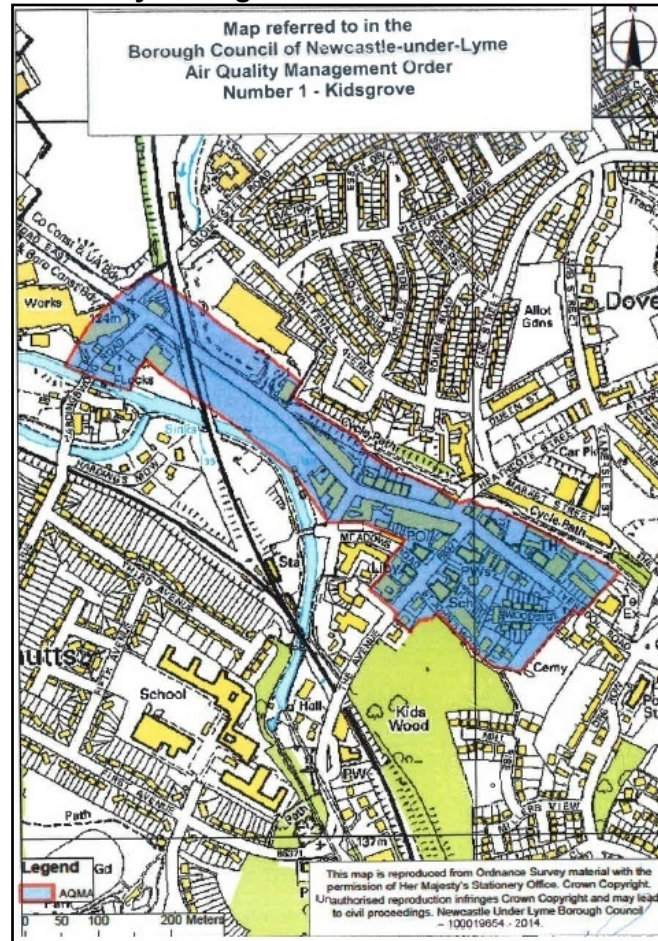


Location of Air Quality Management Areas within Newcastle under Lyme



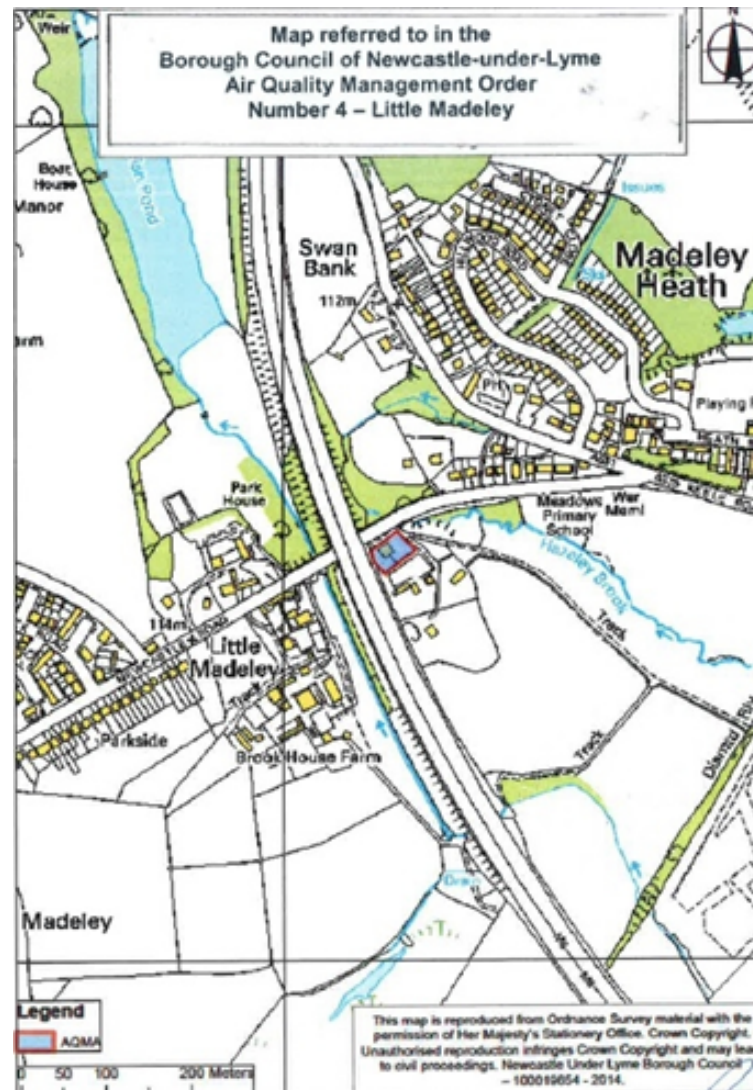
Kidsgrove AQMA



Newcastle Town Centre AQMA



Maybank, Wolstanton & Porthill AQMA



Little Madeley AQMA

Air Quality Action Plan – Kidsgrove AQMA											
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
K1	Kidsgrove Railway Station Transport hub including parking and improved bus/rail interchange with new bus facilities closer to the station, Real Time Passenger Information provided at Kidsgrove station and at the bus stops, disabled/cycle parking, drop off and taxi facilities, and safer pedestrian and cycle access routes to the station	Transport Planning and Infrastructure	Public transport improvements- interchanges stations and services	East Midlands Trains	2015	2018/19	Delivery of measure	Has potential to increase patronage / increase use of public transport and private car	In planning phase	2020	Funding priorities and reliant on completion by East Midlands Trains

Air Quality Action Plan – Kidsgrove AQMA											
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
K2	Traffic light optimisation to reduce congestion ALONG Liverpool Road and prevention of right turn into Heathcote Street from A50	Traffic Management	UTC, Congestion management, traffic reduction	Staffordshire County Council	2017	2018	Delivery of measure	Reduced vehicle emissions		2017/18	Funding
K3	Review location of bus stops to facilitate traffic flow around Liverpool Road / The Avenue	Traffic Management	UTC, Congestion management, traffic reduction	Staffordshire County Council	2017	2018	Delivery of measure	Reduced vehicle emissions		2017/18	

Air Quality Action Plan – Newcastle under Lyme Town AQMA											
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
N1	Ensure that effects of additional traffic generated by Ryecroft mixed retail / student development are properly understood	Other	Other	Henry Davidson Developments / Planning Application to Newcastle under Lyme B.C.	Aug-17	18/19	Monitoring	Not calculated	Planning Permission Granted	2019	Application made to Newcastle under Lyme B.C green travel infrastructure and EV charging sought
N2	Ensure that effects of emissions from plant associated with Ryecroft mixed retail / student development are properly understood	Other	Other	Henry Davidson Developments / Planning Application to Newcastle under Lyme B.C.		Nov-17	Emissions modelled and quantified	Not yet quantified	Planning condition awaiting discharge	2019	Conditions imposed on permission. Hours of use of plant to be limited to minimise effects on AQ
