/or Concentrations

As detailed in Policy Guidance LAQM.PG16<sup>7</sup> (Chapter 7), local authorities are expected to work towards reducing emissions and/or concentrations of PM<sub>2.5</sub> (particulate matter with an aerodynamic diameter of 2.5µm or less). There is clear evidence that PM<sub>2.5</sub> has a significant impact on human health, including premature mortality, allergic reactions, and cardiovascular diseases.

Warwick District Council anticipates that the measures within the Action Plan, whilst primarily targeted at NO<sub>2</sub>, will also contribute toward a reduction in PM<sub>2.5</sub>. Proposals focussing on the key transport corridors will also help to reduce overall vehicle trips, reducing PM<sub>2.5</sub> emissions both through reductions in fuel usage and brake and tire wear. However, sources of PM<sub>2.5</sub> extend beyond transport. WDC continues to enforce statutory controls on combustion emissions from both industrial and domestic sources, which both contribute to PM<sub>2.5</sub> concentrations.

Warwick District Council's Environmental and Public Health departments are collaborating to take action on air quality in the local area to help reduce the health burden from air pollution.

The Public Health Outcomes Framework is a Department of Health data tool, intended to focus public health action on increasing healthy life expectancy and reducing differences in life expectancy between communities. The PHOF includes an indicator, based on the effect of particulate matter (PM<sub>2.5</sub>) on mortality. According to the public health outcomes framework<sup>8</sup>, the fraction of mortality attributable to particulate air pollution (measured as PM<sub>2.5</sub>) in 2015 in Warwick is 4.7%, equivalent to the average for England, and just below that of the West Midlands region (4.8%). This would suggest that PM<sub>2.5</sub> concentrations in Warwick are comparable to other areas in the UK.

The approach used in partnership with Public Health colleagues utilises this tool further, and includes the encouragement of active travel, which will also have wider public health benefits captured in other indicators such as increased physical activity (indicator 2.13) and reducing excess weight at various ages (indicators 2.6 & 2.12).

<sup>7</sup> <https://laqm.defra.gov.uk/supporting-guidance.html>

<sup>8</sup> <http://www.phoutcomes.info/public-health-outcomes-framework#page/0/gid/1000043/pat/6/par/E12000005/ati/101/are/E07000222>

Warwick District Council also uses the two monitoring stations in the AURN measuring PM<sub>2.5</sub> to monitor progress against this pollutant. The trend in the last 5 years is broadly consistent, though 2016 saw a marginal reduction in concentrations at both sites. However, there is little difference in concentrations between the background site, AURN1 (Hamilton Terrace), and the roadside site, AURN2 (Rugby Road, Leamington), thus illustrating that sources of PM<sub>2.5</sub> can be trans-boundary and regionally influenced, and are much wider than just transport.



## 3 Air Quality Monitoring Data and Comparison with Air Quality Objectives and National Compliance

### 3.1 Summary of Monitoring Undertaken

#### 3.1.1 Automatic Monitoring Sites

This section sets out what monitoring has taken place and how it compares with relevant objectives.

Warwick District Council undertook automatic (continuous) monitoring at three sites during 2016. Table A.1 in Appendix A shows the details of the sites. National monitoring results are available online at <https://uk-air.defra.gov.uk/data/>.

Maps showing the location of the monitoring sites are provided in Appendix D. Further details on how the monitors are calibrated and how the data has been adjusted are included in Appendix C.

#### 3.1.2 Non-Automatic Monitoring Sites

Warwick District Council undertook non- automatic (passive) monitoring of NO<sub>2</sub> at 53 sites during 2016, two of which were triplicate or co-located sites. Table A.2 in Appendix A shows the details of all of these locations.

Maps showing the location of the monitoring sites are provided in Appendix D. Further details on Quality Assurance/Quality Control (QA/QC) for the diffusion tubes, including bias adjustments and any other adjustments applied (e.g. “annualisation” and/or distance correction), are included in Appendix C.

### 3.2 Individual Pollutants

The air quality monitoring results presented in this section are, where relevant, adjusted for bias, “annualisation” and distance correction. Further details on adjustments are provided in Appendix C.

#### 3.2.1 Nitrogen Dioxide (NO<sub>2</sub>)

Table A.3 in Appendix A compares the ratified and adjusted monitored NO<sub>2</sub> annual mean concentrations for the past 5 years with the air quality objective of 40µg/m<sup>3</sup>.

For diffusion tubes, the full 2016 dataset of monthly mean values is provided in Appendix B.

Table A.4 in Appendix A compares the ratified continuous monitored NO<sub>2</sub> hourly mean concentrations for the past 5 years with the air quality objective of 200µg/m<sup>3</sup>, not to be exceeded more than 18 times per year.

At the majority of locations, concentrations in 2016 were higher than 2015 and other recent years.

Concentrations above 40µg/m<sup>3</sup> were measured at sixteen diffusion tube monitoring sites. Once corrected for relevant exposure, there were fifteen exceedences of the nitrogen dioxide annual mean objective. One further site, W28, returned a concentration of 39.96µg/m<sup>3</sup>, which when rounded is equal to 40µg/m<sup>3</sup>, though not technically in exceedance in the absolute concentration.

The majority of the above were within the current boundaries of the AQMA, with the following two exceptions.

Diffusion tube W67 is located on Castle Hill, to the west of the Warwick AQMA which currently encompasses each road link feeding Castle Hill, but not that road itself. The site has recorded annual mean concentrations above 40µg/m<sup>3</sup> since installation in 2014. However, the monitoring location is not representative of exposure, and under distance correction<sup>5</sup> to the nearest receptor in the preceding two years, was marginally below the annual mean AQS objective. In 2016 however, there was a 6.2µg/m<sup>3</sup> increase in the monitored concentration at this site, which means that even after distance correction, there was an exceedance of the NO<sub>2</sub> annual mean AQS objective. Accordingly, the Council will proceed to amend the AQMA to include this location should this exceedance be repeated in 2017.

One further location, site W5, was in exceedance of the annual mean AQS objective in 2016, and lies just beyond the southern extent of the Warwick AQMA on Hampton Street. Whilst this is cause for concern, it is possible that this is to some extent an anomaly given that this site has historically been well below the objective. It is likely the exceedance has been caused by a combination of a slightly reduced data capture and one very high monitored concentration in April 2016. By way of comparison, if the high April concentration is removed, the annual mean concentration falls to 37.8µg/m<sup>3</sup>, which whilst still an increase as compared to 2015, is more comparable with preceding concentrations at that site. Additionally, the monitored concentration at W65 (just north of W5 on the same road and closer to the current AQMA) is only 26.4µg/m<sup>3</sup>. WDC will continue to monitor the situation at this

location and will give consideration to amending the AQMA if the exceedance is repeated in next year's monitoring data, but do not propose to amend the current AQMA at this time.

All measured exceedences were below  $60 \mu\text{g}/\text{m}^3$ , which based on the relationship stated in TG(16)<sup>9</sup>, indicates that an exceedence of the 1-hour mean objective at these sites is not likely. No exceedences of the annual mean or the 1-hour mean objectives were measured by the automatic monitoring stations.

### 3.2.2 Particulate Matter (PM<sub>10</sub>)

Table A.5 in Appendix A compares the ratified and adjusted monitored PM<sub>10</sub> annual mean concentrations for the past 5 years with the air quality objective of  $40 \mu\text{g}/\text{m}^3$ .

Table A.6 in Appendix A compares the ratified continuous monitored PM<sub>10</sub> daily mean concentrations for the past 5 years with the air quality objective of  $50 \mu\text{g}/\text{m}^3$ , not to be exceeded more than 35 times per year.

No exceedences of either the annual mean objective or the 24-hour mean PM<sub>10</sub> objective were measured in 2016.

PM<sub>10</sub> concentrations have generally remained relatively stable over the last 5 years, and indeed are very similar to 2015.

### 3.2.3 Particulate Matter (PM<sub>2.5</sub>)

Table A.7 in Appendix A presents the ratified and adjusted monitored PM<sub>2.5</sub> annual mean concentrations for the past 5 years.

No exceedences of the UK PM<sub>2.5</sub> annual mean objective were measured in 2015.

The trend in the last 5 years is broadly consistent, though 2016 saw a marginal reduction in concentrations at both sites.

### 3.2.4 Ozone (O<sub>3</sub>)

Annual reporting is not required for ozone, unless local circumstances indicate that there is a problem. An analysis of monitored ozone concentrations has been included for information.

---

<sup>9</sup> <https://laqm.defra.gov.uk/technical-guidance/>

Table A.8 in Appendix A presents the number of daily maximum O<sub>3</sub> concentrations greater than 100µg/m<sup>3</sup> for 2016, not to be exceeded more than 10 times in a year.

## Appendix A: Monitoring Results

**Table A.1 – Details of Automatic Monitoring Sites**

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Inlet Height (m)
AURN1	Hamilton Terrace, Leamington Spa	Urban Background	431943	265730	NO <sub>2</sub> , O <sub>3</sub> , C <sub>6</sub> H <sub>6</sub> , PM <sub>10</sub> , PM <sub>2.5</sub>	NO	Chemiluminescence, Ultra-violet fluorescence (UVF), FDMS	9	50	4
CM1	Pageant House, Warwick	Roadside	428263	264877	NO <sub>2</sub>	YES	Chemiluminescence	13	2.8	N/a
AURN2	Rugby Road, Leamington Spa	Roadside	431271	266404	NO <sub>2</sub> , PM <sub>10</sub> , PM <sub>2.5</sub>	NO	Chemiluminescence, FDMS	23	8	3.5

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

Table A.2 – Details of Non-Automatic Monitoring Sites

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube collocated with a Continuous Analyser?	Height (m)
<b>Warwick</b>										
W5	Hampton Street (3)	Roadside	427615	264563	NO <sub>2</sub>	N	Y	2	N	1.5
W17	Coventry Road (Woodville Road)	Kerbside	428704	265236	NO <sub>2</sub>	N	N	1	N	1.5
W18	Coventry Road (Coachouse Mews)	Roadside	428735	265362	NO <sub>2</sub>	N	N	1.5	N	1.5
W19	West Street Torry's	Roadside	427937	264586	NO <sub>2</sub>	N	N	3.2	N	1.5
W33-35	Pageant House	Roadside	428263	264877	NO <sub>2</sub>	Y	Y	2.8	Y	1.5
W36	Jury Street	Roadside	428391	264966	NO <sub>2</sub>	Y	N (1m)	2.1	N	1.5
W37	High Street	Roadside	428132	264799	NO <sub>2</sub>	Y	Y	2.9	N	1.5
W38	West Street	Kerbside	427959	264624	NO <sub>2</sub>	N	N	0.6	N	1.5
W39	Crompton Street/ West Street	Roadside	427910	264541	NO <sub>2</sub>	N	Y	4.1	N	1.5
W40	Bowling Green Street	Kerbside	427992	264695	NO <sub>2</sub>	Y	Y	0.9	N	1.5
W41	Friars Street	Roadside	427905	264682	NO <sub>2</sub>	N	N	1	N	1.5
W42	Theatre Street	Roadside	427938	264947	NO <sub>2</sub>	Y	Y	2.3	N	4.5
W43	Saltisford/northgate	Roadside	428026	265158	NO <sub>2</sub>	Y	Y	1.5	N	2.5
W44	West Rock	Roadside	427930	265200	NO <sub>2</sub>	Y	N	2.3	N	2.6
W45	Albert Street/satilsford Junction	Roadside	427867	265275	NO <sub>2</sub>	Y	Y	2.7	N	2.5
W46	The Butts	Roadside	428240	265088	NO <sub>2</sub>	Y	N	1.6	N	2.5
W48	Smith Street	Roadside	428522	265039	NO <sub>2</sub>	Y	Y	2	N	3

# Warwick District Council

W49	Gerrard Street	Roadside	428501	264967	NO <sub>2</sub>	N	Y	1.8	N	2.6
W50	St Nicholas' Church St 1.	Roadside	428600	264983	NO <sub>2</sub>	N	Y	1.7	N	2.6
W51	St Mary's Churchyard	Urban Background	428270	264982	NO <sub>2</sub>	N	N	n/a	N	n/a
W52	Coventry Road/crown Hotel	Kerbside	428710	265165	NO <sub>2</sub>	Y	N (2m)	1	N	2.5
W53	Coventry Road No 1 (Mongomery Court )	Roadside	428715	265202	NO <sub>2</sub>	Y	Y	1.8	N	2.4
W54	Coventry Road No 2 (28 Coventry Road)	Roadside	428715	265285	NO <sub>2</sub>	N	Y	1.9	N	2.4
W55	Coventry Road No 3 (Great Western Arms)	Roadside	428710	265341	NO <sub>2</sub>	N	N	1.2	N	2.5
W56	St Johns	Roadside	428619	265113	NO <sub>2</sub>	N	N	1.1	N	2.5
W57	Coten End	Roadside	428748	265166	NO <sub>2</sub>	N	Y	3	N	2.5
W58	Emscote Road	Roadside	429514	265469	NO <sub>2</sub>	N	N	3.8	N	n/a
W59	Charles Street	Roadside	429501	265494	NO <sub>2</sub>	N	N	2	N	n/a
W60	Bridge Street	Roadside	430015	265718	NO <sub>2</sub>	N	N	2.4	N	n/a
W61	Greville Road	Roadside	429974	265733	NO <sub>2</sub>	N	N	5.4	N	n/a
W62	St Nicholas' Church St. 2	Roadside	428608	265042	NO <sub>2</sub>	Y	Y	2.1	N	3
W65	Hampton Street (2)	Roadside	427680	264607	NO <sub>2</sub>	N	Y	4.3	N	n/a
W67	Castle Hill	Roadside	428477	264939	NO <sub>2</sub>	N	N (1.2m)	3.2	N	2.5
<b>Leamington Spa</b>										
W1	Bath Street	Kerbside	431978	265280	NO <sub>2</sub>	Y	Y	0.7	N	1.5
W2	High Street	Roadside	432075	265234	NO <sub>2</sub>	Y	Y	2.2	N	1.5
W6-8	Hamilton Terrace	Urban Background	431943	285730	NO <sub>2</sub>	N	N	n/a	N	1.5
W10	Farley Street	Roadside	432560	265254	NO <sub>2</sub>	N	N	0.1	N	4.5
W11	Clemens Street	Roadside	432051	265060	NO <sub>2</sub>	Y	N	3.2	N	1.5

W12	Spencer Street	Roadside	426836	260855	NO <sub>2</sub>	Y	N	5	N	1.5
W13	Wise Street	Roadside	431900	265189	NO <sub>2</sub>	Y	Y	1	N	1.5
W14	Tachbrook Road	Roadside	431862	265169	NO <sub>2</sub>	N	N	5.22	N	1.5
W15	Old Warwick Road	Roadside	431849	265193	NO <sub>2</sub>	Y	Y	2	N	1.5
W16	Parade	Roadside	431951	265397	NO <sub>2</sub>	N	N	7.5	N	1.5
<b>Kenilworth</b>										
W23	Moorlands Road Jcn	Roadside	429078	271207	NO <sub>2</sub>	N	N	4.2	N	1.5
W24	Waverley Road	Roadside	428974	271402	NO <sub>2</sub>	Y	N	2.8	N	4.5
W25	New Street No 1	Roadside	428707	272556	NO <sub>2</sub>	Y	Y	0.4	N	1.5
W26	New Street No 2	Roadside	428733	272578	NO <sub>2</sub>	Y	Y	1.7	N	1.5
W27	New Street No 3	Kerbside	428750	272612	NO <sub>2</sub>	N	N	1.1	N	4.5
W28	Fieldgate Lane Jcn	Roadside	428652	272524	NO <sub>2</sub>	Y	Y	0.7	N	4.5
W30	The Square	Roadside	428714	271769	NO <sub>2</sub>	N	Y	3.4	N	4.5
W31	Barrow Road	Kerbside	428816	271618	NO <sub>2</sub>	Y	N	1.4	N	4.5
W32	Warwick Road	Roadside	428906	271497	NO <sub>2</sub>	Y	Y	1.3	N	1.5
<b>Stoneleigh</b>										
W68	Birmingham Road	Roadside	432931	272790	NO <sub>2</sub>	N	Y	3.2	N	n/a

**Notes:**

- (1) 0m if the monitoring site is at a location of exposure (e.g. installed on/adjacent to the façade of a residential property).
- (2) N/A if not applicable.



Table A.3 – Annual Mean NO<sub>2</sub> Monitoring Results

Site ID	Site Type	Monitoring Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2016 (%) <sup>(2)</sup>	NO <sub>2</sub> Annual Mean Concentration (µg/m <sup>3</sup> ) <sup>(3)</sup>				
					2012	2013	2014	2015	2016
Warwick									
CM1	Roadside	Automatic	94.1	94.1	<b><u>60.4</u></b>	39.7	<b>40.1</b>	37.2	31.7
W5	Roadside	DT	91.7	91.7	36.0	32.7	33.8	34.5	<b>40.4</b>
W17	Kerbside	DT	100	100	27.8	29.1	29.1	27.7	29.4
W18	Roadside	DT	100	100	27.9	25.0	24.7	24.7	27.2
W19	Roadside	DT	100	100	32.9	31.4	31	28.4	33.3
W33-35	Roadside	DT	100	100	<b>46.1</b>	<b>40.8</b>	<b>41.3</b>	<b>41.2</b>	<b>44.2</b>
W36	Roadside	DT	100	100	<b>44.6</b>	<b>41.1</b>	<b>43.6</b>	<b>42.2</b>	<b>46.3</b>
W37	Roadside	DT	100	100	36.6	38.3	34.6	37.5	<b>41.0</b>
W38	Kerbside	DT	100	100	36.9	32.6	34.5	34	37.4
W39	Roadside	DT	100	100	27.5	26.8	27.3	27.6	30.7
W40	Kerbside	DT	100	100	<b>42.2</b>	39.8	<b>40</b>	<b>40.7</b>	<b>42.9</b>
W41	Roadside	DT	100	100	26.1	24.8	25.4	22.6	26.7
W42	Roadside	DT	100	100	34.7	32.0	29.4	26.4	33.4
W43	Roadside	DT	100	100	32.5	<b>44.3</b>	<b>45.4</b>	<b>43.4</b>	<b>46.6</b>
W44	Roadside	DT	100	100	31.6	29.9	31.9	28.6	32.5
W45	Roadside	DT	100	100	28.6	26.4	27.8	27.2	29.6
W46	Roadside	DT	100	100	36.4	35.4	34.3	34.2	39.2
W48	Roadside	DT	100	100	36.0	33.5	33.8	32.7	36.0
W49	Roadside	DT	83.3	83.3	24.7	22.9	23.3	22.1	25.3
W50	Roadside	DT	100	100	30.0	29.4	28.7	27.9	30.5
W51	Urban Background	DT	91.7	91.7	19.6	19.3	18.2	17.4	20.2

Warwick District Council

W52	Kerbside	DT	100	100	<b>42.0</b>	<b>41.4</b>	39.4	38.1	<b>41.4</b>
W53	Roadside	DT	100	100	<b>41.0</b>	<b>42.7</b>	<b>41</b>	38.5	<b>44.0</b>
W54	Roadside	DT	100	100	32.5	34.0	32.9	31	34.8
W55	Roadside	DT	100	100	29.4	29.9	28.5	27.3	31.0
W56	Roadside	DT	91.7	91.7	24.7	22.5	22.7	21.3	23.7
W57	Roadside	DT	100	100	31.9	31.4	31.3	30	31.8
W58	Roadside	DT	100	100	33.8	35.0	31.3	29.9	31.0
W59	Roadside	DT	83.3	83.3	<b>40.1</b>	36.3	36.7	34	38.1
W60	Roadside	DT	100	100	31.1	31.2	28.9	27.8	31.6
W61	Roadside	DT	100	100	29.8	27.8	26.4	26.2	29.5
W62	Roadside	DT	66.7	66.7	<b>45.6</b>	<b>43.8</b>	<b>44</b>	<b>42.5</b>	<b>41.5</b>
W65	Roadside	DT	100	100	25.9	24.3	23.2	23.0*	26.4
W67	Roadside	DT	100	100	-	-	<b>41</b>	<b>41.8</b>	<b>48.0</b>
<b>Leamington Spa</b>									
AURN1	Urban Background	Automatic	97.5	97.5	20.7	20.7	19.6	19.3	21.4
AURN2	Roadside	Automatic	95.9	95.9	19.5	21.2	21.1	20.2	20.4
W1	Kerbside	DT	83.3	83.3	<b>44.0</b>	36.3	<b>40</b>	<b>43.4</b>	<b>47.3</b>
W2	Roadside	DT	100	100	39.3	33.5	32.6	38.2	<b>40.4</b>
W6-8	Urban Background	DT	100	100	20.7	19.8	19.2	19.7	21.8
W10	Roadside	DT	100	100	25.4	24.1	24	24.3	26.5
W11	Roadside	DT	100	100	25.5	32.9	23.7	23.2	25.6
W12	Roadside	DT	100	100	35.1	38.0	33.7	33.3	36.6
W13	Roadside	DT	100	100	<b>49.6</b>	<b>42.8</b>	<b>47</b>	<b>48.6</b>	<b>50.4</b>
W14	Roadside	DT	100	100	<b>40.6</b>	39.6	34.5	38.1	39.6
W15	Roadside	DT	100	100	<b>45.2</b>	35.9	<b>41</b>	<b>43.9</b>	<b>45.0</b>
W16	Roadside	DT	100	100	31.6	30.6	28.5	30.7	32.6

Kenilworth									
W23	Roadside	DT	91.7	91.7	33.0	30.7	31.1	30.6	33.6
W24	Roadside	DT	100	100	30.9	30.2	29.7	28.2	30.4
W25	Roadside	DT	75	75	27.0	34.6	34.5	31.3	34.6
W26	Roadside	DT	100	100	23.3	27.1	25.7	24.4	29.0
W27	Kerbside	DT	75	75	39.8	23.1	22.5	21.6	26.1
W28	Roadside	DT	100	100	39.3	37.7	37.8	33.2	<b>40.0</b>
W30	Roadside	DT	100	100	28.1	25.0	26.1	24	27.3
W31	Kerbside	DT	100	100	37.0	37.4	37.6	35.2	37.1
W32	Roadside	DT	100	100	37.2	36.0	35.8	34	37.5
Stoneleigh									
W68	Roadside	DT	100	100	-	-	23.3	23.6	24.7

☒ Diffusion tube data has been bias corrected

☒ Annualisation has been conducted where data capture is <75%

☐ If applicable, all data has been distance corrected for relevant exposure

**Notes:**

Exceedances of the NO<sub>2</sub> annual mean objective of 40µg/m<sup>3</sup> are shown in **bold**.

