



Friday, 15 November 2019

Dear Sir/Madam

A meeting of the Environment and Climate Change Committee will be held on Monday, 25 November 2019 in the Council Chamber, Council Offices, Foster Avenue, Beeston NG9 1AB, commencing at 7.00 pm.

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

Yours faithfully

Chief Executive

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

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

## A G E N D A

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 - 4

To approve the minutes of the previous meeting held on 1 October 2019.

4. ALLOTMENTS IN BROXTOWE PAGES 5 - 12  

To update members on the provision of allotments in Broxtowe.
5. MANAGEMENT OF WATER COURSES PAGES 13 - 18  

To update members on the various roles and responsibilities relating to flood risk from water pathways in Broxtowe.
6. TREE PLANTING - FREE FRUIT TREES PAGES 19 - 20  

To update members on the initiative to provide 500 fruit trees free to Broxtowe Residents.
7. GARDEN WASTE CHARGES 2020/21 SUBSCRIPTION FEE PAGES 21 - 24  

To seek approval for the 2020/21 garden waste subscription fees.
8. CLIMATE CHANGE AND GREEN FUTURES APPROACH PAGES 25 - 40  

To provide an update for Councillors on the approach to Green Futures and Climate Change Programme in Broxtowe.
9. PERFORMANCE MANAGEMENT - REVIEW OF BUSINESS PLAN PROGRESS - ENVIRONMENT PAGES 41 - 46  

To report progress against outcome targets identified in the Environment Business Plan, linked to Corporate Plan priorities and objectives, and to provide an update as to the latest key performance indicators therein.
10. WORK PROGRAMME PAGES 47 - 48  

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

## **ENVIRONMENT AND CLIMATE CHANGE COMMITTEE**

**TUESDAY, 1 OCTOBER 2019**

Present: Councillor H E Skinner, Chair

Councillors: S A Bagshaw  
L A Ball BEM  
S Easom  
T Hallam  
P Lally  
R D MacRae  
G Marshall  
P M Roberts-Thomson  
P D Simpson (substitute)  
D K Watts  
R D Willimott

Apologies for absence were received from Councillors L Fletcher and R I Jackson.

### 1 **DECLARATIONS OF INTEREST**

There were no declarations of interest.

### 2 **TERMS OF REFERENCE**

Members noted the Terms of Reference for the Committee which were agreed at the Council meeting held on 17 July 2019.

### 3 **PRIDE IN PARKS - PLAY AREA AND PARKS/OPEN SPACE IMPROVEMENTS**

Members noted the progress on the schemes in the 2019/20 capital programme as part of the Pride in Parks initiative. The Committee was informed that funding had been allocated to undertake improvements to the Borough owned play areas that had been identified as high priority sites in the Play Strategy.

### 4 **INVESTING IN A GREENER FLEET**

The Committee was updated on the Council's vehicle and plant fleet and reviewed opportunities to introduce greener options when renewing or replacing vehicles and plant. It was queried as to whether the impact of moving to a greener fleet would be monitored, members were informed the Green Future Project Board had been implemented which would identify the carbon footprint of the Council and reports would be returned to the Committee in due course.

5 OPTIONS FOR BULKY WASTE

Within the scope of the Clean and Green initiative there was a budget allocation of £15,500 to provide free bulky waste collections through Waste Day events.

Members considered a number of options for the provision of a free bulky waste service and on deliberation showed a preference for Option 3 within the report. This option would entail the provision of a free collection week during the winter months and additional Waste Day events on a Saturday to support the free service. Up to additional 18 Waste Day events could be provided with the existing funds.

**RESOLVED that Option 3 contained within the report be implemented.**

6 CLEAN AND GREEN UPDATE

On 19 November 2018 members approved the implementation of the Clean and Green initiative. The initiative identified a number of on-going activities which supported the Council's Key Priority to ensure that the environment in Broxtowe was protected and enhanced for future generations.

Members noted an update with regards to the activities undertaken as part of the initiative since the last Committee in June 2109.

7 PERFORMANCE MANAGEMENT - REVIEW OF BUSINESS PLAN PROGRESS - ENVIRONMENT

Members noted progress against outcome targets identified in the Environment Business Plan, linked to Corporate Plan priorities and objectives and were provided with an update as to the latest key performance indicators therein.

8 WORK PROGRAMME

Members considered the Work Programme and agreed that a representative be invited to provide information on the need for the Council as an organisation being net carbon neutral by 2027.

**RESOLVED that the Work Programme, as amended, be approved.**

9 EXCLUSION OF PUBLIC AND PRESS

**RESOLVED that, under Section 100A of the Local Government Act, 1972, the public and press be excluded from the meeting for the following item of business on the grounds that it involves the likely disclosure of exempt information as defined in paragraphs 1 and 2 of Schedule 12A of the Act.**

10 ENVIRONMENTAL SERVICES REVIEW

**RECOMMENDED** to the Personnel Committee that the revised structure for the Environmental Services Section as set out in appendix 2 of the report be approved.

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## Report of the Strategic Director

### ALLOTMENTS IN BROXTOWE

#### 1. Purpose of report

To update members on the provision of allotments in Broxtowe.

#### 2. Background

The Borough Council is responsible for 8 allotment sites in the Attenborough, Beeston and Chilwell areas of the borough, with three of the sites operating as “self-managed” sites by the respective associations (see appendix 1).

The allotment sites in Parish areas of the borough are maintained by the respective Town and Parish Councils. The fees for the Borough allotment rental and water charges are set on an annual basis with the current rates detailed in appendix 2. The rental charge goes towards the cost of managing and maintaining the sites, with the water charge funding the cost of the water and any repairs and maintenance to the water supply infrastructure.

Appendix 3 makes reference to community orchards and the provision of toilets on the allotments.

#### 3. Financial implications

The net cost of the Council’s allotments is met by Beeston Council Tax payers through the Beeston Special Expenses charge. This cost in 2019/20 amounts to £1.51 per property based upon a Band D council tax.

There are no additional costs at this stage arising from the report. However, if following discussions with the allotment associations on the management and maintenance of composting toilets proposals are brought before the committee for consideration then the financial implications of these proposals and the implications for Beeston council tax payers will be included in the information provided to Members

#### Recommendation

**The Committee is asked to NOTE the report.**

#### Background papers

Nil

## APPENDIX 1

**ALLOTMENT SITES MAINTAINED BY BROXTOWE BOROUGH COUNCIL**

<b>SITE</b>	<b>NUMBER OF PLOTS</b>	<b>SELF MANAGED SITE</b>	<b>WATER SUPPLY TAP/BOREHOLE</b>	<b>CURRENT VACANCIES</b>
Attenborough Lane, Chilwell	10	No	Tap	1
Borehole, George Avenue, Chilwell	132	No	Borehole	3
Dennis Avenue, Beeston	16	No	Tap	6
Grove Avenue, Chilwell	147	No	Tap	1
Inham Nook, Pearson Avenue, Chilwell	100	Yes	Tap	0
Leyton Crescent, Beeston	116	Yes	Tap	0
Trent Vale	38	No	Tap	3
Wollaton Road	128	Yes	Tap	0

**SELF MANAGEMENT OF ALLOTMENT SITES**

The sites at Inham Nook, Leyton Crescent and Wollaton Road are classed as self-managed. The process operates as follows:

- The Allotment Associations rent the sites from the Council, arrange tenancy agreements, collect rents and undertake maintenance and repairs.
- The Associations are paid an annual sum by the Council for undertaking this function and use this money along with the rents collected to maintain and develop the sites.
- The plot holders are the tenants of the Associations rather than of the local authority. The Borough Council retains defined oversight and strategic functions.
- The Associations pay the Council an annual rental based on the income collected from the tenants.



The system works very well for both parties with the Associations having more direct control over the site and the Council has to spend less administrative and officer time on the sites.

### **ALLOTMENT SITES MAINTAINED BY PARISH/TOWN COUNCILS**

<b>PARISH / TOWN COUNCIL</b>	<b>NUMBER OF SITES</b>	<b>NUMBER OF PLOTS</b>	<b>WATER SUPPLY</b>	<b>NUMER OF VACANCIES</b>
Eastwood Town Council	2	99	Tap	2
Greasley Parish Council	1	23	Tap	0
Kimberley Town Council	2	32	Tap	2
Stapleford Town Council	5	255	Tap	43

In the Parishes of Awsworth, Brinsley, Cossall, Nuthall and Trowell there are no allotments managed by the Town or Parish Councils.