N3	Wayfinding strategy Newcastle under Lyme	Promoting Travel Alternatives	Promotion of walking	Lead by Newcastle under Lyme Borough	2017/18	2019/20	Delivery of strategy	Not quantified			Strategy awaiting public consultation

Air Quality Action Plan – Newcastle under Lyme Town AQMA											
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	Town Centre and outlying areas for walking and cycling			Council with support from Staffordshire County Council, Sustrans and Town Centre Business Improvement District							
N4	Cycle route improvements on A34 North (Cedar Road to Lower Milehouse Lane and Milehouse) and A527 (Town to Keele University)	Promoting Travel Alternatives	Promotion of cycling	Lead by Newcastle under Lyme Borough Council with support from Staffordshire County Council, Sustrans and Town Centre Business Improvement District		2018/19	Cycle routes installed	Reduced vehicle emissions	Routes identified		Options identified for consultation
N5	Local Transport Package Managing Peak Hour Congestion	Traffic Management	UTC, Congestion management, traffic reduction	Staffordshire County Council	Complete	Complete	Measurement of journey times between reference	Reduced vehicle emissions	System optimised	Completed	UTC optimised on network around ring road and King Street / Etruria Road (A53) Limited

Air Quality Action Plan – Newcastle under Lyme Town AQMA											
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
	and C-emissions on local roads and at junctions with the trunk road network						points				capacity for physical works as network is heavily congested and constrained by local geography. Borough lies at centre of major road network for cross-country freight.
N6	LSTF funding of cycling walking and bus links between N-u-L and Stoke	Alternatives to private vehicle use	Other	Lead by Newcastle under Lyme Borough Council with support from Staffordshire County Council, Sustrans and Town Centre Business Improvement District	2017/18	2019 onwards	Funding secured and links in place	Reduced vehicle emissions			Options identified for consultation
N7	Ring-Road enhanced signage &	Traffic Management	UTC, Congestion management,	Lead by Newcastle under Lyme	2017	2018/19		Reduced vehicle			Options identified for