NO<sub>2</sub> annual means exceeding 60µg/m<sup>3</sup>, indicating a potential exceedance of the NO<sub>2</sub> 1-hour mean objective are shown in **bold and underlined**.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

(3) Means for diffusion tubes have been corrected for bias. All means have been “annualised” as per Boxes 7.9 and 7.10 in LAQM.TG16 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

\* Differs from 2016 ASR as an error was identified in previously submitted data

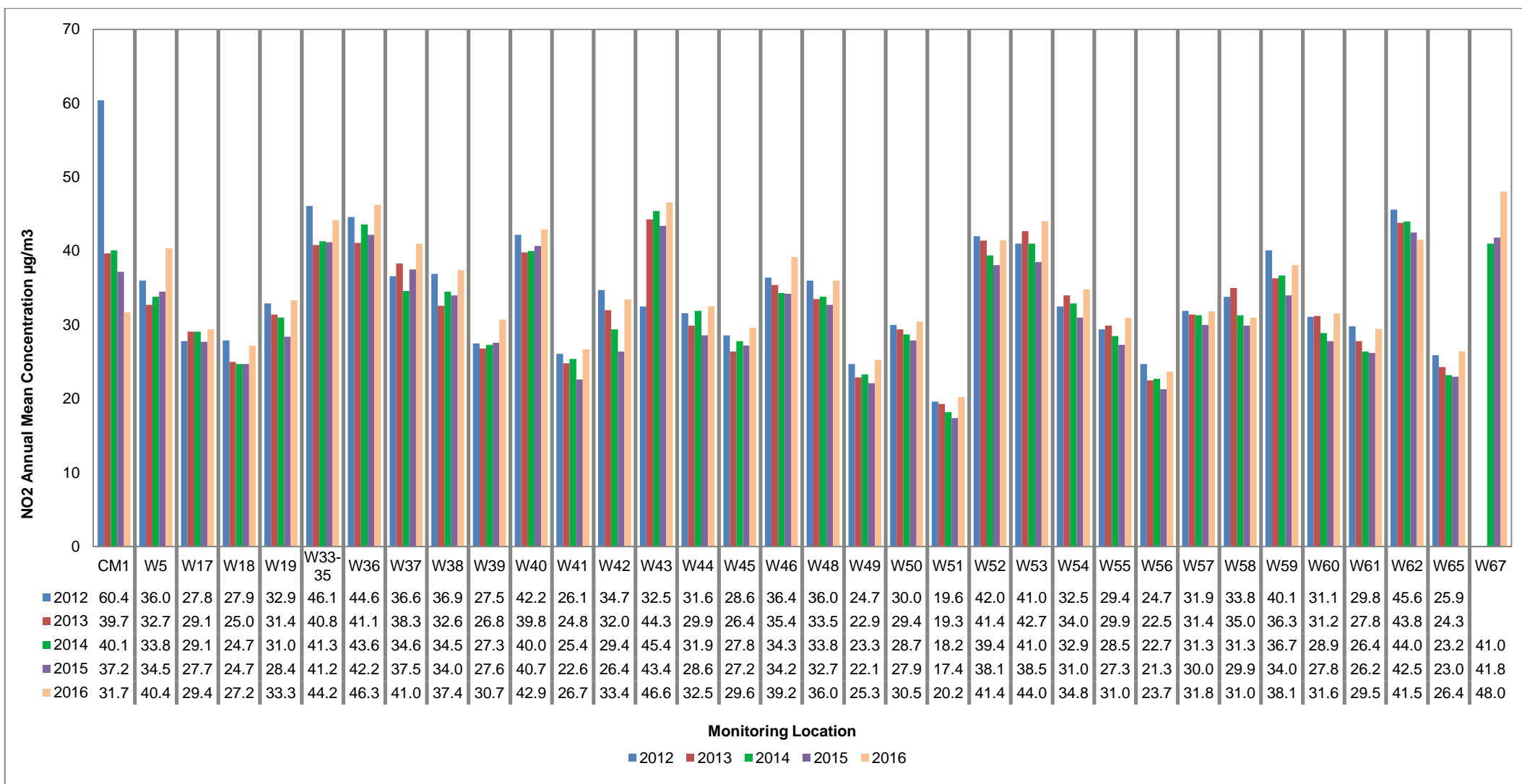
Figure A.1 – Trends in Annual Mean NO<sub>2</sub> Concentrations - Warwick

Figure A.2 - Trends in Annual Mean NO<sub>2</sub> Concentrations - Leamington, Kenilworth and Stoneleigh

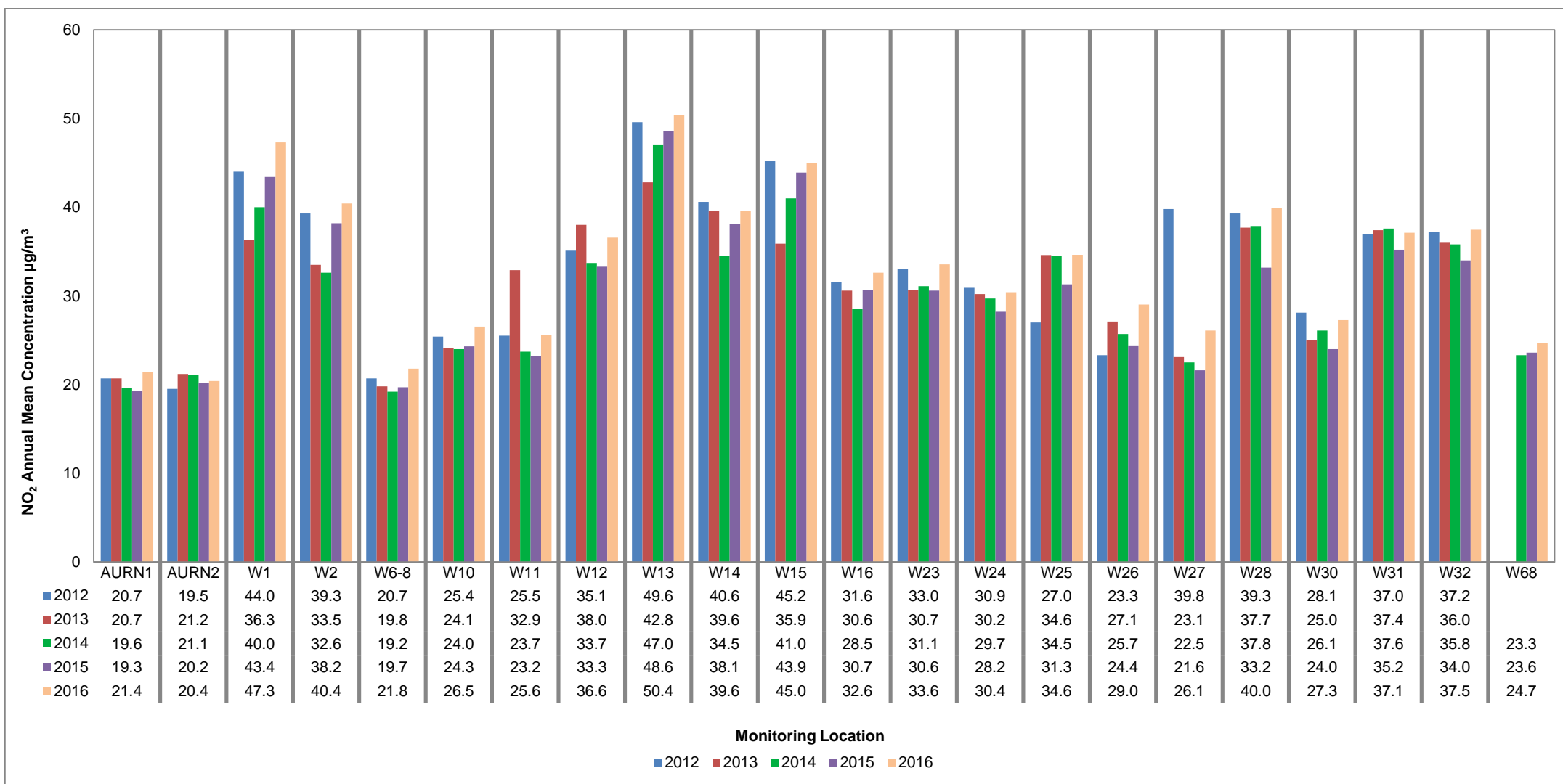


Table A.4 – 1-Hour Mean NO<sub>2</sub> Monitoring Results

Site ID	Site Type	Monitoring Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2016 (%) <sup>(2)</sup>	NO <sub>2</sub> 1-Hour Means > 200µg/m <sup>3</sup> <sup>(3)</sup>				
					2012	2013	2014	2015	2016
AURN1	UB	Automatic	97.5	97.5	0	0 (77)	0(74)	0	0
CM1	RS	Automatic	94.1	94.1	<b>379</b> <sup>(4)</sup>	4	0	0	0
AURN2	RS	Automatic	95.9	95.9	0 (82)	1	0	0	0

**Notes:**

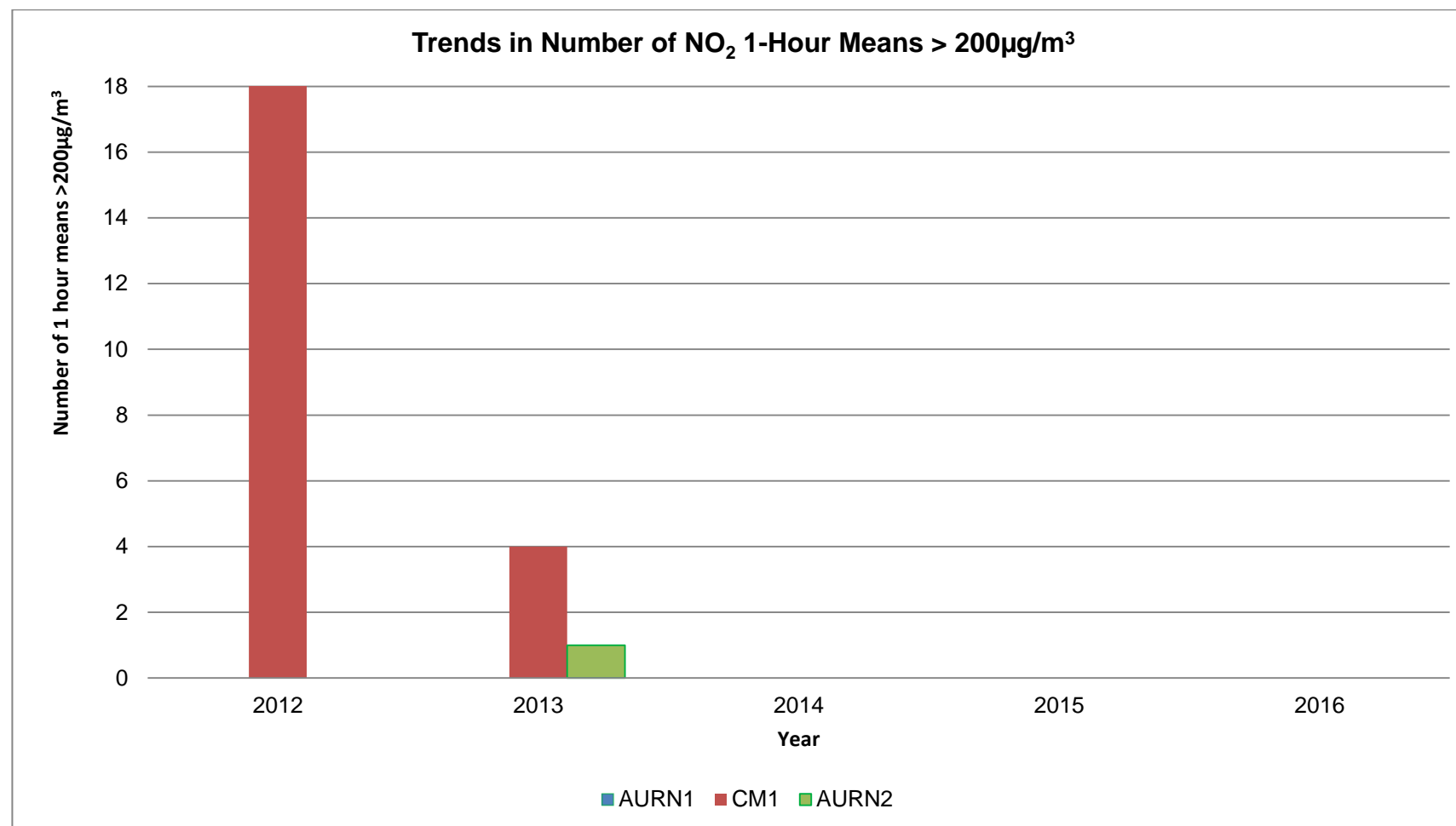
Exceedances of the NO<sub>2</sub> 1-hour mean objective (200µg/m<sup>3</sup> not to be exceeded more than 18 times/year) are shown in **bold**.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

(3) If the period of valid data is less than 85%, the 99.8<sup>th</sup> percentile of 1-hour means is provided in brackets.

(4) All 379 exceedances occurred during the period 1 January to 4 April 2012, during which time the data was considered anomalous. After this period there were no more exceedances.

Figure A.3 – Trends in Number of NO<sub>2</sub> 1-Hour Means > 200µg/m<sup>3</sup>

\* Vertical axis scale only goes to maximum number of allowed exceedances as 2012 value for CM1 considered erroneous

Table A.5 – Annual Mean PM<sub>10</sub> Monitoring Results

Site ID	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2016 (%) <sup>(2)</sup>	PM <sub>10</sub> Annual Mean Concentration (µg/m <sup>3</sup> ) <sup>(3)</sup>				
				2012	2013	2014	2015	2016
AURN1	UB	95.4	95.4	26.3	17.9	15.9	15.3	15.4
AURN2	RS	94.6	94.6	11.6	15.8	14.7	15.3	15.7

☐ Annualisation has been conducted where data capture is <75%

**Notes:**

Exceedances of the PM<sub>10</sub> annual mean objective of 40µg/m<sup>3</sup> are shown in **bold**.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

(3) All means have been “annualised” as per Boxes 7.9 and 7.10 in LAQM.TG16, if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

Table A.6 – 24-Hour Mean PM<sub>10</sub> Monitoring Results

Site ID	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2016 (%) <sup>(2)</sup>	PM <sub>10</sub> 24-Hour Means > 50µg/m <sup>3</sup> <sup>(3)</sup>				
				2012	2013	2014	2015	2016
AURN1	UB	95.4	95.4	4	6 (39)	3	4	4
AURN2	RS	94.6	94.6	0 (20)	6 (29)	1 (30)	2	2

**Notes:**

Exceedances of the PM<sub>10</sub> 24-hour mean objective (50µg/m<sup>3</sup> not to be exceeded more than 35 times/year) are shown in **bold**.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

(3) If the period of valid data is less than 85%, the 90.4<sup>th</sup> percentile of 24-hour means is provided in brackets.



Figure A.4 – Trends in Annual Mean PM<sub>10</sub> Concentrations

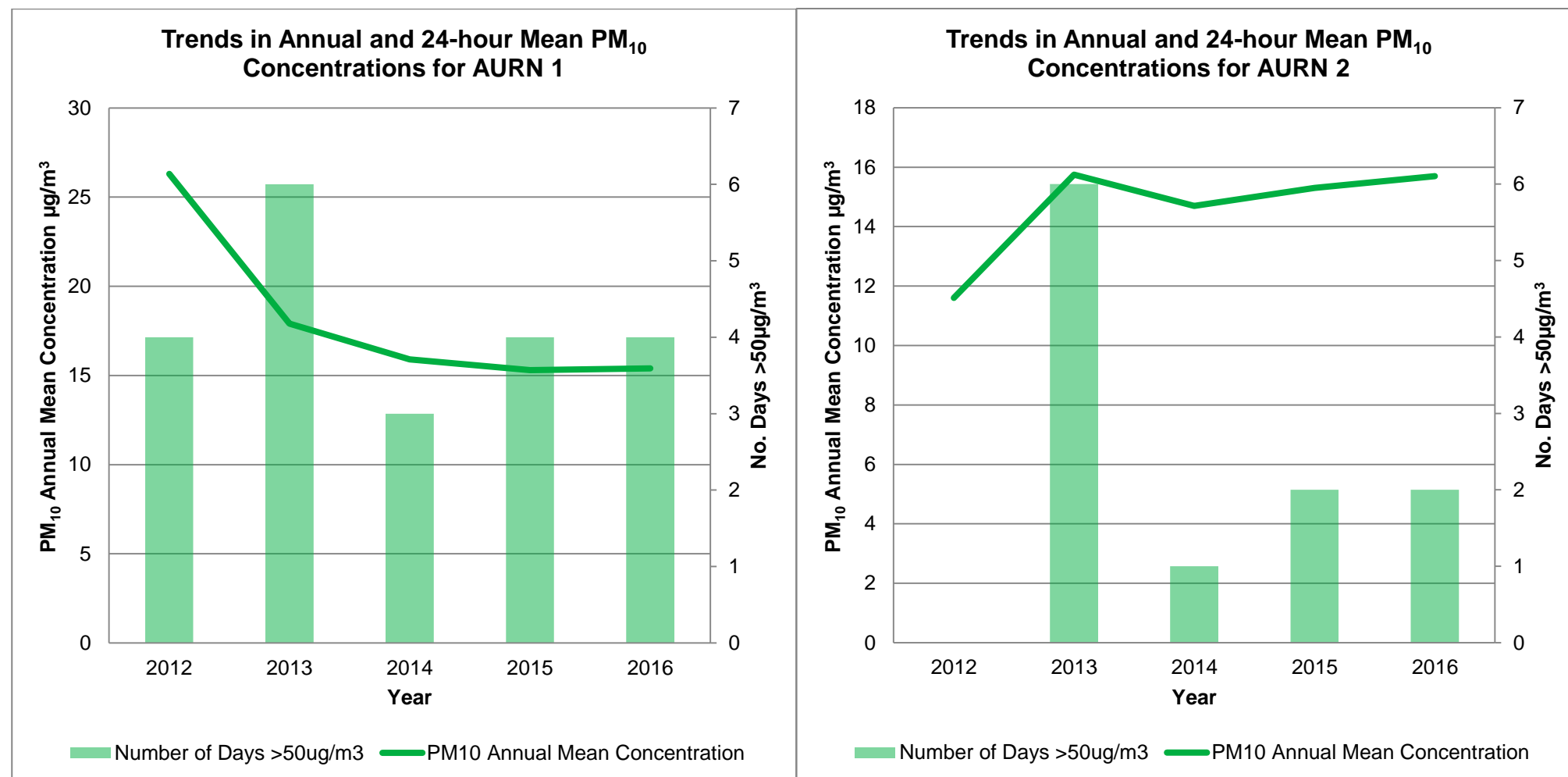


Table A.7 – PM<sub>2.5</sub> Monitoring Results

Site ID	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2016 (%) <sup>(2)</sup>	PM <sub>2.5</sub> Annual Mean Concentration (µg/m <sup>3</sup> ) <sup>(3)</sup>				
				2012	2013	2014	2015	2016
AURN1	UB	96.3	96.3	11.4	13.0	12.9	12.3	10.5
AURN2	RS	95.8	95.8	11.7	12.1	11.2	12.9	9.7