### **WAITING LISTS**

In recent years the number of people on the waiting lists has reduced significantly and in general plots are available on most sites. The self-managed sites are however often more popular and at these sites there can be a waiting period for a plot.

## APPENDIX 2

**CHARGES FOR ALLOTMENTS**

The figures detailed below were approved by Leisure and Environment Committee on 23 January 2019.

	Full charge per standard 250m <sup>2</sup> plot	Concession charge per standard 250m <sup>2</sup> plot	Water charge per plot
Effective 1 Jan 2019	£33.00	£16.50	£19.00
Effective 1 Jan 2020	£34.00	£17.00	£20.00
Effective 1 Jan 2021	£35.00	£17.50	£21.00

The charges for future years are approved in advance as notice must be given to allotment holders as part of their tenancy agreement. With different size plots the plot rental is charged pro rata on the plot size. Plots below 125m<sup>2</sup> are charged at the 125m<sup>2</sup> rate.

The concessionary rate for allotments includes concessions for plot holders who are:

- Receiving state pension
- Disabled
- Unemployed

The water charge is per plot irrespective of size or if the water is supplied by tap or borehole.

**Concessions**

The Council offers a 50% concession on the plot rental to allotment holders who are either receiving state pension, have a disability or are unemployed. Concessions are offered on all plot sizes and not just the standard 250m<sup>2</sup> plots.

The table below provides information on the number of plots on each of the Council controlled allotment sites and the number of concessions.

<b>SITE</b>	<b>TOTAL NO OF PLOTS</b>	<b>PLOTS WITH CONCESSIONS</b>
Attenborough Lane	10	1
Borehole	132	30
Dennis Avenue	16	2
Grove Avenue	147	45
Trent Vale	38	5

The sites at Leyton Crescent, Inham Nook and Wollaton Road are self-managed and the Council do not hold records of the number of concessions at these sites.

### Water Charges

For a number of years comments have been received about water charges. The main issues raised are:

- Why do I have to pay for 2 water charges when I have 2 plots?
- Why do I have to pay a full water charge when I only have half a plot?
- Why do I have to pay water charges when the site has boreholes and not water taps?

A previous review of allotments recommended a standard charge for water across all plots, irrespective of the type of supply and the size of plot. The charge for the water supply not only contributes to the cost of the water used on the site but also for the ongoing repairs to the pipes, taps and borehole pumps.

It is appropriate however to encourage allotment holders to adopt a 'greener' approach to allotment gardening by promoting horticultural methods that reduce water consumption, using water butts to collect water and looking to introduce push button taps as and when taps need to be replaced on the sites. This in turn will reduce water consumption and may allow water charges to be frozen or even reduced in future years.

In January each year a newsletter is sent to all plot holders. In the 2020 edition the focus will be on 'Greening your Allotment' with tips on water saving and gardening methods that will help the environment. It is however proposed that when the fees and charges for subsequent years are revised at the Environment and Climate Change Committee on 3 February 2020 that a 50% reduction to the water charge be introduced for half plots.

**APPENDIX 3****COMMUNITY ORCHARDS**

Allotments do offer the potential to create community orchards where the fruit grown can be used by the allotment holders on the site. Orchards are places for the community on the allotment sites to come together. They promote the health benefits of fresh fruit and offer a hands on approach to learning new gardening skills. They also have their own special calendar, creating opportunities for the community to take part in events such as Blossom Day and Apple Day. At the present time there are orchards on the allotments sites at Inham Nook and Wollaton Road. At Inham Nook an event is planned this winter which will see two apple trees of the cultivar “Bess Pool” planted. This is a very old cultivar that originated in Chilwell. The event will also include work to promote biodiversity on the site.

The Council is also currently working with the “Dig-In” project at Albany Allotments in Stapleford to develop a community allotment this winter and also looking to create a small pocket orchard at Dennis Avenue Allotments Beeston.

Working with Community Groups such as “Dig-In” allows the social and mental health benefits that allotments provide to be further developed.

There is an opportunity to create additional community orchards on suitable vacant plots when they become available at the other sites. The target is to create one new community orchard each year working with the respective Allotment Associations to ensure that the areas will be appropriately managed and maintained.

**TOILETS**

The major obstacle in providing toilet facilities at allotment sites is an absence of mains sewer connections or an electric supply. This can be overcome in a number of ways with various companies offering compost and waterless toilets. The other option is to hire in portable toilets and have these serviced on a regular basis.

Detailed below is a summary of current toilet provision on the allotments.

Inham Nook Allotments – portaloo toilet, no problems reported. This is financed direct by the allotment association from their budget allocation as part of the self-management agreement.

Leyton Crescent Allotments – compost toilet. This was installed a number of years ago but unfortunately due to misuse and the lack of volunteer cleaners is not used any more. Again this toilet was funded by the association as part of the self-management agreement.

Wollaton Road Allotments – portaloo toilet, no problems reported. There is also a compost toilet and whilst no problems have been reported it is not popular and gets limited use. These are both funded by the association as part of the self-management agreement.

There are no toilets on the remaining 5 borough owned sites. The sites at Attenborough Lane, Dennis Avenue and Trent Vale are relatively small. Both the

Borehole and Grove sites have over 100 plots and have the biggest potential for toilet provision. Whilst compost toilets are not without their issues, as identified at Leyton Crescent, there are many new suppliers on the market offering different options. It is therefore proposed to explore the possibility, working with the allotments associations at Borehole and Grove Avenue, to look at the potential of installing compost toilets at these sites with the associations taking on the management and maintenance of the facilities. Given that the cost of compost toilets ranges from £4,000-£8,000 dependant on the type and suppliers then there would need to be full support from the association to manage and maintain these prior to progressing this further. The biggest single issue is likely to be recruiting volunteers to maintain and clean the toilets.

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## Report of the Strategic Director

### MANAGEMENT OF WATER COURSES

#### 1. Purpose of report

To update members on the various roles and responsibilities relating to flood risk from water pathways in Broxtowe.

#### 2. Background

Flood events are often a complex interaction between different water sources and pathways that water travels along. Responsibility for managing the various pathways be it rivers, streams, watercourses or larger bodies of water rests with a number of different organisations or individuals. This is summarised in the appendix. Given the number of organisations involved a clear definition of responsibilities and effective communication is vital if the risk to people, property and the environment is to be managed effectively. In Nottinghamshire the County Council is the Lead Local Flood Authority and their role and the respective roles of the other agencies are clarified in the Nottinghamshire Local Flood Management Strategy.

#### 3. Financial implications

The current budget for monitoring the drainage ditches and watercourses that this council is responsible for is £30,000. Demand on this budget can vary annually depending on ground and weather conditions but there are key works that take place annually which are funded from this budget.

#### **Recommendation**

**The Committee is asked to NOTE the report.**

#### Background papers

Nil

**APPENDIX****Risk Management Authorities (RMA) in Nottinghamshire****1. Nottinghamshire County Council**

Nottinghamshire County Council is the Lead Local Flood Authority (LLFA) for Nottinghamshire and has a number of roles and responsibilities for flood risk management.

They are responsible for flood risk management from:

- Surface water,
- Groundwater and,
- Ordinary watercourses,

Operationally as a LLFA, the County Council:

- Investigates flooding incidents
- Develops Flood Risk Management solutions where viable and appropriate.
- Compiles a flood risk management asset database
- Undertakes various land drainage activities, including consenting to works and enforcement on ordinary watercourses
- Responds to planning applications for major developments as a statutory consultee on local flood risk management and drainage

Also as a Highways Authority they maintain drains and ditches that serve to drain the adopted highway.

Their responsibilities as LLFA, complement the work that partner organisations undertake including:

- Local land drainage
- Emergency planning and response
- Environmental management

They seek to work with relevant landowners to promote suitable action where private drainage networks have the potential to cause flooding. The County Council however has no legal responsibility for clearing out drains, ditches and watercourses that are on private land in private ownership.

**2. Environment Agency**

The Environment Agency (EA) takes a risk-based approach to flood risk management and is responsible for providing a strategic overview for all sources of flooding. The EA is a national organisation but is administered at a local level. It leads on the delivery of the national Flood and Coastal Erosion Investment Programme. The EA carries out maintenance to Flood Risk Management Assets in line with Government Policy of maximising benefits from available funding and leads nationally on Flood mapping, modelling, forecasting and warnings.



