



2018 Air Quality Annual Status Report (ASR)

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

June 2018

North Dorset District Council

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Executive Summary: Air Quality in Our Area

Description of Local Authority Area

North Dorset is located in the south west of England, bordering Somerset and Wiltshire. It is predominantly a rural area comprising of five major market towns: Blandford Forum, Gillingham, Shaftesbury, Stalbridge and Sturminster Newton. The rural area of North Dorset covers 235 square miles. In the south and east of the District are the Dorset Downs and Cranborne Chase, both officially recognised as Areas of Outstanding Natural Beauty. The Blackmore Vale and Limestone Ridges occupies the northern and western part of the District. Appendix D shows the boundary of the District.

Air Quality in North Dorset 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^{1,2}.

The annual health cost to society of the impacts of particulate matter alone in the UK is estimated to be around £16 billion³.

North Dorset District Council (NDDC) currently has no monitoring sites within its boundaries. However, following comments from Defra in relation to the 2017 ASR NDDC has considered the areas suggested and plan to begin monitoring for NO₂ in a number of locations within the district from April 2018 for a year. The results will then be reported in the 2019 ASR.

Actions to Improve Air Quality

No AQMA has previously been declared and no Action Plans have previously been required.

¹ Environmental equity, air quality, socioeconomic status and respiratory health, 2010

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

³ Defra. Abatement cost guidance for valuing changes in air quality, May 2013

It is therefore proposed to submit this ASR; the next step will be to undertake monitoring as described above and report the results in the 2019 ASR.

Conclusions and Priorities

North Dorset District Council is working proactively with Development Control and local businesses by way of the permitting regime and Dorset County Council to ensure that air quality is continually reviewed. In addition, North Dorset District Council is involved with the pan-Dorset PM_{2.5} project with Dorset Public Health.

Local Engagement and How to get involved

Our Local Plan states “Everyone has a role to play in tackling climate change and in adapting to its impacts. Community based initiatives such as local car share schemes, village hall investments, biofuel utilisation, community emergency support and renewable energy part ownership will be supported by the Council.

Neighbourhood plans may address the adaptation and mitigation of climate change at the community level as recognition that all neighbourhoods can contribute towards tackling climate change in a way which is appropriate to their local area.”

The *Dorset For You* website <https://www.dorsetforyou.com/TravelDorset> includes measures the public can actively use to improve air quality within the area, these include matters such as interactive cycle maps, adult cycle training and walking routes and trails.

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1 Local Air Quality Management

This report provides an overview of air quality in North Dorset District Council during 2017. 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 North Dorset 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 A.1 in Appendix A.

A summary of previous review and assessments can be found in Appendix B.

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.

North Dorset District Council currently does not have any AQMAs.

2.2 Progress and Impact of Measures to address Air Quality in North Dorset District Council

Defra's appraisal of last year's ASR concluded:

North Dorset District Council has no AQMA, and consequently no associated air quality action plan (AQAP). The report highlights there has been no routine monitoring carried out since 2009, a decision made due to pollutant concentrations being consistently and significantly below objective levels.

The ASR highlights that there are no sources of concern within the district. The most recent detailed assessment for PM₁₀ at the HGV wash facility in Gillingham concluded that it was unlikely objectives would be exceeded. There was no recommendation for further monitoring; however, it has been recommended that activities at the facility be kept under review.

The report outlines a number of on-going measures the council undertakes to protect and improve local air quality, including the Carbon Management Programme, Local Transport Plan, and recently updated Local Plan. Interactive cycle maps, cycle training, and a car share scheme are also provided. The council has committed to addressing climate change, and have been working in collaboration with Public Health Dorset and Southampton University to formulate a PM_{2.5} monitoring and modelling project.

On the basis of the evidence provided by the local authority the conclusions reached are acceptable for all sources and pollutants, under the provisos listed below.

The next step for North Dorset District Council is to submit an Annual Status Report in 2018.

Commentary

The report is well structured, detailed, and provides the information specified in the Guidance.