☐ Annualisation has been conducted where data capture is <75%

**Notes:**

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

(3) All means have been “annualised” as per Boxes 7.9 and 7.10 in LAQM.TG16, if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

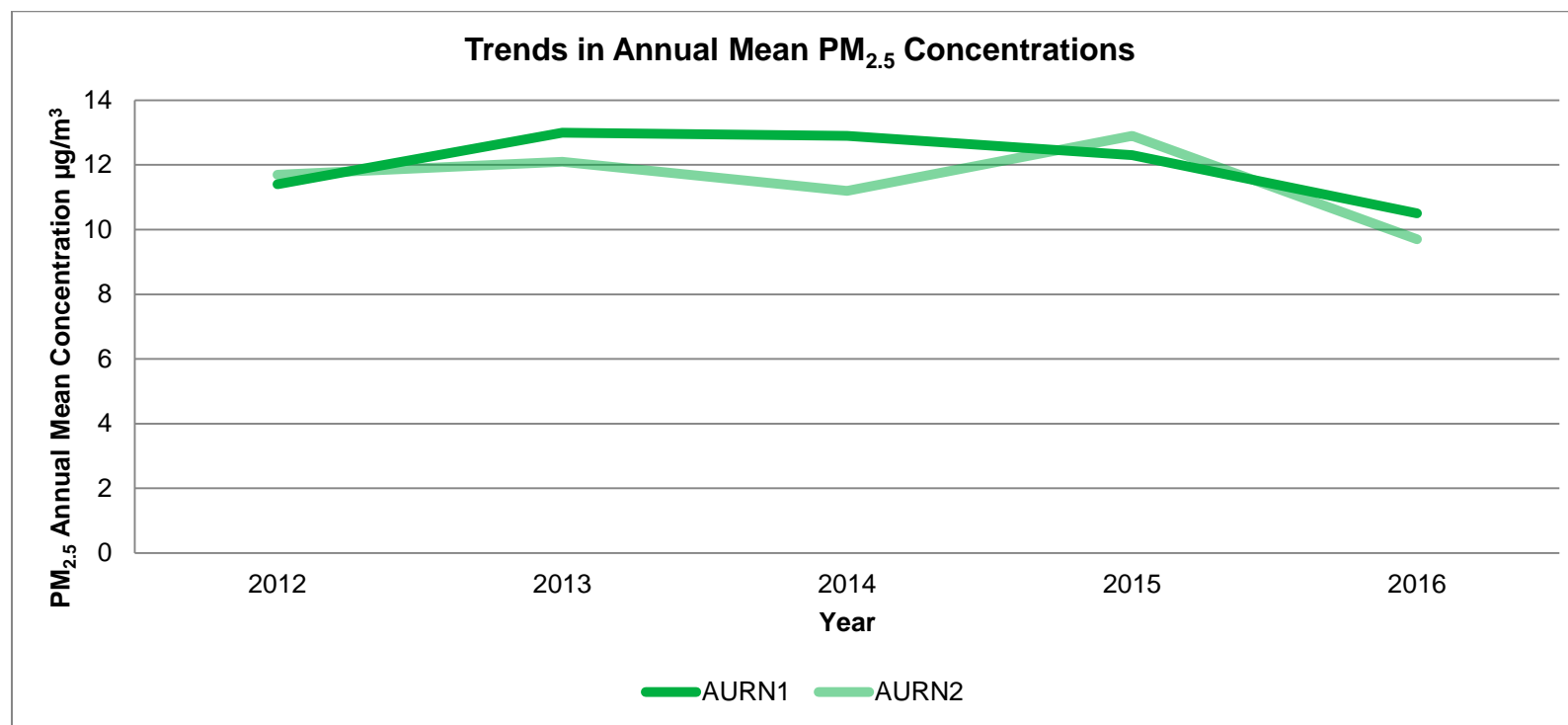
Table A.8 - O<sub>3</sub> Monitoring Results

Site ID	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2016 (%) <sup>(2)</sup>	Ozone Daily maximum 8-Hour Means >100 µg/m <sup>3</sup>				
				2012	2013	2014	2015	2016
AURN1	UB	96.6	96.6	12	30	10	8*	10

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

\*Revision from 2016 ASR due to release of ratified data

Figure A.5 – Trends in Annual Mean PM<sub>2.5</sub> Concentrations

## Appendix B: Full Monthly Diffusion Tube Results for 2016

Table B.1 – NO<sub>2</sub> Monthly Diffusion Tube Results - 2016

Site ID	NO <sub>2</sub> Mean Concentrations (µg/m <sup>3</sup> )														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean		
													Raw Data	Bias Adjusted (0.91) and Annualised <sup>(1)</sup>	Distance Corrected to Nearest Exposure <sup>(2)</sup>
W5	45.0	38.1	-	72.5	36.9	37.2	36.7	29.8	39.1	47.4	54.6	50.8	44.4	40.4	-
W17	35.8	34.8	36.4	29.7	28.2	27.8	27.3	23.7	29.5	31.3	41.0	42.6	32.3	29.4	-
W18	32.0	28.2	29.9	25.1	25.5	25.0	28.2	23.2	30.6	33.1	39.2	38.5	29.9	27.2	-
W19	40.6	35.7	35.9	34.6	30.4	33.5	34.3	30.8	36.1	38.6	47.3	41.9	36.6	33.3	-
W33	55.6	51.0	44.2	43.4	45.2	42.9	43.5	40.7	42.6	52.1	55.9	60.5	48.1	43.8	-
W34	59.2	54.4	45.7	36.5	42.9	42.7	48.5	43.4	45.0	52.7	53.0	64.6	49.1	44.6	-
W35	56.7	50.8	46.1	38.5	41.9	41.0	51.1	41.9	46.1	49.7	54.0	63.2	48.4	44.1	-
W36	51.4	57.1	47.2	41.8	45.0	47.3	52.0	37.1	42.8	52.6	68.4	67.2	50.8	46.3	43.5
W37	45.1	42.3	48.3	44.1	43.7	39.2	35.8	35.2	41.5	49.6	65.7	50.3	45.1	41.0	-
W38	44.0	43.1	42.8	37.5	38.6	36.8	36.4	31.9	40.8	43.4	49.0	48.9	41.1	37.4	-
W39	37.2	36.0	37.7	35.4	26.8	26.3	35.8	24.4	31.0	36.7	41.8	36.1	33.8	30.7	-
W40	56.2	51.3	43.8	43.8	40.1	39.1	52.0	39.8	44.8	46.1	52.9	55.9	47.2	42.9	-
W41	26.3	32.4	33.7	25.2	24.9	26.2	25.2	19.5	28.4	32.5	38.9	38.9	29.3	26.7	-
W42	31.0	39.3	38.8	33.6	30.6	33.5	38.8	26.0	34.3	42.2	47.5	45.3	36.7	33.4	-
W43	42.5	56.5	53.0	48.8	44.6	47.9	45.1	46.8	52.1	60.5	61.8	54.5	51.2	46.6	-

# Warwick District Council

W44	39.1	38.7	38.1	34.9	27.6	31.7	29.6	25.9	35.7	37.7	44.6	45.2	35.7	32.5	-
W45	37.1	35.7	28.6	30.8	27.6	31.8	28.8	23.5	32.9	31.4	42.3	40.2	32.6	29.6	-
W46	42.7	47.7	48.2	39.6	37.1	38.0	34.2	29.5	37.9	47.8	61.7	52.4	43.1	39.2	-
W48	43.5	48.8	38.3	31.2	28.7	34.8	34.9	31.9	38.7	38.9	52.0	52.9	39.6	36.0	-
W49	32.3	28.4	28.5	20.2	21.6	21.9	21.4	-	-	28.7	35.9	38.8	27.8	25.3	-
W50	37.2	34.1	35.6	32.9	31.4	30.8	26.6	23.9	31.2	38.3	41.1	38.7	33.5	30.5	-
W51	24.7	23.8	23.9	19.0	15.4	16.0	-	13.2	19.4	26.5	31.9	30.8	22.2	20.2	-
W52	41.3	40.5	50.1	43.4	43.8	44.4	40.7	37.6	44.6	52.2	54.1	53.6	45.5	<b>41.4</b>	38.1
W53	48.9	47.9	45.2	43.5	48.7	52.2	42.1	41.9	49.7	54.0	55.2	51.2	48.4	<b>44.0</b>	-
W54	38.3	39.5	40.3	32.8	36.2	37.3	32.8	30.9	36.5	41.0	46.8	46.7	38.3	34.8	-
W55	31.1	35.1	31.6	27.7	30.2	34.3	32.7	28.4	37.2	37.3	41.7	41.1	34.0	31.0	-
W56	30.7	27.0	27.8	23.3	21.7	22.7	20.5	18.2	25.1	30.8	-	38.5	26.0	23.7	-
W57	38.3	38.3	33.0	33.2	32.4	18.9	34.4	30.2	35.7	38.9	44.7	41.7	35.0	31.8	-
W58	40.6	40.1	35.8	30.5	31.0	14.5	32.0	28.5	35.9	35.8	38.7	45.2	34.1	31.0	-
W59	47.3	43.5	43.3	-	-	37.6	40.4	34.1	39.7	39.8	52.3	40.5	41.9	38.1	-
W60	31.4	35.8	36.1	33.2	32.9	33.7	27.5	26.6	32.9	42.8	42.4	41.0	34.7	31.6	-
W61	35.6	30.8	33.5	29.3	26.9	28.9	29.9	22.2	31.6	35.8	42.5	41.5	32.4	29.5	-
W62	47.5	49.9	49.6	46.8	-	50.2	-	-	-	53.0	62.9	59.1	52.4	<b>41.5</b>	-
W65	32.0	32.3	30.1	25.3	23.2	23.8	29.0	18.6	26.3	30.9	36.9	40.3	29.1	26.4	-
W67	49.5	54.8	64.1	48.5	52.7	51.5	41.5	43.3	51.6	60.4	55.2	60.5	52.8	<b>48.0</b>	<b>45.3</b>
W1	61.7	60.9	-	-	43.0	45.3	55.2	40.1	47.8	45.4	61.5	59.1	52.0	<b>47.3</b>	-
W2	48.2	44.4	40.0	44.8	43.0	39.8	40.3	38.0	42.9	46.6	51.3	53.6	44.4	<b>40.4</b>	-
W6	29.2	28.2	23.9	18.8	15.8	15.7	19.4	14.0	22.7	24.9	33.6	31.7	23.2	21.1	-
W7	29.4	28.6	25.2	19.3	15.5	17.1	19.4	26.8	21.2	24.6	32.2	33.2	24.4	22.2	-
W8	29.2	28.3	24	17.4	13.4	16.3	22.4	26.8	22.3	24.7	33.3	33.7	24.3	22.1	-
W10	35.8	31.1	29.7	24.7	22.3	24	25.6	20.1	26.1	31	38.9	40.5	29.2	26.5	-
W11	27.5	29.8	34.5	24.2	23.0	23.7	27.9	17.6	27.7	30.8	37.6	32.9	28.1	25.6	-

## Warwick District Council

W12	42.5	47.9	36.4	35.2	32.5	36.2	39.8	31.1	38.3	42.1	49.8	50.3	40.2	36.6	-
W13	68.4	61.6	47.2	45.6	50.4	50.5	55.4	47.8	52.3	53.8	65.0	66.0	55.3	<b>50.4</b>	-
W14	38.5	44.7	38.6	43.4	40.7	41.3	48.0	38.8	39.8	47.8	50.9	49.3	43.5	39.6	-
W15	56.6	62.7	39.7	36.7	41.8	42.3	52.9	44.7	46.9	54.2	56.4	58.4	49.4	<b>45.0</b>	-
W16	43.2	39.0	33.9	28.6	30.0	31.1	35.7	27.7	33.7	36.2	46.0	44.9	35.8	32.6	-
W23	41.7	36.8	39.2	29.6	32.9	30.4	32.8	-	34.4	36.6	45.3	46.0	36.9	33.6	-
W24	35.8	36.1	36.7	32.9	28.6	30.3	24.8	22.3	30.2	39.4	41.6	42.4	33.4	30.4	-
W25	40.0	42.2	-	38.4	33.9	-	31.5	29.2	-	45.5	40.4	41.3	38.0	34.6	-
W26	38.4	37.5	32.1	26.0	24.2	24.3	35.8	23.1	29.4	31.6	39.7	40.5	31.9	29.0	-
W27	31.0	29.2	26.9	24.6	-	-	26.3	18.2	-	30.2	35.7	35.8	28.7	26.1	-
W28	40.9	51.5	40.1	39.0	38.1	43.7	37.1	34.1	43.1	48.5	54.2	56.6	43.9	<b>40.0</b>	-
W30	34.9	35.1	30.4	26.3	21.5	25.8	28.2	20.7	30.3	30.6	35.5	40.2	30.0	27.3	-
W31	47.6	47.3	40.3	32.9	34.8	36.4	38.8	33.6	40.3	41.5	49.2	46.9	40.8	37.1	-
W32	39.7	40.2	44.6	38.8	37.6	43.2	32.2	32.2	38.2	47.6	50.3	49.4	41.2	37.5	-
W68	33.5	32.3	27.9	23.8	20.6	23.4	22.4	20.2	25.4	27.6	35.4	33.1	27.1	24.7	-

☐ Local bias adjustment factor used

☒ National bias adjustment factor used

☒ Annualisation has been conducted where data capture is <75%

### Notes:

Exceedances of the NO<sub>2</sub> annual mean objective of 40µg/m<sup>3</sup> are shown in **bold**.

NO<sub>2</sub> annual means exceeding 60µg/m<sup>3</sup>, indicating a potential exceedance of the NO<sub>2</sub> 1-hour mean objective are shown in **bold and underlined**.

(1) See Appendix C for details on bias adjustment and annualisation.

(2) Distance corrected to nearest relevant public exposure.

## Appendix C: Supporting Technical Information / Air Quality Monitoring Data QA/QC

### QA/QC of automatic monitoring

All automatic monitoring sites in Warwick, other than Rugby Road, are calibrated by the Council's Local Site Operator (LSO). The QA/QC of the two Leamington Spa sites is undertaken through its status as part of the AURN and therefore conforms to AURN standards (undertaken by Ricardo-Energy and Environment). WeCare4Air is responsible for the servicing and call out contract for Hamilton Terrace and Jury Street and provides data management for Jury Street. The service contract for Rugby Road is arranged by Bureau Veritas and Defra and is provided by Enviro Technology Services.

### QA/QC of diffusion tube monitoring

Warwick District Council uses Staffordshire Scientific Services (SSS) for its diffusion tube analysis. These tubes are prepared using the 20% TEA in water method.

Staffordshire Scientific Services was assessed as part of the AIR scheme. AIR is an independent analytical proficiency-testing (PT) scheme, operated by LGC Standards and supported by the Health and Safety Laboratory (HSL). AIR PT is a new scheme, started in April 2014, which combines two long running PT schemes: LGC Standards STACKS PT scheme and HSL WASP PT scheme.

Defra and the Devolved Administrations advise that diffusion tubes used for Local Air Quality Management should be obtained from laboratories that have demonstrated satisfactory performance in the AIR PT scheme. Laboratory performance in AIR PT is also assessed, by the National Physical Laboratory (NPL), alongside laboratory data from the monthly NPL Field Intercomparison Exercise carried out at Marylebone Road, central London. A laboratory is assessed and given a 'z' score. A score of 2 or less indicates satisfactory laboratory performance.

SSS's performance for 2016 is covered by rounds 12-16 of AIR PT. In rounds 12 and 13, 75% of samples had a Z score below 2. For round 15, 100% of samples submitted had a Z score below 2, and for round 16 no results were reported. The 5 round rolling average of rounds 10-16 for SSS (when samples are returned) is

81.3%, below the 95% recommended, indicating the laboratory may have some element of systematic bias in their assay.

## Diffusion Tube Bias Adjustment

The bias adjustment factor for SSS in 2016, obtained from the national bias adjustment spreadsheet (v06/17) is 0.91 (based on 12 studies).

Bias adjustment factors are also available for two co-location studies at the automatic monitoring sites Hamilton Terrace in Leamington Spa and Pageant House in Warwick, as shown in Figure C.1 and Figure C.2.

The bias adjustment factor obtained from the national bias adjustment spreadsheet has been applied to all 2016 concentrations as this is based on a larger number of studies. The national factor is equal to the local factor for Hamilton Terrace (AURN 1), but provides a much more conservative adjustment factor than that derived from Pageant House (CM1).

**Figure C.1 - Leamington Spa Hamilton Terrace Local Bias Adjustment**

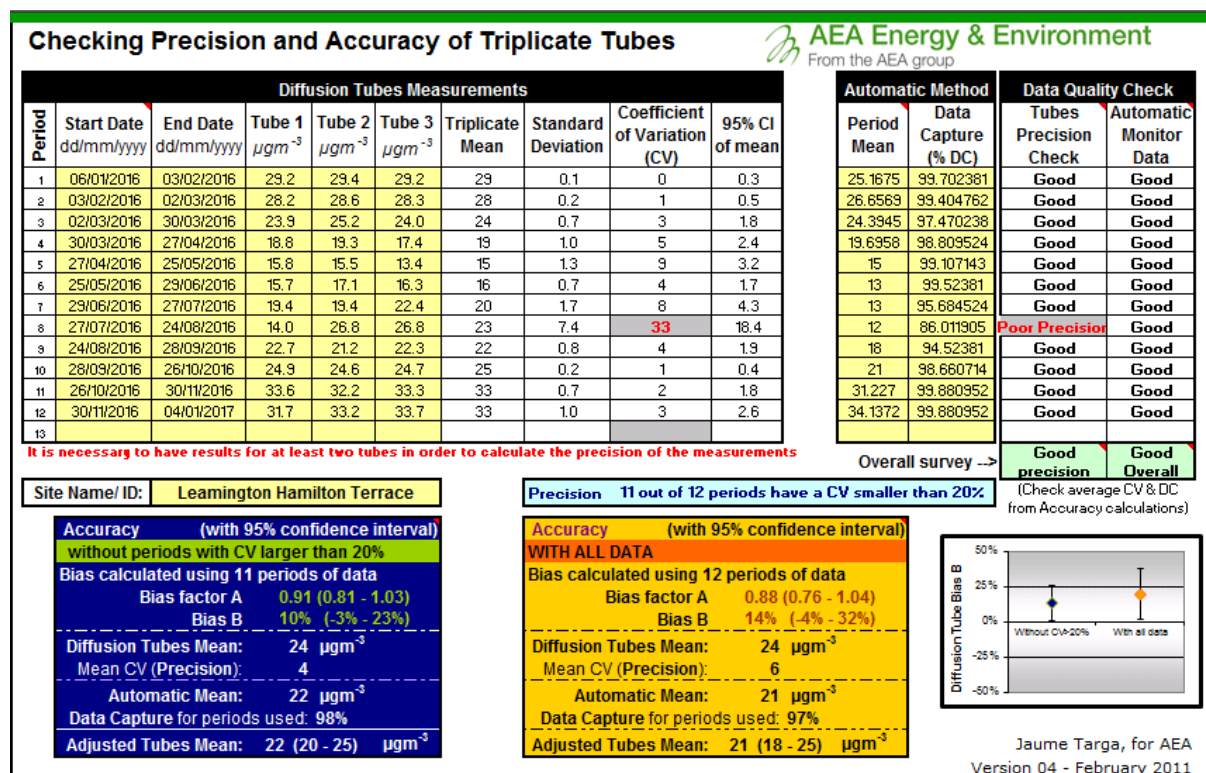
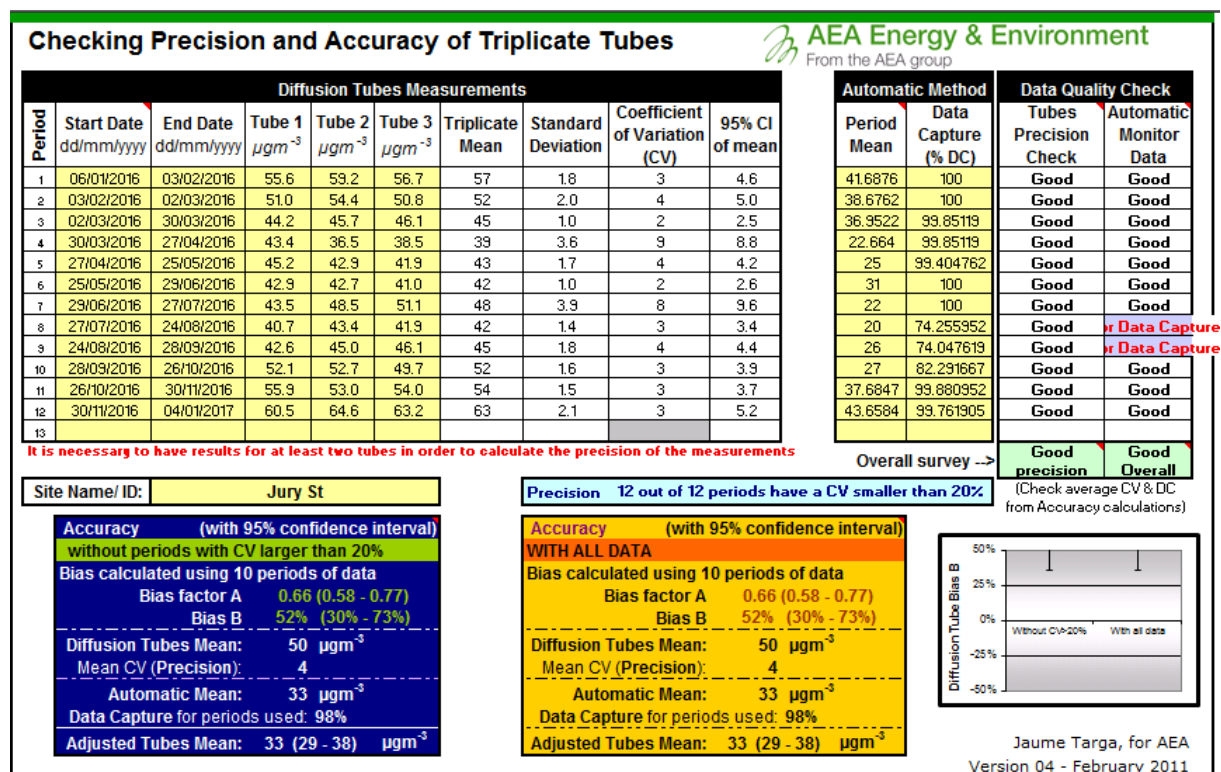




Figure C.2 - Jury St/Pageant House Warwick Local Bias Adjustment



### Short to Long term data adjustment; Annualisation

In 2016, only one monitoring location, W62, fell below 75% data capture. In accordance with the methodology in Box 7.10 of LAQM.TG(16)<sup>9</sup>, this site has therefore been annualised for comparison with the NO<sub>2</sub> annual mean AQS objective.