Locally the EA;

- Provides a Flood Warning Service, which helps and advises of imminent flood risk to individuals and emergency responders alike
- Provides a strategic overview role
- Has a key role in climate change adaption and provides critical flood risk data to individuals and private businesses

Generally the Environment Agency manages flooding from main rivers and regulates third party works on main rivers. The Environment Agency is also responsible for managing risk from reservoirs. They are also a statutory consultee for planning applications in Flood Zones.

### **3. Broxtowe Borough Council**

Along with the other 6 District and Borough Councils in Nottinghamshire this Council is responsible for certain works on ordinary watercourses as part of its land drainage responsibilities to ensure that these do not have the potential to pose a flooding risk.

As the Local Planning Authority this Council is also responsible for managing planning applications and must ensure that proposed schemes have, where appropriate, sustainable drainage systems for the management of water run-off. The County Council as LLFA are consulted on the management of surface water and this Council must ensure that clear arrangements are in place for ongoing maintenance of the drainage over the lifetime of the development.

The key sections of watercourses that the Council is responsible for are:

<b>Location</b>	<b>Comments</b>
Nottingham Canal	Six miles of disused canal from Bramcote to Eastwood. The canal is an important wildlife corridor and forms part of the Erewash Valley Trail. The water levels are monitored during periods of drought and heavy rainfall for cracks and leaks.
Nether Green Brook, Eastwood	This links to the Beauvale Brook and runs through Hall Park. The section in Hall Park is checked regularly to clear debris that may create flooding upstream.
Beauvale Brook	This carries water down from Moorgreen Reservoir running through Eastwood Cricket Ground where maintenance work is undertaken to ensure free passage of water. It then runs to the rear of properties on Greenhills Road before emerging in Hall Park as the Nether Green Brook.

Location	Comments
Daisy Farm Brook	Open brook running through Smithurst Road Open Space down towards the A610.
George Avenue Allotments Brook, Chilwell	Brook that runs on the boundary of the allotments and Hetley Pearson Recreation Ground. Routine work to clear debris.
Gloucester Avenue Brook, Nuthall	Brook that forms the boundary with Nottingham City Council. Any maintenance is done on a partnership arrangement between Broxtowe, the County Council and Nottingham City Council with the City council taking lead responsibility.
Brinsley Brook, Brinsley Headstocks	Section of brook running through the Headstocks site which then eventually feeds down into the Beauvale Brook

### Canal and Rivers Trust

This charitable organisation was set up in 2012 to care for various waterways holding them in trust for the public to enjoy. They are responsible for 2,000 miles of canals and rivers across England and Wales together with bridges, tunnels, aqueducts and reservoirs. In Broxtowe they are responsible for the Erewash Canal, Beeston Canal and Moorgreen Reservoir.

### Riparian Responsibilities

Landowners adjacent to a watercourse are under common law the riparian owner of the watercourse. If the watercourse is situated between two or more property boundaries, each owner will be equally responsible. A riparian owner has the right to protect their property against flooding from the watercourse. They are also responsible for maintaining the bank and bed of the section of watercourse adjacent to their property in order to avoid any obstruction or flow of the watercourse.

## APPENDIX 2

**Relevant Key Terms**

<b>Term</b>	<b>Definition</b>
Aquifer	A source of groundwater comprising water bearing rock, sand or gravel capable of yielding significant quantities of water
Attenuation	The storing of water to reduce peak discharge in other areas
Catchment Flood Management Plan	A high-level planning strategy through which the Environment Agency works with their key decision makers within a river catchment to identify and agree policies to secure the long term sustainable management of flood risk.
Culvert/culverted	A channel or pipe that carries water below the level of the ground.
Floodplain	Area adjacent to river, coast or estuary that is naturally susceptible to flooding.
Flood Risk	The level of flood risk is the product to the frequency or likelihood of the flood events and their consequences (such as loss, damage, harm, distress and disruption).
Flood Risk Assessment	Considerations of the flood risks inherent in a project, leading to the development actions to control, mitigate or accept them.
Fluvial flooding	Flooding by a river or a watercourse.
Groundwater	Water that is in the ground, this is usually referring to water in the saturated zone below the water table.
Local Flood Risk	Defined in the Flood and Water Management Act as flooding from surface runoff, ordinary watercourses and groundwater.
Main River	Watercourse defined as a 'Main River Map' designated by DEFRA. The Environment Agency has permissive powers to carry out flood defence works, maintenance and operational activities for main rivers only.
Mitigation Measure	An element of development design which may be used to manage flood risk or avoid an increase in flood risk elsewhere.

<b>Term</b>	<b>Definition</b>
Ordinary Watercourse	A watercourse that does not form part of a main river. This includes 'all rivers and streams and all ditches, drains, cuts, culverts, dikes, sluices (other than public sewers) and passages, through which water flows.
Overland Flow	Flooding caused when intense rainfall exceeds the capacity of the drainage systems or when, during prolonged periods of wet weather, the soil is so saturated such that it cannot accept any more water.
Riparian Owner	Anyone who owns land or property alongside a river or other watercourse. Responsibilities include maintaining river beds/banks and allowing flow of water to pass without obstruction.
Sustainable Drainage System (SuDS)	Methods of management practices and control structures that are designed to drain surface water in a more sustainable manner than some conventional techniques.

**APPENDIX 3****Way Forward**

It is clear that whilst this Council does not take the lead on flooding and the potential risk of flooding in Broxtowe, it does have a key role to play working alongside other agencies. The current budget for monitoring the drainage ditches and watercourses that this council is responsible for is £30,000. Demand on this budget can vary annually depending on ground and weather conditions but there are key works that take place annually which are funded from this budget. They include:

- Monthly checks and clearance of outfalls and drains at key locations.
- Servicing and maintenance of pumping stations at:  
Mill Lane, Cossall  
Beacon Road Flats, Beeston  
Queens Road, Beeston  
Lower Road, Beeston

The council will continue to assess the watercourses in the area and build on the programme of works currently undertaken to mitigate the risk of flooding. It will also liaise with both the County Council and the Environment Agency at times of flood risk. In particular it will work with the Environment Agency on schemes that protect and enhance both the Blue and Green Infrastructure within Broxtowe through work on the watercourses and the areas adjacent to them that offer benefits for recreation, wildlife, heritage and education. A project that embraces these values, the "Trent Gateway Project", is currently being developed and a report will be brought to this committee next year relating to this proposal.

## Report of the Strategic Director

### TREE PLANTING – FREE FRUIT TREES

#### 1. Purpose of report

To update members on the initiative to provide 500 fruit trees free to Broxtowe Residents.

#### 2. Background

The Council has a target to plant 2,000 trees each year across the borough. This year, as part of the contribution towards this, an initiative was brought forward following discussions with the Chair and Vice Chair of the Committee to offer 500 free fruit trees to residents in the Borough. Details of the scheme are provided in the appendix. Response to this scheme has been very positive and more than 850 requests have been received for trees. The successful applicants have now been informed and collection days arranged at Devonshire Avenue car park, Beeston and Kimberley Depot on Saturdays in January 2020. Given the success of the initiative it is proposed to repeat the initiative next year taking on board comments and feedback following the events.

#### 3. Financial implications

The cost of the 500 trees was £3,250. The estimated cost of distributing the trees on two days in January 2020 is £1,650. It is anticipated that these costs will be contained within the 2019/20 revenue budgets allocated for Tree Management and the Clean and Green initiative.

### Recommendations

**The Committee is asked to NOTE the report.**

#### Background papers

Nil

**APPENDIX****Details of Free Fruit Trees**

Fruit trees were chosen for this initiative to generate the public's interest in the Council's policy to plant 2,000 trees a year. Trees have the benefit of connecting people and families for the purpose of planting and then observing them grow and establish. Fruit trees also have the added benefit of providing a source of food. The trees chosen, 3 varieties of apple and 2 varieties of pear, all have been grown on dwarfing rootstocks so they are suitable for a small garden or even a large container.

The trees were sourced locally and the varieties determined by what was available in the numbers required.

**Apples****James Grieve**

Popular dual purpose variety, can be used for cooking when young and then as an eating apple. Attractive red blush colour to the skin. 90 trees.

