



Friday, 22 January 2021

Dear Sir/Madam

A meeting of the Environment and Climate Change Committee will be held on Monday, 1 February 2021 via Microsoft Teams, commencing at 7.00pm.

Should you require advice on declaring an interest in any item on the agenda, please contact the Monitoring Officer at your earliest convenience.

Yours faithfully

Chief Executive

To Councillors: L A Ball BEM  
S Easom  
D A Elliott  
L Fletcher  
T Hallam  
R I Jackson  
P Lally

R D MacRae  
G Marshall  
P Roberts-Thomson  
H E Skinner (Chair)  
D K Watts (Vice-Chair)  
R D Willimott

## AGENDA

1. APOLOGIES

To receive any apologies and notification of substitutes.

2. DECLARATIONS OF INTEREST

Members are requested to declare the existence and nature of any disclosable pecuniary interest and/or other interest in any item on the agenda.

3. MINUTES

(Pages 1 - 2)

To approve the minutes of the previous meeting held on 23 November 2020.

4. BUSINESS PLANS AND FINANCIAL ESTIMATES 2021/22 - 2023/24 (Pages 3 - 32)

To consider proposals for business plans, detailed revenue budget estimates for 2021/22; capital programme for 2021/22 to 2023/24; and proposed fees and charges for 2021/22 in respect of the Council's priority areas.

5. AIR QUALITY ACTION PLAN (Pages 33 - 54)

To seek approval for an Air Quality Action Plan, and for its subsequent inclusion in the Climate Change and Green Futures Action Plan.

6. QUESTIONS AND COMMENTS NOTING REPORTS

The Committee is asked to note the following reports:

- Broxtowe Parks Standard
- Environment Bill Update
- The ten point plan for a green industrial revolution
- Fuel and Transport and Fleet Strategy Strand Update
- Green Number Plates
- Climate Change and Green Futures Programme Update

7. WORK PROGRAMME (Pages 55 - 56)

To consider items for inclusion in the Work Programme for future meetings.

## ENVIRONMENT AND CLIMATE CHANGE COMMITTEE

MONDAY, 23 NOVEMBER 2020

Present: Councillor H E Skinner, Chair

Councillors: L A Ball BEM  
S Easom  
L Fletcher  
T Hallam  
P Lally  
R D MacRae  
G Marshall  
P Roberts-Thomson  
D K Watts (Vice-Chair)  
R D Willimott

There were no apologies for absence.

46 DECLARATIONS OF INTEREST

There were no declarations of interest.

47 MINUTES

The minutes of the meeting held on 14 September were confirmed as a correct record.

48 GARDEN WASTE SUBSCRIPTION CHARGES FOR 2021/22

Members considered the garden waste subscription charges for 2021/22 and commented how successful the service had been and noted the increase in subscribers during the lockdown measures imposed due to Covid-19.

Councillor L Fletcher proposed an amendment to the recommendation to ring fence the additional monies raised from the garden waste subscription charges for green initiatives this was seconded by Councillor R D Willimott.

A recorded vote was proposed by Councillor L Fletcher and seconded by Councillor R D Willimott.

For	Against	Abstain
L A Ball BEM	T Hallam	
S Easom	P Lally	
L Fletcher	R D MacRae	
P M Roberts -Thomson	G Marshall	
R D Willimott	H E Skinner	
	D K Watts	

On being put to the meeting the proposal was lost.

**RECOMMENDED to the Finance and Resources Committee that:**

- 1. The price for the first bin for 2021/22 be increased to £36.00**
- 2. The price for additional bins for 2021/22 be increased to £22.00**

49 NOTING REPORTS

The Committee noted the following reports:

- Clean and Green Initiative Update
- Tree Planting-Free Ornamental Trees
- Management of Brooks
- Performance Management- Review of Business Plan Progress Environment and Climate Change
- Funding Stream Availability for Housing Energy Efficiency Improvements
- Climate Change and Green Futures Programme Update.

50 WORK PROGRAMME

The Committee considered the work programme and agreed the 10 Point Plan on Climate Change be added to the Environment Strategy Report.

**RESOLVED that the work programme be approved with addition of a report on the Ten Point Plan on Climate Change.**

**Joint Report of the Chief Executive, the Deputy Chief Executive and the Strategic Director****BUSINESS PLANS AND FINANCIAL ESTIMATES 2021/22 - 2023/24**1. Purpose of report

To consider proposals for business plans, detailed revenue budget estimates for 2021/22; capital programme for 2021/22 to 2023/24; and proposed fees and charges for 2021/22 in respect of the Council's priority areas.

2. Detail

As part of the Council's performance management framework, the business and financial plans for the five corporate priority areas identified within the Corporate Plan are brought together in one report so that the linkages between service priorities, spending proposals and targets are clear.

Under the Constitution, financial and business planning is reported to the Committee which has primary responsibility for oversight of the relevant corporate priority area and related services, in this case Environment.

An extract of the proposed Environment Business Plan is provided in appendix 1b. The extract includes relevant critical success indicators (CSI), key performance indicators (KPI) and key tasks and priorities for improvement (actions) for approval by Members.

The revenue and capital budget proposals for the corporate priority and relevant service areas, together with the proposed fees and charges, are provided in in appendices 2a to 2c.

Following consideration by the respective Committees, a summary of the estimates, including any changes recommended, will be presented to the Finance and Resources Committee on 11 February 2021 for consideration and recommendation to Full Council on 3 March 2021.

**Recommendations**

1. **The Committee is asked to RESOLVE that the Environment Business Plan be approved.**
2. **The Committee is asked to RECOMMEND that the Finance and Resources Committee recommends to Council that the following be approved:**
  - a) **The detailed revenue budget estimates for 2021/22 (base) including any revenue development submissions.**
  - b) **The capital programme for 2021/22 to 2023/24**
  - c) **The fees and charges for 2021/22.**

Background papers – Nil

**APPENDIX 1****Introduction**

The Council's business and financial planning framework is one of identifying key service and spending pressures and prioritising resources accordingly, taking into account national and local priorities.

The targeted outcomes from these key issues and the anticipated impact on service performance are set out in business plans. These plans are combined with financial information, including proposals for reducing business costs and increasing income, to form the Business Plans for each priority area.

This report considers the detail in respect of the Business Plan covering the priority areas of Environment. The financial consequences of the business plans, together with the expenditure and income from maintaining existing services, are set out in the revenue budget proposals, the capital programme and the proposed fees and charges which follow the plan.

Within the business plans there are some key tasks which can be met from existing resources or which relate to policy preparation. These are not included in the key spending proposals detailed in the appendices. Any planned activities which will have a financial implication either by increasing costs or reducing income are identified in the budget papers.

There are several key tasks where it is not appropriate to make financial provision at this stage. These include areas that are subject to external funding bids, partnership arrangements or where insufficient information exists at the present time. In addition, there are a number of capital schemes within the programme which are deemed to be 'awaiting funding' pending receipt of the necessary resources to complete them. These schemes will be brought forward for approval once a potential funding source has been identified.

All of these items will be the subject of further reports throughout 2021/22 as further information and resources become available, thus ensuring that the service and financial planning framework is a fluid process.

**Business planning**

As part of the Council's performance management framework, it is the responsibility of each Committee to consider its business plans prior to recommendations being made to Council. The purpose of the plans is twofold. Firstly, they establish the linkage between the Council's high-level objectives and the strategies and aims of the respective services, and secondly, they outline the services' proposals for meeting those aims and objectives.

This report deals with the Environment Business Plan and associated budgets covering this priority area. The Council's corporate objectives and aims, as included in the Corporate Plan, are shown at appendix 1a to provide the framework for consideration of the plans.

**Financial background**

The revenue and capital budget proposals for the corporate priority, together with proposed fees and charges, are shown in appendices 2a to 2c.

The revenue budgets show the 2020/21 revised estimate as of December 2020 and the 2021/22 base estimate for the areas encompassed by the relevant business plans. The base estimate figures generally reflect the same level of service as in the current year with a few exceptions.

The following are included in the 2021/22 base figures in this report:

- a) Allowance for certain inflationary pressures including the pay award and cost of utilities. These allowances are guided by the best indications available at the time.
- b) Anticipated additional income within the General Fund and the Housing Revenue Account (HRA) arising from the review of fees and charges.
- c) The revenue effects of the 2021-2024 capital programme including the cost of any new borrowing to support the capital programme.
- d) Any revenue developments.

The classification of expenditure shown in the revenue estimates is based on the CIPFA Standard Accounting Classification. The following shows the type of expenditure charged to each heading:

- Employee Expenses – salaries and wages; employer’s national insurance and pensions contributions
- Premises Related Expenses – repairs, alterations and maintenance of buildings, fixed plant and grounds; energy costs; rents; national non-domestic rates; water charges; fixtures and fittings; cleaning and domestic supplies.
- Transport Related Expenses – direct transport costs; recharge of pooled transport costs; travelling allowances
- Supplies and Services – equipment, furniture and materials; clothing, uniforms and laundry; printing, stationery and general; office expenses; postages; telephones; insurances; grants and subscriptions; miscellaneous expenses
- Third Party Payments – other local authorities; private contractors; charges from trading services
- Transfer Payments – Housing and Council Tax Benefits
- Central, Departmental and Technical Support Services - administrative buildings expenses; central departmental support; departmental administration
- Capital Financing Costs – operating lease charges; asset register charges

## APPENDIX 1a

**FRAMEWORK FOR BUSINESS PLANNING**

The Corporate Plan is subject to annual review to ensure that it continues to reflect the aims and objectives of the Council.

**Vision**

The Council's Vision for Broxtowe is "**greener, safer, healthier Broxtowe, where everyone prospers**".

**Priorities**

The Council's updated priorities have been updated have been developed within the context of national, regional and countywide plans and priorities with the aim being to align these with our own aspirations wherever possible.