The data have been adjusted to an annual mean, based on the ratio of concentrations during the monitoring period for that site to those over the 2016 calendar year at the nearest background automatic monitoring sites. Four AURN urban background monitoring sites were considered for Annualisation; Leamington Spa, Birmingham Acocks Green, Coventry Allesley and Northampton Kingsthorpe. However Northampton Kingsthorpe did not have sufficient data capture to provide an annualisation factor and therefore was not included. The resultant factor was 0.872, which was applied to the bias corrected concentrations for W62 to give the final annual mean concentration. The annualisation calculations are summarised below in Table C.1.



Table C.1 - Annualisation Factor Calculation

W62				
Site	Site Type	Annual Mean ( $\mu\text{g}/\text{m}^3$ )	Period Mean ( $\mu\text{g}/\text{m}^3$ )	Ratio Annual Mean / Period Mean
Leamington Spa Hamilton	Urban Background	21.5	24.6	0.873
Birmingham Acocks Green	Urban Background	21.3	24.7	0.863
Coventry Allesley	Urban Background	22.5	25.6	0.879
Northampton Kingsthorpe	Urban Background	16.0	20.3	Insufficient Data
Average Ratio				<b>0.872</b>

### NO<sub>2</sub> Fall-off with distance from the road



Wherever possible, local authorities should ensure that monitoring locations are representative of exposure. However, where this is not possible, the NO<sub>2</sub> concentration at the nearest location relevant for exposure should be estimated, using the NO<sub>2</sub> fall-off with distance calculator<sup>5</sup> available on the LAQM Support website.

This has been done for three locations (W36, W52 and W67) where the monitoring site is not strictly representative of exposure, and the concentrations are greater than  $40\mu\text{g}/\text{m}^3$ , to identify whether elevated monitored concentrations constitute an exceedance of the annual mean NO<sub>2</sub> AQS objective. The summaries of the adjustments undertaken using the tool are presented in Figure C.3, Figure C.4 and Figure C.5. Background concentrations are taken from the Defra 2013-based background maps, also available on the LAQM website.

Figure C.3 - W36 NO<sub>2</sub> fall-off with distance from the road





Enter data into the red cells

Step 1	How far from the KERB was your measurement made (in metres)?	2.1	metres
Step 2	How far from the KERB is your receptor (in metres)?	3.1	metres
Step 3	What is the local annual mean background NO <sub>2</sub> concentration (in µg/m <sup>3</sup> )?	15.6	µg/m <sup>3</sup>
Step 4	What is your measured annual mean NO <sub>2</sub> concentration (in µg/m <sup>3</sup> )?	46.3	µg/m <sup>3</sup>
Result	The predicted annual mean NO <sub>2</sub> concentration (in µg/m <sup>3</sup> ) at your receptor	43.5	µg/m <sup>3</sup>

Figure C.4 - W52 NO<sub>2</sub> fall-off with distance from the road



Enter data into the red cells

Step 1	How far from the KERB was your measurement made (in metres)?	1	metres
Step 2	How far from the KERB is your receptor (in metres)?	2	metres
Step 3	What is the local annual mean background NO <sub>2</sub> concentration (in µg/m <sup>3</sup> )?	17.9	µg/m <sup>3</sup>
Step 4	What is your measured annual mean NO <sub>2</sub> concentration (in µg/m <sup>3</sup> )?	41.4	µg/m <sup>3</sup>
Result	The predicted annual mean NO <sub>2</sub> concentration (in µg/m <sup>3</sup> ) at your receptor	38.1	µg/m <sup>3</sup>

Figure C.5 - W67 NO<sub>2</sub> fall-off with distance from the road



Enter data into the red cells

Step 1	How far from the KERB was your measurement made (in metres)?	3.2	metres
Step 2	How far from the KERB is your receptor (in metres)?	4.4	metres
Step 3	What is the local annual mean background NO <sub>2</sub> concentration (in µg/m <sup>3</sup> )?	15.6	µg/m <sup>3</sup>
Step 4	What is your measured annual mean NO <sub>2</sub> concentration (in µg/m <sup>3</sup> )?	48	µg/m <sup>3</sup>
Result	The predicted annual mean NO <sub>2</sub> concentration (in µg/m <sup>3</sup> ) at your receptor	45.3	µg/m <sup>3</sup>

### PM Monitoring Adjustment

PM<sub>10</sub> and PM<sub>2.5</sub> have been measured using an FDMS monitor and therefore no adjustment is required.

Appendix D: Maps of Monitoring Locations and AQMAs

Figure D.1 - Air Quality Monitoring Locations - Leamington Spa Centre

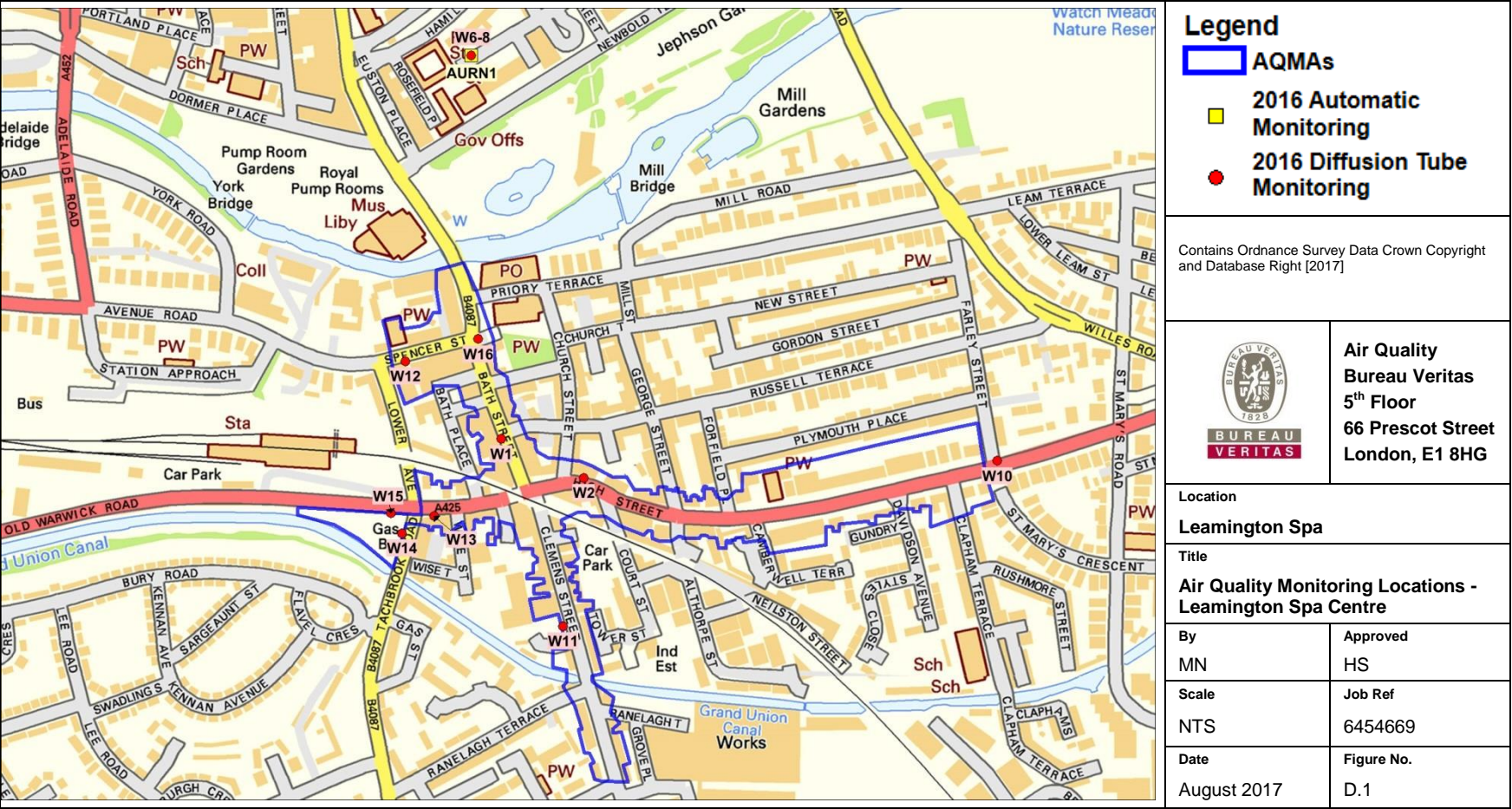




Figure D.2 - Air Quality Monitoring Locations - Leamington Spa Rugby Road



Figure D.3 - Air Quality Monitoring Locations - Warwick

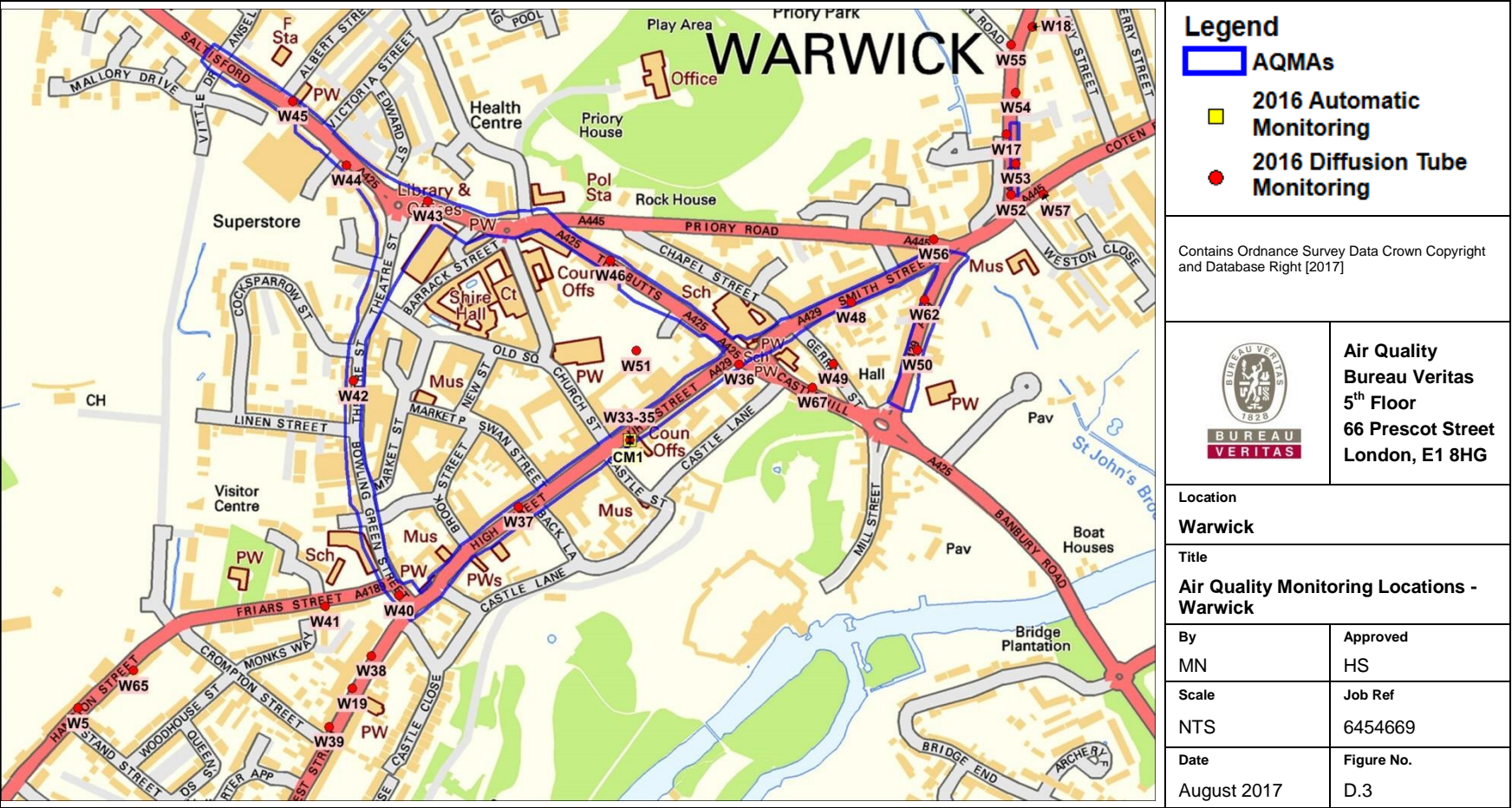




Figure D.4 - Air Quality Monitoring Locations - Kenilworth





Figure D.5 Air Quality Monitoring Locations - Stoneleigh



## Appendix E: Summary of Air Quality Objectives in England

Table E.1 – Air Quality Objectives in England

Pollutant	Air Quality Objective <sup>10</sup>	
	Concentration	Measured as
Nitrogen Dioxide (NO <sub>2</sub> )	200 µg/m <sup>3</sup> not to be exceeded more than 18 times a year	1-hour mean
	40 µg/m <sup>3</sup>	Annual mean
Particulate Matter (PM <sub>10</sub> )	50 µg/m <sup>3</sup> , not to be exceeded more than 35 times a year	24-hour mean
	40 µg/m <sup>3</sup>	Annual mean
Sulphur Dioxide (SO <sub>2</sub> )	350 µg/m <sup>3</sup> , not to be exceeded more than 24 times a year	1-hour mean
	125 µg/m <sup>3</sup> , not to be exceeded more than 3 times a year	24-hour mean
	266 µg/m <sup>3</sup> , not to be exceeded more than 35 times a year	15-minute mean
Ozone (O <sub>3</sub> )	Number of days with daily maximum of running 8-hour mean exceeding 100 µg/m <sup>3</sup> , not to be exceeded more than 10 times a year	Running 8-hour mean

<sup>10</sup> The units are in microgrammes of pollutant per cubic metre of air (µg/m<sup>3</sup>).

## Appendix F: New Developments/Emissions Sources

The following developments have been granted planning consent:

**Table F.1 - Planning Applications**

ID	Location	Description	Status	Within AQMA?	Air Quality Considerations
W/16/0801	Former North Leamington School, Cloister Way, Leamington Spa	Demolition of existing buildings and erection of 44 dwellings	GRANTED 09/11/2016	No	The proposed development represents a less intensive use and would have a negligible impact on the adjacent highway network.
W/16/1987	Land on the west side of Southam Road, Radford Semele, Leamington Spa	Approval of reserved matters under planning permission no. W/15/1761 for a residential development of 25 no. dwelling	GRANTED 26/05/2017	No	Air quality impacts not significant-
W/16/1139	Talisman Square, Warwick Road, Kenilworth	Mixed use development comprising 1533sqm of retail floor space at ground floor and 65 residential units (mix of cluster flats and studio rooms) above	GRANTED 06/12/2016	No, just outside Warwick Road Kenilworth	Removal of existing car park to reduce traffic numbers and the proposals are therefore not considered to have a detrimental impact on air quality
W/15/0795	Lord Leycester Hotel, 17-19 Jury Street, Warwick CV34 4EJ	Demolition of existing extensions to rear, renovation and change of use of remaining building to form 11 no. self-contained flats and one commercial unit to ground floor and the erection of 10 no. dwellings to the rear.	GRANTED 19/08/2015	Yes, Warwick AQMA	Specific consideration given to ventilation strategy for new residents

In relation to the new developments listed, all are examined through the planning system and air quality assessments requested where relevant. These assessments investigate both the impacts of traffic generated by the development, and the impacts of existing sources of pollution on new residents. Where necessary, mitigation is requested. Monitoring within and around the current AQMAs should track any adverse impacts from these developments and allow WDC to respond accordingly, if necessary.

The Council is also aware of one application (W/17/0992) for which retrospective planning permission is being sought for the erection of a rear extension to house two Kostrzewa Maxi Bio 199kW output biomass boilers. Further information is required to

screen this installation, which is to be requested of the applicant and considered within the next ASR.

## Glossary of Terms

Abbreviation	Description
AQAP	Air Quality Action Plan - A detailed description of measures, outcomes, achievement dates and implementation methods, showing how the local authority intends to achieve air quality limit values'
AQMA	Air Quality Management Area – An area where air pollutant concentrations exceed / are likely to exceed the relevant air quality objectives. AQMAs are declared for specific pollutants and objectives
ASR	Air quality Annual Status Report
Defra	Department for Environment, Food and Rural Affairs
DMRB	Design Manual for Roads and Bridges – Air quality screening tool produced by Highways England
EU	European Union
FDMS	Filter Dynamics Measurement System
LAQM	Local Air Quality Management
NO <sub>2</sub>	Nitrogen Dioxide
NO <sub>x</sub>	Nitrogen Oxides
O <sub>3</sub>	Ozone
PM <sub>10</sub>	Airborne particulate matter with an aerodynamic diameter of 10µm (micrometres or microns) or less
PM <sub>2.5</sub>	Airborne particulate matter with an aerodynamic diameter of 2.5µm or less
QA/QC	Quality Assurance and Quality Control
SO <sub>2</sub>	Sulphur Dioxide
SPG	Strategy Planning Guidance
SSS	Staffordshire Scientific Services
WDC	Warwick District Council

## References

Environmental equity, air quality, socioeconomic status and respiratory health, 2010

Air quality and social deprivation in the UK: an environmental inequalities analysis, 2006

Defra (2013) Abatement cost guidance for valuing changes in air quality, May 2013

Defra (2017) Air quality plan for nitrogen dioxide (NO<sub>2</sub>) in UK (2017), Available at: <https://www.gov.uk/government/publications/air-quality-plan-for-nitrogen-dioxide-no2-in-uk-2017>

Defra (2016) NO<sub>2</sub> Fall-off with distance calculator, Version 4.1, Available at: <https://laqm.defra.gov.uk/tools-monitoring-data/no2-falloff.html>

Warwick DC Environmental Health,  
[https://www.warwickdc.gov.uk/info/20505/air\\_pollution](https://www.warwickdc.gov.uk/info/20505/air_pollution)

Defra (2016) Local Air Quality Management: Policy Guidance  
<https://laqm.defra.gov.uk/supporting-guidance.html>

Public Health England (2015) Public Health Outcomes Framework  
<http://www.phoutcomes.info/public-health-outcomes-framework#page/0/gid/1000043/pat/6/par/E12000005/ati/101/are/E07000222>

Defra (2016) Local Air Quality Management: Technical Guidance  
<https://laqm.defra.gov.uk/technical-guidance/>

## **Air pollution: Clean Air Zones and Taxi Emissions**

### **Preliminary overview**

#### **Introduction**

There has been a lot of media coverage in recent months about air pollution levels in the UK. Across the nation it is reported that poor outdoor air quality results in around 40,000 premature deaths a year from air pollution related illnesses and currently costs business and health care services around 20 billion pounds per annum.