**Cox**

One of the UK's favourite apples. Fruit is juicy and sweet with a mellow taste. 90 trees.

**Discovery**

An early season dessert apple. Fresh yellow/green in colour with dark red patches. 70 trees.

**Pears****Conference**

Very old established variety, reliable and well suited to the UK climate. 125 trees.

**Doyenne du Comice**

Very sweet variety and full of flavour cropping in mid to late autumn. 125 trees.

The trees will be between 1.0 and 1.5m in height and will be supplied with an information leaflet about the varieties of tree and details as to how the plant and care for them. The offer was limited to 500 trees for both financial and operational reasons. With approximately 250 trees to be given away at each event in Beeston and Kimberley the teams will be very busy on the day both administering the process and assisting people as they collect their trees.

The process to apply for the trees using a link on the Council's website worked very well with all the necessary information provided to allow the process of advising the successful applications to be administered.

## Report of the Strategic Director

### GARDEN WASTE SUBSCRIPTION CHARGES FOR 2020/21

#### 1. Purpose of report

To seek approval for the 2020/21 garden waste subscription fees.

#### 2. Background

An income target of £680,000 was set for the 2019/20 subscription period. 20,042 properties have currently subscribed to the 2019/20 service (as of October 2019), so far generating an income of £699,986.

The Council increased the subscription fee for 2019/20 by £1 on the main subscription fee and £2 for each additional bin. The number of subscribers in 2019/20 has increased from those in 2018/19 suggesting that the service represents good value for money.

Outlined in the appendix are options relating to the charges for the garden waste collection service for 2020/21.

#### 3. Financial implications

The financial implications of each option are shown in the appendix.

#### Recommendation

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

- 1. The price for the first bin for 2020/21 be increased to £34**
- 2. The price for additional bins for 2020/21 be increased to £18.**
- 3. The resolution be RECOMMENDED to the Finance and Resources Committee for approval.**

#### Background papers

Nil

## APPENDIX

**Charges for 2019/20**1. Comparison of charges

The table below shows the charges for the kerbside garden waste collection service for all district councils within Nottinghamshire.

Local Authority	Initial bin price (2019/20)	Additional bin price (2019/20)	Service Provision
Broxtowe Borough Council	£33	£16	Fortnightly March to November, monthly December through to February
Gedling Borough Council	£36	£18	Fortnightly March to December – no service January and February
Rushcliffe Borough Council	£35	£20	No collections over the Christmas period
Newark and Sherwood	£35	£35	Fortnightly March to November, monthly December through to February
Mansfield District Council	£30	£15	Fortnightly March to November, monthly December through to February
Ashfield District Council	£28	£14	Fortnightly March to December
Bassetlaw District Council	£32	£32	Fortnightly March to November - no service December to February

The current fee of £33 for the first bin is around the average price across the Nottinghamshire districts. There are significant differences in the prices charged for the use of additional bins. The current charge of £16 is the second lowest in Nottinghamshire. The average price for an additional bin is £19.

By October 2019, 2181 subscribers have paid for the use of additional bins.

2. Charging mechanism

Residents can currently subscribe to the service in three ways:

- Online
- By telephone
- By using the kiosk (located in Beeston Council Offices)

Approximately 76% of Broxtowe subscribers use the online payment system. Online subscription is by far the cheapest and easiest payment method and equates to a cost of £0.15p per transaction.



### 3. Options for charges

Different proposed charges for 2020/21 are shown in the tables below. The figures used in the tables are based on 20,042 subscribers (the number as at October 2019).

The different options illustrate the projected income based on different prices for the first and additional bins.

Number of bins	Number of subscribers	£33 (Current price)	Projected income from first bins		
			£34 (Increase £1)	£35 (Increase £2)	£36 (Increase £3)
1	20042	£661,386	£681,428	£701,470	£721,512
Potential Income	Additional	<b>0</b>	<b>£20,042</b>	<b>£40,084</b>	<b>£60,126</b>

Number of additional bins	Number of subscribers	£16 (current price)	Projected income from additional bins		
			£17 (Increase £1)	£18 (Increase £2)	£19 (Increase £3)
1	1935	£30,960	£32,895	£34,830	£36,765
2	177	£5,664	£6,018	£6,372	£6,726
3	54	£2,592	£2,754	£2,916	£3,078
4	5	£320	£340	£360	£380
5	4	£320	£340	£360	£380
6	2	£192	£204	£216	£228
7	2	£224	£238	£252	£266
9	2	£288	£306	£324	£342
Total		<b>£40,560</b>	<b>£43,095</b>	<b>£45,630</b>	<b>£48,165</b>
Potential Income	Additional		<b>£2,535</b>	<b>£5,070</b>	<b>£7,605</b>

### 4. Risks

Increasing the price may increase the risk that customers do not re-subscribe. However, the overall number of subscribers has increased by 316 (October 2019) from the previous year suggesting the service represents good value for money.

**5. Recommendations**

The following charges are proposed:

- The price for the first bin is increased to £34.
- The price for additional bins is increased to £18.

It is envisaged that the price increase on the first bin will generate additional income in the region of £20,042.

It is envisaged that the price increase for the additional bin will generate additional income in the region of £5,070.

Based on the current year's subscription numbers it is predicted that these changes will not have any major effect on the customer base or the Council's recycling rate.

The price increases will ensure that the provision of the garden waste collection service is in line with neighbouring authorities.

## Report of the Strategic Director

### CLIMATE CHANGE AND GREEN FUTURES PROGRAMME APPROACH

#### 1. Purpose of report

To provide an update for Councillors on the approach to Green Futures and Climate Change Programme in Broxtowe.

#### 2. Background

Broxtowe Borough Council has undertaken a number of initiatives to support its approach to carbon management and the environment. In 2009 the Council worked with the Carbon Trust to create a Carbon Management Plan that looked to reduce the organisation's CO<sub>2</sub> emissions by 25% by 2015 and a minimum of 34% by 2020. The baseline CO<sub>2</sub> emissions for the Council in 2009/10 was 4242 kilo tonnes (see appendix 1). To determine the current baseline, the Council is working with the Carbon Trust to utilise its Footprint service. A further report will be presented to the next Environment and Climate Change Committee with details of the current position.

The Council has continued to work with its communities in relation to the environment and played its part in the implementation of the Tram extension. Government statistics demonstrate that between 2005 and 2017 the Borough has reduced its CO<sub>2</sub> emission from 5.9 to 4.4 kilo tonnes per capita, a 25.4% reduction. This includes such as industry, agriculture, transport and domestic energy use. It is anticipated that the impact of the tram will be more clearly seen in the 2018 and 2019 statistics once available (see appendix 2).

The Council has declared a Climate Change emergency setting a target of Net Zero by 2027. The intention moving forward is to deliver the emerging strategic actions, a number of which are identified within this report, as part of the Climate Change and Green Futures Programme, details of which are provided in appendix 3.

#### 3. Financial implications

There are no current financial implications. However, as the Climate Change and Green Futures Programme matures any emerging financial implications will be reported to the committee.

#### Recommendation

**The Committee is asked to NOTE the report.**

#### Background papers

Nil

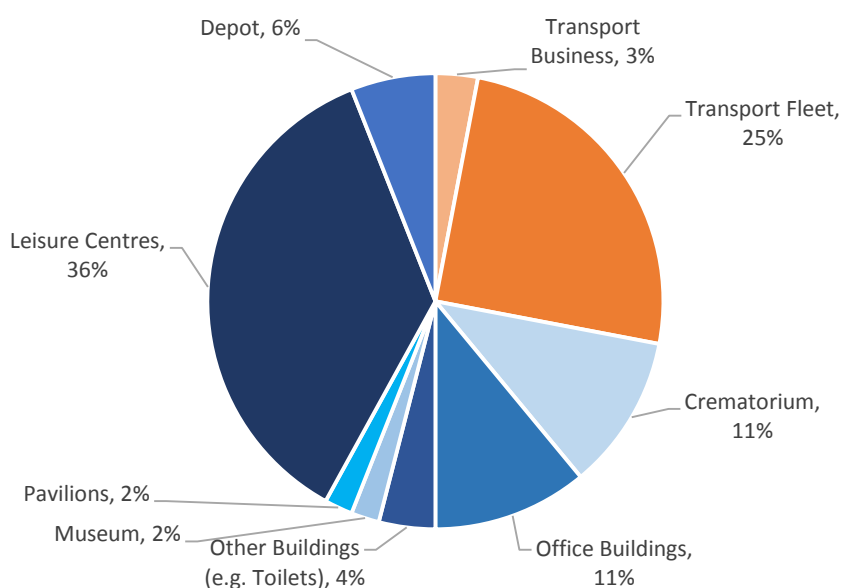
## APPENDIX 1

**Broxtowe Borough Council – Carbon Footprint**

The Carbon Management plan was developed in 2009 as a result of the Council working with the Carbon Trust. The plan provided a baseline and a list of projects to be delivered between 2009/10 and 2014/15. Extracts of the plan are provided below for information.