The Council's priorities are **Housing, Business Growth, Environment, Health and, Community Safety**.

Underpinning the above and all of the Council's work is a series of values which the Council has adopted, namely:

**G**oing the extra mile: *a strong, caring focus on the needs of communities*

**R**eady for change: *innovation and readiness for change*

**E**mloyees: *valuing our employees and enabling the active involvement of everyone*

**A**lways improving: *continuous improvement and delivering value for money*

**T**ransparent: *integrity and professional competence*.

**Objectives**

Each priority area is underpinned by its strategic objectives. Each strategic objective has targeted outcomes against which progress can be monitored.

The priorities and objectives for **Environment** are 'The environment in Broxtowe will be protected and enhanced for future generations':

- Develop plans to reduce our carbon emissions to zero and start implementing
- Invest in our parks and open spaces
- Increase recycling and composting.



## APPENDIX 1b

**ENVIRONMENT BUSINESS PLAN 2021–2024**Introduction

An extract of the proposed Community Safety Business Plan is provided below includes the relevant critical success indicators (CSI), key performance indicators (KPI) and the key tasks and priorities for improvement (actions) that are required to be approved by this Committee.

In an attempt to streamline the reporting process, the extract does not include the regular information and data relating to:

- published strategy and policy documents supporting the delivery of priorities and objectives;
- service level objectives;
- contextual baseline service data;
- management performance indicators (MPI); and
- summary of key risks.

This information will be added to the extract below and included in the full Business Plan that will be published on the Council's website in advance of the financial year.

Background

The Business Plan details the projects and activity undertaken in support of the Corporate Plan priority of **Environment**.

The Corporate Plan prioritises local community needs and resources are directed toward the things they think are most important. These needs are aligned with other local, regional and national plans to ensure the ambitions set out in the Corporate Plan are realistic and achievable.

The Business Plan covers a three-year period but will be revised and updated annually. Detailed monitoring of progress against key tasks and outcome measures is undertaken quarterly by this Committee. The Policy and Performance Committee also receives a high level report of progress against Corporate Plan priorities on a quarterly basis.

Business Plan – Performance Indicators and Key Tasks for Improvement

The critical success indicators (CSI), key performance indicators (KPI) and the key tasks and priorities for improvement (actions) are considered in detail below for approval.

**MEASURES OF PERFORMANCE AND SERVICE DATA**

**CRITICAL SUCCESS INDICATORS (CSI)**

Priority leaders should work corporately to **define** the **outcome objective** for each priority area and **identify an outcome indicator** or indicators which will be **Critical Success Indicators**. There will be a maximum of two CSI for each corporate priority.

Indicator Description (Pentana Code)	Achieved 2017/18	Achieved 2018/19	Achieved 2019/20	Target 2020/21	Target 2021/22	Future Years	Indicator Owner and Comments (incl. benchmarking)
Household waste recycled and composted (NI192)	38.8%	38.5%	38.8%	41%	42%	+1% per annum	Waste and Climate Change Manager A recycling rate of 38.8% projected for 2020/21 is based on mid-year data. This is positive taking into account the increase in residual waste collected due to implications relating to Covid-19. A Waste Engagement Officer is to be appointed to promote, engage and educate residents on recycling and reducing contamination leading to an increase in the recycling rate will be achieved. This is reflected in the target for 2021/22 onwards.
Parks achieving Broxtowe Parks Standard (PSData_09)	94%	92%	96%	97%	98%	100%	Parks and Green Spaces Manager Sample sites assessed on an annual basis
Energy Consumption across all operational sites – Total kWh gas and electric ('000) (CPLocal_03)	6,347	6,845	7,039	7,000	6,500	6,000	Head of Property Services

**KEY PERFORMANCE INDICATORS (KPI)**

Priority leaders should identify two sets of performance indicators namely **Key Performance Indicators (KPI)** for reporting to GMT and Members and **Management Performance Indicators (MPI)** for use in business planning and performance monitoring at a service level.

Indicator Description (Pentana Code)	Achieved 2017/18	Achieved 2018/19	Achieved 2019/20	Target 2020/21	Target 2021/22	Future Years	Indicator Owner and Comments (incl. benchmarking)
Green Flags/Community Green Flags (PSLocal_02)	5	5	5	5	5	5	Parks and Green Spaces Manager  Target is to maintain the number of Green Flags. Sites independently assessed on an annual basis
Garden Waste Subscriptions (WMDData_03b)	19,211	19,664	20,094	20,042	21,634	21,634	Waste and Climate Change Manager  Customer base for 2020/21 is currently 21,634. The increase in subscription numbers was related to Covid-19 so the target is to maintain the customer base from 2021/22 onwards
Income generated by garden waste subscriptions (WMDData_03c)	£623k	£661k	£701k	£727k	£750k	£750k	Waste and Climate Change Manager  Income target for 2020/21 has been exceeded. A contributing factor to this increase is the effect of Covid-19. Generally, the income increases in the region of £40k per year so the target for 2021/22 is based on the usual increase.
Income generated through Trade Waste (WMDData_06)	£550k	£580k	£585k	£608k	£632k	£632k	Waste and Climate Change Manager  Budget for 2020/21 onwards is based on an increase in the overall charges and maintaining customer base.

Indicator Description (Pentana Code)	Achieved 2017/18	Achieved 2018/19	Achieved 2019/20	Target 2020/21	Target 2021/22	Future Years	Indicator Owner and Comments (incl. benchmarking)
External income generated through Environmental Services (WMDData_08)	£172k	£202k	£65k	£190k	£190k	£190k	Waste and Climate Change Manager Anticipated income for 2020/21 will be achieved. The targets from 2021/22 are based on maintaining the current income levels and assuming that the highway grass cutting contract will continue.
Cleanliness of the streets and open spaces within the Borough (levels of litter) (NI 195a)	95%	95%	96%	97%	97%	97%	Waste and Climate Change Manager Target to maintain the level of cleanliness within the Borough
Levels of detritus on the public highway (NI195b)	95%	96%	96%	96%	96%	96%	Waste and Climate Change Manager Figures show the percentage of streets which met the acceptable level of standard. Target is to maintain the high level of cleanliness
Tonnes of household waste recycled (BV82a(ii))	8,312	8,018	8,006	7,776	8,707	8,707	Waste and Climate Change Manager Predicted that around 8,707 tonnes of recyclables will be collected in 2021/22. Covid-19 will have affected this increase. The target from 2021/22 onwards is based on maintaining the levels.
Tonnes of household waste composted (BV82b(ii))	6,782	7,461	7,778	8,000	8,262	8,262	Waste and Climate Change Manager Predicted that around 8,262 tonnes will be collected in 2021/22. The tonnage collected is dependent upon weather conditions and has been affected by Covid-19. The targets from 2021/22 are based on maintaining the current levels.

Indicator Description (Pentana Code)	Achieved 2017/18	Achieved 2018/19	Achieved 2019/20	Target 2020/21	Target 2021/22	Future Years	Indicator Owner and Comments (incl. benchmarking)
Household waste collected per head (kg) (BV84a)	344.98	356.92	361.38	373.38	373.38	366.40	Waste and Climate Change Manager  Based on half-year data the estimate for 2020/21 is around 408kg. Targets from 2021/22 represent a desire to achieve previous target for 2020/21 and continue to reduce by 2% each year
Residual Waste per household (kg) (NI 191)	476.81	493.25	496.1	482.09	482.08	472.43	Waste and Climate Change Manager  Based on half-year data the estimate for 2020/21 is around 541kg. Targets from 2021/22 represent a desire to achieve previous target for 2020/21 and continue to reduce by 2% each year
Residual (black lidded bin) Waste per household (kg) (New)	461.00	476.56	475.74	529.66	466.22	456.90	Waste and Climate Change Manager  This new indicator shows the amount of residual waste collected per household from the black lidded bins. Reducing the amount of residual waste collected is a priority. The increase for 2020/21 (based on half yearly data) is not reflective of trend over the last two years but moreover shows the effect of Covid-19 on waste tonnages. The target for 2021/22 and onwards is to reduce residual waste by 2% per year in line with other waste targets from the 2019/20 baseline.

Indicator Description (Pentana Code)	Achieved 2017/18	Achieved 2018/19	Achieved 2019/20	Target 2020/21	Target 2021/22	Future Years	Indicator Owner and Comments (incl. benchmarking)
Reduce the number of fly tipping incidents (SSData_01)	344	359	267	270	252	227	Waste and Climate Change Manager  Current projection for 2020/21 is 280 incidents. Targets for 2021/22 onwards based on an annual 10% reduction from a baseline figure of 280
Clean and Green events undertaken (SSData_10)	-	7	23	20	25	30	Waste and Climate Change Manager  Community events under the Clean and Green initiative have proven to be popular with individuals, schools and workplaces all getting involved in making places where they live or work a better place.  Covid-19 has restricted these events in 2020/21, so the target is to resurrect these events and increase the level of 2020/21.
Trees Planted (PSData_08)	628	1,618	2,102	2,500	2,750	3,000	Parks and Green Spaces Manager  Increasing target in line with Tree Planting Strand in Green Futures programme
Electric vehicles (TRData_01) (New)	-	-	-	2	2	TBC	Transport and Stores Manager  All new vehicle procurement will be in line with the strategic actions from the Climate Change and Green Futures programme