The main causes of pollution in towns and cities are nitrogen oxide and nitrogen dioxide (collectively referred to as nitrogen oxides), which are produced in the emissions from petrol and diesel vehicles. Diesel also produces minute 'particulates' that are harmful to health. Particulate matter comes not only from exhausts but also from tyres, brakes and road dust.

#### **Current government status**

In 2016 the UK government was taken to court for the second time by an environmental pressure group called ClientEarth. At the most recent session the High Court ruled that the government's plans to improve air quality were inadequate. It ordered the government to act in the shortest possible time to reduce pollution levels in major towns and cities to levels that meet the Ambient Air Quality Directive, which has been enacted into British law by the Environment Act 1995. The government also agreed to discuss with ClientEarth a new timetable for more realistic pollution modeling and the steps needed to bring the pollution levels down to the required level.

The Department for Business, Energy and Industrial Strategy (BEIS) initially advised that a draft emissions reduction plan (ERP) would be published at the end of 2016 but it was not until May 2017 that a draft plan was released. The draft plan - Clean Air Zone Framework (Principles for Setting up Clean Air Zones in England) went out for a six week public consultation that ended on 15 June 2017.

The original plan prioritises 6 Clean Air Zones (CAZs) in London, Birmingham, Derby, Southampton, Nottingham, and Leeds. A CAZ is an area where targeted action is taken to reduce pollution levels to improve people's health and support economic growth. CAZs aim to reduce all types of air pollution, including nitrogen oxides and particulate matter, so that people breathe in less of all these pollutants.

Within a CAZ, there is also a focus on reducing carbon emissions and making sure that improvements in air quality are long lasting. Pollution should not be increased by growth in population, new buildings or changes in land use.

There are two types of Clean Air Zone:

- Non-charging Clean Air Zones – these will have a focus for action to improve air quality but do not include charging money for any type of vehicle to enter the zone.
- Charging Clean Air Zones – drivers must pay to enter these zones if their vehicle is of a type which emits too much pollution. For example in a CAZ, vehicles such as old buses, taxis, coaches and lorries would have to pay a charge to enter these zones but private passenger cars will not be charged.

The Department for the Environment, Food and Rural Affairs (DEFRA) has suggested minimum emissions standards for vehicles to be allowed entry to a CAZ. The standards are expressed according to European vehicle emission standards. Buses, coaches and heavy goods vehicles must all be compliant with Euro 6. Diesel powered vans, hackney carriages and private hire vehicles will also have to meet the Euro 6 standard. Vans, hackney carriages and private hire vehicles powered by petrol will have to meet the lower Euro 4 standard because petrol is less polluting than diesel.

Vehicles that do not meet the standard would need to pay a charge if they enter the zone. The Government has not yet indicated what the scale of the charge may be.

ClientEarth argues more towns and cities should have been included in the government plan, for example Manchester, Hull, Cardiff and they are against the passenger car exemption, claiming that such vehicles are one of the biggest sources of poor air quality and want the government to take faster action to address this.

ClientEarth still consider the government's proposals to be inadequate and that the plan contains major flaws, as such they have announced that they intend to take the government back to court.

The Chartered Institute of Environmental Health (CIEH) has also advised their members that the government's proposals are inadequate in terms of addressing what they consider as a national public health emergency. The new proposals lack anything substantive, do not provide timescales



for addressing the key challenges, there is no clarity around targets and it does not deal with issues around resources to support actions. In short the proposals do not amount to a strategic approach; it's simply a plan for a plan. One of the CIEHs biggest concerns is that the government is consistently looking towards local authorities to implement novel solutions to the air quality problem. The view is this is inappropriate because air pollution is a national problem that requires a national response. Passing the buck to individual local authorities will result in 400 plus different responses and as pollution knows no boundaries the expectation should be that government should provide leadership and should be leading on it and be prepared to put resources behind it. For example investment in electric vehicle infrastructure, cheaper public transport, and improved cycling and walking routes.

There is also concern that the government is suggesting that CAZs will be the panacea to rectify the problem, the CIEH feel it is too early to do that. There are a number of cities trialing CAZs but some of them are not looking at implementation until 2019 so feel it is currently not possible to evaluate the effectiveness of a CAZ therefore should not be putting them forward as a solution at this moment in time. To add to this CAZs are similar to Air Quality Management Areas (approximately 200 in the UK). The CIEH feel they have not worked in most areas so a CAZ will require considerably more attention, substance and detail if they are going to be more effective.

The only real way to address the problem is by taking measures to reduce or remove the large number of older polluting vehicles on the road especially diesel trucks, diesel busses, large diesel cabs, and older diesel passenger cars.

The CIEH is also lobbying for controls to be put in place about ending the use of red diesel, which is not only used in agriculture but also in refrigeration units on trucks. Red diesel carries a significant tax advantage, yet there are no controls or restrictions on emission limits from engines powered by red diesel. It is estimated in London there are 10,000 refrigeration vehicles a day that use red diesel and if this source of pollution was removed it would be the equivalent of removing 300,000 diesel vehicles from the London road network.

Finally the CIEH is calling for a new Clean Air Act as they feel the old one no longer deals with current issues.

## **Birmingham's response**

Birmingham is considering how Birmingham's CAZ will work. The exact location of the zone is not yet known, but it is expected to cover at least part of the city centre. The types of vehicle which could be charged to enter have also not yet been decided. A full local public consultation is likely to take place in 2018.

In preparation Birmingham are proposing to introduce a change to its taxi licensing policy. The consultation opened on 1 March and is seeking the views of licensed hackney carriage and private hire vehicle owners, drivers, operators and members of the public. The consultation closed on 24 May 2017 and the final outcome is expected later in 2017.

The draft policy sets out proposals to:

- Set deadlines for vehicles to meet the emission standards (Euro 4 for petrol vehicles and Euro 6 for diesel vehicles) starting from 2017.
- Introduce an age policy that will take effect in 2021 of 14 years for hackney carriages and 8 years for private hire vehicles.
- All vehicles to be ultra-low emission (ULEV) vehicles by 2026.
- All of its licensed hackney carriages and private hire vehicles to be zero-emission vehicles by 2030.
- The draft policy also highlights the limited choice for suitable ultra-low emission vehicles on the market that are wheelchair accessible so is proposing a change in policy to have a mixed fleet ("London styled" cabs and saloon vehicles").

Taxi drivers have raised concerns saying the cost of either buying an electric car or converting their vehicles to run on the more environmentally friendly liquid petroleum gas could prove prohibitive and force hundreds out of business.

The Council has responded to these concerns and advised drivers that the Office for Low Emission Vehicles (OLEV) has grants available of up to £5,000 for private hire drivers and up to £7,500 for hackney carriage drivers if they change their vehicle for a new ULEV vehicle. This is called The Plug-in Car Grant or PICG.

Birmingham have also recently been awarded funding from the OLEV to introduce 197 electric taxi charging points, all of which will offer fast or rapid charging facilities for hackney carriages and private hire vehicles. Electric vehicles will be exempt from charges in a Clean Air Zone

<https://www.gov.uk/plug-in-car-van-grants>

Birmingham is also in talks with vehicle manufacturers and operators about ways in which they can purchase fleets of ULEV vehicles to hire to drivers.

Funds have also been made available to convert 63 hackney carriages from diesel to LPG, which produces very low levels of pollution and will apply for further funding if the Department for Transport makes it available. These LPG converted vehicles will be licensable until 2021 under the proposed plan. Owners of hackney carriages that have the LPG conversion are required to pay the VAT element of the cost, which is approximately £1,300.

### **York's response**

York feel they are well ahead of the national picture in terms of how they have developed their air quality improvement plans and are seeing significant improvement in air quality pollution levels across the city in general.

In contrast to the concerns of the CIEH, York feels, the argument for local authorities, rather than central government, developing air quality strategies is that each city has its own challenges. York felt a CAZ mechanism for entering the city would not work for them. They felt by allowing people or companies that could afford to pay the levy and as such continue to use the most polluting vehicles would not make much overall difference and that the policies in York needed to be phased in over time and simply prohibit the more polluting vehicles.

Over the years the population of York has grown significantly which inevitably has resulted in more cars. In 2012 York Council started to develop an overarching low-emission strategy that not only looked at transport, energy and planning but also procurement and the way lives were lived in the city. The strategy was developed to look at all issues not just trying to solve problems in piecemeal fashion.

One of the first steps taken was to identify the source of the pollution. The findings identified cars as being a relative low source of pollution and also HGVs as they were frequently replaced in comparison to some other commercial vehicles. However, buses, which made up of only 3 per cent of the traffic were actually responsible for a third of the pollution.

A blanket ban on buses was not practical so a matrix was drawn up which placed the different busses into different categories depending on how frequently they visited the city. The Council is working with the bus operators, targeting the most polluting vehicles in real terms. For example, whilst they would like to replace the older buses - a very old environmentally unfriendly bus that is driven twice a day into the city from outlying villages would be pumping less noxious fumes into the atmosphere per day than a Euro 4 bus that goes into the city 10 or 12 times a day. Therefore for economics and community service reasons more effort was put into upgrading the Euro 4 buses rather than ban the more polluting Euro 2 buses. To date many buses used in the city are now electric with help from Government funding.

Other initiatives have included schemes to assist HGV companies to improve fuel efficiencies, cut emissions and improve logistics and looking at methods for the provision of freight trans-shipment infrastructure and have plans for an outer city freight transmission centre linked to a natural gas refueling facility where larger lorries can pull off and load their goods onto smaller cleaner vehicles which can then drive into the city.

As for cars, about three years ago financial incentives were put in place for York's 80 or so taxis to encourage drivers to switch to low emission vehicles. This year a new taxi licensing scheme came into force requiring any new or upgraded taxis to be ultra-low emission, Euro 4 petrol or Euro 6 diesel.

Council employees are also encouraged to use low-emission cars when on Council business.

For domestic vehicles the Council has used the planning process to fund communal pay-as-you go charging points and have encouraged developers to build properties with charging points.

Charging points have also been installed in to all the cities and other major carparks as well as some local hotels, bed and breakfast and leisure facilities.

York Council offers a consultancy service to other local authorities that are facing similar problems to that of York.

The Council prides itself on how it has worked with bus companies through this ongoing green transition and how it has helped firms to access to funding to help with financing.

## **Air Quality in the Warwick District**

Within Warwick District, air quality is generally good. However there are locations in the town centres where nitrogen dioxide levels currently exceed the national objective. This has led to the Council declaring five air quality management areas (AQMAS) with on-going monitoring in these areas.

There are currently AQMAS declared in Warwick town centre and Coventry Road; Warwick, Leamington Spa and 2 small AQMAS in Kenilworth.

Vehicle emissions are the cause of nitrogen dioxide levels exceeding air quality objectives in all AQMAS and our Air Quality Action Plan was updated in 2015 which has enabled us to take forward a number of measures in pursuit of improving local air quality:

## **Traffic Management & Smarter Travel**

One of the key groups of measures relate to those being implemented on the key transport corridors, which have been prioritised by Warwickshire County Council. Good progress is being made in relation to these proposals, with many of the detailed measures having some air quality impact. Detailed proposals are set out for 11 main corridors / areas, many of which align with AQMAS in the district. Each of the 11 areas include specific measures for junction / highway improvements, walking and cycling improvements, Park and Ride provision, bus priority measures as well as behavioural change measures. Most work has been undertaken on the A452 Europa Way 'Sustainable Spine' corridor which is the key route from the M40 in Leamington Spa and Warwick. Proposals are being worked on and funding being sought from large scale developments currently coming forward.

## **Development Control**

The measures being implemented through planning are also successfully moving forward. Planning applications are routinely being checked by Environmental Health Officers and air quality assessments requested where relevant. Mitigation, based on Warwick District Council's Low Emissions Strategy is also routinely requested. In addition, an air quality assessment of the impacts of Local Plan development has been

undertaken, which goes some way to assessing the potential cumulative impact of development outlined in the Local Plan.

### **Promote Low Emission Vehicles and Infrastructure**

Environmental Health Officers are using our Low Emission Strategy Guidance to require new developments to provide electric vehicle charging points and ensure a more widespread infrastructure for low emission vehicles.

In response to the commitment for WDC to move our fleet to electric vehicles where practicable, WDC now have 5 electric vehicle pool cars, 4 are routinely used by the housing department and 1 by planning.

The UK Government previously identified five cities outside of London where the implementation of a Clean Air Zone (CAZ) may become mandatory. These were Birmingham, Leeds, Nottingham, Derby and Southampton. Under DEFRA's latest draft UK Air Quality Plan for tackling nitrogen dioxide (May 2017), thirty-one local authorities have now been identified as possibly having roads that will not achieve the legal limits for nitrogen dioxide (NO<sub>2</sub>) and must explore further measures to improve air quality. Warwick District Council has not been identified within DEFRA's latest air quality modelling data therefore a mandatory CAZ for the district seems unlikely.

A study completed for Warwick District Council in 2013 examined source apportionment for air pollution in and around our existing air quality management areas. This study identified diesel passenger vehicles, diesel light goods vehicles, and buses to be the largest contributors to adverse air quality in the district. The data from this study was not specific enough to identify the contributions made by taxi vehicles alone within the district. It is important to note that the introduction of a taxi CAZ or similar scheme is likely to provide only negligible improvements in air quality due to the small number of vehicles involved (approximately 397). If, however, the scheme was publicised as a part of Warwick District Council's Air Quality Action Plan then it could contribute positively towards behavioural change in the wider population by further raising the profile of air quality. If necessary, a detailed assessment of the direct air quality improvements from implementing a taxi CAZ could be commissioned, however, the costs for this have not currently been established.

## **Further considerations for air quality standards and taxi licensing policy**

WDC is responsible for licensing taxis and private hire vehicles in the district. A licence is required before a vehicle can be used as a taxi or private hire vehicle. The vehicle must meet a local specification policy before it will be accepted as being suitable to be licensed by this authority.

Currently WDC require all private hire vehicles to be less than 5 years old from the date of first registration, when the vehicle is submitted for licensing. Once licensed, the vehicle can remain licensed subject to the vehicle continuing to meet the required standards and the license not being allowed to expire. The Council requires that all new licence applications for Hackney Carriage vehicles must be for a brand new, side loading wheelchair accessible vehicle.

Currently there are no requirements for a set emission standard.

It is evident that the taxi licensing function is only one means of working towards a cleaner Warwick in terms of reducing air pollution. However, unlike York, currently we do not have the necessary data to identify which are the most polluting vehicles in our air quality management areas therefore we have limited justification on how much impact any control on taxis would have in real terms. Having justification for a change in policy is important, especially where those changes are likely to impact significantly on individual businesses in the district.

A significant change in policy requires consultation and engagement with the trade to allow those affected opportunity to comment on any proposals. Consultation would also be required with any other stakeholders. At each juncture the local authority would need to take into consideration any comments received and respond accordingly before putting in place any new requirements.

It is important that any changes in policy, especially changes that can have significant financial impacts on business in the area as well as individuals, should have long term aim. To lessen the impact and allow time for financial adjustment there would need to be a gradual implementation towards an improved fleet.

Failure to properly plan and imposing specific emission standards on taxis could result in the undesirable outcome that private hire vehicles may seek to register with a neighbouring local authority that may not have similar policies in place. This means that private hire operators (45% of

current fleet) could continue to operate within the district whilst avoiding the need to upgrade or replace their vehicle to comply with the updated vehicle requirements. A possible way to minimise this would be to explore the potential for a county-wide initiative through the Coventry and Warwickshire Air Quality Alliance which includes membership of the district and borough Councils of Warwickshire.

The introduction of a taxi CAZ could also inadvertently lead to a shortage of taxis within the district as a result of drivers unwilling or unable to transition to cleaner or low emission vehicles. This could negatively affect local residents that do not own or have access to a private vehicle by reducing the transport options available to them.

### Current fleet stats

Vehicle by fuel type:

Number	Diesel	Petrol	Diesel-Electric	Electric	LPG
Hackney Carriage	213	1	1	0	0
Private Hire	177	3	0	1	1
Total	390	4	1	1	1

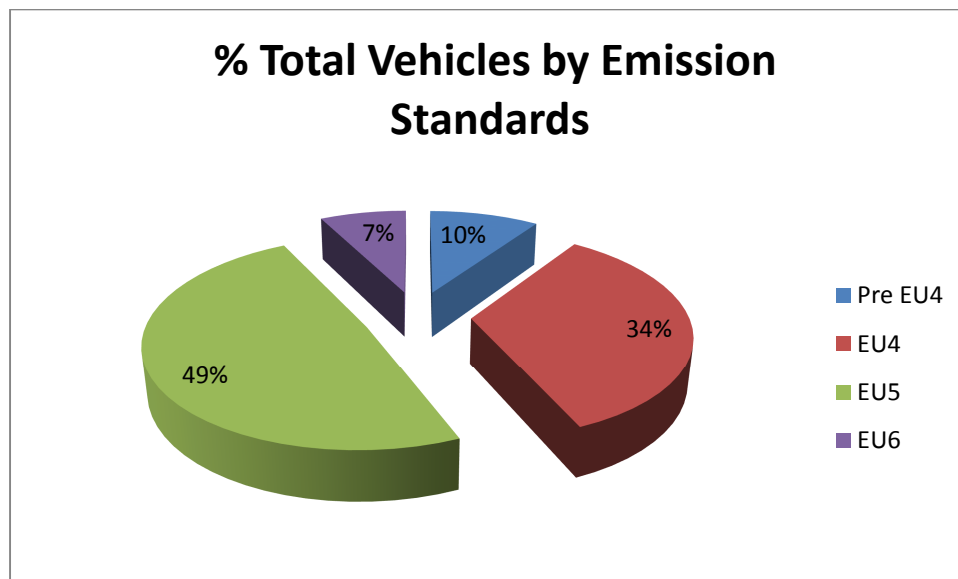
Vehicle by Age:

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Hackney Carriage	2	1	0	5	10	8	8	7	13	14	19	17	26	29	13	19	15	9	0
Private Hire	0	0	0	0	1	0	3	10	11	6	12	26	27	22	24	18	12	8	2
Total	2	1	0	5	11	8	11	17	24	20	31	43	53	51	37	37	27	17	2

Vehicles by European Emission Standards:

	Pre EU4	EU4	EU5	EU6
Hackney	34	70	97	14
Private Hire	4	65	97	16
Total	38	135	194	30





## Proposals


### Stage one

- Explore the potential for a county-wide initiative through the Coventry and Warwickshire Air Quality Alliance which includes membership of the district and borough Councils of Warwickshire.
- Explore possible sources of funding to undertake a study of taxi vehicle emission contributions to air quality in the district and possible air quality benefits from introducing a taxi clean air zone or similar scheme.
- Review the level of electric vehicle infrastructure required in WDC area (charging points) as part of Warwickshire County Council's electric vehicle recharging strategy, to include provision of rapid or fast charging points in suitable locations for taxis.
- Work with the trade to identify government funding opportunities to support ULEV taxis and private hire vehicles.
- Work with stakeholders in the trade in finding methods of reducing vehicle emissions and setting realistic timeframes.
- Ensure the continued implementation of Warwick District Council's air quality action plan and low emission strategy guidance to improve air quality and increase availability of low emission vehicle infrastructure within the district.
- In partnership with the licensing technical group, agree uniform standard proposals across the county.

### Stage two

- Consider a Private Hire and Taxi Policy Vehicle Emission Policy.
- Public consultation with interested parties on findings and proposal, with particular emphasis on setting realistic time frames for fleet development.

- Setting of age limits
  - Set emission standards
  - Electric/Hybrid Vehicles only
  - Fleet colour options for environmentally friendly vehicles
  - Make provision for electric/hybrid saloons for hackney carriage use.
- Investigate the potential for providing for an environmental levy or reducing license fees for cleaner vehicles.