**Baseline Summary CO<sub>2</sub> emissions (tonnes) and costs for 2009/10**

	<b>Category</b>	<b>tCO<sub>2</sub>e 2009/10</b>	<b>%</b>	<b>£</b>
<b>Buildings</b>	Depot, Kimberley including offices	246	6	50,942
	Pavilions	97	2	20,669
	Museums	73	2	15,543
	Leisure Centres	1524	36	298,727
	Other buildings include toilets and cemetery chapels	170	4%	37,309
	Office Buildings including the Town Hall, Council Offices, Cash Offices, Cavendish Lodge, 14 Devonshire	482	11%	104,187
	Crematorium	474	11%	92,594
<b>Total</b>		<b>3,066</b>	<b>72%</b>	<b>619,971</b>
<b>Transport</b>	Fleet	1049	<b>25%</b>	<b>349,698</b>
	Business	127	<b>3%</b>	<b>44,947</b>
<b>Grand Total</b>		<b>4,242</b>	<b>100%</b>	<b>1,014,616</b>



A total of 37 quantified projects and a further 23 unquantified projects were identified as part of the Carbon Management Plan. Many of these projects and more were successfully delivered including for example:

- Rationalisation of buildings
- Introduction of photo voltaic cells on the Council Offices
- Replacement of bulbs with LED lighting
- More accurate metering
- Virtualisation of much of the core ICT estate
- Reduction in printing devices
- Redesign of the fleet replacement programme resulting in extending the life of vehicles
- Redesign of refuse rounds resulting in reduction of fuel usage
- Installation of combined heat and power units

The Council has engaged the Carbon Trust to perform a new baseline exercise utilising their Footprint service. The results will demonstrate the progress the Council has made and in addition the exercise will provide the necessary tools to enable the Council to generate its own annual baseline moving forward, allowing progress to be measured more accurately.

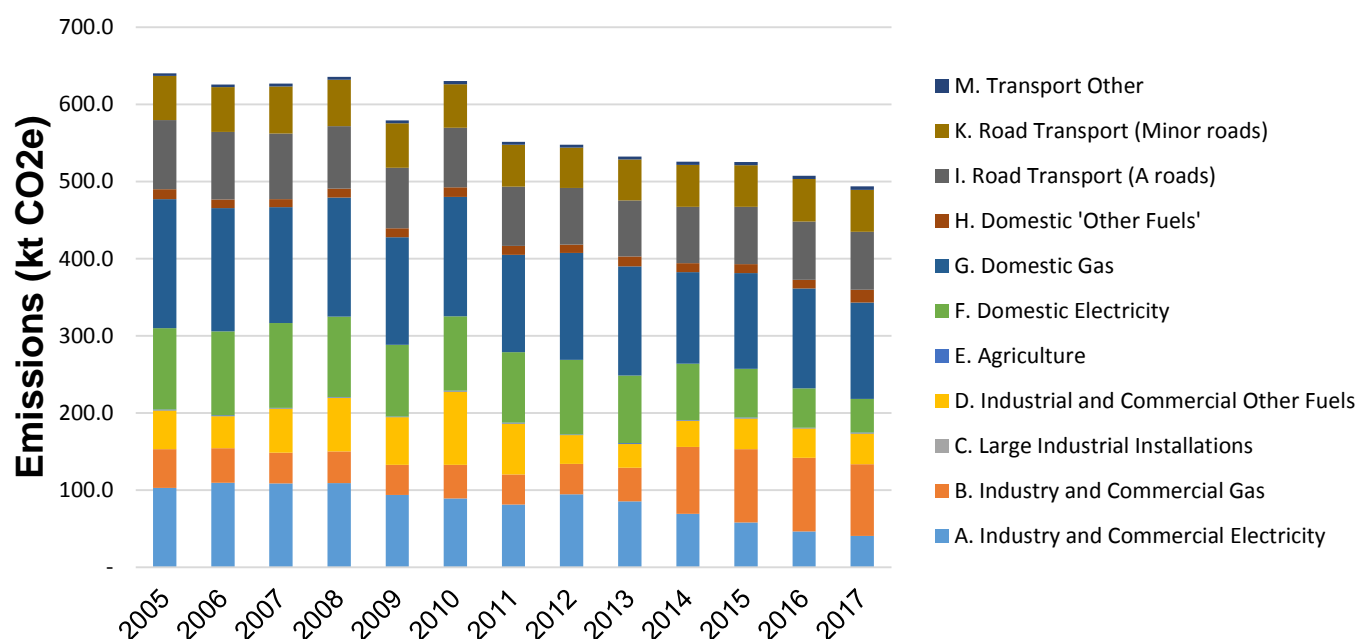
## APPENDIX 2

**Broxtowe Borough – Carbon Footprint**

The Broxtowe Borough is calculated to have emitted 493.6 kt CO<sub>2</sub>e in 2017 (source: UK local authority carbon dioxide emissions national statistics). The breakdown of CO<sub>2</sub> from the key sectors is shown in the table below.

Sector	2017	Sector Description
Domestic	185.2 kt CO <sub>2</sub> e	This is the heat and electricity usage from domestic dwellings in Broxtowe Borough including social housing
Non-domestic	174.5 kt CO <sub>2</sub> e	The usage from commercial, industrial, retail and public sector properties
Transport	133.9 kt CO <sub>2</sub> e	Carbon from all vehicles including cars, LGVs, motorcycles, buses and HGVs

The graph below provides a summary of the Borough of Broxtowe's carbon emissions from 2005 to 2017. The trends show that emission have fallen 25.4% from nearly 640.5 kt CO<sub>2</sub>e in 2005 (5.9 kt CO<sub>2</sub>e per capita) to 493.6 kt CO<sub>2</sub>e in 2017 (4.4 kt CO<sub>2</sub>e per capita).

**Broxtowe Borough Council CO<sub>2</sub> Emissions by Sector and Fuel**

The Council has continued to work with its communities in relation to the environment and played its part in the implementation of the Tram extension. It is anticipated that the impact of the tram will be more clearly seen in the 2018 and 2019 statistics once available.

Note: A Committee on Climate Change progress report to parliament notes that the national reductions have mostly been a result of the reduction in carbon from electricity generation for domestic and commercial sectors, due to the increasing level of renewable generation and reduction in the use of coal. Energy efficiency has

also reduced overall demand for electricity and gas over the period by 20% and 30% respectively. However, efficiency in gas use has stalled in the last 5 years. Reductions in other sectors such as transport and heat have been much smaller.

<https://www.gov.uk/government/statistics/uk-local-authority-and-regional-carbon-dioxide-emissions-national-statistics-2005-to-2017>

## APPENDIX 3

**Climate Change and Green Futures Programme**

The Council has declared a Climate Change emergency setting a target of Net Zero by 2027. The intention moving forward is to deliver the emerging strategic actions, a number of which are identified within this report, as part of the Climate Change and Green Futures Programme.

The Steering Group for the programme is taken from across the Council to demonstrate a truly authority wide approach to delivery of the programme objectives:

- Strategic Director
- Head of Environment
- Head of Housing
- Head of Public Protection
- Head of Property Services
- Head of Neighbourhood and Prosperity

Highlight reports will be produced quarterly and be used to report overall programme progress. Reports will be generated for the General Management Team as required.

The programme currently contains a number of project strands. These include:

- Climate Change Strategy
- Fuel
- Transport and Fleet Strategy
- Energy and Building Infrastructure
- Employee and Business Mileage
- Water Courses
- Meadow Planting / Wildlife Corridors
- Tree Planting
- Recycling
- Housing Delivery
- Housing Improvements
- Core Strategy / Planning
- Technology
- Air Quality
- Hospitality / Support

A short update is provided below under each of the named project strands.