Air Quality Action Plan – Newcastle under Lyme Town AQMA											
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	subway		traffic reduction	Borough Council with support from Staffordshire County Council, Sustrans and Town Centre Business Improvement District				emissions			consultation Potential funding constraints
N8	Car Park Variable Message Signing Street parking restrictions	Traffic Management	Other	Lead by Newcastle under Lyme Borough Council with support from Staffordshire County Council, Sustrans and Town Centre Business Improvement District	2017	2018/19	VMS signs in place and street parking restrictions enforced	Reduced vehicle emissions			Options identified for consultation / Potential funding constraints

Air Quality Action Plan – Newcastle under Lyme Town AQMA											
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N9	Promotion of public transport Real Time Passenger Information upgrades	Public Information	Other	Staffordshire County Council with support via conditions on planning applications for inclusion in high occupancy student / keyworker accommodation	2017	Ongoing		Reduced vehicle emissions			RTPI and subsidised bus travel / green travel plans sought for large-scale multi occupancy residential accommodation. Town centre expected to accommodate 3000 students for local universities

Air Quality Action Plan - Maybank, Wolstanton, Porthill AQMA											
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
W1	Improvements to Wolstanton and Porthill Junctions on A500 to reduce congestion	Traffic Management	UTC, Congestion management, traffic reduction	Highways England	Scheme achieved RIS approval for delivery by 2020	Commencement by 2020	Modelling of air quality impacts and monitoring	Reduction in congestion / improved journey times	Scheme being revised prior to tender	To be delivered in current Roads Investment Strategy window by March 2020	Funding identified by HE. Project flagged as high risk for air quality along A500 due to exceedance of EU action level
W2	Short term routing strategy to mitigate impact of congestion associated with works to A500	Traffic Management	UTC, Congestion management, traffic reduction	Highways England / Staffs County Council / Stoke on Trent City Council and NULBC Environmental Health	Issue raised with HE at stakeholder meetings	from commencement of works and for upto 3 years	Modelling of air quality impacts and monitoring	Potential short term -ve impact during build	Impacts not yet quantified	2020	Off network effects on AQ awaiting assessment by HE. Concerns about impact on Town Centre AQMA and Maybank, Wolstanton Porthill AQMA's as potential alternative route during two year build programme
W3	Evaluate the impact of the Etruria Valley	Traffic Management	Strategic highway improvements,	Lead by Stoke on Trent City Council with	Issued flagged with Stoke	Commencement by 2020	Modelling of air quality impacts and	unclear	Minor adverse impact but	Application winter 2017	Planning application to Newcastle under

Air Quality Action Plan - Maybank, Wolstanton, Porthill AQMA											
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	Link Road in the May Bank, Porthill, Wolstanton area and provide appropriate mitigation		Re-prioritising road space away from cars, including Access management, Selective vehicle priority, bus priority, high vehicle occupancy lane	planning application to Newcastle under Lyme Borough Council/ Staffordshire County Council involved	on Trent City Council		monitoring		no exceedances identified		Lyme Borough Council. Potential -ve effects on Maybank Porthill, Wolstanton AQMA. Potential to improve AQ in Stoke on Trent at Basford Bank where hourly mean NO2 is being exceeded.

Air Quality Action Plan – Little Madeley AQMA											
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M1	Continue to monitor N02 at relevant location in Little Madeley	Other	Other	Newcastle under Lyme Borough Council Environmental Health		Ongoing	Monitoring	As per reported results	Ongoing	To at least 2020 to determine trends	Nil
M2	Engage with HE concerning proposals to introduce smart managed motorway / hard shoulder running in Madeley area between junctions 15 and 16 of the M6 motorway	Traffic Management	Other	Lead by Highways England	Scheme not identified in current HE RIS window up to 2020	Unknown	Project delivered	Has potential to reduce congestion and vehicle emissions	Not yet commenced	Unknown	Scheme not yet identified. Sections either side of junctions 15 and 16 of the M6 are being smart managed with hard shoulder running. Local geography is an issue to identifying appropriate solutions