**KEY TASKS AND PRIORITIES FOR IMPROVEMENT 2021/22 – 2023/24 INCLUDING COMMERCIAL ACTIVITIES**

<b>Pentana Code</b>	<b>Description</b>	<b>Targeted Outcome</b>	<b>Partnership/ Procurement Arrangement</b>	<b>Officers Responsible/ Target Date</b>	<b>Budget Implications/ Efficiencies/Other comments</b>
ENV2124_01 <i>(New)</i>	Implement the actions identified within the new Waste Strategy 2021-2025	Increase in the Council's recycling rate, reduced amount of residual waste and improved awareness of waste minimisation.	Working with other districts, Nottinghamshire County Council and external partners: WRAP, M.E.L Research	Waste and Climate Change Manager  March 2025	Limited capital and revenue money available to implement new recycling schemes  Potential financial implications for use of external bodies
ENV2124_02 <i>(New)</i>	Implement the strategic actions of Recycling Strand within the Climate Change and Green Futures programme.	Increase in the Council's recycling rate and improved awareness of how to reduce waste	Working with other districts, Nottinghamshire County Council and external partners: WRAP, M.E.L Research	Waste and Climate Change Manager  March 2021	Limited capital and revenue money available to implement new recycling schemes  Potential financial implications for use of external bodies
ENV1518_04	Implement Key Actions in Green Infrastructure Strategy	Develop, improve and promote Green and Blue infrastructure in the Borough incorporating strategic actions in Climate Change and Green Futures programme	PCV/Notts Wildlife Trust/Friends Groups	Parks and Green Spaces Manager  March 2022	Utilise capital and Section 106 funding together with bids for external funding
ENV1720_01	Apply a strategic approach to tree management and planting.	Work with partners, land owners and other agencies to plant in excess of 2,000 trees per year. Work with volunteers as part of the Clean and Green initiative to achieve this outcome	PCV/Notts Wildlife Trust/ Clean and Green Projects/ Friends Groups	Parks and Green Spaces Manager  December 2023	£11,500 funding allocated as part of the Tree Planting strand in the Climate Change and Green Futures programme

Pentana Code	Description	Targeted Outcome	Partnership/ Procurement Arrangement	Officers Responsible/ Target Date	Budget Implications/ Efficiencies/Other comments
GREEN 0912_14	Further develop sites with Local Nature Reserve status	Maintain existing 121 hectares of land identified as Local Nature Reserves and investigate possible additional sites as opportunities arise with new housing development and the acquisition of additional open space	PCV/Notts Wildlife Trust	Conservation and Green Spaces Manager March 2022	Management plans to be updated so the existing sites are properly maintained rather than increase the number of sites. New sites may have a potential revenue implication
ENV1821_03	Improve Play areas and Parks and Open Spaces	Play areas identified as Medium Priority sites (Years 2020-2024) in the Play Strategy 2017-2025 improved. Healthy Society, DDA Compliant	Parish/Town Councils, Local Sports Clubs, Community groups, Schools, Friends Groups	Parks and Green Spaces Manager March 2024	Continue to undertake Pride in Parks initiative utilising capital allocation in 2021/22
ENV1922_01	Implementation of the Clean and Green Initiative	Implement a range of initiatives aimed at making Broxtowe a Cleaner and Greener place for residents and visitors to the Borough.	Other Council Departments/ Friends Groups/ Members	Waste and Climate Change Manager Corporate Communications Manager March 2022	Funding implications for this initiative have been included in the budgetary process
ENV2124_03 (New)	Wildflower sowing and meadow management	New wildflower areas created and grass managed as wildflower meadows	Friends Groups/ Notts Wildlife Trust/PCV	Parks and Green Spaces Manager March 2023	£15,000 funding allocated as part of the Meadow Planting/Wildflower corridors strand in the Climate change and Green Futures Programme



Pentana Code	Description	Targeted Outcome	Partnership/ Procurement Arrangement	Officers Responsible/ Target Date	Budget Implications/ Efficiencies/Other comments
ENV2023_02	Introduction of new staff within the recycling section with the aim of educating our residents on recycling, reducing contamination and increasing the Council recycling rate.	Increase in the Council's recycling rate and improved awareness of how to reduce waste	Working with other District Councils, Nottinghamshire County Council and external partners	Waste and Climate Change Manager March 2023	Revenue implications relating to salaries and funds for undertaking promotional work
ENV2023_03	Identify areas of new Green Space for public use	Increase the total area of publically accessible green space in Broxtowe	Working with housing developers, local land owners and community groups	Parks and Green Spaces Manager March 2023	Revenue implication of maintaining new open space. Potential 106 funding from housing developers. Volunteer time to maintain areas.
COMS 21214_03 <i>(New)</i>	Produce DEFRA Annual Air Quality Status Report	Council has a fit for purpose Air Quality Status Report highlighting current status and potential actions.	Nottinghamshire authorities	Chief Environmental Health Officer June 2021	Within existing budget
ENV2023_05	Implement actions deriving from the Government's 'Our Waste, Our Resource: A Strategy for England'	Increase in the Council's recycling rate and increased awareness of climate change and waste and recycling issues.	Working with other District Councils, Nottinghamshire County Council and external partners	Waste and Climate Change Manager March 2021	Limited capital and revenue money available to implement new recycling schemes.
TR2124_01 <i>(New)</i>	Implement the strategic actions of the Transport and Fuel Strand of the Climate Change and Green Futures programme.	Reduce the Councils emissions from the fleet and make a positive contrition to the Councils target of being net carbon zero by 2027.	All relevant internal and external stakeholders	Transport and Stores Manager March 2027	Limited capital funding available

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## APPENDIX 2a

<b>Environment and Climate Change Portfolio - Revenue Budgets</b>		
<b>Cost Centre</b>	<b>2020/21 Revised Budget (as at December 2020)</b>	<b>2021/22 Base Budget (as at December 2020)</b>
Environmental Improvements	182,710	183,017
Re-Opening High Streets Safely Fund	0	0
Head of Assets and Development	0	18,614
Property Admin Services	2,240	2
Environment Services – Management	(94,021)	(2)
NCC Highway Maintenance	(9,060)	(959)
Capital Works	89,180	80,968
Estates	5,100	(3)
Vehicles Cost - Housing Repairs	0	0
Vehicles Cost - Gas Repairs	0	0
Vehicles Cost - Courier Service	0	0
Vehicles Cost - Car Parks	0	0
Vehicles Cost - Neighbourhood Wardens	0	0
Vehicles Cost - Estate Caretakers	0	0
Vehicles Cost - Mechanics Vans	0	0
Vehicles Cost - JCB	0	0
Vehicles Cost - Public Buildings	0	0
Vehicles Cost - Electrical Repairs	0	0
Refuse Collection	1,508,729	1,456,994
Recycling	126,270	106,481
Vehicles Cost - Refuse Collection	(5,000)	0
Public Conveniences	88,990	114,695
Repairs & Maintenance - Kimberley	0	0
Grounds Maintenance - Kimberley	90,420	35,293
Grounds Maintenance - Kimberley - Vehicle Cost	0	0
Kimberley Admin Building	0	1
Stapleford - C.A.S.	0	(670)
Street Cleansing Vehicle Costs	0	0
Highways Sweeping	730,830	708,157
Abandoned Vehicles	750	750
Highways - Borough Services	124,300	123,934
Sign Shop	34,770	42,016
Open Space	172,160	152,543
Tree Management	316,700	325,169
Nottingham Canal	97,250	103,399

Parks & Recreation Grounds Management	112,370	93,909
Beeston Parks	199,350	198,634
Stapleford Parks	108,480	115,048
Eastwood Parks	45,300	48,246
Kimberley Depot	0	1
Kimberley Stores	80,290	84,081
Mechanics - Kimberley Depot	0	(2)
Covid-19 Environment	70,000	0
	<b>4,078,108</b>	<b>3,990,316</b>
<b>Environment and Climate Change Portfolio - Revenue Budgets</b>		
<b>Cost Centre</b>	<b>2020/21 Revised Budget (as at December 2020)</b>	<b>2021/22 Base Budget (as at December 2020)</b>
Employees	4,526,848	4,603,552
Premises	389,840	391,805
Transport	1,765,410	1,413,710
Supplies & Services	1,244,460	1,177,232
Transfer Payments	0	0
Third Party Payments	780,790	818,983
Central Support Recharges	106,980	465,225
Capital Charges	376,900	366,300
Income	(5,113,120)	(5,246,491)
	<b>4,078,108</b>	<b>3,990,316</b>

The change in the 2021/22 base budget for total net expenditure when compared with the 2020/21 revised estimate is primarily a consequence of the following items:

	<b>Change (£)</b>
<p><b>Head of Assets and Development</b></p> <ul style="list-style-type: none"> <li>- The 2020/21 base budget includes the General Fund revenue share of the cost of the new post of Head of Assets and Development as agreed by Personnel Committee on 29 September 2020. The rest of the cost of this post will either be charged to the Housing Revenue Account (HRA) or against schemes in the capital programme.</li> </ul>	18,600
<p><b>Environment Services – Management</b></p> <ul style="list-style-type: none"> <li>- Staff and other costs associated with the management of Environment Services will be recharged in full across other service areas from 2021/22 to reflect both structure changes and a more streamlined approach to the Central Support Recharges process to better reflect where costs should be attributed.</li> </ul>	94,000
<p><b>NCC Highway Maintenance</b></p> <ul style="list-style-type: none"> <li>- The 2020/21 revised estimate includes provision of £50,000 for subcontractors, £79,000 for Grounds Maintenance re-charges and £20,000 for weed killing with anticipated income of £158,00 from NCC.</li> <li>- The 2021/22 base budget includes provision of £50,000 for subcontractors, £84,000 for Grounds Maintenance re-charges Charges, £20,000 for weed killing and £3,000 for materials almost entirely offset by anticipated income of £158,000 from NCC.</li> </ul>	8,100
<p><b>Capital Works</b></p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget includes an additional £9,850 for employee costs such as an estimate for the April 2021 pay award (yet to be confirmed) and increments as well as an additional £11,650 in Central Support Recharges from other areas but these are more than offset by an assumption that costs charged to the capital programme will be £33,450 higher than the 2020/21 revised estimate to reflect actual time recording data from 2019/20.</li> </ul>	(11,950)
<p><b>Refuse Collection</b></p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget for employees (including agency staff costs) is £65,100 higher than the 2020/21 revised estimate to reflect factors such the anticipated April 2021 pay award (yet to be confirmed) and increments.</li> <li>- The notional capital charges in 2021/22 are estimated to be £14,900 lower than in 2020/21.</li> <li>- The 2020/21 revised estimates of £404,000 and £35,000 for income from trade refuse and bulky waste collections reflect the impact of the Covid-19 pandemic on the demand for these services whilst an expectation of improved conditions following the rollout of the vaccine has resulted in the setting of 2021/22 base budgets of £468,000 and £55,000 for these income</li> </ul>	(33,800)

