

Community Safety Committee

Tuesday, 01 March 2016 at 14:00

County Hall, County Hall, West Bridgford, Nottingham, NG2 7QP

AGENDA

1	Minutes of last meeting held on 5 January 2016	3 - 6
2	Apologies for Absence	
3	Declarations of Interests by Members and Officers:- (see note below) (a) Disclosable Pecuniary Interests (b) Private Interests (pecuniary and non-pecuniary)	
4	Presentation on Troubled Families - Simon Howes	
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10	The Review of Fees & Charges Made to Businesses & Other Authorities For 2016-17	111 - 118
11	Update on the Work of the Community Voluntary Sector Team	119 - 124

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Notes

- (1) Councillors are advised to contact their Research Officer for details of any Group Meetings which are planned for this meeting.
- (2) Members of the public wishing to inspect "Background Papers" referred to in the reports on the agenda or Schedule 12A of the Local Government Act should contact:-

Customer Services Centre 0300 500 80 80

- (3) Persons making a declaration of interest should have regard to the Code of Conduct and the Council's Procedure Rules. Those declaring must indicate the nature of their interest and the reasons for the declaration.

Councillors or Officers requiring clarification on whether to make a declaration of interest are invited to contact David Ebbage (Tel. 0115 977 3141) or a colleague in Democratic Services prior to the meeting.
- (4) Councillors are reminded that Committee and Sub-Committee papers, with the exception of those which contain Exempt or Confidential Information, may be recycled.
- (5) This agenda and its associated reports are available to view online via an online calendar - <http://www.nottinghamshire.gov.uk/dms/Meetings.aspx>

Meeting **COMMUNITY SAFETY COMMITTEE**

Date **Tuesday 5 January 2016 at 2.00 pm**

membership

Persons absent are marked with 'A'

COUNCILLORS

Glynn Gilfoyle (Chairman)

A Chris Barnfather
Jim Creamer
Bruce Laughton
A Maureen Dobson

Alice Grice
Keith Longdon
Darrell Pulk
Stuart Wallace

OFFICERS IN ATTENDANCE

Rob Fisher
Sarah Houlton
Paul McKay
Mark Walker

} Adult Social Care, Health & Public Protection

David Ebbage

} Resources

Sally Gill
Cathy Harvey

} Place

MINUTES OF THE LAST MEETING

The minutes of the last meeting held on 10 November 2015 were confirmed and signed by the Chairman.

APOLOGIES FOR ABSENCE

Apologies were received from Councillor Maureen Dobson and Councillor Chris Barnfather.

DECLARATIONS OF INTERESTS BY MEMBERS AND OFFICERS

None.

NOTTINGHAMSHIRE POLICE AND CRIME NEEDS ASSESSMENT

Kevin Dennis and Dan Howitt from the Nottinghamshire Police and Crime Commissioners Office gave a short presentation on Nottinghamshire Police and Crime Needs Assessment. They told Members that the assessment is close to finalising before being presented to the Police and Crime Panel on 2nd February.

RESOLVED 2016/001

That the presentation be noted

COMMUNITY SAFETY BUDGET – REQUEST FOR FUNDING

Sarah Houlton, Team Manager, Trading Standards & Community Safety presented two initiatives for approval committing a total of £4,400 from the Community Safety Budget.

RESOLVED 2016/002

That the following contributions be made from the Community Safety Initiative Budget for 2015/16:

- a) Pedestrian Guardrail in Worksop (£2,200)
- b) Motorcycle Barrier in Retford (£2,200)

COMMUNITY SAFETY UPDATE

Sarah Houlton updated the committee about Key Community Safety matters. She outlined the following point in the report:-

- The 'No to Hate' pledge was a very well attended event and some very positive feedback came from it. The Hate Crime Policy which came to committee on 10th November 2015 was approved by the Policy Committee on 9th December 2015.

RESOLVED 2016/003

That the various developments in the areas of work contained in the report be noted.

UPDATE ON THE WORK OF THE COMMUNITY AND VOLUNTARY SECTOR TEAM

Sally Gill, Group Manager, Planning updated Members on the work of the Community and Voluntary Sector Team. She outlined the following point in the report:-

- The Veterans Information Network Nottinghamshire was a huge success which took place in November.
- The recent event which took place in Radcliffe on Trent with 109 Iranians, to celebrate the Persian festival of Mehregan was greatly attended and also was a success.

The Committee wanted to thank the Community and Voluntary Sector Team with all their hard work in making the events such great triumphs.

RESOLVED 2016/004

That the work undertaken by the Community and Voluntary Sector team be noted.