North Dorset District Council

- 1. It is noted that the District Council does not appear to have conducted any routine air quality monitoring, and previous assessments have all been made on the basis of modelling.*
- 2. We suggest it is possible that the status of air quality in North Dorset may have changed over the last 10 years, traffic levels are likely to have increased, and we recommend that air quality should be monitored at locations where raised pollution levels can be expected.*
- 3. We recommend that the council undertake a short monitoring campaign for a minimum of a year at locations that are likely to experience the highest nitrogen dioxide concentrations at locations of relevant public exposure within the district. This should provide reassurance that pollution levels are reviewed based upon current evidence.*
- 4. Monitoring should be considered for road junctions or areas of traffic congestion in Gillingham, Shaftesbury and Blandford Forum.*
- 5. This will provide the Council with updated information to aid them in future air quality decisions, and ensure compliance with section 82 of the Environmental Act 1995, which provides that every local authority shall review the air quality within its area, both at the present time and the likely future air quality.*

Following the commentary from Defra in relation to the 2017 ASR, NDDC has considered a number of locations in the district which may experience higher levels of NO₂ at locations of relevant exposure. The following sites have been identified and diffusion tube monitoring will be undertaken for 12 months from April 2018, and reported in the 2019 ASR.

- Blandford Forum
- Gillingham
- Shaftesbury
- Sturminster Newton
- Melbury Abbas
- Spetisbury

The following Strategies that will have a beneficial impact upon air quality are outlined below:

North Dorset District Council Carbon Management Programme (CMP)

North Dorset District Council's CMP was published in 2010. This plan sets targets for the reduction of carbon dioxide emissions from NDDC activities and outlines the project structure enabling those targets to be achieved.

Nottingham Declaration

In 2007 North Dorset District Council signed up to the Nottingham Declaration. The Nottingham Declaration is a voluntary pledge for local authorities to address the issues of climate change. It represents a high-level, broad statement of commitment for a council to make to its community. It now has over 300 councils as signatories. Under the Nottingham Declaration the council is committed to producing a strategy to reduce carbon emissions and the impact of climate change.

Planning Applications

The Environmental Protection Team review all relevant planning applications for their air quality impact. Relevant guidance is followed when reviewing these applications, i.e. Land-Use Planning and Development Control: Planning for Air Quality, January 2017 (EPUK and IAQM). Where there is a potential adverse impact, or the development introduces new sensitive receptors within an AQMA, an air quality impact assessment is required. Where this identifies a significant adverse impact on air quality or human health then mitigation measures are required.

Local Transport Plan 3 2011 – 2026

The Local Transport Plan 3 (LTP3) is a statutory document which sets out a strategy for the management, maintenance and development of the County's transport system. It sets out a way forward to deliver transport needs through short, medium and long term transport solutions and how transport can improve safety and health, support the local economy, protect the environment and reduce carbon emissions and pollution. The LTP3 came into effect in April 2011 and has been produced for the whole of Bournemouth, Poole and Dorset. It covers the period from 2011 to 2026 and is based on a longer term strategy (2011 – 2026) and shorter term implementation plan(s) (3 years). Further information can be found at

<https://www.dorsetforyou.gov.uk/travel-dorset/roads-and-driving/road-information/road-and-transport-improvement-schemes/local-transport-plan-3>

Air Quality Planning Policies

A new local plan (North Dorset Local Plan Part 1 (LP1)) that sets out the strategic planning policies for the district was adopted by the council on 15 January 2016.

The Plan includes policies that relate to air quality including:

POLICY 3: CLIMATE CHANGE

Development proposals within the District should seek to reduce greenhouse gas emissions including through appropriately sited renewable and low carbon energy developments.

The North Dorset Local Plan can be found at

<https://www.dorsetforyou.gov.uk/planning/north-dorset/planning-policy>

Travel choice

This is a County wide initiative to raise awareness about the impacts of travel behaviour and to encourage people to make an informed decision about journeys they make. For example information is provided on interactive cycle maps, adult cycle training and walking routes and trails. This initiative also promotes Car Share Dorset, an online tool to encourage and facilitate car sharing by matching journeys, run jointly by Dorset County Council and Bournemouth and Poole Borough Councils. More information can be found <https://www.dorsetforyou.com/TravelDorset>

Industrial Installations

Certain industrial processes and activities which have the potential to cause pollution are required to have an Environmental Permit to operate. The Environmental Permitting (England and Wales) Regulations 2016 were made under the Pollution Prevention and Control Act 1999 and prescribe those processes and activities which require a permit. These processes are split into three categories: Part A(1), Part A(2) and Part B and are regulated by the Environment Agency and local authorities.