streams respectively.	
<p>Recycling</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget includes a reduction of £19,100 in Central Support Recharges from other areas to reflect the approach set out above.</li> </ul>	(19,100)
<p>Public Conveniences</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget for employees is £26,650 higher than the 2020/21 revised estimate to reflect factors such the anticipated April 2021 pay award (yet to be confirmed), increments and other staffing changes.</li> </ul>	26,650
<p>Grounds Maintenance – Kimberley</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget for employees is £31,600 higher than the 2020/21 revised estimate to reflect factors such the anticipated April 2021 pay award (yet to be confirmed), increments and other staffing changes.</li> <li>- The 2020/21 base budget includes an increase of £96,450 in Central Support Recharges to other areas to reflect the approach set out above.</li> </ul>	(64,850)
<p>Highways Sweeping</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget for employees (including agency staff costs) is £12,300 lower than the 2020/21 revised estimate due primarily to staffing changes.</li> <li>- The 2021/22 base budget for the direct re-charge for the use of vehicles is £17,950 lower than the 2020/21 revised estimate whilst the 2020/21 base budget includes an increase of £16,550 in Central Support Recharges from other areas to reflect the approach set out above.</li> </ul>	(13,700)
<p>Sign Shop</p> <ul style="list-style-type: none"> <li>- The 2020/21 revised estimate includes income of £6,800 from ad hoc recharges that have been reflected in other areas in the 2021/22 base budget.</li> </ul>	6,800
<p>Open Space</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget includes additional income of £17,700 from developers towards the cost of maintaining open spaces when compared with the 2020/21 revised estimate.</li> </ul>	(17,700)
<p>Tree Management</p> <ul style="list-style-type: none"> <li>- The notional capital charges in 2021/22 are estimated to be £5,300 higher than in 2020/21 whilst additional Grounds Maintenance re-charges of £6,500 are also anticipated.</li> </ul>	11,800
<p>Nottingham Canal</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget includes an increase of £6,150 in Central Support Recharges from other areas to reflect the approach set out above.</li> </ul>	6,150
<p>Parks and Recreation Grounds Management</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget includes an reduction of £18,450 in Central Support Recharges from other areas to reflect the approach set out above.</li> </ul>	(18,450)
<p>Stapleford Parks</p> <ul style="list-style-type: none"> <li>- The 2021/22 base budget includes an additional £4,000 for Grounds Maintenance re-charges compared to the 2020/21 revised</li> </ul>	4,000

estimate.	
<p>Covid-19 Environment</p> <p>- The 2020/21 revised estimate includes £70,000 for additional agency staff within the Environment Department to enable activities such as refuse collections to be maintained in a safe and secure manner across the borough in response to Covid-19 as agreed by Finance and Resources Committee on 10 December 2020.</p>	(70,000)

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ENVIRONMENT AND CLIMATE CHANGE CAPITAL PROGRAMME

No.	Scheme	Start	Finish	Estimated Total Cost				Net Revenue Costs in 2021/22	Full Years Revenue Effect of (6)	Net Effect of (5)
					2021/22	2022/23	2023/24			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
				£	£	£		£	£	£
1.	Pasture Road Recreation Ground – Improvement Works	June 21	Mar 22	75,000	75,000	0	0	0	0	0
	Capital Salaries			3,750	3,750	0	0	0	0	0
				78,750	78,750	0	0	0	0	0
2.	Play Area General Improvements	June 21	Mar 22	30,000	30,000	0	0	0	0	0
	Capital Salaries			1,500	1,500	0	0	0	0	0
				31,500	31,500	0	0	0	0	0
3.	Jubilee Park (Eastwood) – Improvement Works	June 22	Mar 23	30,000	0	30,000	0	0	0	0
	Capital Salaries			1,500	0	1,500	0	0	0	0
				31,500	0	31,500	0	0	0	0
4.	Bramcote Hills Park – Improvement Works	June 22	Mar 23	150,000	0	150,000	0	0	0	0
	Capital Salaries			7,500	0	7,500	0	0	0	0
				157,500	0	157,500	0	0	0	0
<b>Environment and Climate Change Carried Forward</b>				<b>299,250</b>	<b>110,250</b>	<b>189,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

ENVIRONMENT AND CLIMATE CHANGE CAPITAL PROGRAMME

No.	Scheme	Start	Finish	Estimated Total Cost				Net Revenue Costs in 2021/22	Full Years Revenue Effect of (6)	Net Effect of (5)
					2021/22	2022/23	2023/24			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	<b>Environment and Climate Change Brought Forward</b>			£ <b>299,250</b>	£ <b>110,250</b>	£ <b>189,000</b>	£ 0	£ 0	£ 0	£ 0
5.	Spinney Open Space (Nuthall) – Improvement Works	June 22	Mar 23	25,000	0	25,000	0	0	0	0
	Capital Salaries			1,250	0	1,250	0	0	0	0
				26,250	0	26,250	0	0	0	0
	Banks Road Open Space (Toton) – Improvement Works	June 23	Mar 24	40,000	0	0	40,000	0	0	0
	Capital Salaries			2,000	0	0	2,500	0	0	0
				42,000	0	0	42,000	0	0	0
9.	Replacement Vehicles & Plant	Ongoing		1,912,800	756,000	574,800	582,000	0	0	0
10.	Asset Management – Programmed Maintenance Works	Ongoing		120,000	40,000	40,000	40,000	0	0	0
	Capital Salaries			12,000	4,000	4,000	4,000	0	0	0
	<b>ACTIVELY SEEKING FUNDING</b>			132,000	44,000	44,000	44,000	0	0	0
	<b>Environment and Climate Change Total</b>			<b>2,412,300</b>	<b>910,250</b>	<b>834,050</b>	<b>668,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**ENVIRONMENT AND CLIMATE CHANGE CAPITAL PROGRAMME 2021/22**Scheme  
Number1. Pasture Road Recreation Ground – Improvement Works (78,750)

This budget would enable some equipment to be replaced and other items to be painted and refurbished. The area would be extended to create a toddler/junior area on a rubber surface along with a new basket swing.

2. Play Area General Improvements (£31,500)

A number of play areas, whilst not requiring a full refurbishment, do require expensive remedial works to make them fully compliant with relevant safety legislation. The Play Strategy identified that priorities may change during the period of the strategy due to issues such as increased usage of sites, vandalism and equipment failure. This budget recognises these changes and will allow the site specific issues identified to be addressed without undertaking a full refurbishment of the particular site

9. Replacement Vehicles and Plant (£756,000)

This budget provides for the replacement of various vehicles and items of plant in accordance with the Council's replacement programme.

10. Asset Management – Programmed Maintenance (£44,000)

This budget will enable some progress on the planned maintenance programme of the Council's public building stock to continue to reduce the maintenance backlog identified by building condition surveys in accordance with the Asset Management Plan and the changing requirements of service provision.

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## APPENDIX 2c

**ENVIRONMENT – REVIEW OF FEES, CHARGES AND ALLOWANCES**

All fees and charges are quoted exclusive of VAT, which will be added where applicable.

**1. Refuse Charges**Trade refuse charges for facilities

The collection and disposal charges are calculated in accordance with any increases in terms of the delivery of the service.

Current charges 2020/21

	<b><u>Bag</u></b>	<b><u>140L bin</u></b>	<b><u>240L bin</u></b>	<b><u>660L bin</u></b>	<b><u>820L bin</u></b>	<b><u>1100L bin</u></b>
	£	(wheeled) £	(wheeled) £	(wheeled) £	(wheeled) £	(wheeled) £
Broxtowe BC Collection/Admin	1.35	2.71	4.20	8.09	9.11	11.17
Notts. CC Disposal Charge	1.62	3.22	5.03	13.74	16.82	22.79
<b><u>TOTAL</u></b>	<b>2.97</b>	<b>5.93</b>	<b>9.23</b>	<b>21.83</b>	<b>25.93</b>	<b>33.96</b>

Proposed charges 2021/22

	<b><u>Bag</u></b>	<b><u>140L bin</u></b>	<b><u>240L bin</u></b>	<b><u>660L bin</u></b>	<b><u>820L bin</u></b>	<b><u>1100L bin</u></b>
	£	(wheeled) £	(wheeled) £	(wheeled) £	(wheeled) £	(wheeled) £
Broxtowe BC Collection/Admin	1.42	2.85	4.41	8.49	9.57	11.73
Notts. CC Disposal Charge	1.65	3.27	5.10	13.93	17.05	23.10
<b><u>TOTAL</u></b>	<b>3.07</b>	<b>6.12</b>	<b>9.51</b>	<b>22.42</b>	<b>26.62</b>	<b>34.83</b>

	<u>Current Charge</u> <u>2020/21 (£)</u>	<u>Proposed</u> <u>Charge 2021/22</u> <u>(£)</u>
<b><u>Replacement/Additional Wheeled Bins</u></b> (Replacement when not through fair wear and tear, cost includes for delivery and future maintenance)		
240 litre wheeled bin	30.00	32.00
140 litre wheeled bin	26.00	28.00
<b><u>Special Collections</u></b>		
First item	20.00	20.00
Each additional item	7.00	7.00
Collection of a shed	100.00	100.00
Over the phone quote (10-15 items)		85.00
Over the phone quote (16-20 items)		100.00
Face to face quote		Priced on visit
<b><u>Collection of Garden Waste</u></b>		
Standard Annual Charge	34.00	36.00
Additional Bins	18.00	22.00
Standard Annual Charge (after 1 Oct)	29.00	31.00
Additional Bins (after 1 Oct)	9.00	11.00
<b><u>Sponsorship of dog and litter bins</u></b>		
Per bin	25.00	25.00
Per 10 bins	225.00	225.00

The total estimated additional income on garden waste in 2021/22 is £40,000.