1. Climate Change Strategy

The strategy and the programme are emerging so it is expected that new actions and new project strands will be added to the programme as time progresses and our understanding matures.

The importance of establishing a sound foundation based on accurate data cannot be under estimated. By working with the Carbon Trust the Council is looking to achieve a solid foundation on which to measure future progress.



In the Corporate Plan 2019- 2023 Broxtowe Borough Council's vision is "A greener, safer, healthier Broxtowe where everyone prospers". The key Environmental objective in achieving this vision is to "protect the environment for the future" with the three priorities being to:

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

The strategic vision for the Climate Change Strategy is to:

***Act now! to reduce the Council's carbon footprint to net zero by 2027 and influence, encourage and assist households, businesses and schools within the Borough to strive towards the same goal***

No.	Strategic actions	Owner
1	Establish a baseline for CO <sub>2</sub> emissions for 2018/19 focusing on level 1 and level 2 emission sources. Compare with previous baseline and report position	Strategic Director / Head of Environment
2	Ensure methodology followed in strategic action 1 is repeatable for subsequent years moving forward, allowing progress to be measured more accurately.	Strategic Director / Head of Environment
3	Establish a baseline for CO <sub>2</sub> emissions based on level 3 emission sources (e.g. impact of supply chain, housing stock, employee travel to and from work)	Strategic Director / Head of Environment
4	Deliver the Climate Change and Green Futures Programme including the creation of a full Climate Change Strategy and Carbon Management Plan (CMP)	Strategic Director
5	Develop further strategic actions following the carbon footprint analysis and partnership engagement.	Strategic Director / Head of Environment

Further actions will be added as the strategy emerges.

## 2. Fuel

The Council has redesigned its residual waste (black bin) rounds resulting in a reduction of fuel used by 32,000 litres. In addition, two electric vehicles have been purchased as part of the vehicle replacement programme in 2019/20, as well as carbon reduction a further advantage will be the reduction in fuel consumed.

No.	Strategic actions	Owner
1	Reschedule the recycling and green waste rounds in order to deliver economies with regards	Operations Manager

No.	Strategic actions	Owner
	to fuel usage and better utilisation of vehicles in the fleet.	
2	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Transport and Fleet Manager
3	Develop further strategic actions as part of the Fuel project strand delivery including the potential for smarter driving courses and educational material for employees, members, businesses and the wider community on how fuel economies can be achieved.	Transport and Fleet Manager

### 3. Transport and Fleet Strategy

The current Transport and Fleet Strategy is to be refreshed in 2019/20. During the current strategy improvements have been made in reducing the cost of managing the fleet by refurbishing rather than replacing vehicles and rationalising the fleet in order to achieve the delivery of the Council's business requirements with fewer vehicles.

No.	Strategic actions	Owner
1	Create a new Transport and Fleet Strategy with a focus where economically appropriate on electric vehicles.	Transport and Fleet Manager
2	Develop a plan for the further introduction of appropriate infrastructure to support potential growth in the electric fleet and growth in domestic use of electric vehicles.	Transport and Fleet Manager
3	Using available the data, produce a report on vehicle types registered in the Borough along with scenarios indicating the behavioural change necessary to help achieve net zero by 2027.	Transport and Fleet Manager
4	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Transport and Fleet Manager
5	Develop further strategic actions as part of the Transport and Fleet Strategy project strand delivery.	Transport and Fleet Manager

### 4. Energy and Building Infrastructure

The energy consumed by the Council is purchased from green energy sources. As a result of, for example, the rationalisation of building assets and the greater energy efficiency of electrical devices the energy consumption of the Council has reduced. The carbon footprint exercise currently being undertaken will help to inform exactly how much improvement has been made over time.

Building assets have been rationalised, photo voltaic cells have been installed on the main Council Offices and at some of the Housing Schemes. Work must now

be undertaken as part of the Climate Change and Green futures programme to determine the extent of the positive impact of this activity.

No.	Strategic actions	Owner
1	Capture and analyse the achievements to date in regards to energy consumption / creation to inform the approach moving forward and to inform the overarching communications programme.	Head of Property Services
2	Determine and report on approaches that will assist in reducing the organisations energy consumption further.	Head of Property Services
3	Capture and analyse the achievements to date in regards to building infrastructure to inform the approach moving forward and the overarching communications programme.	Capital Works Manager
4	Determine and report on approaches that will further assist the Council's building infrastructure reduce its carbon emission	Head of Property Services / Capital Works Manager
5	Develop further strategic actions as part of the Energy and Building Infrastructure project strand delivery.	Head of Property Services / Capital Works Manager

#### 5. Employee and Business Mileage

Business mileage has reduced by in excess of 40% over the last 10 years. Employee home to work mileage is not fully understood particularly as new initiatives such as New Ways of Working have introduced more agile working arrangements for some employees where service levels can be maintained or enhanced. A questionnaire is therefore being developed to help capture the current baseline so that future activity can be measured accurately.

No.	Strategic actions	Owner
1	Capture and analyse the achievements to date in regards to the reduction in business mileage to inform the approach moving forward and to inform the overarching communications programme.	Payroll and Job Evaluations Manager
2	Determine and report on approaches that may assist in reducing the Council's carbon emission impact of business mileage.	Payroll and Job Evaluations Manager
3	Create a baseline in regards to employee home to work mileage to inform the approach moving forward and to inform the overarching communications programme.	HR Manager
4	Determine and report on approaches that will further assist the reduction in the carbon emission impact of employee home to work travel (e.g. effect of new ways of working).	HR Manager
5	Develop further strategic actions as part of the Employee and Business Mileage project strand delivery including for example material that	Payroll and Job Evaluations Manager / HR Manager

No.	Strategic actions	Owner
	promotes the benefits of public transport and electric vehicles.	

## 6. Water Courses

A report on the management of water course appears on the Environment and Climate Change Committee agenda for 25 November 2019. Details of the agencies involved in managing water courses within the Borough and particularly the flood risk is explained in the report. Acknowledgement of the importance of maintaining both the blue and the green infrastructure in order to protect the environment for the future and enhance the wildlife corridors, will be the subject of a future report to the Committee.

No.	Strategic actions	Owner
1	Continue to work in partnership with all relevant organisation to maintain the blue infrastructure in Broxtowe.	Business and Projects Manager
2	Determine and report how the Blue and Green Infrastructure can be enhanced to help protect the environment for our native wildlife corridors.	Business and Projects Manager
3	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Business and Projects Manager
4	Develop further strategic actions as part of the Water Courses project strand delivery.	Business and Projects Manager

## 7. Meadow Planting / Wildlife Corridors

In 2015 the Council created its Green Infrastructure Strategy 2015 to 2030. The strategy identified the two primary wildlife corridors and the 23 secondary wildlife corridors that exist within the Borough.

A budget bid had been prepared for the 2020/21 budget, for the creation of new meadow planting and enhancement of existing meadow planting. This will further enhance the wildlife corridors within the Borough.

No.	Strategic actions	Owner
1	Continue to deliver the action within the Green Infrastructure Strategy 2015 - 2030.	Business and Projects Manager
2	Determine and report how the green and blue infrastructure can be enhanced to help protect the environment for our native wildlife corridors.	Business and Projects Manager
3	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Business and Projects Manager
4	Develop further strategic actions as part of the Meadow Planting / Wildlife Corridors project strand delivery.	Business and Projects Manager

8. Tree Planting

In 2018 the Council adopted the Tree Planting Strategy this was following an already successful initiative to plant over 100,000 trees within the borough. The Tree Planting Strategy was enhanced in 2019 to allow for 2000 trees to be planted annually. An initiative to provide free fruit trees to residents of the borough to plant in the borough has also recently been delivered. A report detailing this initiative appears on the Environment and Climate Change Committee agenda for 25 November 2019.

No.	Strategic actions	Owner
1	Continue to deliver the actions within the Tree Planting Strategy 2018.	Business and Projects Manager
2	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Business and Projects Manager
3	Determine and report on how the Tree Planting Strategy can be enhanced to help provide greater opportunities to encourage residents, schools and businesses to plant more trees and look at innovative ways to achieve the Council's tree planting goals including for example pocket orchards, community orchards and further free tree initiatives.	Business and Projects Manager
4	Develop further strategic actions as part of the Tree Planting project strand delivery.	Business and Projects Manager

9. Recycling

In 2018 the Council adopted a Single Use Plastics Policy.