A list of Permitted Processes in North Dorset is provided in Appendix C. Emissions to air are monitored for Part B processes by NDDC.

2.3 PM_{2.5} – Local Authority Approach to Reducing Emissions and/or Concentrations

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

North Dorset District Council do not currently monitor for PM_{2.5}. The closest AURN Monitoring Stations are located within Bournemouth Borough Council, approximately 29 km and, Christchurch Borough Council 35km.

Defra's national background maps have been used to identify the modelled PM_{2.5} concentrations for the calendar year 2017.

The average of Total PM_{2.5} of all 613 locations (centre point of 1 km x1 km grids) was 9.62µg/m³ (Min 8.85 µg/m³ and Max 10.61µg/m³).

PM_{2.5} concentrations are considered to be well below the EU Limit Value of 25 µg/m³.

NDDC are taking part in a Dorset-wide project to look at the levels of PM_{2.5}. Public Health Dorset have formulated a project to monitor PM_{2.5}. This will look to create an air quality evidence base for the local authority areas of Dorset, Bournemouth and Poole and establish the local linkages with health outcomes. This will corroborate DEFRA modelling and the Public Health Outcome Framework.

This project will use AQMesh (<http://www.aqmesh.com/product/>) and Omni Samplers (<https://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/10/OMNI-FT.19NOV2015.pdf>) and from 2018 will produce monitoring and physical samples of particulates that will enable Dorset to produce an accurate profile of PM_{2.5}

The project's partners comprise:

- Public Health Dorset
- Weymouth and Portland Borough Council
- West Dorset District Council
- North Dorset District Council
- Poole Borough Council

- Bournemouth Borough Council
- Purbeck District Council
- Christchurch Borough Council
- Southampton University

The project will start to receive data immediately, and its initial duration anticipated to be approximately 2 years. It is hoped that more details and results will be included in the 2019 ASR, however, we are currently working with Public Health Dorset to provide the data as soon as practicable.

In addition, the Council is taking the following measures to address PM_{2.5}:

- Inspection of processes under the LAPPC Regime.
- Liaise with Dorset County Council (the Highway Authority) with regards to improvements schemes on the road infrastructure as and when necessary
- The AQAP in place in our adjacent local authority (WDDC) looks at measures to reduce the exposure of residents within their AQMAs to NO₂, however, these initiatives will have a positive effect on PM_{2.5} levels within our local authority.
- Travel choices as detailed above.

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

3.1 Summary of Monitoring Undertaken

Previous Rounds of Review and Assessment have indicated no exceedences of the air quality objectives. North Dorset District Council currently has no monitoring sites within its boundaries and has undertaken no monitoring since the 2009 Updating and Screening Assessment, apart from:

- the PM₁₀ monitoring undertaken during the Detailed Assessment of the East Down Farm between 8 September 2009 and 10 December 2009
- the PM₁₀ monitoring undertaken during the Detailed Assessment in Station Road, Gillingham between 21st October 2015 to 20th January 2016

Following the detailed assessment undertaken in 2015/16 in Station Road, Gillingham, the activities at the establishment have been reviewed. No further complaints have been received and there has been a reduction in the use of the equipment. Therefore, further monitoring is not considered to be necessary.

As detailed above (section 2.2), NDDC plan to monitor for NO₂ during 2018/19 in the following locations:

- Blandford Forum
- Gillingham
- Shaftesbury
- Sturminster Newton
- Melbury Abbas
- Spetisbury

Appendix A: Summary of Air Quality Objectives in England

Table A.1 – Air Quality Objectives in England

Pollutant	Air Quality Objective ⁴	
	Concentration	Measured as
Nitrogen Dioxide (NO ₂)	200 µg/m ³ not to be exceeded more than 18 times a year	1-hour mean
	40 µg/m ³	Annual mean
Particulate Matter (PM ₁₀)	50 µg/m ³ , not to be exceeded more than 35 times a year	24-hour mean
	40 µg/m ³	Annual mean
Sulphur Dioxide (SO ₂)	350 µg/m ³ , not to be exceeded more than 24 times a year	1-hour mean
	125 µg/m ³ , not to be exceeded more than 3 times a year	24-hour mean
	266 µg/m ³ , not to be exceeded more than 35 times a year	15-minute mean

⁴ The units are in microgrammes of pollutant per cubic metre of air (µg/m³).