UPDATE ON THE USE OF TECHNIQUES REGULATED BY THE REGULATION OF INVESTIGATORY POWERS ACT 2000 IN THE TRADING STANDARDS AND COMMUNITY SAFETY SERVICE

Mark Walker updated the Committee on the use of techniques in the Service authorised under Regulation of Investigatory Powers Act 2000 (RIPA) since April 2015.

The discussion from Members was noted.

RESOLVED 2016/005

That the contents of the report be noted.

COMMUNITY SAFETY INITIATIVES UPDATE

Sarah Houlton, updated the Committee of the progress achieved from the Community safety Initiatives budget 2015/16

RESOLVED 2016/006

That the various developments in the areas of work contained in the report be noted.

UPDATE ON KEY TRADING STANDARDS MATTERS

Mark Walker, Group Manager, Trading Standards updated the Committee on Key Trading Standards matters. He outlined the following points in the report:-

- Regarding the Approved Trader Scheme – 180 traders joined the scheme which is in partnership with Checkatrade.
- In relation to Hover boards, 6 suspension notices have been given and a number of products have been ceased from a number of sellers. A more detailed report on them will be included in a future report.
- Operation Summit – timetable has now been set and 3 out of the 10 defendants will be pleading guilty.

RESOLVED 2016/007

That the updates from the previous meeting and the various developments in the areas of work contained in the report be noted.

UPDATE ON EMERGENCY MANAGEMENT AND REGISTRATION SERVICES

Rob Fisher, Service Director, South Nottinghamshire and Public Protection, updated Members on recent activities and events in the work of the Emergency Planning Team and of Registration and Celebratory Services. He outlined the following points in the report:-

- On the 18th December, 14 Syrian Refugee families arrived within the county and accommodation has been found in Gedling, Broxtowe & Mansfield.
- With the recent events of flooding in Cumbria, the County Council have helped supply sandbags to the affected areas.

RESOLVED 2016/008

That the update on recent key activities and events in the work of the Emergency Planning Team and Registration and Celebratory Services be noted.

WORK PROGRAMME

RESOLVED 2016/009

That the work programme be noted.

The meeting closed at 3.37pm

CHAIRMAN

1st March 2016

Agenda Item: 5

REPORT OF THE SERVICE DIRECTOR SOUTH NOTTINGHAMSHIRE AND PUBLIC PROTECTION.

COMMUNITY SAFETY BUDGET UPDATE: REQUEST FOR FUNDING.

Purpose of the Report

1. To seek approval for committing £1,000 from the Community Safety initiatives budget for a pedestrian safety barrier in Hucknall.

Information and Advice

Community Safety Budget.

2. Each year, a proportion of the Community Safety Budget is allocated to initiatives across the County that are designed to reduce crime, disorder and anti-social behaviour, reduce the fear of crime and increase levels of community safety and confidence within our communities. Initiatives are targeted at vulnerable communities, and are designed to tackle the issues that are causing the most harm to communities and individuals.
3. Funding proposals approved to date from the “initiatives” element of the Community Safety Budget for 2015-16 are summarised in the following table:

Total Community Safety “Initiatives” budget for 2015/16:	£262,380
Income from Police & Crime Commissioner (PCC)*	£25,000
Total budget available for initiatives	£287,380
Total committed so far:	
Contribution to the work of the Safer Nottinghamshire Board (SNB)	£140,000
Year 2 of the Best Bar None scheme	£15,000
Contribution to Police led Hate Crime campaign	£5,000
Gating Orders: Legal Advice	£2,000
Vehicle Nuisance: Junction 27 CCTV camera maintenance	£3,118
Virtual just ice pilot: Cybercrime	£12,500
Respect and Tolerance programme: Dragon’s Den 7	£7,000
Child Sexual Exploitation via social media	£10,000
Crime in rural areas	£5,000
Mass marketing scams: further joint work with Notts Police	up to £20,000
Vulnerable Person Panels: Mental Health representation	£20,000
Tackling violence	up to £5,000

Integrated and cohesive communities	£10,000
Anne Frank Exhibition	£2,500
Vulnerable Persons Panels: Social Worker Post	£12,000
Installation of Pedestrian Guardrail (Worksop)	£4,200
Installation of motorcycle barrier (Retford)	£4,200
Remaining balance for other initiatives	£13,862

(*Additional income received for the contribution made by the Community Safety Team to managing the PCC budget, including the administration of payments and the production, monitoring and evaluation of costed delivery plans)

Installation of Pedestrian Safety Barrier (Hucknall) (£1,000)

4. Nottinghamshire County Council has received a petition from residents living near the Belvoir Street area of Hucknall. The subject of this petition are concerns about the improper use of a pedestrian alley connecting Belvoir Street with Coniston Way. Motorbikes are being ridden down this alley causing understandable concern for the safety of legitimate users.
5. Due to the level of usage, including as a route to school, gating is not being sought by local residents as a response rather a barrier that will allow mobility scooters and prams to pass but will require motorbike riders to at least slow down.
6. Barriers have been used effectively elsewhere in the county for similar issues and therefore £1,000 is requested from the Community Safety initiatives budget to fund these works at this site.