As part of the Clean and Green initiative free bulky household waste collection events have been successfully run throughout the borough. This programme is to be enhanced during December, January and February this financial year to include one free weekly collection per month, three free weeks in total. This activity will help to achieved greater utilisation of refuse vehicles during months where the green waste collection service is reduced to once per month.

Broxtowe has worked in partnership with Nottinghamshire County Council to engage with schools to help educate our younger residents on the topic of recycling.

A budget bid has been made for the 2020/21 budget for additional resources in order to focus on educational activity within the Borough focusing on households. Analysis commissioned by Veolia indicates that if all of the recyclable material was placed in the recycle bin then Broxtowe's annual recycling rate, currently at 39%, would exceed 50%.

No.	Strategic actions	Owner
1	Continue to embed the intent within the Single	Environment and

No.	Strategic actions	Owner
	Use Plastics Policy 2018	Business Development Manager
2	Develop a programme of activity to ensure that additional resources are immediately effective from appointment	Environment and Business Development Manager
3	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Environment and Business Development Manager
4	Work with the Nottinghamshire Joint Waste Management Group to lobby for additional materials to be recycled.	Environment and Business Development Manager
5	Develop further video and educational material for schools, businesses, households, and employees in order to encourage behavioural change in regards to recycling.	Environment and Business Development Manager
6	Develop further strategic actions as part of the Recycling project strand delivery.	Environment and Business Development Manager

#### 10. Housing Delivery

In 2019 the Council adopted the Housing Delivery Plan 2019 - 2029. An Interim Housing Delivery Manager was appointed to ensure that the appropriate dedicated resource was focus on this important area of work.

No.	Strategic actions	Owner
1	Continue to deliver the actions within the Housing Delivery Plan 2019 – 2029 .	Head of Housing
2	Research eco-friendly methods of construction.	Head of Housing
3	Identification of potential solutions to reduce on-going energy use, including: <ul style="list-style-type: none"> <li>• Air Source Heat Pumps</li> <li>• Ground Source Heat Pumps</li> <li>• PV Panels</li> <li>• Water Conservation</li> <li>• Energy efficient lighting</li> <li>• Small wind turbines.</li> </ul>	Head of Housing
4	Review of existing environmental solutions included in new build developments at Broxtowe Borough Council in last ten years, including survey of tenant experience.	Head of Housing
5	Capture and analyse the achievements to date to inform the approach moving forward and the	Head of Housing

No.	Strategic actions	Owner
	overarching communications programme.	
6	Determine and report on how the Housing Delivery Plan can reduce carbon impact for all new developments.	Head of Housing
7	Develop further strategic actions as part of the Housing Delivery project strand delivery.	Head of Housing

### 11. Housing Improvements

A stock condition survey has recently been commissioned which will identify opportunities to improve the energy efficiency of the Council's Housing and inform the creation of a new Asset Management Plan for the Housing Stock. Central Governments Decent Homes Standard and the Council's own Broxtowe Standard have been used to inform the quality of the Council's Housing Stock.

No.	Strategic actions	Owner
1	Formulate the appropriate response to the outcome of the stock condition survey.	Capital Works Manager
2	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Capital Works Manager
3	Research alternatives to conventional heating systems and report finding.	Capital Works Manager
4	Develop further strategic actions as part of the Housing Improvements project strand delivery.	Capital Works Manager

### 12. Core Strategy / Planning

The review of the Aligned Core Strategy (ACS) for Greater Nottingham is underway and will include consideration of issues relating to climate change and flood risk. The first consultation document will be published in early 2020 and adoption is expected in December 2021. The review of the ACS will be in the context of the National Planning Policy Framework (NPPF), which includes an important section on 'Meeting the challenge of climate change, flooding and coastal change'.

No.	Strategic actions	Owner
1	Include proposals relating to energy efficiency and climate change as part of ongoing work on implementing Policy 17 of the Part 2 Local Plan, 'Place-making, design and amenity'.	Head of Planning and Economic Development
2	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Head of Planning and Economic Development
3	Gather evidence, including viability evidence, to inform ACS policies that will enforce / expand on NPPF requirements regarding energy efficiency and climate change.	Head of Planning and Economic Development

No.	Strategic actions	Owner
4	Develop further strategic actions as part of the Core Strategy / Planning project strand delivery.	Head of Planning and Economic Development

### 13. Technology

The latest ICT Strategy 2017-2021 includes the requirement to procure energy efficient hardware and to dispose of equipment that has reached the end of its life in an environmentally friendly way. Previously the strategy has delivered virtualisation of the core server infrastructure (e.g. reduction in the number of devices required from over 100 servers to 8), energy efficient hardware, rationalisation of the printer estate, and soft phones that exist on the laptop / PC rather than being a physical device.

No.	Strategic actions	Owner
1	Continue to deliver the actions contained within the ICT Strategy 2017-2021	ICT Manager
2	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	ICT Manager
3	Monitor technology development to ensure the Council is able to take advantage of developments that are economically and environmentally advantageous.	Strategic Director / ICT Manager
4	Develop further strategic actions as part of the Technology project strand delivery.	ICT Manager

### 14. Air Quality

The Council has introduced changes in Taxi Licensing Conditions at Broxtowe Borough Council: from the 13 June 2018, all new petrol vehicles are required to meet Euro 5 standards, all new diesel vehicles are required to meet Euro 6 emissions. Hybrid and Electric Vehicles will be licensed as "Taxis" by quoting minimum 70kW and reducing boot space requirement to allow for battery storage.

Low Emission Fleet Vehicles – Broxtowe Borough Council have purchased three new Euro 6 vehicles to replace three older more polluting vehicles.

Broxtowe Borough Council participates in the United Kingdom Nitrogen Dioxide diffusion tube network and has 43 diffusion tubes sites throughout the Borough. The sites are primarily monitoring the M1 corridor and the A52. Some of the diffusion tubes are sited within and near to the existing Air Quality Management Area (AQMA), which is situated in Trowell. Monitoring is still being undertaken in the three revoked AQMAs to ensure that the concentrations remain below the air quality objective. The Air Quality Annual Status report approved by DEFRA.

No.	Strategic actions	Owner
1	Continue to provide an annual Air Quality Status Report for the Borough which is fit for purpose	Head of Public Protection and HR
2	Capture and analyse the achievements to date to	Head of Public



No.	Strategic actions	Owner
	inform the approach moving forward and the overarching communications programme.	Protection and HR
3	Continue to work with relevant partners in order to bring about improvements in local air quality	Head of Public Protection and HR
4	Review the NO <sub>2</sub> diffusion tubes network; take proactive action to discontinue sites where the annual air quality levels are comfortably below the objective, and relocate them to new sites within the Borough allowing the identification of “problem” areas to be focussed on.	Head of Public Protection and HR
5	Develop further strategic actions as part of the Air Quality project strand delivery.	Head of Public Protection and HR

#### 15. Hospitality / Support

The implementation of the New Ways of Working environment has enabled a review and refresh of the way in which hospitality is provided for employees, visitors and members. Other than using up remaining stock the Council has removed the single use plastic and paper cups within the main Council Offices.

No.	Strategic actions	Owner
1	Determine and report on approaches that can further reduce the use of single use resources in both the areas of hospitality and support services.	Head of Administration
2	Capture and analyse the achievements to date to inform the approach moving forward and the overarching communications programme.	Head of Administration
3	Develop further strategic actions as part of the Hospitality / Support project strand delivery.	Head of Administration

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## Report of the Strategic Director

### **PERFORMANCE MANAGEMENT – REVIEW OF BUSINESS PLAN PROGRESS – ENVIRONMENT**

#### 1. Purpose of Report

To report progress against outcome targets identified in the Environment Business Plan, linked to Corporate Plan priorities and objectives, and to provide an update as to the latest key performance indicators therein.

#### 2. Background

The Corporate Plan 2016-2020 was approved by Cabinet on 9 February 2016. Business Plans linked to the five corporate priority areas of Housing, Business Growth, Environment, Health and Community Safety are subsequently approved by the respective Committees each year.