Appendix B: Summary of Previous Review and Assessments

As part of the requirement of the LAQM process, North Dorset District Council (North Dorset DC) has previous Review and Assessment reports. Set out below is a summary of these previous documents, all of which (except Round 1 and the 2003 USA) can be found here: <https://www.dorsetforyou.com/airquality/north>

Round 1 of the LAQM, 1999

This review concluded that none of the regulated pollutants required further assessment at that time. It showed that no exceedences of the air quality objectives were likely in North Dorset due to low level of industry and low traffic flows.

2003: Updating and Screening Assessment Report

This USA Report provided an update to the Stage 1 review of air quality in 1999. The 2003 Progress Report indicates that the UK air quality objectives for all seven regulated pollutants were likely to be met in the district.

May 2006: Updating and Screening Assessment Report

The results of this USA indicate that a Detailed Assessment will not be required for any of the seven pollutants assessed. None of the UK air quality objectives are likely to be breached within North Dorset DC.

April 2007: Progress Report

This Progress Report provided an update to the 2006 report. The April 2007 Progress Report indicates that the UK air quality objectives for all seven regulated pollutants were likely to be met in the district.

April 2008: Progress Report

This Progress Report provided an update to the April 2007 report. The April 2008 Progress Report indicates that the UK air quality objectives for all seven regulated pollutants were likely to be met. It concluded that it has not been necessary to proceed to secondary stages of the air quality management regime.

April 2009: Updating and Screening Assessment Report

The USA, undertaken on behalf of North Dorset DC by Faber Maunsell indicated that none of the UK air quality objectives for all seven pollutants excluding particulate matter (PM₁₀) are likely to be exceeded within the District. Therefore, a Detailed Assessment will not be required for six of the key pollutants. However, the USA identified potential exceedences of PM₁₀ in the vicinity of a poultry farm housing in excess of 400,000 birds and equipped with mechanical ventilation. A Detailed Assessment was recommended for PM₁₀ at this site.

January 2010: Detailed Assessment Report

The Detailed Assessment of the East Down Farm commenced on 8 September 2009 and was completed in 10 December 2009. The report concluded that the possibility of the Air Quality Objectives for PM₁₀ being exceeded at the farm was very low and that there are no grounds for declaring an Air Quality Management Area and for proceeding further with assessment of air quality in this location.

April 2011: Progress Report

The 2011 Progress Report provided an update to the April 2008 report. The April 2011 Progress Report indicated that the UK air quality objectives for all seven regulated pollutants were likely to be met in the District.

February 2012: Updating and Screening Assessment

The USA, undertaken on behalf of North Dorset DC by the Air Quality Management Resource Centre at the University of the West of England, indicated that none of the UK air quality objectives for all seven pollutants excluding particulate matter (PM₁₀) are likely to be exceeded within the District. Therefore, a Detailed Assessment will not be required for six of the key pollutants. However, the USA identified potential exceedences of PM₁₀ in the vicinity of a HGV wash facility near Gillingham Station. A Detailed Assessment was recommended for PM₁₀ at this site.

March 2013: Progress Report

The 2013 Progress Report provided an update to the April 2011 report. The 2011 Progress Report indicated that the UK air quality objectives for all seven regulated pollutants were likely to be met in the District. However there was a need to undertake a Detailed Assessment in respect of particulates ('PM₁₀') in the vicinity of an HGV wash facility in the north of the district, identified in the 2012 USA (pages 10

& 11). This exercise has been postponed pending the completion of construction works to enclose the HGV wash, the use of which has been substantially reduced in the meantime.

March 2014: Progress Report

The 2014 Progress Report provided an update to the March 2013 report. The 2014 Progress Report indicated that the UK air quality objectives for all seven regulated pollutants were likely to be met in the District. However there was a need to undertake a Detailed Assessment in respect of particulates ('PM₁₀') in the vicinity of an HGV wash facility in the north of the district, identified in the 2012 USA (pages 10 & 11). This exercise has been further postponed pending the completion of construction works to relocate and enclose the HGV wash.