Other Options Considered

7. There will be other options for use of the community safety initiatives budget and proposed spends of the remaining £12,862 balance will be the subject of future reports to the Community Safety Committee.

Reason/s for Recommendation/s

8. Community Safety remains one of the key concerns for the residents of Nottinghamshire. The recommendations contained within this report will enable funding to action a range of targeted projects, specifically designed to combat issues of crime and disorder, anti-social behaviour and fear of crime. Any reductions in these issues will encourage the development of strong, healthy and vibrant communities thus reducing risks to those deemed as vulnerable within those communities.

Statutory and Policy Implications.

9. This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

10. The £1,000 can be met from within the Community Safety Initiatives Budget.

RECOMMENDATION/S:

11. It is recommended that Members approve the proposed contribution of £1,000 from the Community Safety Initiatives budget for 2015/16 for a pedestrian safety barrier in Hucknall.

PAUL MCKAY

Service Director, South Nottinghamshire & Public Protection

For any enquiries about this report please contact: Sarah Houlton, Team Manager Trading Standards & Community Safety 0115 9772460 Yvette Armstrong, Community Safety Officer, Trading Standards & Community Safety 0115 9773058.

Constitutional Comments (LM 28/01/2016)

The recommendations in the report fall within the Terms of Reference of the Community Safety Committee

Financial Comments (KAS 02/02/2016)

The financial implications are contained within paragraph 10 of the report

Background Papers and Published Documents

Except for previously published documents, which will be available elsewhere, the documents listed here will be available for inspection in accordance with Section 100D of the Local Government Act 1972.

- 'None'

Electoral Division(s) and Member(s)

- Ashfield

1st March 2016

Agenda Item: 6

REPORT OF THE SERVICE DIRECTOR SOUTH NOTTINGHAMSHIRE AND PUBLIC PROTECTION.

COMMUNITY SAFETY UPDATE

Purpose of the Report

1. To update the Community Safety Committee about key Community Safety matters.

Information and Advice

Hate Crime training days

2. The Community Safety team has led on the delivery of three hate crime training days, which will be taking place over the next two months. These days are the first stage in the follow up actions from the 'No to Hate!' Pledge event held at the National Holocaust Centre in December 2015 and also the launch of the County Councils' Hate Crime Policy.
3. The Pledge and Hate Crime Policy include commitments to ensure that all County council staff are trained to understand and react appropriately to incidents of hate crime. These training days have been funded via the Community Safety initiatives budget and are targeted at both NCC staff and also partners in each of the three local Community Safety Partnerships.
4. These training days will be facilitated at the National Holocaust Centre (NHC) by the well-respected trainer Dr Manny Barot of Zebrared Training and former director of training at the NHC. The programme for these training days will focus on both supporting victims and understanding and challenging perpetrators of hate crime. There will also be sessions on how partners in each locality will link into existing vulnerable people's panels, the impact of new anti-social behaviour legislation and the new county wide risk assessment process.
5. During the sessions participants will also be joined by Sylvia Lancaster who will be sharing her work at the Sophie Lancaster Foundation, which focuses on creating respect for, and understanding subcultures in communities. <http://www.sophielancasterfoundation.com/>.

Louise Casey consultation – ‘Bringing Britain Together as One Nation’

6. On behalf of Central Government Louise Casey has been commissioned to carry out a national review into levels of integration and cohesion: ‘Bringing Britain Together as One Nation’. As part of this review she has circulated a letter to ‘state agencies’ (sic) requesting views and more particularly examples of good practice.
7. The Office of the Nottinghamshire Police and Crime Commissioner (OPCC) has agreed to coordinate a response on behalf of the Safer Nottinghamshire Board and a set of responses have been collated and forwarded by the Community Safety team to the OPCC. The main focus has been examples of good practice in Nottinghamshire and some suggested avenues of further research in particular into the needs of older LGBT people.
8. A separate response has also been submitted on behalf of the County Council including a range of more detailed examples of our own work to tackle integration and cohesion issues. This includes a number of projects previously reported to this Committee: “Dragons Den”, “Take Five”, “I Am”, “In our Hands” and “I Pledge”.