### **Stray Dog Service**

Returned to owner without kennelling	35.50	35.50
Kennelling (per day or part day)	12.00	11.40
Vaccination	23.50	19.50
Administration	35.50	35.50
Kennel cough vaccination	14.50	4.40
Overnight in night kennel	14.50	13.00
Worm treatment (if necessary)	8.00	6.60
Flea treatment (if necessary)	6.50	5.70

**2. Parks and Recreation Grounds**

Charges for Facilities

	Present Charge 2020/21		Proposed Charge 2021/22	
	Senior £	Concession £	Senior £	Concession £
<b>1. Football*</b>				
Senior Pitch	60.00	N/A	60.00	N/A
Junior 11-a-side pitch	N/A	36.00	N/A	36.00
9v9 football pitch	N/A	33.00	N/A	33.00
7v7 football pitch	N/A	31.00	N/A	31.00
5v5 if using changing facilities	N/A	25.50	N/A	25.50
Pit lane	N/A	25.50	N/A	25.50
<b>2. Cricket</b>				
Square inc. use of pavilion with showers	68.00	41.00	68.00	41.00
Service charge for facilities where Clubs are involved in management/maintenance				
• Bramcote Cricket Club (Club maintain square & pavilion)	42.50	N/A	42.50	N/A
• Manor Farm & Hetley Pearson Recreation Grounds (Clubs maintain squares)	45.00	N/A	45.00	N/A
• Eastwood Cricket Club (Club maintain pavilion)	47.50	N/A	47.50	N/A
Hall Park (use of pavilion) per fixture	N/A	N/A	N/A	N/A
Kwik Cricket	N/A	26.00	N/A	26.00

3.

**Bowls**

	Present Charge 2020/21		Proposed Charge 2021/22	
	Senior £	Concession £	Senior £	Concession £
Use of rink per hour per person.	4.40	2.70	4.40	2.70
Juniors (under 17) playing with a registered club member.	No charge			
Season tickets. 50% reduction on bowls season ticket price after 1 August. (Use of rinks by season ticket holders restricted to 2 hours at any one time if others are waiting to play).	68.00	41.00	68.00	41.00
Competitions (singles, pairs, triples and fours)				
- Season ticket holders	No charge			
- Visitors/non season ticket holders per person, per match	4.40	2.70	4.40	2.70
Match bookings – per rink per match.	10.25	N/A	10.25	N/A
New players playing with a registered club Member.	Nil	Nil	Nil	Nil



4.

**Tennis**

	Present Charge 2020/21		Proposed Charge 2021/22	
	Senior £	Concession £	Senior £	Concession £
Grass court per person – per hour	3.80	2.30	3.80	2.30
Hard court per person – per hour *	2.00	1.20	2.00	1.20
Season ticket – Hard court only	38.00	23.00	38.00	23.00
(Use of courts by season ticket holders restricted to 2 hours at any one time if others are waiting to play).				
Club use – charge per court per hour				
Block booking fee summer period (or part of)	44.00	N/A	44.00	N/A
Block booking fee winter period (or part of)				
With attendant	80.00	N/A	80.00	N/A
Without attendant	41.00	N/A	41.00	N/A
Occasional use – per hour	8.00	N/A	8.00	N/A
Coaching – charge per person per hour	4.00	2.40	4.00	2.40
Matches – 3 Courts	58.00	35.00	58.00	35.00

**\* Tennis is free at King Georges Park, Inham Nook Recreation Ground and Manor Farm Recreation Ground.**

Concessionary rate is set at 60% for state pensionable age, under 18's and disabled in line with concessionary leisure card.

	Present Charge 2020/21		Proposed Charge 2021/22	
	Senior £	Concession £	Senior £	Concession £
<b>5. Hire of Pavilion</b>				
Charge per hour per site, sites with summer attendant (May – Sept)	15.50	N/A	15.50	N/A
Charge per hour other sites (All year round)	24.50	N/A	24.50	N/A
Official keyholders all year round per hour	12.50	N/A	12.50	N/A
Concession per hour (Play Groups/Charities)	6.50	N/A	6.50	N/A
<b>6. <u>Hire of Parks/Recreation Grounds for Events</u></b>				
Fun fairs - up to 4 days	1300.00	N/A	1300.00	N/A
- each additional day	380.00	N/A	380.00	N/A
Cyclocross/orienteering/cross country	150.00	90.00	150.00	90.00
Events with mixed age categories will be charged at senior rate. There will be no charge for charity events/training events or events with less than 25 participants. Events with no entry charge for participants will be charged at the concessionary rate.				
Fun days/galas (non charity)	150.00	N/A	150.00	N/A
Major events charge per day minimum charge, actual rate by negotiation plus additional labour and admin. costs	460.00	N/A	460.00	N/A
<b>7. <u>Fitness Training Organisations Using Parks</u></b>				
Rate per session				
Large/Medium organisation using one or more sites	9.00	N/A	Nil	N/A
Small organisation using one site only	5.70	N/A	Nil	N/A

In 21/22 the charge for outdoor fitness training will be waived. With the uncertainty about when Indoor Gyms may reopen as a result of Covid -19 parks have become very popular for fitness training providing a valuable resource for fitness and general well-being. Operators will still be required to provide details of their Public Liability Insurance and Risk Assessments together with the times they are using the sites so usage can be monitored and coordinated.

## Report of the Chief Executive

**AIR QUALITY ACTION PLAN**1. Purpose of report

To seek approval for an Air Quality Action Plan, and for its subsequent inclusion in the Climate Change and Green Futures Action Plan.

2. Detail

Each year, the Department for Environment Food and Rural Affairs (DEFRA) requires all local authorities in England to produce an Annual Status Report (ASR) in respect of air quality. The production of an ASR is intended to aid local transparency, increase accessibility of air quality to the wider public audience and encourage buy-in to delivering air quality improvement measures by those best placed to assist (e.g. directors of public health, transport managers etc.) The format of the report is specified by DEFRA.

Broxtowe's ASRs are approved by this Committee before submission. The Committee is advised of the feedback we receive from DEFRA.

Although the Annual Status Report makes reference to many actions to improve the air quality of the borough, many of these are the responsibility of partner agencies. Members therefore requested the production of a separate plan which contained actions which Broxtowe Borough Council itself could take in order to bring about improvements to air quality.

The proposed Action Plan is included at the appendix.

**Recommendation**

**The Committee is asked to RESOLVE to:**

**(1) APPROVE the Air Quality Action Plan**

**(2) APPROVE the inclusion of the Air Quality Action Plan into the Air Quality strand of the Climate Change and Green Futures Action Plan.**

Background papers

Nil

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Broxtowe  
Borough  
COUNCIL

# Improving the Air We Breathe



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## Introduction

The aim of this document is to report on new measures which Broxtowe Borough Council (the Council) can undertake to further improve the air quality within the borough.

An Air Quality Task and Finish Group was created, which included officers from a variety of departments within the Council to ensure that there was a broad range of knowledge. This resulted in an action plan comprising of a variety of suitable measures which would contribute to an improvement in air quality. The measures are outlined in Table 2.1 of this report.

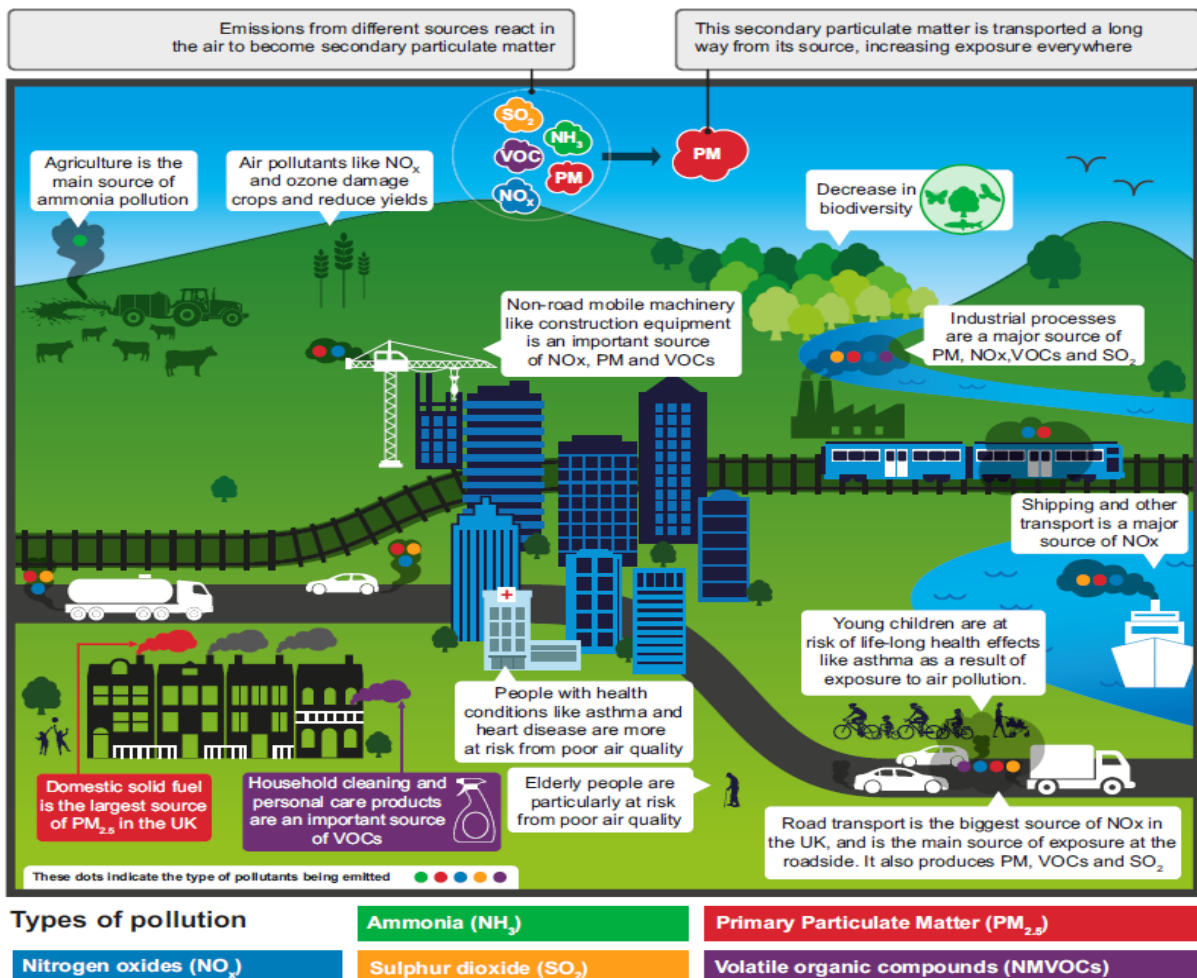
As well as new measures, this report also provides an overview of all the actions that the Council is undertaking to improve air quality within the borough. This report is supplementary to the Annual Status Report (ASR), which is the main air quality report submitted to central government. The ASR details all the measures that are being taken to improve air quality in the borough by the Council along with Nottinghamshire County Council and other partner agencies. The ASR is updated annually and has to be approved by the Department for Environment, Food and Rural Affairs (DEFRA). The action plan in this report will also be updated annually.