March 2015: Updating and Screening Assessment

The USA, undertaken on behalf of North Dorset DC by the Air Quality Management Resource Centre at the University of the West Of England, concluded that North Dorset DC has no monitoring sites within its boundaries apart from the PM₁₀ monitoring undertaken during the Detailed Assessment of East Down Farm. The Monitoring indicated that the possibility of the Air Quality Objectives for PM₁₀ being exceeded at the farm was very low and that there are no grounds for proceeding further with assessment of air quality in this location.

North Dorset District Council will proceed to undertake a Detailed Assessment for PM₁₀ at the HGV wash facility near Gillingham Station if, following enclosure of the facility, the requirement to do so remains.

February 2016: Detailed Assessment Report

The Detailed Assessment for PM₁₀ at the HGV wash facility near Gillingham was completed in February 2016. The report concluded that it was unlikely that the Air Quality Objectives for PM₁₀ will be exceeded at Gillingham. In view of this there was no need for the declaration of an Air Quality Management Area in this locality.

November 2016: Annual Status Report

The 2016 report concluded North Dorset District Council has no monitoring sites within its boundaries. There are no sources (transport, other transport, industrial, commercial/domestic and fugitive) of concern within North Dorset.

It was therefore proposed to submit this ASR; the next step being to submit the ASR in 2017.

July 2017: Annual Status Report

The 2017 report concluded North Dorset District Council has no monitoring sites within its boundaries. There are no sources (transport, other transport, industrial, commercial/domestic and fugitive) of concern within North Dorset.

It was therefore proposed to submit this ASR; the next step being to submit the ASR in 2018.

Appendix C: Part A1 Permitted Installations

Name and Address	Process Type
Faccenda Group, Shillingstone Farm, Okeford Fitzpaine, Blandford Forum DT11 0RQ	Poultry production
J & G Environmental Ltd, Holland Way Ind Est, Blandford Forum, DT11 7TA	Waste transfer
Walston Poultry Farm Ltd, Thorpe Farm, Winterborne Kingston, Blandford Forum, DT11 7BH	Poultry production
Walston Poultry Farm Ltd, East Down Farm, Winterborne Whitechurch, Blandford Forum DT11 9AS	Poultry production
Old Stour Farm Ltd, Woodville, Stour Provost, Gillingham, Dorset, SP8 5SN	Poultry production
Thrive Unique Ltd, Middle Farm, Stalbridge Weston, Sturminster Newton, DT10 2LA	Poultry production
Yellowstone Environmental Services (formerly Oil and Water Limited), 20, Wincombe Business park, Shaftesbury, SP7 9QJ	Waste transfer/treatment
Savage Cat Farm, Boweridge Hill, Gillingham, SP8 5QR	Poultry production
Farmergy Ltd, Lowbrook Farm, Belchalwell, Blandford Forum, DT11 0EQ	Biodigester and combustion
Ferns Poultry Farm Back Lane, Kingston, Hazelbury Bryan, Sturminster Newton DT10 2AN	Poultry production
BOCM Pauls, Blandford Heights, Blandford Forum, Dorset, DT11 7TL	Animal feed compounder
Sigma Aldrich, The Old Brickyard, Gillingham, Dorset, SP8 4XT	Chemical production
Dorset County Council, Conygar Landfill Site, Castle Lane, Okeford Fitzpaine, Blandford Forum, DT11 0RJ	Waste management
Mark Farwell Ltd, Downend Farm, Bushes Road, Stourpaine, Blandford Forum, DT11 8SY	Waste management
J Cowley and S Kimber, Deer Park Riding Stables, White Cliff Mill Street, Blandford Forum, DT11 7BN	Waste management
Dorset County Council, Gibbs Marsh Trading Estate, Stalbridge, DT10 2RY	Waste management
Mr V Smith, Okeford Common, Okeford Fitzpaine, Blandford Forum, DT11 0RY	Waste management
PCS South West Ltd, 8 Ambassador Business park, West Stour, Gillingham SP8 5SE	Waste management
North Dorset Stone Ltd, Manor Farm, Silton, Gillingham SP8 5PR	Waste management
Geoffrey Thompson Higher Shaftesbury Road, Blandford Forum DT11 7EG	Waste management
MB Crocker Limited, Strangways Farm, Hains Lane, Marnhull, DT10 1JU	Poultry production
RM Mogridge Contracting Limited, Knoll farm, The Common, Okeford Fitzpaine, DT11 0RT	Waste management
BV Dairy, Wincombe Lane, Shaftesbury, Dorset, SP7 8QD	Waste management