#### 3. Performance Management

As part of the Council's performance management framework, each Committee receives regular reports during the year which review progress against their respective Business Plans. This will include a detailed annual report where performance management is considered following the year-end.

This report is intended to provide this Committee with an overview of progress towards Corporate Plan priorities from the perspective of the Environment Business Plan. It provides a summary of the progress made to date on key tasks and priorities for improvement in 2019/20 and the latest data relating to Key Performance Indicators (KPI). This summary is detailed in appendix 1.

#### **Recommendation**

**The Committee is asked to NOTE the progress made in achieving the Business Plan for Environment and the current Key Performance Indicators for 2019/20.**

#### Background papers

Nil

## APPENDIX

## PERFORMANCE MANAGEMENT

1. Background - Corporate Plan

The Corporate Plan for 2016-2020 was approved by Cabinet on 9 February 2016. This plan sets out the Council's priorities to achieve its vision to make "Broxtowe a great place where people enjoy living, working and spending leisure time." Over the period, the Council will focus on the priorities of Housing, Business Growth, Community Safety, Health and 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 our Corporate Plan are realistic and achievable.

2. Business Plans

Business Plans linked to the five corporate priority areas, including Environment, were approved by the Full Council on 6 March 2019, following recommendations from the respective Committees in January/February 2019.

The Council's priority for Environment is that 'The environment in Broxtowe will be protected and enhanced for future generations'. Its objectives are to:

- Reduce litter and fly tipping to make Broxtowe cleaner (En1)
- Maintain and improve the green infrastructure of Broxtowe (En2)
- Increase recycling, composting, renewables and energy efficiency projects as resources allow and reduce residual waste (En3)

The Business Plans detail the projects and activities undertaken in support of the Corporate Plan for each priority area. These cover a three-year period and are revised and updated annually. Detailed monitoring of progress against key tasks and outcome measures in the Business Plans is undertaken regularly by the relevant Committee. This will include a detailed annual report where performance management and financial outturns are considered together following the year-end as part of the Council's commitment to closely align financial and performance management.






3. Performance Management

As part of the Council's performance management framework, this Committee receives regular reports of progress against the Environment Business Plan. This report provides a summary of the progress made to date on key tasks and priorities for improvement in 2019/20 (as extracted from the Pentana Risk performance management system). It also provides the latest data relating to Key Performance Indicators (KPI).






The Council monitors its performance using the Pentana Risk performance management system. Members have been provided with access to the system via a generic user name and password, enabling them to interrogate the system on a 'view only' basis. Members will be aware of the red, amber and green traffic light symbols that are utilised to provide an indication of performance at a particular point in time.

The key to the symbols used in the Pentana Risk performance reports is as follows:






#### Action Status Key


Icon	Status	Description
	Completed	The action/task has been completed
	In Progress	The action/task is in progress and is currently expected to meet the due date
	Warning	The action/task is approaching its due date (and/or one or more milestones is approaching or has passed its due date)
	Overdue	The action/task has passed its due date
	Cancelled	This action/task has been cancelled or postponed

#### Performance Indicator Key





Icon	Performance Indicator Status
	Alert
	Warning
	Satisfactory
	Unknown
	Data Only







## Environment Key Tasks and Priorities for Improvement 2019/20

Status / Icon	Action Code	Action Title	Action Description	Progress	Due Date	Comments
Warning 	ENV1620_03	Implement the actions identified within the Waste Strategy	Implement the actions identified within the Waste Strategy	<b>89%</b>	31-Mar-2020	Of the 27 actions identified in the Waste Strategy Action Plan 24 have been completed or are on-going. It is envisaged that all actions will be addressed and completed by March 2020.
In Progress 	ENV1620_04	Franchises and licensing within Parks and Open Spaces	Franchises and licensing within Parks and Open Spaces	<b>90%</b>	31-Mar-2020	Sponsorship of floral bedding has been reviewed. Sponsorship opportunities for facilities within Parks and Green Spaces continue to be explored.
In Progress 	ENV1720_01	Strategic Tree Planting	Continue to apply a strategic approach to tree management and planting. Work with partners, land owners and other agencies.	<b>97%</b>	31-Dec-2019	A new Tree Planting scheme was adopted in 2018/19 and the programme launched as part of the Clean and Green Campaign. The current years planting proposals are well advanced including a free tree campaign with 500 fruit trees available to Borough residents.
In Progress 	ENV1821_03	Improve Play Areas and Parks & Open Spaces	Ensure sites are Health & Safety and DDA Compliant	<b>85%</b>	31-Mar-2020	All year 1 schemes as part of the £500k initiative have been completed. Most Year 2 schemes have been completed, others are in progress.
In Progress 	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.	<b>50%</b>	31-Mar-2020	The Clean & Green initiative goes from strength to strength with continued support and participation from individuals, groups and schools in activities which improve and make a positive difference in their local areas. An example is the recent litter pick in Stapleford Town Centre involving 60 children Fairfield Primary School.

Status / Icon	Action Code	Action Title	Action Description	Progress	Due Date	Comments
In Progress 	ENV1922_03	Evaluate/implement an integrated system for managing and monitoring work schedules for Environmental Services	To operate a system that will manage the work schedules of the frontline services.	40%	31-Mar-2020	A project implementation meeting with the supplier has been conducted. The work programme has been created and a Test system is due to be available in October 2019.

### **Environment Key Performance Indicators 2019/20**

Status / Icon	Code & Short Name	Frequency	Outturn 2017/18	Outturn 2018/19	Q2 2019/20	Target 2019/20	Latest Note
Red 	BV82a(ii) Tonnes of Household Waste Recycled	Quarterly	8,312	8,018	3,948	5,000 (Q2)	The estimated tonnage collected is lower than previous year 2018/19 Q2= 4,081
Green 	BV82b(ii) Tonnes of household waste composted	Quarterly	6,782	7,461	4,986	3,500 (Q2)	The estimated tonnage is higher than 2018/19 Q2 = 4,841. The tonnage collected is dependent upon the weather.
Green 	BV84a Household waste collected per head, in kilos	Quarterly	345	357	190	193 (Q2)	Estimate as not all data is available. Currently predict a reduction in the overall amount of waste collected against the target. 2018/19 Q2=193.
Green 	NI 191 Residual household waste per household (Kgs)	Quarterly	477	493	247	250 (Q2)	Estimate as not all data is available. Currently predict a reduction in the overall waste collected. 2018/19 Q2=256

Status / Icon	Code & Short Name	Frequency	Outturn 2017/18	Outturn 2018/19	Q2 2019/20	Target 2019/20	Latest Note
Green 	NI 195b Improved street and environmental cleanliness (levels of litter, detritus, graffiti and fly posting)	Quarterly	95%	96%	96%	96%	The first of three surveys in quarter 2 shows level of cleanliness remains on target.
Data Only 	WMDData_03b Number of garden waste subscriptions	Quarterly	19,211	19,664	19,968	19,600	The number of subscriptions has exceeded expectations.
Green 	WMDData_03c Income generated by Garden Waste Subscriptions	Quarterly	£623k	£661k	£699k	£680k	The income target has been reached.
Green 	WMDData_06a Income generated through Trade Waste (0,00s)	Quarterly	£550k	£579k	£417k	£597k	Due to the invoicing process this figure represents all the income from customers paying by annual Direct Debit plus customers paying on six monthly invoices. Income is expected to increase in the second half of the year with the next cycle of invoices being processed.
Red 	WMDData_08 Income generated through Street Scene	Quarterly	£17k	£45k	£10k	£38k	Currently below target. Efforts are being made to increase the opportunity for increasing the income. Current works scheduled to be invoiced during Quarter 3.
Green 	WMDData_10 Savings through re-use of bins	Quarterly	£10k	£12k	£2.25k	£12k	Fewer bins being brought back in which are suitable for reuse.



## Report of the Strategic Director

### WORK PROGRAMME

#### 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.

3 February 2020	<ul style="list-style-type: none"> <li>• Business Plans and Financial Estimates 2020/21 – 2022/23 – Environment</li> <li>• Pride in Parks Update</li> <li>• Clean and Green Update</li> <li>• Broxtowe Parks Standard</li> </ul>
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### Recommendation

**The Committee is asked to CONSIDER the Work Programme and RESOLVE accordingly.**

#### Background papers

Nil

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