# 1. Air Quality in Our Area

## What is Air Pollution and where does it come from?

Air pollution is generally defined as any type of particulate (dust) or gaseous substance (e.g. Oxides of Nitrogen (NO)) that is emitted into the atmosphere due to the combustion of fuels such as coal, oil, gas, petrol, diesel and the burning of wood or natural gas from domestic central heating boilers or power stations. When these fuels are combusted, they are emitted into the atmosphere.

### The sources of air pollutants and their effects.



Source – Clean Air Strategy 2019, DEFRA

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/770715/clean-air-strategy-2019.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/770715/clean-air-strategy-2019.pdf)



## **Air Quality in the Borough of Broxtowe**

The main air quality issue within the Borough is due to the main trunk roads, the M1 and A52, which are heavily used, particularly by commuters. Residential properties are situated alongside both roads.

The main pollutants of concern within the Borough are Nitrogen Dioxide (NO<sub>2</sub>) and Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>). PM<sub>10</sub> are particles that are 10 microns to 2.5 microns in size, and PM<sub>2.5</sub> are particles that are 2.5 microns or less.

The Council has 43 Nitrogen Dioxide diffusion tube monitoring sites throughout the Borough. See Appendix A for the monitoring sites in 2019. The 2019 NO<sub>2</sub> results show that the pollution levels are below the National Air Quality Objective (NAQO) of 40µg/m<sup>3</sup> for all of the monitoring locations throughout the Borough. Although the objectives are being met, it is very important to continue to make improvements as poor air quality is a public health concern.

In respect of particulates, the modelled background level provided by Defra for the Borough of Broxtowe indicated levels between 8µg/m<sup>3</sup> and 11µg/m<sup>3</sup> for 2019, with the annual mean for 2019 being 9.73µg/m<sup>3</sup>. The World Health Organisation (WHO) guideline level for PM<sub>2.5</sub> is 10µg/m<sup>3</sup>.

However, research has shown that there can be harm to health at concentrations of Particulate Matter and Nitrogen Dioxide below the current EU and UK limit values. Therefore, the Council is working towards reducing the NO<sub>2</sub> and PM levels further by taking the measures shown in Table 2.1.

## **2. Actions to improve Air Quality**

Following the meetings of the Task and Finish Group, 30 new measures have been identified to further improve the air quality within the borough. The new measures are displayed in Table 2.1 of this report. Table 2.1 also includes previous measures that are currently being implemented or are on-going from the 2020 Annual Status Report.

It is proposed that the measures will be reviewed and reported to members on a regular basis in order that the progress made can be monitored.

Although the measures in the tables below are allocated to officers within the Council to undertake, the public can also become involved in improving air quality. Appendix B of this report details how the public can get involved.

**Table 2.1 – New Measures and Progress on Current Measures to Improve Air Quality**

Measure	Measure	Responsible Officer	Target Date	Comments
1	To investigate providing Supplementary Planning Guidance or a Supplementary Planning Document relating to 'Air Quality and Emissions Mitigation Guidance for Developers'	Planning Policy Department – Planning Policy Team Leader	2023	<p>Possible measures could involve:</p> <ul style="list-style-type: none"> <li>• Supplementing Part 1 of Policy 20 of the Local Plan to provide further guidance on what reasonable steps are required in order to encourage the use of public transport.</li> <li>• Supplementing Part 2 of Policy 20 of the Local Plan to say what would constitute a “significant deterioration” in air quality</li> <li>• Supplementing Part 3 Policy 20 of the Local Plan to set a ratio of Electric Vehicle Charging Points to new dwellings.</li> <li>• Promoting Travel Choices – Encouraging developers to provide occupants with ‘travel packs’ regarding public transport, walking and cycling to all new built homes.</li> </ul>
2	To contribute to Nottinghamshire Air Quality Strategy (NAQS)	NCC/NCiC/ Borough and District councils	Complete in 2019 2020 2020	<ul style="list-style-type: none"> <li>• Strategy reviewed and rewritten; and the draft was approved at the Nottinghamshire County and City Health &amp; Wellbeing Board in 2019.</li> <li>• The NAQS will be published online in 2020.</li> <li>• The finished format of the NAQS will be published and sent to all Nottinghamshire Councils to be endorsed by their portfolio holders in 2020.</li> </ul>
3	To promote the Nottinghamshire Air Quality Strategy	Public Protection – Environmental Health Technical Officer	On-going	<ul style="list-style-type: none"> <li>• The NAQS will be promoted on BBCs website once it has been endorsed by portfolio holders in 2020.</li> </ul>
4	Inspection of Permitted Processes	Public Protection – Environmental Health Technical Officer	On-going	<ul style="list-style-type: none"> <li>• Annual inspections of permitted processes were undertaken; all permitted processes were risk rated with the higher risk processes incurring a higher annual subscription fee. The risk rating did not change in 2019, and all permitted processes were fully compliant.</li> </ul>
5	To ensure that all Permitted Processes (where feasible) continue to be rated as 'low environmental risk'	Public Protection – Environmental Health Technical Officer	On-going	<ul style="list-style-type: none"> <li>• Progress will be updated as appropriate.</li> </ul>

Measure	Measure	Responsible Officer	Target Date	Comments
6	To inspect Crushers that are used within the Borough on demolition sites when notifications are received to ensure compliance with the process permit and ensure good housekeeping is being maintained	Public Protection – Environmental Health Technical Officer	On-going	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
7	To ensure that all Dust Management Plans are reviewed and approved during the planning application stage	Public Protection – Environmental Protection Officers	On-going	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
8	To reschedule the dry recycling waste rounds to reduce fuel consumption and improve efficiency	Transport and Stores Manager	March 2021	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
9	To reschedule the green waste rounds to reduce fuel consumption and improve efficiency	Transport and Stores Manager	March 2021	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
10	To develop a plan for future infrastructures to support growth in BBC's Electric Fleet and the domestic use of Electric Vehicles	Transport and Stores Manager	March 2022	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
11	Electric Vehicle Fleet Procurement for small vans below 2 tonnes	Transport and Stores Manager	2021-2024	<ul style="list-style-type: none"> <li>The Council currently has a fleet of 8 small vans (below 2 Tonnes). Two of these vehicles have been replaced with electric vehicles.</li> <li>From 2021 to 2024 the remaining 6 vehicles where practical and economic (As they reach a life of 12 years) will be replaced with 1 electric vehicles.</li> </ul>
12	To use the on board Vehicle Monitoring IT System data for fleet vehicles (e.g. it records harsh braking, excessive speeding etc. On the basis of this data a programme of driver training will be created to address safety, fuel economy, extended vehicle life and reduced emissions	Transport and Stores Manager	November 2020	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>

Measure	Measure	Responsible Officer	Target Date	Comments
13	<b>Capital Fleet Vehicle Replacement for HGV's</b>	Transport and Stores Manager	2021-2024	<ul style="list-style-type: none"> <li>The Capital Vehicle Fleet replacement programme for HGV's (Refuse Freighters 26 Tonnes) identified for replacement will be replaced with Euro standard engines (Euro 6 onwards).</li> <li>Before purchasing, consideration will be given based on practicality and economics of the adoption of new technologies that have come to market. This includes Electric and Hydrogen Propulsion methods.</li> </ul>
14	<b>Vehicle emissions testing</b>	Transport and Stores Manager	On-going On-going	<ul style="list-style-type: none"> <li>All BBC Fleet vehicles (98 road vehicles including 20 LGV's) are annually emission tested in house prior to MOT Emission testing.</li> <li>BBC also undertakes additional emissions tests on all fleet vehicles if any new fuel or engine components have been changed. This is to ensure vehicle emission compliance.</li> </ul>
15	<b>To encourage cycling and walking as alternatives to using private vehicles</b>	Head of Public Protection and HR	On-going	<ul style="list-style-type: none"> <li>Annual walking and cycling awareness will be promoted on BBCs website.</li> </ul>
16	<b>Marketing of cycling</b>	BBC	On-going	<ul style="list-style-type: none"> <li>Cycling in Broxtowe has increased by 5% between 2010 and 2019.</li> </ul>
17	<b>To investigate the feasibility of increased provision for cycle parking in the Borough</b>	Head of Public Protection and HR	2023	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
18	<b>Traffic management control patrols on arterial route through the Borough at peak period travel times to identify hot spots where parking affects the traffic flow</b>	Parking services – Parking Manager	On-going	<ul style="list-style-type: none"> <li>All main routes into, out of and through the Borough are patrolled regularly and enforcement action where necessary is taken. If particular areas suffer as a result of road works patrols are increased to ensure the smooth flow of traffic.</li> </ul>
19	<b>Increase the number of Electric Vehicle Charging Points in the Borough</b>	Parking services – Parking Manager	2021	<ul style="list-style-type: none"> <li>This is undertaken in association with BP chargemaster, who fund the capital and revenue for number of years BBC lose income by dedicating spaces solely for Electric Vehicle use.</li> <li>2 x rapid fast charges being installed at Victoria Street car park Stapleford in 2021, BBC will dedicate 4 spaces for Electric Vehicle use.</li> </ul>