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Geoffrey Thompson, 8 Wincombe Business Park, Shaftesbury, SP7 9QJ	Waste management
Symonds Auto Salvage Limited, Gibbs Marsh Trading Estate, 143 Hanger, Stalbridge, Sturminster Newton DT10 2RY	Waste management
TF Builders Limited Unit 8 Brickfields Industrial Estate, Gillingham SP8 4JL	Waste management

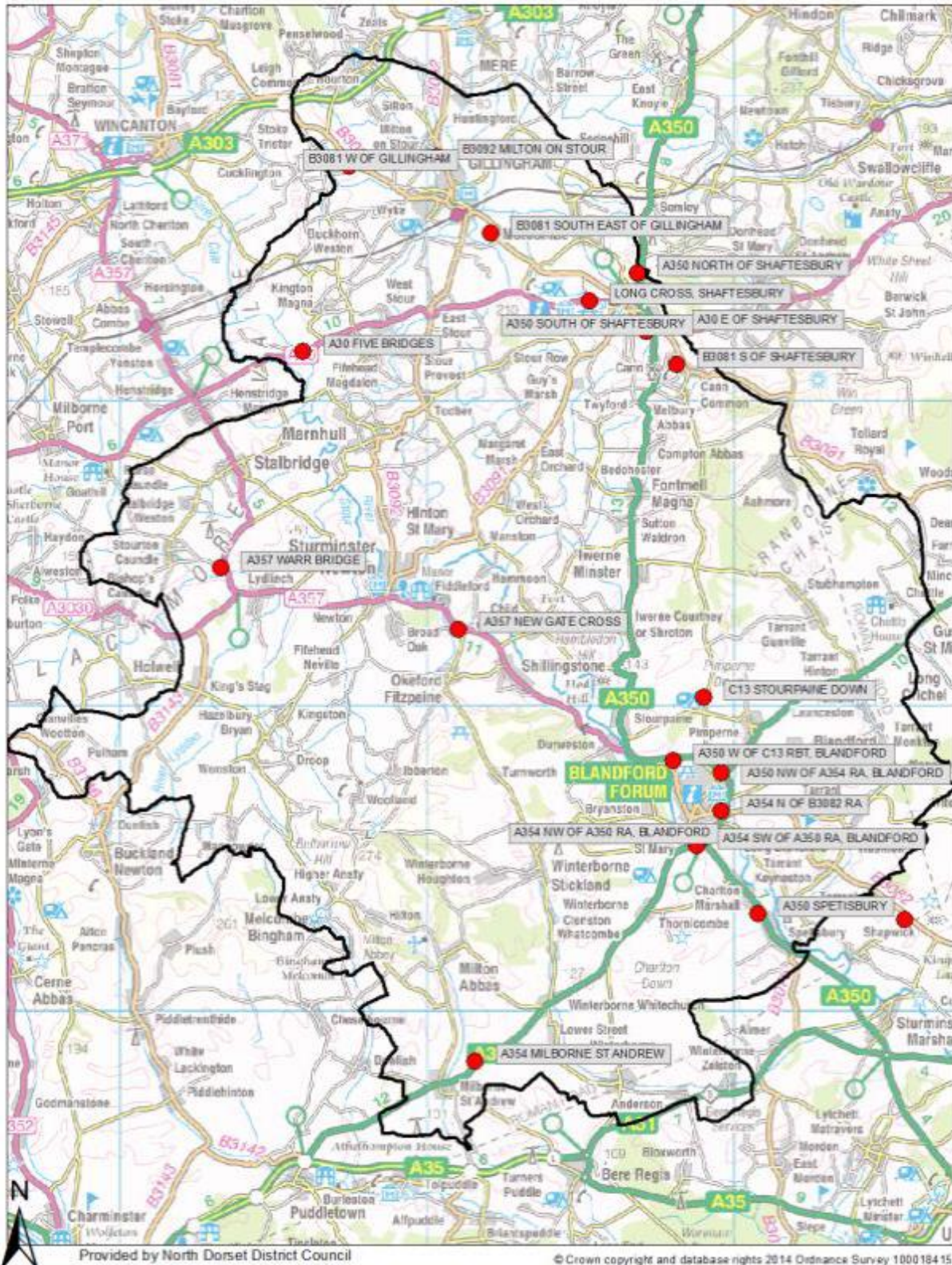
Part B Permitted Installations

Name and Address	Process Type
Dextra Group plc, Unit 17 Brickfields Business Park, Gillingham, SP8 4PX	Powder Coating where > 20t coating powder used in 12m
Snashall Steel, Pulham Business Park, Pulham, Dorchester, Dorset, DT2 7DX	Coating of metal and plastic where >5t organic solvent used in 12m
Hospital Metalcraft, Blandford Heights Industrial Estate, Blandford Forum, Dorset, DT11 7TE	Powder Coating where > 20t coating powder used in 12m
Chantry Field SS, Chantry Fields, Gillingham, Dorset, SP8 4UA	Petrol Vapour Recovery
Cornwall Group Service Station, Blandford Rd, Shillingstone, Blandford Forum, DT11 0BE	Petrol Vapour Recovery
Damory SS, Salisbury Road, Blandford Forum, Dorset, DT11 7LP	Petrol Vapour Recovery
Forge Garage, Bourton, Gillingham, Dorset, SP8 5PZ	Petrol Vapour Recovery
Ivy Cross SS, Shaftesbury, Dorset, SP7 8DS	Petrol Vapour Recovery
Redpost SS, Winterborne Zelston, Blandford Forum, Dorset, DT11 9EU	Petrol Vapour Recovery
Ring St. SS, Stalbridge, Dorset, DT10 7NQ	Petrol Vapour Recovery
Riverside Garage, West Stour, Gillingham, Dorset, SP8 5RJ	Petrol Vapour Recovery
Tesco SS, Stour Park, Blandford St Mary, Dorset, DT11 9PU	Petrol Vapour Recovery