	<b>Health Overview &amp; Scrutiny Sub Committee – 21 November 2017</b>	<b>Agenda Item No. 5</b>
<b>Title: Health and Wellbeing Annual Update Report</b>		
<b>For further information about this report please contact</b>	Marianne Rolfe Head of Health & Community Protection  01926 456700 <a href="mailto:Marianne.rolfe@warwickdc.gov.uk">Marianne.rolfe@warwickdc.gov.uk</a>  Bernadette Allen Localities and Partnership Teams  01926 456020 <a href="mailto:Bernadette.Allen@warwickdc.gov.uk">Bernadette.Allen@warwickdc.gov.uk</a>	
<b>Wards of the District directly affected</b>	All	
<b>Is the report private and confidential and not for publication by virtue of a paragraph of schedule 12A of the Local Government Act 1972, following the Local Government (Access to Information) (Variation) Order 2006?</b>	No	
<b>Date and meeting when issue was last considered and relevant minute number</b>		
<b>Background Papers</b>	Nil	
<b>Contrary to the policy framework:</b>	No	
<b>Contrary to the budgetary framework:</b>	No	
<b>Key Decision?</b>	No	
<b>Included within the Forward Plan? (If yes include reference number)</b>	No	
<b>Equality and Sustainability Impact Assessment Undertaken</b>	Yes	

<b>Officer/Councillor Approval</b>		
<b>Officer Approval</b>	<b>Date</b>	<b>Name</b>
Chief Executive/Deputy Chief Executive	10/11/17	Andrew Jones
Head of Service	06/11/17	Marianne Rolfe
CMT	10/11/17	Andrew Jones
Section 151 Officer		
Monitoring Officer		
Finance	10/11/17	Mike Snow
Portfolio Holder(s)	10/11/17	Councillor Andrew Thompson

<b>Consultation &amp; Community Engagement</b>	
<b>Final Decision?</b>	No
<b>Suggested next steps (if not final decision please set out below)</b>	

## 1. SUMMARY

- 1.1 The report provides an annual update of the progress being made in delivering the councils Health and Wellbeing approach and on improving the health and wellbeing of the communities within Warwick District.

## 2. RECOMMENDATION

- 2.1 That the committee note the work being undertaken

## 3. REASONS FOR THE RECOMMENDATION

- 3.1 Members requested an annual update on progress

## 4. POLICY FRAMEWORK

### 4.1 Fit for the Future (FFF)

The Council's FFF Strategy is designed to deliver the Vision for the District of making it a Great Place to Live, Work and Visit. To that end amongst other things the FFF Strategy contains several Key projects.

The FFF Strategy has 3 strands – People, Services and Money and each has an external and internal element to it. The table below illustrates the impact of this proposal if any in relation to the Council's FFF Strategy.

FFF Strands		
People	Services	Money
External		
Health, Homes, Communities	Green, Clean, Safe	Infrastructure, Enterprise, Employment
<u>Intended outcomes:</u> <ul style="list-style-type: none"><li>Improved health for all</li><li>Housing needs for all met</li><li>Impressive cultural and sports activities</li><li>Cohesive and active</li></ul>	<u>Intended outcomes:</u> <ul style="list-style-type: none"><li>Area has well looked after public spaces</li><li>All communities have access to decent open space</li><li>Improved air quality</li></ul>	<u>Intended outcomes:</u> <ul style="list-style-type: none"><li>Dynamic and diverse local economy</li><li>Vibrant town centres</li><li>Improved performance/ productivity of local economy</li><li>Increased</li></ul>

communities	<ul style="list-style-type: none"> <li>Low levels of crime and ASB</li> </ul>	employment and income levels
<b>Impacts of Proposal</b>		
The report provides details on the interventions being delivered by the council towards the councils Health and Wellbeing approach.	Elements of cross over in this objective in the delivery of the council Health and Wellbeing approach	None
<b>Internal</b>		
<b>Effective Staff</b>	<b>Maintain or Improve Services</b>	<b>Firm Financial Footing over the Longer Term</b>
<u>Intended outcomes:</u> <ul style="list-style-type: none"> <li>All staff are properly trained</li> <li>All staff have the appropriate tools</li> <li>All staff are engaged, empowered and supported</li> <li>The right people are in the right job with the right skills and right behaviours</li> </ul>	<u>Intended outcomes:</u> <ul style="list-style-type: none"> <li>Focusing on our customers' needs</li> <li>Continuously improve our processes</li> <li>Increase the digital provision of services</li> </ul>	<u>Intended outcomes:</u> <ul style="list-style-type: none"> <li>Better return/use of our assets</li> <li>Full Cost accounting</li> <li>Continued cost management</li> <li>Maximise income earning opportunities</li> <li>Seek best value for money</li> </ul>
<b>Impacts of Proposal</b>		
Ensuring that Staff Health and Wellbeing is provided for	Ensuring that the Health and wellbeing interventions are built into service delivery	None

- 4.2 Supporting Strategies: Each strand of the FFF Strategy has several supporting strategies and the relevant ones for this proposal are the Health and Wellbeing Approach. This report demonstrates the interventions being undertaken across the council to deliver the councils approach.
- 4.3 Changes to Existing Policies: There are no proposed changes to existing policies proposed by this report.

## **5. BUDGETARY FRAMEWORK**

- 5.1 There are no specific budgetary requirements

## **6. RISKS**

- 6.1 There are no risks proposed in this report

## **7. ALTERNATIVE OPTIONS CONSIDERED**

- 7.1 None

## **8. BACKGROUND**

- 8.1 The Health and Wellbeing Approach details the Council's three priorities
- To embed HWB at a strategic level
  - To promote HWB to the wider community (Warwickshire Health and Wellbeing Strategy priorities as sub-headings to this priority)
  - To address the HWB of our own staff

This report seeks to provide an update on the work being undertaken by the Council to deliver against these priorities objectives (see Appendix 1) with key elements of the work undertaken summarised below

- 8.2 To embed HWB at a strategic level

- 8.3 A draft Health Assessment has been produced to be included in the guidance for all committee reports to demonstrate how the report considers health and wellbeing. This is to support the changed report format.

Partners continue to work towards the establishment of a South Warwickshire Health and Well Being Partnership. This group has had several meetings to determine its structure and shared priorities and will begin to involve the Portfolio Holders from Stratford DC and Warwick DC and wider partners to begin delivering on agreed objectives.

- 8.4 The internal Health and Wellbeing Officers Group has been developed and regularly collate the interventions that are occurring across WDC which impact upon the Health and Wellbeing agenda. The group has been instrumental in evaluating the evidence and proposing future priorities and potential actions which WDC could be taking to further deliver against this agenda.
- 8.5 A Joint (WDC/WCC) Member Seminar was held on 2<sup>nd</sup> October, organised by the Community Partnership Team. As part of the programme, Members were briefed on the Council's Health and Well Being Approach
- 8.6 An assessment has been undertaken (see appendix 2) of the contributions that we make as a Council to the Warwickshire Health and Wellbeing Strategy outcomes against the following areas:
- Promoting Independence
  - Community Resilience
  - Integration and working together
- 8.7 In addition a further assessment has been undertaken of achievements by the Council detailed in the Director of Public Health Annual Report 2016 (see appendix 3)
- 8.8 To promote HWB to the wider community
- 8.9 As part of the Walking for Health Scheme a number of regular Health Walks have been established in the District. This scheme was highlighted as one of the 101 examples of good Health and wellbeing practise in the county.
- 8.10 A new Dementia Group has been established at Acorn Court in partnership with Tony Britton from the Pam Britton Trust, Gilly Parker a Volunteer from The Chain, Alison Sellwood from Crown Routes, Jane Rostron from Housing Tenant Engagement Team and Kath Bannister from the Community Partnership Team. The next stage is to look at developing a Local Dementia Action Alliance Group as a mechanism for progressing Warwick District into dementia friendly community.
- 8.11 Work is taking place in partnership with the NCT to develop a breast feeding peer support programme in the District's 4 targeted geographical areas of Brunswick, Sydenham, West Warwick and Crown
- 8.12 To address the HWB of our own staff



8.13 A draft Wellbeing Charter has been produced and the Health and Wellbeing Officer Group were consulted on its contents. The aim of the policy is:

- To ensure that the working environment is conducive to the health and wellbeing of employees, clients and visitors.
- To promote and encourage employee participation in regular moderate physical activity.
- To increase the opportunities for physical activity around the workplace.
- To create a workplace environment that encourages employees to incorporate physical activity into their daily routine.
- To increase the opportunities for employees to learn more about nutrition.
- To increase opportunities for employees to make healthy eating choices.
- To create a workplace environment that encourages employees to incorporate healthy eating into their daily routine.
- To create a workplace environment that promotes the mental wellbeing of all employees.

8.14 Staff **Health & Wellbeing Event – 26<sup>th</sup> September**

A 'Fitness Matters – Wellness Works' event was held on Tuesday 26<sup>th</sup> September from 10am – 4pm and was attended by a significant number of staff.

The following activities/ information were delivered at the event:

- A total of 60 fitness assessments were carried out by Everyone Active, with many people surprised (good and bad) at their internal age.
- Ten men took part in the Prostate-Specific Antigen testing for the over 45's by the Graham Fulford Charitable Trust with many ladies taking information for their male relations.
- A community dietician from the Makingspace Health Promotional Project attended the event and provided information on hidden sugar content in food
- Walking for Health programme of walks was promoted and staff were invited to take part in a special walk on Thursday 28<sup>th</sup> September at Victoria Park
- The Arts marketing team shared information of on activities at the Spa Centre and Pump Rooms.
- Safer Communities shared information on the 'Your town, Your choice' roadshows promoting safety in Leamington Town Centre
- CWS Sports undertook a Wellbeing survey for staff.
- Flu jabs were promoted; and
- Everyone Active are being invited back at the End of January to see how the 'internal ages' of staff have improved

## Appendix 1

Our priorities	Objectives	Indicators	What success looks like	Achieved
<b>To embed H&amp;WB at a strategic level</b>	<ul style="list-style-type: none"> <li>Ensure our policies, strategies, plans, projects and key decisions address H&amp;WB</li> <li>Engage &amp; enable staff / elected members to incorporate H&amp;WB into their roles</li> <li>Ensure that we are working in partnership to deliver HWB objectives</li> <li>Ensure that the H&amp;W arrangements between stakeholders are working correctly and that feedback loops are established.</li> </ul>	<ul style="list-style-type: none"> <li>Percentage of major decisions subject to health impact assessments (HIA)</li> <li>Percentage of major plans &amp; projects considering health throughout the process</li> <li>Percentage of staff and elected members receiving information and training on HIA</li> </ul>	<i>By 30<sup>th</sup> September 2017:</i> <ul style="list-style-type: none"> <li>An HIA process has been put in place for key decision</li> </ul>	<i>Draft Community Impact assessment produced</i>
			<ul style="list-style-type: none"> <li>Staff and elected members have received relevant information and training, and plans are in place for the ongoing identification of training needs</li> </ul>	<i>Ongoing. Training events delivered</i>
			<ul style="list-style-type: none"> <li>The communication channels for health and wellbeing arrangements are established and working well</li> </ul>	<i>Completed Communication channels established and working</i>
			<ul style="list-style-type: none"> <li>The feasibility of a South Warwickshire Wellbeing Group has been determined.</li> </ul>	<i>Next steps to get engagement with portfolio holders to get commitment before open it to wider partners</i>
			<i>By 30<sup>th</sup> September 2018</i> <ul style="list-style-type: none"> <li>Every key decision, policy strategy and plans is subject to HIA</li> </ul>	
<b>Promote Health &amp; Wellbeing in the wider district</b>	<ul style="list-style-type: none"> <li>To ensure that we are contributing towards the outcomes of the Warwickshire Health and Wellbeing Board Strategy. (Promoting</li> </ul>	Director of public health annual report  Health performance indicator statistics	<i>By 30<sup>th</sup> September 2017</i> <ul style="list-style-type: none"> <li>Contributory activities towards the reduction in the health performance indicators for Breastfeeding Initiation, Early Cancer diagnosis, Suicides rate</li> </ul>	<i>On-going. Delivering a breastfeeding friendly programme. Wellbeing activities delivered which reduce cancer risk and risk of suicide.</i>

	<p>independence; community resilience; integration and working together).</p> <ul style="list-style-type: none"> <li>• To have direct and or in direct contributions towards the health indicators of Warwick residents.</li> <li>• To map the contributions that the District Council can have both directly and indirectly on the health of Warwickshire through the routine service delivery.</li> </ul>	<p>Focus on children, obesity, mental health, dementia, cancer. Cardiovascular disease, weight management, smoking, substance misuse, alcohol, carers.</p>	<ul style="list-style-type: none"> <li>• Contributory activities towards Continuing Improvement with respect to indicators, relevant to residents of district; Alcohol consumption in under 18s, Infant mortality, Road deaths and injuries, Smoking related deaths, Cardiovascular disease, Under 75 cancer deaths, Excess winter deaths</li> <li>• Contributory activities towards Improvements in other health indicators and needs outlined in the joint strategic needs assessment.</li> <li>•</li> </ul>	<p><i>Ongoing. Wellbeing activities delivered which reduce risks.</i></p> <p><i>Ongoing Wellbeing activities delivered which reduce risks</i></p>
		<p>JSNA place based profiling tool.</p>	<p><i>By September 2018</i></p> <ul style="list-style-type: none"> <li>• <i>Deliver 'Breastfeeding friendly' initiatives</i></li> <li>• Contributory activities towards the reduction in the health performance indicators for <i>Mental Health and Suicide</i></li> <li>• <i>Improved Cross Service Area working to ensure delivery of the health and wellbeing agenda</i></li> <li>• <i>To ensure health and wellbeing activities are focused on persons displaying factors of Vulnerability</i></li> </ul>	<p><i>Ongoing. Through the HOG group, South Warwickshire Group and the 2017 activities.</i></p>
<b>To address the H&amp;WB of our own staff</b>	<ul style="list-style-type: none"> <li>• To deliver the health and wellbeing elements of the People Strategy</li> <li>• To reinforce the health champions role.</li> </ul>	<p>Continuous Improvement with respect to assessments against the Workplace Wellbeing Charter</p>	<p><i>By September 2017: (taken from people strategy action plan)</i></p> <ul style="list-style-type: none"> <li>• Developed a Health, Work and Wellbeing Action Plan</li> </ul>	<p><i>Ongoing. Walking for health programme being developed and walks delivered.</i></p>
		<p>Delivery of special projects which contribute to one of more of the priorities of the documents to which we have regard.</p>	<ul style="list-style-type: none"> <li>• Health and wellbeing information is cascaded to all employees</li> </ul>	<p><i>Ongoing. Intranet messages used to deliver information.</i></p>
			<ul style="list-style-type: none"> <li>• Sign posting to support services and the development of an intranet health and wellbeing portal improved</li> </ul>	<p><i>Ongoing. Intranet pages under development. Diary of events included to enable staff participation.</i></p>
			<ul style="list-style-type: none"> <li>• The approach to preventing stress and raise mental wellbeing awareness enhanced.</li> </ul>	<p><i>Ongoing. Policies updated and training course included in training</i></p>

				<i>programme.</i>
			<ul style="list-style-type: none"> <li>• Current policies reviewed to encompass mental wellbeing</li> </ul>	<i>Ongoing</i>
			<ul style="list-style-type: none"> <li>• Developed and embedded a Physical Activity Statement</li> </ul>	<i>Ongoing. Draft Wellbeing statement under consultation</i>
			<ul style="list-style-type: none"> <li>• Developed and embedded a Healthy Eating Commitment statement</li> </ul>	<i>Ongoing. Draft Wellbeing statement under consultation</i>
			<i>By September 2018</i> <ul style="list-style-type: none"> <li>• Achieved Workplace Wellbeing Charter renewal</li> <li>• Reviewed &amp; reinvigorated the Health Champions role</li> <li>• Held priority Awareness &amp; Health Check Events</li> <li>• Held staff health and wellbeing challenge events</li> <li>• There is active use of the Health &amp; Wellbeing intranet pages</li> <li>• Links established with partners to deliver staff health and wellbeing activities and or improvements.</li> </ul>	<i>Ongoing. Health Champions being revived, staff wellbeing event held and development of the intranet pages underway.</i>

## Appendix 2 - HWB Strategy outcomes

### Promoting independence

Outcome	Output/measure	Achievements made/projects delivered/ongoing (Vignette template A)	Work/activity Coming up (Vignette template B)
<b>1 -Ensure the best possible start to life for children, young people and their families</b>	A reduction in antenatal risk factors e.g. smoking in pregnancy and improved maternal and infant health and wellbeing (27,34,44,56,76,81,84)	<b><u>Warwick District Council</u></b> <ul style="list-style-type: none"> <li>Partnership with Act on Energy enable access the various grants available.</li> <li>Discretionary grants to replace boilers and install heating systems, as well as arranging for boilers to be serviced and minor repairs undertaken.</li> <li>Help with budgeting, debt counselling and improved life skills provided by Financial Inclusion Officers and Housing Support Officers.</li> <li>The Rental Exchange &amp; Experian credit rating improvement benefits.</li> <li>Development of City Save Credit Union (affordable credit).</li> <li>Priority Families Programme</li> </ul>	
	Positive parenting and an increase in the number of families receiving early help to tackle problems (31,54,57,80)		
	A reduction in the local variations between educational attainments in Warwickshire's GCSE grades and improved positive destinations post 16 (32)		
	Fewer numbers of children living in poverty (30)		
<b>2 - Support those young people who are most vulnerable and ensure their transition into adulthood is positive</b>	Integrated services across education, health, social care and the voluntary sector which focus on the needs of the most complex and vulnerable young people to ensure an effective transition to adult services	<b><u>Warwick District Council</u></b> <ul style="list-style-type: none"> <li>Financial inclusion Officers (as above in 1).</li> <li>Employment clubs</li> </ul>	
	More young people remaining in education and training post 16 ensuring that they are ready for entry into the adult labour market (32)		
	More vulnerable children and young people helped to make positive life choices (31,32,46,57,58,63,83)		
	Continuity of workers and carers to provide stability and security while preparing vulnerable young		

	people for independence (32,54,58)		
<b>3 - Enable people to effectively manage and maintain their physical and mental health and wellbeing</b>	More people, across all ages choosing to adopt healthier lifestyles to improve their health and wellbeing	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• Grants (as above in 1)</li> <li>• Rental Exchange (as above in 1)</li> <li>• Fuel Poverty Advice</li> <li>• Employment Clubs (as above in 2)</li> <li>• Medical Assessments of housing impacts on health</li> <li>• Provision of affordable homes &amp; development of affordable homes is has been incorporated in the local plan</li> <li>• Improvements in standards of private rented accommodation.</li> <li>• Establishment of Food Banks</li> <li>• Partner in LWS shelter</li> <li>• Live Life &amp; Activitea Projects</li> <li>• Arts development service &amp; programme</li> </ul>	
	Enhanced services for the early prevention, treatment and recovery of mental health problems across all ages		
	People will have equitable access to screening and prevention services to help them avert ill health		
	Communities that understand dementia issues and support dementia sufferers		
<b>4 - Ensure that people with disabilities have the same choice, control and freedom as any other individual - at home, at work and as members of the community</b>	Improved early assessment of needs for children with special educational needs (SEN), physical and learning disabilities	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• Regular visits to tenants</li> <li>• Financial Inclusion Officers (as above)</li> <li>• Grants (as above)</li> <li>• Employment Clubs (as above)</li> <li>• Medical Assessments (as above)</li> <li>• Licensing of caravan sites</li> <li>• Live Life &amp; Activitea Projects (as above)</li> </ul>	
	Better health outcomes and quality of life for people with disabilities through the implementation of personalisation (2)		
	More people with <b>learning disabilities</b> in paid work (7)		
	Adequate and appropriate <b>housing</b> for people with disabilities		
	Better support and information for carers of disabled people to empower them to live the lives they want and achieve their full potential (1,3)		
<b>5 - Provide additional support to other vulnerable groups of people</b>	Health and care services that better meet the needs of vulnerable people to accelerate improvement in their health and wellbeing outcomes	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• Lifeline Service</li> <li>• Regular visits to tenants (as above)</li> </ul>	
	Better mechanisms of identifying vulnerable people		

	and ensuring that they are signposted to the most appropriate services (1,2)	<ul style="list-style-type: none"> <li>• Financial inclusion officers (as above)</li> <li>• Warwick Advice service</li> <li>• Grants (as above)</li> <li>• City Save Credit union (as above)</li> <li>• Fuel Poverty Advice (as above)</li> <li>• Employment Clubs (as above)</li> <li>• Medical Assessments (as above)</li> <li>• Licensing of Caravan sites</li> <li>• Prerequisite licensing courses for taxi drivers (CSE, Dementia friends and disability awareness)</li> <li>• Improvements in private sector housing (as above)</li> <li>• Dementia Action plan</li> <li>• Food Banks (as above)</li> <li>• Winter Night Shelter (as above)</li> <li>• Live Life &amp; Activitea projects (as above)</li> </ul>	
	Safe and suitable <b>housing</b> provided by the private sector		
<b>6 - Enable older people to be able to remain in their own homes and to live healthy lives for as long as possible</b>	<p>An increase in preventative interventions for older people which reduce unnecessary hospital admissions for people with long term conditions</p> <p>A focus on reablement of older people to prevent further ill-health and promote greater wellbeing (11,29,35,39,40,,49,61,75)</p> <p>The right range of housing for older people with the right support (including telcare and telehealth), as appropriate</p>	<p><b><u>Warwick District Council</u></b></p> <ul style="list-style-type: none"> <li>• Programme of adaptations to homes</li> <li>• Funded Home Safety Checks</li> <li>• Lifeline Service (as above)</li> <li>• Grants (as above)</li> <li>• Fuel Poverty advice (as above)</li> <li>• Licensing of caravan sites (as above)</li> <li>• Improvements in private sector housing (as above)</li> </ul>	