Measure	Measure	Responsible Officer	Target Date	Comments
20	<b>To contribute to Nottingham Go-Ultra Low programme - introduction of area wide EV charging network</b>	NCiC/NCC/ BBC; OLEV funding	2020	<ul style="list-style-type: none"> <li>•£6.1m funding secured for 2016-2020 through the Go Ultra Low programme</li> <li>•123 locations in the county have been investigated for the potential provision of EV charge points as part of GUL project - 24 in Broxtowe; of which five were currently feasible; providing one rapid and 20 fast charge points within car parks in four towns within the borough (Beeston, Eastwood, Kimberley and Stapleford).</li> <li>•Funding for the programme ended in 2020; additional funding to continue the programme is being sought.</li> </ul>
21	<b>Promoting on the Council Webpage the Council's Electric Vehicle Charging Points Network within the Borough</b>	Parking services – Parking Manager	On-going	<ul style="list-style-type: none"> <li>• The Council currently has 28 electric vehicle charging points in Beeston, Stapleford, Kimberley and Eastwood these are displayed with the postcodes for easy identification on the Council website and this is updated when necessary.</li> </ul>
22	<b>To continue investigating the installation of Electric Vehicle Charging Points for staff and visitors to the Council to use</b>	BBC	2020 On-going	<ul style="list-style-type: none"> <li>• Investigation into this has been undertaken and the infrastructure and power supply has already been installed within Devonshire Avenue car park.</li> <li>• Funding opportunities for further charging points need to be explored.</li> </ul>
23	<b>Investigation into whether it is feasible for free parking in the borough car parks for Electric and Hybrid vehicles</b>	Parking services – Parking Manager	2021 2023	<ul style="list-style-type: none"> <li>• There are currently 28 x 7KW Electric Vehicle spaces, an additional 2 rapid Electric Vehicle charging spaces from January 2021, totalling 30 spaces.</li> <li>• It is currently not free to park and this would need consideration by members Any free provision would have to be managed by limiting time, otherwise it would reduce the availability of spaces for Electric Vehicles.</li> </ul>
24	<b>Review of off-street car parking charging</b>	BBC	2020 2020	<ul style="list-style-type: none"> <li>• BBC is currently consolidating all of their Off-Street Parking Orders into one Order which will be made legal in 2020.</li> <li>• Charges will also be reviewed on an adhoc basis with the next review being due in 2020 for the 2020/21 charges. This review will also include the use of electric vehicle charging points.</li> </ul>
25	<b>To contribute to Bus infra-structure</b>	BBC and NCC; integrated transport block funding	On-going  On-going	<ul style="list-style-type: none"> <li>•An annual programme of updates and maintenance of all stops including updating network maps to ensure all information is current and accurate is on-going. In 2019/20 this included the North Broxtowe Infrastructure Improvements - bus stop infrastructure improvements on strategic corridors to tie in with growth areas and operator investment.</li> <li>•Implementation on-going.</li> <li>•BBC provides 50% of the funds for the installation of new bus shelters and real time bus information at bus stops.</li> </ul>

Measure	Measure	Responsible Officer	Target Date	Comments
26	<b>Sustainable Travel information for the Public</b>	Head of Public Protection and HR	On-going	<ul style="list-style-type: none"> <li>• BBC have leaflets on safe cycling on the tram lines, bus routes, Broxtowe cycling map, Broxtowe Country and Erewash Valley routes and walking leaflets. These are all available in the Council reception.</li> <li>• Sustainable Travel methods are also available on the main council website.</li> </ul>
27	<b>To Replace older combination boilers and system boilers to Seasonal Efficiency of a Domestic Boiler in the UK (SEDBUK) A rated condensing boilers</b>	Capital Works Manager	2022 On-going	<ul style="list-style-type: none"> <li>• The replacement of the remaining less efficient units (less than 1%) is planned over the next 18 months.</li> <li>• The typical life cycle of a unit is 15 years. Therefore, the current stock needs to be replaced as it becomes beyond its serviceable life. This is a 15 year Rolling program.</li> </ul>
28	<b>To investigate and consider new heating technologies that are more efficient, effective and produce lower emissions</b>	Capital Works Manager	2021 and ongoing  2021	<ul style="list-style-type: none"> <li>• Currently reviewing the development of hydrogen technology for boilers. Studies show that the emissions are reduced greatly. Subject to existing networks and Government.</li> <li>• A trial is currently being undertaken for fitting air source heat pumps in 2 new builds. The success of this will be reported on.</li> </ul>
29	<b>To investigate and consider suitable alternative replacements for the remaining electrically heated Council properties</b>	Capital Works Manager	December 2024 On-going consideration	<ul style="list-style-type: none"> <li>• Initially these systems will primarily be replaced with high heat retention storage heaters.</li> <li>• Air source heat pumps will also be considered at suitable properties where a retro fit solution is possible.</li> </ul>
30	<b>Taxi Licensing Conditions</b>	Licensing Team - Licensing Manager	On-going	<ul style="list-style-type: none"> <li>• No cars normally older than 8 years will be licensed as a taxi within the borough.</li> </ul>
31	<b>To Increase the number of low emission and electric vehicles licensed as Taxis by Broxtowe Borough Council.</b>	Licensing Team - Licensing Manager	On-going	<ul style="list-style-type: none"> <li>• Broxtowe Borough Council currently license 1 Electric vehicle and 16 Hybrid vehicles out of the 154 Vehicles that are licensed to operate as Taxis.</li> </ul>
32	<b>To Investigate the feasibility of incentives for Taxi Drivers to purchase low emission or electric vehicles</b>	Licensing Team - Licensing Manager	April 2023	<ul style="list-style-type: none"> <li>• Progress will be updated as appropriate.</li> </ul>
33	<b>To consult with Taxi Trade about Increasing the number of Low Emission and Electric vehicles licensed</b>	Licensing Team - Licensing Manager	April 2023	<ul style="list-style-type: none"> <li>• Progress will be updated as appropriate.</li> </ul>

Measure	Measure	Responsible Officer	Target Date	Comments
34	To amend the Taxi Policy as required following consultation on increasing the number of low emission and electric vehicles licensed	Licensing Team - Licensing Manager	June 2023	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
35	To provide all allotments within the borough with green waste recycling collections	Environment – Head of Environment	On-going	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
36	To communicate with all allotment providers in the borough to discourage the use of bonfires to dispose of garden waste	Public Protection - Chief Environmental Health Officer	On-going	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>
37	Encouraging the use of Hybrid or Electric vehicles for BBC staff	Head of Public Protection and HR	On-going	<ul style="list-style-type: none"> <li>To encourage employees of BBC to purchase hybrid vehicles and electric vehicles for their personal and business use.</li> <li>One employee used a personal hybrid vehicle in 2019.</li> </ul>
38	Flexible working arrangements	NCC/BBC	On-going On-going On-going	<ul style="list-style-type: none"> <li>NCC operates flexible working arrangements for all its staff.</li> <li>BBC New Ways of Working was introduced in 2019, which allows and encourages employees to work from home when practical to do so.</li> <li>Due to Covid-19 restrictions This will be continued, to some extent, going forward.</li> </ul>
39	Cycle to work Scheme	Head of Public Protection and HR	On-going	<ul style="list-style-type: none"> <li>Cycle to work Scheme – to assist and give tax relief on bike purchases for employees of BBC.</li> <li>Nine employees used this scheme in 2019.</li> </ul>
40	Investigate the feasibility of a Council staff car sharing club	Head of Public Protection and HR	2023	<ul style="list-style-type: none"> <li>Progress will be updated as appropriate.</li> </ul>