Tesco SS, Christys Lane Shaftesbury, Dorset	Petrol Vapour Recovery
Down End Farm, Stourpaine, Dorset	Mobile Crushing Plant
AD Mills Contracting Limited, Well Common Yard, Todber, Sturminster Newton, Dorset, DT10 1JB	Mobile Crushing Plant
Cavell Dry Cleaners, 23 High Street, Gillingham, Dorset SP8 4AA	Dry Cleaners
Impressed Dry Cleaners, 9 Barnack Walk, Blandford Forum, Dorset, DT11 7AL	Dry Cleaners
Johnsons Stalbridge Linen Services, Christys Lane, Shaftesbury, Dorset, SP7 8PH	Dry Cleaners
Market Place Dry Cleaners, Market Place, Sturminster Newton, Dorset, DT10 1AS	Dry Cleaners
Blandford Laundry Services, Shaftesbury Lane, Blandford Forum, Dorset, DT11 7EG	Dry Cleaners

Appendix D: District Map



Traffic Data



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 ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
PM ₁₀	Airborne particulate matter with an aerodynamic diameter of 10µm (micrometres or microns) or less
PM _{2.5}	Airborne particulate matter with an aerodynamic diameter of 2.5µm or less
QA/QC	Quality Assurance and Quality Control
SO ₂	Sulphur Dioxide

References

- Local Air Quality Management Policy Guidance LAQM.PG (16). April 2016. Published by Defra.
- Local Air Quality Management Technical Guidance LAQM.TG (16). April 2016. Published by Defra in partnership with the Scottish Government, Welsh Assembly Government and Department of the Environment Northern Ireland.
- The Local Transport Plan 3 2011- 2026, Dorset County Council
- Travel Choice – www.dorsetforyou.com/travelchoice
- North Dorset District Council Local Plan 2016
- Defra Background Mapping Data <https://uk-air.defra.gov.uk/data/laqm-background-maps?year=2013>