## Community Resilience

Outcome	Output/measure	Achievements made/projects delivered/ongoing	Work/activity Coming up
<b>7 - Take an asset based</b>	Organisations with an understanding of what community assets exist and how they can work in	<b><u>Warwick District Council</u></b>	Development of a Community Stadium

approach to working which values communities and the range of assets they possess	collaboration	<ul style="list-style-type: none"> <li>• Hubs Network</li> <li>• Community Interactions – forums/events</li> <li>• Access to funding opportunities</li> <li>• Community Development work through Community Partnership Team</li> <li>• Mapping community assets and needs</li> <li>• Programme of environmental improvement works</li> <li>• Provision of CCTV &amp; anti-social behaviour interventions</li> <li>• Purple Flag accreditation</li> <li>• Priority families (as above)</li> <li>• #westand together events</li> <li>• Events safety advisory groups</li> <li>• Food Safety Interventions</li> <li>• Tenancy Engagement events</li> <li>• Green Space Strategy</li> <li>• Improved footpaths links and equipment in outdoor spaces</li> <li>• Keeping parks clean, safe and well maintained</li> </ul>	Support the development of Acre Close Community Centre
	Services and resources in place that are based on community identified needs		
<b>8 - Work in partnership with our communities to build capacity and support them to increase their resilience, enabling them to better care for themselves within the community</b>	Communities with greater resilience who are better able to cope with and adapt to pressures	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• Hubs Network (as above)</li> <li>• Community Interactions – forums/events (as above)</li> <li>• Access to funding opportunities (as above)</li> <li>• Community Development work through Community partnership team (as above)</li> <li>• Mapping community assets and needs (as above)</li> <li>• Established Health Visitor sessions &amp; coffee mornings in council high rise block (as above)</li> </ul>	Development of a community Stadium Development of St Marys Lands to encourage use Project development support to Warwick sea scouts
	Focus on prevention and early information, advice and resources		
	Invest in and direct services and resources that increase resilience, reducing reliance on statutory services		



		<ul style="list-style-type: none"> <li>• Armed Forces Community Covenant</li> <li>• Purple Flag accreditation (as above)</li> <li>• Priority families (as above)</li> <li>• #westand together events (as above)</li> <li>• Events safety advisory groups (as above)</li> <li>• Health Promotion Campaigns with FSA</li> <li>• Heartbeat award scheme</li> <li>• Health and safety interventions in workplaces</li> <li>• Community Gardening social enterprises</li> <li>• Tenancy Engagement events (as above)</li> <li>• Green Space Strategy (as above)</li> <li>• Improved footpaths links and equipment in outdoor spaces (as above)</li> <li>• Keeping parks clean, safe and well maintained (as above)</li> <li>• Walks for health</li> <li>• Playing Pitch Strategy</li> <li>• Improved leisure centre provision</li> <li>• Physical activity programmes through Active South Leamington</li> <li>• Range of sports events</li> <li>• Range of out of school events</li> <li>• Partnership with CSW sport on specific projects</li> <li>• Working with parish councils to develop health and wellbeing plans</li> <li>• Fitter Futures family weight management project</li> <li>• Establishment of measured miles</li> <li>• Social prescribing activities</li> <li>• Exercise referral schemes</li> </ul>	
--	--	---	--

		<ul style="list-style-type: none"> <li>• Walking for health programme</li> <li>• Community Cafes</li> <li>• Community Veg bags</li> <li>• Canny Cooking Project</li> </ul>	
<b>9 - Empower individuals and communities to take control and responsibility for their own and the community's health and wellbeing</b>	Healthier individuals and communities, more informed and taking responsibility for their health and wellbeing	<b><u>Warwick District Council</u></b> <ul style="list-style-type: none"> <li>• Hubs Network (as above)</li> <li>• Community Interactions – forums/events (as above)</li> <li>• Access to funding opportunities (as above)</li> <li>• Community Development work through Community partnership team (as above)</li> <li>• Mapping community assets and needs (as above)</li> <li>• Established Health Visitor sessions &amp; coffee mornings in council high rise block (as above)</li> <li>• Armed Forces Community Covenant</li> <li>• Purple Flag accreditation (as above)</li> <li>• Priority families (as above)</li> <li>• #westand together events (as above)</li> <li>• Events safety advisory groups (as above)</li> <li>• Health Promotion Campaigns with FSA (as above)</li> <li>• Heartbeat award scheme (as above)</li> <li>• Health and safety interventions in workplaces (as above)</li> <li>• Community Gardening social enterprises (as above)</li> <li>• Tenancy Engagement events (as above)</li> <li>• Green Space Strategy (as above)</li> <li>• Improved footpaths links and equipment in outdoor spaces (as</li> </ul>	Development of a community Stadium Development of St Marys Lands to encourage use Project development support to Warwick sea scouts
	Quick and easy access to mental health and wellbeing information and services		
	Front line workers from a range of sectors and community leaders supporting Making Every Contact Count (MECC) and 5 Ways to Wellbeing		

		<p>above)</p> <ul style="list-style-type: none"> <li>• Keeping parks clean, safe and well maintained (as above)</li> <li>• Walks for health (as above)</li> <li>• Playing Pitch Strategy (as above)</li> <li>• Improved leisure centre provision (as above)</li> <li>• Physical activity programmes through Active South Leamington (as above)</li> <li>• Range of sports events (as above)</li> <li>• Range of out of school events (as above)</li> <li>• Partnership with CSW sport on specific projects (as above)</li> <li>• Working with parish councils to develop health and wellbeing plans (as above)</li> <li>• Fitter Futures family weight management project (as above)</li> <li>• Establishment of measured miles (as above)</li> <li>• Social prescribing activities (as above)</li> <li>• Exercise referral schemes (as above)</li> <li>• Walking for health programme (as above)</li> <li>• Community Cafes (as above)</li> <li>• Community Veg bags (as above)</li> <li>• Canny Cooking Project (as above)</li> </ul>	
<b>10 - Ensure infrastructure, public services and resources are effective, accessible and tailored to those communities that need it the most</b>	Communities supported through tailored interventions to build resilience and improved wellbeing	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• Hubs Network (as above)</li> <li>• Community Interactions – forums/events (as above)</li> <li>• Access to funding opportunities (as above)</li> <li>• Community Development work</li> </ul>	Regeneration projects
	The right information, advice and signposting to appropriate forms of available and accessible support within the communities they live (1,3)		
	Interventions and service outcomes measure using		

	<p>existing tools, ensuring they are effective and fit for purpose</p>	<p>through Community partnership team (as above)</p> <ul style="list-style-type: none"> <li>• Mapping community assets and needs (as above)</li> <li>• Established Health Visitor sessions &amp; coffee mornings in council high rise block (as above)</li> <li>• Armed Forces Community Covenant</li> <li>• Purple Flag accreditation (as above)</li> <li>• Priority families (as above)</li> <li>• #westand together events (as above)</li> <li>• Events safety advisory groups (as above)</li> <li>• Community Gardening social enterprises (as above)</li> <li>• Tenancy Engagement events (as above)</li> <li>• Green Space Strategy (as above)</li> <li>• Keeping parks clean, safe and well maintained (as above)</li> <li>• Playing Pitch Strategy (as above)</li> <li>• Improved leisure centre provision (as above)</li> <li>• Physical activity programmes through Active South Leamington (as above)</li> <li>• Partnership with CSW sport on specific projects (as above)</li> <li>• Working with parish councils to develop health and wellbeing plans (as above)</li> <li>• Fitter Futures family weight management project (as above)</li> <li>• Walking for health programme (as above)</li> <li>• Community Cafes (as above)</li> <li>• Community Veg bags (as above)</li> </ul>	
--	--	--	--

		<ul style="list-style-type: none"> <li>• Canny Cooking Project (as above)</li> <li>• Going out and staying safe programme</li> <li>• Street Marshall Scheme</li> <li>• Member of South Warwickshire Community Partnership</li> <li>• Engagement activities with target groups</li> </ul>	
<b>11 -Facilitate communities to take ownership of shaping and transforming local services</b>	Communities and organisations working together to co-design, produce and deliver integrated services	<u><b>Warwick District Council</b></u> <u><b>Warwick District Council</b></u>	
	Social enterprises established and working together with commissioners and organisations to deliver local services	<ul style="list-style-type: none"> <li>• Hubs Network (as above)</li> <li>• Community Interactions – forums/events (as above)</li> <li>• Access to funding opportunities (as above)</li> <li>• Community Development work through Community partnership team (as above)</li> <li>• Mapping community assets and needs (as above)</li> <li>• Established Health Visitor sessions &amp; coffee mornings in council high rise block (as above)</li> <li>• Armed Forces Community Covenant</li> <li>• Purple Flag accreditation (as above)</li> <li>• #westand together events (as above)</li> <li>• Events safety advisory groups (as above)</li> <li>• Tenancy Engagement events (as above)</li> <li>• Green Space Strategy (as above)</li> <li>• Improved footpaths links and equipment in outdoor spaces (as above)</li> <li>• Keeping parks clean, safe and well</li> </ul>	

		<p>maintained (as above)</p> <ul style="list-style-type: none"> <li>• Walks for health (as above)</li> <li>• Improved leisure centre provision (as above)</li> <li>• Partnership with CSW sport on specific projects (as above)</li> <li>• Working with parish councils to develop health and wellbeing plans (as above)</li> <li>• Walking for health programme (as above)</li> <li>• Community Veg bags (as above)</li> <li>• Canny Cooking Project (as above)</li> </ul>	
<b>12 - Improve educational attainment and access to learning at all ages</b>	Improved educational attainment learning opportunities for all, particularly with those eligible for free school meals	<p><b><u>Warwick District Council</u></b></p> <ul style="list-style-type: none"> <li>• Hubs Network (as above)</li> <li>• Community Interactions – forums/events (as above)</li> <li>• Access to funding opportunities (as above)</li> <li>• Community Development work through Community partnership team (as above)</li> <li>• Mapping community assets and needs (as above)</li> <li>• Keeping parks clean, safe and well maintained (as above)</li> <li>• Walks for health (as above)</li> <li>• Playing Pitch Strategy (as above)</li> </ul>	
<b>13 - Facilitate communities to expand social capital and neighbourliness, building and increase in resilience</b>	<p>Strong social and community networks that are cohesive and connected with less isolation (2)</p> <p>Volunteers are community champions and supported to work with their community</p>	<p><b><u>Warwick District Council</u></b></p> <ul style="list-style-type: none"> <li>• Hubs Network (as above)</li> <li>• Community Interactions – forums/events (as above)</li> <li>• Access to funding opportunities (as above)</li> <li>• Community Development work through Community partnership team</li> </ul>	

		<p>(as above)</p> <ul style="list-style-type: none"> <li>• Mapping community assets and needs (as above)</li> <li>• Established Health Visitor sessions &amp; coffee mornings in council high rise block (as above)</li> <li>• Armed Forces Community Covenant</li> <li>• #westand together events (as above)</li> <li>• Engagement with target groups for ASB</li> <li>• Going out and staying safe</li> <li>• Events safety advisory groups (as above)</li> <li>• Green Space Strategy (as above)</li> <li>• Improved footpaths links and equipment in outdoor spaces (as above)</li> <li>• 'Friends of' groups</li> <li>• Range of sports events (as above)</li> <li>• Working with parish councils to develop health and wellbeing plans (as above)</li> <li>• Walking for health programme (as above)</li> <li>• Community Cafes (as above)</li> <li>• Community Veg bags (as above)</li> <li>• Canny Cooking Project (as above)</li> </ul>	
--	--	--	--

## Integration and working together

Outcome	Output/measure	Achievements made/projects delivered/ongoing	Work/activity Coming up
<b>14 - Support people to remain healthy and independent, in their own homes for longer</b>	Developed the care coordinator model based on clusters of GPs coordinating services to minimise acute sector usage	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• Workplace wellbeing Charter assessments undertaken</li> <li>• Priority families</li> <li>• Voluntary Contract commissioning activities</li> <li>• Contributor to the Joint Healthy South Warwickshire</li> <li>• Active member of the food for health group</li> <li>• Breathing Space project</li> <li>• Wildlife trust volunteer activities</li> </ul>	Regeneration projects including GPs Development of Sports and Community Hubs
	An emergency response team that will reduce admissions to acute and residential care		
	Delivered the reablement strategy and options appraisal for wrap around support		
	Reduction in emergency admissions and an increase in more appropriate use of primary care (8,39,40,41, 68,70,72,78,82)		
	Reduced the amount of time people unnecessarily stay in hospital (11,68,70,72,78,82)		
<b>15 - Improve accessibility and visibility of 'front doors' to support people, to make the right choice, the easiest choice, informed by customer journey examples</b>	Redesigned services appropriately, having considered integration options	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• H&amp;WB in council strategies, plans and projects.</li> <li>• Voluntary Contract commissioning activities (as above)</li> <li>• Contributor to the Joint Healthy South Warwickshire (as above)</li> <li>• Wildlife trust volunteer activities (as above)</li> <li>• Warwickshire big day out project</li> <li>• Breathing Space project</li> </ul>	Regeneration projects including GPs
	Undertaken customer journey mapping of experiences at front door services		
	Scoped the IT and infrastructure requirements needed to facilitate delivery		
<b>16 - Improve care coordination in the community for high risk/cost patients</b>	Used appropriate engagement methods and worked with individuals, their carers and families to assist in the redesign of services	<u><b>Warwick District Council</b></u> <ul style="list-style-type: none"> <li>• Priority families (as above)</li> <li>• Voluntary Contract commissioning activities (as above)</li> <li>• Contributor to the Joint Healthy South Warwickshire (as above)</li> <li>• Active member of the food for health group (as above)</li> <li>• Warwickshire big day out project (as</li> </ul>	Development of Sports and community hubs
	Establish multi agency project groups to identify models that best fit the local areas, based around an integrated team approach. Using case management, linked to GP clustered practices		
	Incorporated the requirement to align processes for accessing personal budgets		




		above)	
<b>17 - Improve data sharing, IT infrastructure and health and social care governance</b>	Establish compatible systems to enable sharing of data	<b>Warwick District Council</b> <ul style="list-style-type: none"> <li>Continuing development of systems</li> </ul>	
	Enable the use of NHS numbers to be used as unique identifiers to share data and business intelligence, using a 'hub' where key data on individuals can be collated in a joint summary care record		
	Developed a solution for the ability to send information confidentially and safely between organisations without compromising information governance		
<b>18 - Improve partnerships across the wider social determinants of health</b>	Improved working with <b>housing, planning and licensing</b> to create healthy environments for individuals, families and communities to live	<b>Warwick District Council</b> <ul style="list-style-type: none"> <li>H&amp;WB part of the local plan</li> <li>Creation of overview and scrutiny health committee, south Warwickshire health partnership,</li> <li>Workplace wellbeing Charter assessments undertaken (as above)</li> <li>Engagement and involvement in a range of partnerships.</li> <li>Priority Families (as above)</li> <li>Voluntary Contract commissioning activities (as above)</li> <li>Contributor to the Joint Healthy South Warwickshire (as above)</li> <li>Warwickshire big day out project (as above)</li> <li>Breathing Space Project (as above)</li> </ul>	Regeneration projects including GPs Development of Sports and community hubs
	A continued focus to <b>support families affected by crime, unemployment and poor educational attainment</b>		
	Successful integrated work to tackle crime, reduce reoffending and excessive alcohol intake		
	Created safer communities through the reduction of crime and the promotion of safety		

## Appendix 3 - Director of Public Health Annual Report 2016 – Recommendations (endorsed by the HWBB)

Report is available online - [publichealth.warwickshire.gov.uk/annual-report/](http://publichealth.warwickshire.gov.uk/annual-report/)

Recommendation	Achievements made/projects delivered/ongoing (vignette template A)	Work/activity Coming up (vignette template B)
<p>Recommendation 1- STP – I recommend the <u>Health &amp; Wellbeing Board (HWBB)</u> does all it can to ensure that the local STPs acknowledge their individual organisational responsibilities to focus on prevention and early intervention</p>	<p>Councillor awareness briefing Sub Committee awareness briefing Senior Officers awareness briefing Formation of the South Warwickshire Health Partnership</p>	<p>Actions to be agreed by newly formed SWHP</p>
<p>Recommendation 2 - Community Capacity I recommend that all statutory partners with health and wellbeing responsibilities across Warwickshire:</p> <ul style="list-style-type: none"> <li>• develop a coordinated comprehensive asset based approach to community capacity;</li> <li>• recognise and support the increasing role played by informal carers;</li> <li>• ensure the other 'Community assets' - families, friends and local people who have the ability to support each other; and</li> <li>• promote 'wellbeing' and empower people to find solutions to improve their health and wellbeing</li> </ul>	<p>Reviewed the delivery of Health and Wellbeing within WDC Mapped WDC contributions</p>	<p>Actions to be agreed for 2018-19</p>
<p>Recommendation 3 - Place based working I recommend the HWBB partners:</p> <ul style="list-style-type: none"> <li>• renew their commitment to place based working to improve health and wellbeing;</li> <li>• promote and challenge the STP to acknowledge and embed this place based working at the core of their plans; and</li> <li>• engage with local government assets such as housing, transport and planning to develop a healthy places approach</li> </ul>	<p>Reviewed the delivery of Health and Wellbeing within WDC Mapped WDC contributions</p>	
<p>Recommendation 4 - Making Every Contact Count I recommend the HWBB partners:</p> <ul style="list-style-type: none"> <li>• commit to the principles of MECC;</li> <li>• promote the MECC approach;</li> <li>• ensure all front line staff are trained in the Five Ways to</li> </ul>	<p>Being delivered by front line officers</p>	

<p>Wellbeing/MECC approach and feel confident to have the conversation, where appropriate; and</p> <ul style="list-style-type: none"> <li>include Five Ways to Wellbeing/MECC as an essential element of the induction programme for new staff</li> </ul>		
<p>Recommendation 5 - The workplace I recommend that all statutory partners in Warwickshire:</p> <ul style="list-style-type: none"> <li>sign up to the 'Workplace Wellbeing charter' (or equivalent);</li> <li>promote adoption of the charter through the Local Enterprise Partnership (LEP) and the Chamber of Commerce; and</li> <li>encourage a similar commitment from partners across the combined authority area</li> </ul>	<p>Have achieved Workplace Wellbeing Charter Assess WWC for other organisations Use Smoke free staff to cross promote WWC.</p>	

 <b>Health Scrutiny Sub-Committee – 17 January 2017</b>		<b>Agenda Item No. 6</b>
<b>Title</b>	Review of the Work Programme & Forward Plan	
<b>For further information about this report please contact</b>	Lesley Dury, Committee Services Officer, 01926 456114 or <a href="mailto:committee@warwickdc.gov.uk">committee@warwickdc.gov.uk</a>	
<b>Wards of the District directly affected</b>	N/A	
<b>Is the report private and confidential and not for publication by virtue of a paragraph of schedule 12A of the Local Government Act 1972, following the Local Government (Access to Information) (Variation) Order 2006?</b>	No	
<b>Date and meeting when issue was last considered and relevant minute number</b>	4 July 2017	
<b>Background Papers</b>		

<b>Contrary to the policy framework:</b>	No
<b>Contrary to the budgetary framework:</b>	No
<b>Key Decision?</b>	No
<b>Included within the Forward Plan? (If yes include reference number)</b>	No
<b>Equality Impact Assessment Undertaken</b>	No
Not applicable.	

Officer/Councillor Approval		
Officer Approval	Date	Name
Chief Executive/Deputy Chief Executive		
Head of Service		
CMT		
Section 151 Officer		
Monitoring Officer		
Finance		
Portfolio Holder(s)		
Consultation & Community Engagement		
Not applicable.		
Final Decision?		Yes
Suggested next steps (if not final decision please set out below)		

## 1. **Summary**

- 1.1 This report informs the Sub-Committee of its work programme for 2017/2018 (Appendix 1) and of the current Forward Plan (Appendix 2).

## 2. **Recommendation**

- 2.1 Members consider the work programme and agree any changes as appropriate.
- 2.2 Any amendments suggested at the meeting for the Work Programme, be made accordingly;

## 3. **Reasons for the Recommendation**

- 3.1 The work programme should be updated at each meeting to accurately reflect the workload of the Sub-Committee.