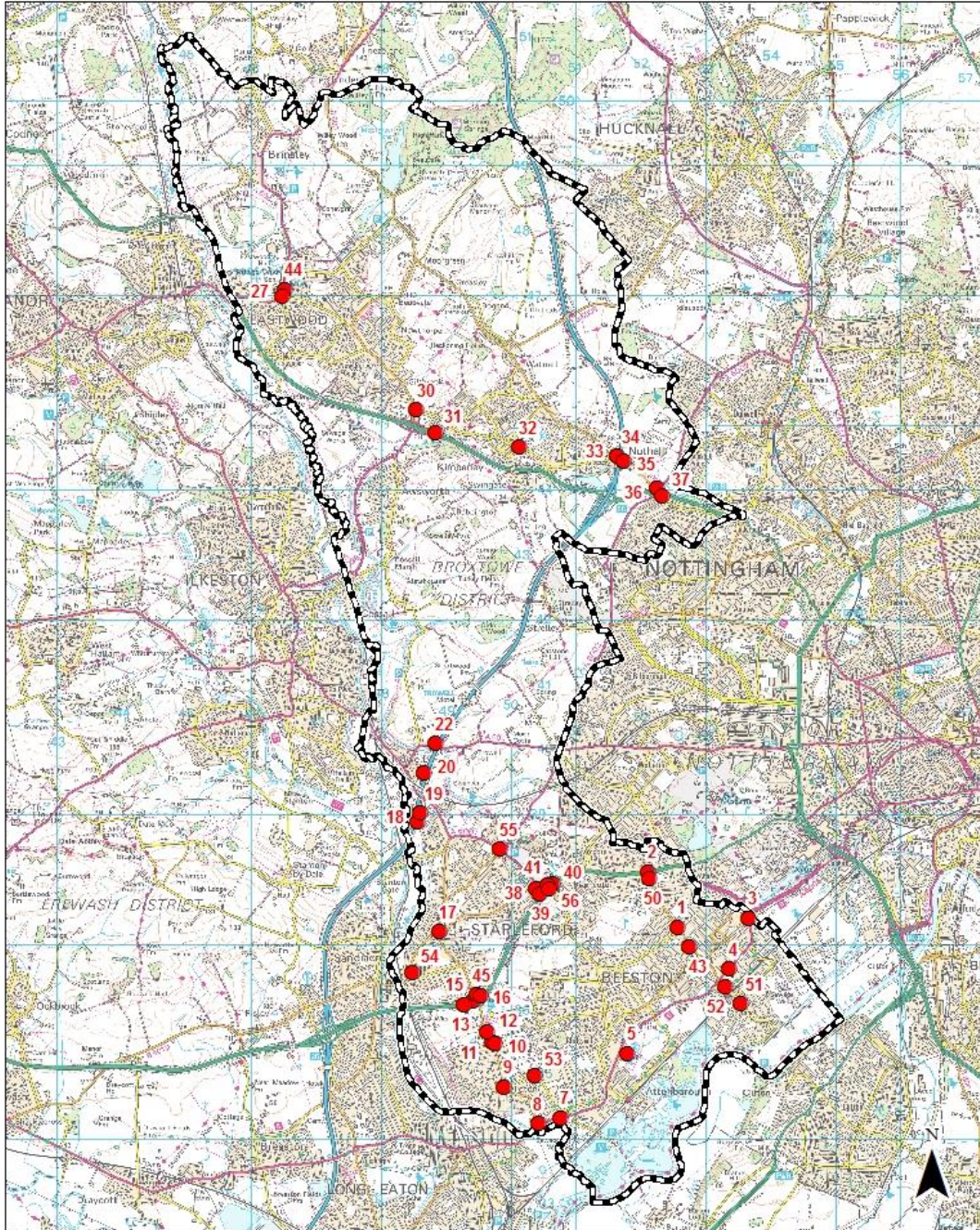
**BBC**= Broxtowe Borough Council, **NCC**= Nottinghamshire County Council, **NCiC**= Nottingham City Council.



## **Conclusion.**

The project has identified forty measures in total which the Council can undertake to further improve air quality within the borough. Thirty of the forty are new measures that were devised.

# Appendix A: Map of the Borough of Broxtowe.



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Figure A.1 – 2019 Diffusion Tube Location

## Appendix B: How the public can get involved

Residents and businesses living or working in Nottinghamshire can improve the air quality in the area by taking simple measures. One of the main changes that can be made is to use sustainable travel more and reduce dependency on the car when possible. Below are some of the actions that people can take, and particularly for short journeys.

- Public transport – To use all means of public transport whenever possible e.g. trams, buses and trains. In addition to printed materials, an integrated public transport planning tool detailing local bus, rail and tram networks, as well as for trips further afield can be found at <https://www.nottinghamshire.gov.uk/travelchoice/journey-planner> and <http://www.traveline.info/> Details on travelling on school buses to Nottinghamshire schools and assistance available to do so, can be found at <http://www.nottinghamshire.gov.uk/education/travel-to-schools>. The tram timetable is available at <http://www.thetram.net/> The Big Wheel promotes sustainable travel within the Nottingham urban area (including parts of Broxtowe); it assists people and businesses with journey planning and advice. Further information can be found at <http://www.thebigwheel.org.uk/>
- Car share – The Nottinghamshire car share scheme, ‘*nottinghamshare*’, is available to anyone <https://liftshare.com/uk/community/nottinghamshare> but all businesses can produce their own.
- Park and Ride – There are a variety of Park and Ride sites within Nottinghamshire, which serve the Nottingham Tram and buses. Information for these Park and Ride sites which includes maps of their locations are found at <http://www.nottinghamshire.gov.uk/transport/public-transport/park-and-ride>
- Walking and Cycling – The health benefits of physical activity e.g. walking or cycling outweigh the risks from air pollution. The worst pollution can easily be avoided by travelling along quieter streets. Even walking on the side of the pavement furthest from the road can help.

## Walking -

- Walk short distances rather than drive; this also has the benefit of improving your health as well.
- Information on walking networks in Nottinghamshire can be found at <http://www.nottinghamshire.gov.uk/planning-and-environment/walking-cycling-and-rights-of-way/walking> and <http://www.nottinghamcity.gov.uk/transport-parking-and-streets/rights-of-way-walking-and-cycling/walking-in-nottingham/> and a planning tool for deciding your route when walking can be found at <http://walkit.com/>
- Walking and cycling to school – School travel plans promote group cycling and walking for pupils to safely get to school. Information on the travel to school options can be found at <http://www.nottinghamshire.gov.uk/education/travel-to-schools>.

## Cycling –

Use the extensive cycle routes that are available throughout Nottinghamshire. Maps and cycling journey planners that cover all of Nottinghamshire, including the city and further afield are available at <http://www.nottinghamshire.gov.uk/planning-and-environment/walking-cycling-and-rights-of-way/cycling>. Maps of just the city cycle routes for Nottingham are available at <http://www.nottinghamcity.gov.uk/cycling>. Sustrans is a charity that promotes sustainable travel and further information can be found at <http://www.sustrans.org.uk/> RideWise, a local cycling charity, also provide advice, training, bike rides, free bike loans and information about routes and journey planning. Further information about RideWise can be found at <http://www.ridewise.org.uk/ride/index.php>

- Driving- When driving, people can still help to improve air quality by;
  - Make sure that your car is at its most efficient and think about how you drive, this will also save you money. Tips on how to save money on fuel and reduce your emissions are available at <http://www.energysavingtrust.org.uk/travel/driving-advice>.

- If changing a car, consider buying a low-emission vehicle. More information on these vehicles and the support available at <http://goultralownottingham.org.uk/>
- Bonfires – To not have bonfires at all and to compost all garden waste and recycle rubbish rather than burn it.
- Heating the home –
  - Smoke Control Area – Large parts of Nottinghamshire are smoke control areas, therefore smoke cannot be emitted from a unless you are burning an authorised fuel or using an exempt appliance e.g. some burners or stoves. Further information on suitable fuels and exempt appliances can be found at <https://smokecontrol.defra.gov.uk/index.php> All appliances must be kept in good working order to ensure that they are working efficiently and people are advised to contact their Local Council to determine whether they are in a smoke control area or not.
  - House Boilers – Ensure that boilers are serviced regularly and kept in good working order. If a boiler needs replacing, then purchase one that has a low NOx emission rating

## Glossary of Terms

Abbreviation	Description
ASR	Air Quality Annual Status Report
BBC	Broxtowe Borough Council
Defra	Department for Environment, Food and Rural Affairs
EU	European Union
HE	Highways England
HGV's	Heavy Goods Vehicles
HS2	High Speed Train 2
$\mu\text{g}/\text{m}^3$	Microgrammes of pollutant per cubic metre of air
$\text{NO}_2$	Nitrogen Dioxide
$\text{NO}_x$	Nitrogen Oxides
NCC	Nottinghamshire County Council
PCN	Penalty Charge Notice
PM	Particulate Matter
$\text{PM}_{10}$	Airborne particulate matter with an aerodynamic diameter of $10\mu\text{m}$ (micrometres or microns) or less
$\text{PM}_{2.5}$	Airborne particulate matter with an aerodynamic diameter of $2.5\mu\text{m}$ or less
SEDK	Seasonal Efficiency of a Domestic Boiler in the UK
SPD	Supplementary Planning Document
SPG	Supplementary Planning Guidance
WHO	World Health Organisation

## References

Defra, *Clean Air Strategy, 2019* Department for Environment Food and Rural Affairs,  
Available at:

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/770715/clean-air-strategy-2019.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/770715/clean-air-strategy-2019.pdf) (Accessed 20th November 2020).

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**Report of the Strategic Director**

<b>WORK PROGRAMME</b>
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1. Purpose of report

To consider items for inclusion in the Work Programme for future meetings.

2. Background

Items which have already been suggested for inclusion in the Work Programme of future meetings are given below. Members are asked to consider any additional items that they may wish to see in the Programme.

14 June 2021	<ul style="list-style-type: none"> <li>• Performance Management – Review of Business Plan Outturn</li> <li>• Climate Change and Green Futures Update (including Noting reports on Tree and Meadow Planting, Water Course Visits / Outcomes and Employee Car Leasing)</li> <li>• Litter/Bin Infrastructure Strategy</li> <li>• Clean and Green Update</li> <li>• Digital Cemetery Records</li> <li>• Air Quality Status Report</li> </ul>
13 September 2021	<ul style="list-style-type: none"> <li>• Performance Management – Review of Business Plan Progress – Environment</li> <li>• Climate Change and Green Futures (including Noting reports on Communications Campaign, Housing Delivery, Core Planning, Recycling, and Hospitality)</li> <li>• Water Courses – progress made with engagement and management arrangements</li> <li>• Trent Gateway Masterplan Update</li> <li>• Carbon Footprint</li> <li>• Clean and Green Update</li> </ul>

<p><b><u>Recommendation</u></b></p>
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<p><b>The Committee is asked to CONSIDER the Work Programme and RESOLVE accordingly.</b></p>
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Background papers

Nil

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