## 4. **Policy Framework**

### 4.1 **Fit for the Future (FFF)**

The Council's FFF Strategy is designed to deliver the Vision for the District of making it a Great Place to Live, Work and Visit. To that end amongst other things the FFF Strategy contains several Key projects.

The FFF Strategy has 3 strands – People, Services and Money and each has an external and internal element to it. The table below illustrates the impact of this proposal if any in relation to the Council's FFF Strategy.

<b>FFF Strands</b>		
<b>People</b>	<b>Services</b>	<b>Money</b>
<b>External</b>		
<b>Health, Homes, Communities</b>	<b>Green, Clean, Safe</b>	<b>Infrastructure, Enterprise, Employment</b>
<u>Intended outcomes:</u> Improved health for all Housing needs for all met Impressive cultural and sports activities Cohesive and active communities	<u>Intended outcomes:</u> Area has well looked after public spaces All communities have access to decent open space Improved air quality Low levels of crime and ASB	<u>Intended outcomes:</u> Dynamic and diverse local economy Vibrant town centres Improved performance/productivity of local economy Increased employment and income levels
<b>Impacts of Proposal</b>		
Nil	Nil	Nil
<b>Internal</b>		
<b>Effective Staff</b>	<b>Maintain or Improve Services</b>	<b>Firm Financial Footing over the Longer Term</b>
<u>Intended outcomes:</u> All staff are properly trained	<u>Intended outcomes:</u> Focusing on our customers' needs	<u>Intended outcomes:</u> Better return/use of our assets

All staff have the appropriate tools All staff are engaged, empowered and supported The right people are in the right job with the right skills and right behaviours	Continuously improve our processes Increase the digital provision of services	Full Cost accounting Continued cost management Maximise income earning opportunities Seek best value for money
<b>Impacts of Proposal</b>		
Nil	Dialogue between Scrutiny and Executive enables robust decision making and ensures all elements of the proposal in respect of service provision are taken into account. The Health Scrutiny Sub-Committee reports directly to the Overview & Scrutiny Committee.	Nil

## 4.2 **Supporting Strategies**

Each strand of the FFF Strategy has several supporting strategies; however, this report is for governance purposes. However, Members need to be mindful of the objectives above, when deciding what topics to add to the Work Programme.

The work carried out by the Sub-Committee helps the Council to improve in line with its priority to manage services openly efficiently and effectively.

## 4.3 **Changes to Existing Policies** - There are no changes to existing policies.

## 4.4 **Impact Assessments** - There are no new policy changes in respect of Equalities.

## 5. **Budgetary Framework**

### 5.1 All work for the Sub-Committee has to be carried out within existing resources. Therefore, there is a limit to the time available that officers will have to assist Members, so the Sub-Committee may wish to prioritise areas of investigation.

## 6. **Risks**

### 6.1 This Sub-Committee contributes to the effective minimisation of risk by fulfilling its duties in a timely manner and reporting directly to the Overview & Scrutiny Committee which in turn, scrutinises the work undertaken by the Executive.

## 7. **Alternative Option(s) considered**

### 7.1 The only alternative option is not to undertake this aspect of the overview and scrutiny function.

## 8. **Background**

- 8.1 At each meeting, the Sub-Committee will consider its work programme and the Council's published Forward Plan and make amendments where necessary to its work programme.
- 8.2 Overview & Scrutiny Committee may request that the Sub-Committee undertakes areas of health Scrutiny.
- 8.3 Officers may present reports to the Sub-Committee to seek direction on their content.
- 8.4 Warwickshire County Council, as the lead authority for Health Scrutiny, can ask the District Council to undertake areas of health scrutiny.

**Health Scrutiny Sub-Committee**  
**Work Programme 2017-2018**

**21 November 2017**

<b>Title</b>	<b>Where did item originate from</b>	<b>Format</b>	<b>Lead Officer / Councillor</b>	<b>Membership of Task &amp; Finish</b>	<b>Next report date if applicable</b>	<b>Completion date</b>
Annual Status Report – Air Quality Management – <i>Item 4 on the agenda</i>		Written Report	Matthew Shirley / Michael Jenkins		November 2018	Annual report
Health & Wellbeing Annual Update Report – <i>Item 5 on the agenda</i>		Written Report	Marianne Rolfe / Bernadette Allen		November 2018	Annual report
WCC Adult Social Care & Health Overview & Scrutiny Committee		Verbal Report on meeting 13 September 2017 and forthcoming meeting agenda 22 November 2017	Cllr Mrs Redford		Each meeting	Ongoing
Feedback from other Councillors who sit on outside bodies concerning health & wellbeing		Verbal reports	Councillors Mrs Falp and Mrs Knight		Each meeting	Ongoing



**16 January 2018**

<b>Title</b>	<b>Where did item originate from</b>	<b>Format</b>	<b>Lead Officer</b>	<b>Membership of Task &amp; Finish</b>	<b>Next report date if applicable</b>	<b>Completion date</b>
Community Impact Assessment		Written report				16 January 2018
How we have embedded Health & Wellbeing at the strategic level and wider District level		Written report	Marianne Rolfe			16 January 2018
Joint Strategic Needs Assessment (JSNA) and how we have used it		Written report	Marianne Rolfe			16 January 2018
WCC Health & Wellbeing Board meetings update		Verbal Report	Portfolio Holder		Each meeting	Ongoing
WCC Adult Social Care & Health Overview & Scrutiny Committee		Verbal Report on meeting 22 November 2017 and forthcoming meeting agenda 24 January 2018	Cllr Mrs Redford		Each meeting	Ongoing
Feedback from other Councillors who sit on outside bodies concerning health & wellbeing		Verbal reports	Councillors Mrs Falp and Mrs Knight		Each meeting	Ongoing

Health Strategy Update		Written Report	Elizabeth Young / Bernie Allen		Each Meeting	Ongoing
------------------------	--	----------------	--------------------------------	--	--------------	---------

**14 March 2018**

<b>Title</b>	<b>Where did item originate from</b>	<b>Format</b>	<b>Lead Officer</b>	<b>Membership of Task &amp; Finish</b>	<b>Next report date if applicable</b>	<b>Completion date</b>
How we have addressed health & wellbeing of staff		Written report	Karen Weatherburn			14 March 2018
WCC Health & Wellbeing Board meetings update		Verbal Report	Portfolio Holder		Each meeting	Ongoing
WCC Adult Social Care & Health Overview & Scrutiny Committee		Verbal Report on meeting 24 January 2018 (next meeting 14 March 2018)	Cllr Mrs Redford		Each meeting	Ongoing
Feedback from other Councillors who sit on outside bodies concerning health & wellbeing		Verbal reports	Councillors Mrs Falp and Mrs Knight		Each meeting	Ongoing
Health Strategy Update		Written Report	Elizabeth Young / Bernie Allen		Each Meeting	Ongoing

**Items where a date is to be set**

- Cultural Services – Physical Activity promotion and development
- Care Quality Commission – external speaker
- A report on the Housing Assessment Team, including Disabled Facilities grants
- Safer Communities – Student Noise Control
- Bulk collection and fly tipping
- Policy & Projects Manager – use of S106/Community Infrastructure Levy monies for Health & Wellbeing projects –to be brought forward and prioritised when the rules for CIL are defined
- Environmental Health - Food Safety regulation and Infection Control
- Environmental Health - Health & Safety Regulation
- Ask the Community what it wants as H&W priorities
- Housing & Property Services – Council housing stock – standards relevant to Health & Wellbeing
- Physical Activity for WDC staff - Tracy Murphy (Coventry, Solihull & Warks Sport) CSW



## **Appendix 2 - Warwick District Council Forward Plan November 2017 to January 2018**

**Councillor Andrew Mobbs  
Leader of the Executive**

The Forward Plan is a list of all the Key Decisions which will be taken by the Executive in the next four months. The Warwick District Council definition of a key decision is: - a decision which has a significant impact or effect on two or more wards and/or a budgetary effect of £50,000 or more.

Whilst the majority of the Executive's business at the meetings listed in this Forward Plan will be open to the public and media organisations to attend, there will inevitably be some business to be considered that contains, for example, confidential, commercially sensitive or personal information.

This is formal notice under the Local Authorities (Executive Arrangements)(Meetings and Access to Information)(England) Regulations 2012 that part of the Executive meeting listed in this Forward Plan will be held in private. This is because the agenda and reports for the meeting will contain exempt information under Part 1 of Schedule 12A to the Local Government Act 1972 (as amended) and that the public interest in withholding the information outweighs the public interest in disclosing it. Those items which are proposed to be considered in private are marked as such along with the reason for the exclusion in the list below.

If you would like to make representations or comments on any of the topics listed below, including the confidentiality of any document, you can write to the contact officer, as shown below, at Riverside House, Milverton Hill, Royal Leamington Spa, Warwickshire, CV32 5HZ. Alternatively you can phone the contact officer on (01926) 456114. If your comments are to be referred to in the report to the Executive or Committee they will need to be with the officer 7 working days before the publication of the agenda. You can, however, make comments or representations up to the date of the meeting, which will be reported orally at the meeting. The Forward Plan will be updated monthly and you should check to see the progress of the report you are interested in.

**(909)**

## Section 1 – The Forward Plan November 2017 to January 2018

Topic and Reference	Purpose of report	If requested by Executive – date, decision & minute no.	Date of Executive, Committee or Council meeting	Publication Date of Agendas	Contact Officer & Portfolio Holder	External Consultees/ Consultation Method/ Background Papers
---------------------	-------------------	---	---	-----------------------------	------------------------------------	---

### 29 November 2017

Civil penalties for private sector enforcement work (ref 908)	Purpose is to agree a policy to use fines rather than court action in specific private sector housing enforcement cases		Executive 29/11/2017	21/11/2017	Ken Bruno Cllr Phillips	
General Fund Base Budgets 2018/19 to include Budget Review for the current year and FFF update (Ref 877)	To consider the following year revenue budgets for the General Fund and update Members on the latest Budgets for 2017/18 and Fit for the Future (FFF) update.		Executive 29/11/2017	21/11/2017	Marcus Miskinis Cllr Whiting	
HRA Base Budgets 2018/19 (Ref 878)	To consider the following year revenue budgets for the HRA and update Members on the latest position for the current year.		Executive 29/11/2017	21/11/2017	Andrew Rollins Cllr Phillips	
Consideration of a Hackney Carriage Vehicle Limitation Policy (Ref 851)	To update members on the results of the WDC Hackney Carriage Unmet Demand Survey and: <b>Meeting 1</b> – Introduce highlights of survey and propose a 6 week consultation on recommended options outlined in the survey. <b>Meeting 2</b> – Update on the consultation & determine any change to policy, following the		Executive 29/11/2017	21/11/2017	Lorna Hudson Cllr Thompson	Taxi trade, local business, safer communities, disability, equality and other local group representatives, Town Councils, Police. Questionnaire on website/email. CTS Traffic &

	consultation.					Transportation Final Report - July 2016 Licensing & regulatory Committee 25/9/2017
Corporate Apprenticeships Funding (Ref 903)	To consider the funding for the corporate apprenticeship scheme		Executive <del>1/11/2017</del> Reason 1 29/11/2017	21/11/2017	Elaine Priestley Cllr Mobbs	

**December 2017** – No scheduled Executive meetings at this time

**4 January 2018** – No items planned for consideration at this time

Revisions to the Constitution/ Delegation Agreement (Ref 819)	To request revisions to the Constitution/ Delegation Agreement with regard to the determination of Planning Applications.		Executive 4/1/2018	19/12/2017	Tracy Darke/Gar y Fisher  Cllr Rhead	
Business Improvement District Leamington (Ref 906)	To receive an update on the renewal process for Leamington Spa BID		Executive 4/1/2018	19/12/2017	Suzee Laxton Cllr Butler	
12 Month Review of New Housing Allocations Policy (Ref 858)	To review the working of the new Housing Allocations Policy.		Executive <del>29/11/2017</del> Reason 1 4/1/2018	19/12/2017	Ken Bruno Cllr Phillips	
Homelessness initiatives and the Homelessness Reduction Act 2017 (Ref 907)	Purpose of report is to consider current and proposed initiatives for tackling homelessness in the light of new legislation		Executive 4/1/2018	19/12/2017	Ken Bruno Cllr Phillips	

Section 2 Key decisions which are anticipated to be considered by the Council between February and April 2018						
Topic and Reference	Purpose of report	If requested by Executive – date, decision & minute no.	Date of Executive, Committee or Council meeting	Publication Date of Agendas	Contact Officer & Portfolio Holder	External Consultees/ Consultation Method/ Background Papers
<b>7 February 2018</b>						
General Fund 2018/19 Budgets & Council Tax (Ref 885)	To update Members on the overall financial position of the Council, consider the General Fund Revenue and Capital Budgets for the following financial Year. To propose the Council Tax for the following year		Executive 7/2/2018	30/1/2018	Mike Snow Cllr Whiting	
HRA Rent Setting 2018/19 (Ref 886)	To report on the proposed level of Housing Rents for the following year and the proposed budget		Executive 7/2/2018	30/1/2018	Mike Snow Cllr Phillips	
Heating, Lighting and Water Charges 2018/19 – Council Tenants (Ref 887)	To propose the level of recharges to council housing tenants to recover the costs of communal heating, lighting and water supply		Executive 7/2/2018	30/1/2018	Mike Snow Cllr Phillips	
Treasury Management Strategy (Ref 888)	To seek member approval of the Treasury Management Strategy and Investment Strategy for the forth coming year		Executive 7/2/2018	30/1/2018	Mike Snow Cllr Whiting	
Re-commissioning of services provided by the Voluntary and Community Sector 2018-2021 and review of VCS investment (Ref 884)	For members to approve the tender specification for the re-commissioning of VCS services for 2018-2021 and to approve the recommendations for savings relating to the Council's investment in the VCS within the H&CP budget for 2018 – 19.		Executive 29/11/2017 4/1/2018 Reason 5 7/2/2018	30/1/2018	Liz Young Cllr Thompson	To follow

	(It is anticipated that part or all of this report will be considered in confidential session by the Executive because it contains information relating to the financial or business affairs of any particular person (including the authority holding that information))					
--	---	--	--	--	--	--

### 7 March 2018

One Stop Shop Business Case (Ref 894)	Provide a Business Case to ensure that the shared One Stop Shop Service is in line with Warwick District Council's ICT & Digital Strategy 2015-19		Executive 7/3/2018	27/2/2018	Graham Folkes-Skinner  Cllr Grainger	
Car Park Strategy (Ref 895)	To seek approval for the proposed car parking strategy 2018-2028		Executive 7/3/2018	27/2/2018	Paul Garrison Cllr Grainger	

### Section 3 Key decisions which are anticipated to be considered by the Council but the date for which is to be confirmed

Topic and Reference	Purpose of report	History of Committee Dates & Reason code for deferment	Contact Officer & Portfolio Holder	Expansion on Reasons for Deferment	External Consultees/ Consultation Method/ Background Papers	Request for attendance by Committee
Council Development Company (Ref 727)	To consider a report on establishing a Council Development Company.	Executive 9/3/2016 2/6/2016 29/6/2016 Reasons 1 & 2	Bill Hunt Cllr Phillips	Awaiting further information on the implications of the Housing & Planning Act.		
Leisure Development – Phase II	To agree the scope of Phase II.	Executive 28/9/2016 Reason 5	Rose Winship  Cllr Coker			



(Kenilworth) (Ref 803)						
HRA Asset Management and Development Policy (Ref 829)			Bill Hunt Cllr Phillips			
Recording and Broadcasting of Public Meetings (Ref 840)	To inform members of the research into the potential to record and broadcast all Council meetings as per the Notice of Motion to Council.	Council 29/6/2016 Executive <del>5/1/2017</del> <del>8/2/2017</del> Reason 3	Graham Leach Cllr Mobbs	Currently being investigated in tandem with Council Chamber PA issues.		
Councillors IT (Ref 841)	To report back on the work of the Councillor IT Working Party.	Executive <del>5/1/2017</del> <del>8/2/2017</del> Reason 3	Graham Leach Cllr Mobbs	Awaiting the outcome of Members' Allowances Review.		
WDC Enterprise – New Trading Arm (Ref 817)	To seek approval to establish a Local Authority Trading Company, to expand support provision whilst capitalising on existing skills to maximise income.	Executive <del>2/11/2016</del> Reason5 <del>5/1/2017</del> Reason5 <del>8/2/2017</del> Reason 5	Gayle Spencer Cllr Butler			
Events Review (Ref 832)	To review the provision and support of events in the District.	Executive <del>8/3/2017</del> Reason 4	James DeVile Cllr Butler			
HQ Relocation Project – outcome of phase 1 work (Ref 801)	To consider the outcomes of the phase 1 work and, if appropriate, seek approval for commencement of the phase 2 delivery works.	Executive <del>26/07/2017</del> Reason 3	Bill Hunt Cllrs Mobbs, Whiting, Rhead, Butler, Grainger	Timing is dependent on the completion of the planning, marketing and procurement processes.		
Proposed Relocation of Kenilworth School	To agree the Council's level of support in enabling the school to take its proposals forward.	Executive <del>28/06/2017</del> Reason 3	Andrew Jones Cllr Mobbs			

(Ref 869)						
Policy on Regulating the Private Rented Sector (Ref 880)	To adopt a revised policy on private rented sector regulation in light of new legislation and guidance.		Ken Bruno Cllr Phillips	Awaiting the publication of government guidance.		
Linen Street Car Park (Ref 861)	To consider recommendations for redevelopment for the Linen Street Car Park facility	Executive <del>28/06/2017</del> Reason 3	Paul Garrison Cllr Grainger			Ward Councillors
Leamington Cemetery North Lodge (Ref 828)	To review the future use of Leamington Cemetery North Lodge.	Executive <del>4/4/2017</del> <del>28/06/2017</del> <del>31/08/2017</del> Reason 3	Rob Hoof Cllr Grainger			
Corporate Asset Management Strategy (Ref 641)	To propose an Asset Management Strategy for all the Council's buildings and land holdings.	Executive <del>29/6/2016</del> Reason 5 <del>1/9/16</del> Reasons 3 & 5 <del>5/1/2017</del> Reasons 3 & 5 <del>8/2/2017</del> Reasons 3 & 5 <del>26/07/2017</del> Reasons 3 & 5 <del>31/8/2017</del> Reason 3	Bill Hunt Cllrs Mobbs, Butler, Grainger, Coker & Whiting			
Leamington Spa Car Parking Displacement Plan (Ref 844)	To set out the options available should vehicles be displaced from Covent Garden car park and to consider alternative parking options within Leamington Town Centre.	Executive <del>4/4/2017</del> Reason 2 <del>31/08/2017</del> Reason 3 <del>27/9/2017</del> Reason 5	Gary Charlton  Cllr Grainger			

**Section 4 – Items which are anticipated to be considered by the Executive but are NOT key decisions**

Topic and Reference	Purpose of report	If requested by Executive – date, decision & minute no.	Date of Executive, Committee or Council meeting	Publication Date of Agendas	Contact Officer & Portfolio Holder	External Consultees/ Consultation Method/ Background Papers
---------------------	-------------------	---	---	-----------------------------	------------------------------------	---

#### 29 November 2017

Rural Urban Community Initiative Scheme Applications	To consider applications for Rural and Urban Initiative Grants.		Executive 29/11/2017	21/11/2017	Jon Dawson Cllr Whiting	
Internal Audit Quarter 2 Progress Report	To review progress in achieving the Audit Plan.		Executive 29/11/2017	21/11/2017	Jon Dawson Cllr Whiting	

**December 2017** – No scheduled Executive meetings at this time.

#### 4 January 2018

Rural Urban Community Initiative Scheme Applications	To consider applications for Rural and Urban Initiative Grants.		Executive 4/1/2018	21/12/2017	Jon Dawson Cllr Whiting	
Review of Significant Business Risk Register	To inform Members of the Significant Risks to the Council		Executive 4/1/2018	21/12/2017	Richard Barr Cllr Mobbs	

#### 7 February 2018

Rural Urban Community Initiative Scheme Applications	To consider applications for Rural and Urban Initiative Grants.		Executive 7/2/2018	30/1/2018	Jon Dawson Cllr Whiting	
--	---	--	--------------------	-----------	----------------------------	--

**7 March 2018** - No scheduled reports at this time.

#### Delayed reports:

If a report is late, officers will establish the reason(s) for the delay from the list below and these will be included within the plan above:

1. Portfolio Holder has deferred the consideration of the report
2. Waiting for further information from a Government Agency
3. Waiting for further information from another body
4. New information received requires revision to report
5. Seeking further clarification on implications of report

**Details of all the Council's committees, Councillors and agenda papers are available via our website [www.warwickdc.gov.uk/committees](http://www.warwickdc.gov.uk/committees)**

**The forward plan is also available, on request, in large print on request, by telephoning (01926) 456114**