Preventing Violent Extremism in Nottinghamshire

9. The Community Safety Team have the lead responsibility to ensure that the County Council is well placed to deal with the risks and threats associated with terrorism. The team have been working closely with District/Borough Councils, the City Council, Notts Police, and other partners to produce a Prevent Plan for Nottinghamshire.
10. Prevent is part of the Government’s Counter Terrorism Strategy launched in 2011, preventing vulnerable people from becoming involved in terrorism or supporting terrorism. Prevent also aims to protect those who are vulnerable to exploitation, extremism or radicalisation from those who seek to recruit them to support their cause.
11. “Extremism” is defined by the UK Government as vocal or active opposition to fundamental British values, including democracy, the rule of law, individual liberty and mutual respect and tolerance of different faiths and beliefs.
12. As part of this strategy The Counter Terrorism and Security Act 2015 came into force on the 1st July 2015. This Act introduced the “Prevent Duty”. In order to comply with the Prevent Duty all local authorities should be able to demonstrate due regard to the need to prevent people from being drawn into terrorism.
13. In two tier areas the County Council and District/Borough councils need to agree proportional arrangements for sharing the assessment of risk and for agreeing local Prevent plans. All authorities, in complying with this requirement, should demonstrate an awareness and understanding of the risk of radicalisation in their area, institution or body. All authorities must comply with the Prevent Duty and demonstrate that compliance.
14. The Community Safety Team have the lead responsibility to ensure that the County Council is well placed to deal with the risks and threats associated with terrorism. The team have been working closely with District/Borough Councils, the City Council,

Nottinghamshire s Police, and other partners to produce a Prevent Plan for Nottinghamshire.

Prevent Funding

15. An immediate priority for the Prevent Duty was to ensure that all staff are appropriately trained and aware of issues relating to the Prevent agenda.
16. The Home Office has agreed to provide funding to support the implementation of the new duty by allocating every non-priority local authority £10,000 towards this priority. Each district/borough council and the County Council has been allocated this sum, equating to £80,000 in total for Nottinghamshire and also £10,000 for Nottingham City Council. Home Office conditions dictate that this funding must be spent by 31 March 2016.
17. It was agreed that for the County this funding would be pooled to provide a coordinated and consistent approach. The Community Safety Team of the County Council has facilitated this process and training and awareness sessions are now being undertaken by a Home Office Accredited training provider and from within the County Council Achievement and Equality team.
18. This training will be made available to all members and will be organised by the Community Safety Team in addition to co-ordinating the development of a bespoke e-learning package for staff and partners over the next two months.
19. The Home Office have indicated that further funds will be released to develop Prevent. Details of this funding are not yet available.
20. The Community Safety Team is also working to develop and support:-
 - A standardised referral process for any Prevent related matter for all agencies/staff to adopt. This will follow the referral process developed by Nottinghamshire Police;
 - The launch of the East Midlands Prevent website (by Notts Police) in February 2016. This will give easy access to information, requirements and referrals mechanisms for all partners and other interested parties;
 - The identification of key stakeholders who will benefit from Prevent training such as supported accommodation providers, foster carers and other key groups and agencies;
 - Improved information sharing from and between all partners to give a richer and more comprehensive picture of this issue.
21. Update reports will be provided to this Committee as required.

Crime Beat Awards 2016.

22. Young People working with Nottinghamshire County Council and partners have submitted a record number of seven submissions to this year's National Crime Beat Awards. The awards are organised on behalf of all High Sheriffs to recognise the most innovative and successful crime prevention projects carried out by young people in England and Wales. The national awards final will take place in March in London.
23. Six of the nominations came from the Community Safety team:
- Dragon's Den Style project 7 – Hate Crime Focus Group working with Ashfield secondary and primary schools (tackling prejudice and hate crime)
 - Take Five at School project – Bassetlaw secondary and primary schools (mindful resilience building)
 - 'The Girl in the Room with the Box' film project – youth service based in Worksop (raising awareness of on-line grooming and exploitation)
 - I-pledge To Keep On Track project – County-wide primary schools (youth crime prevention)
 - Know More project – Holgate Academy, Ashfield (promoting healthy relationships)
 - GRT History Month – A number of schools in Ollerton (promoting tolerance and respect)
24. The nominations have generated a lot of media interest with Notts TV broadcasting interviews about each of the projects over a number of weeks. This is a good celebration of important work with a range of partners and young people to help them identify and positively address the issues young people say matter to them today, such as cyber-bullying and health and wellbeing.

Other Options Considered

25. None

Reason/s for Recommendation/s

26. It is recommended that the Community Safety Committee notes the various Development's in the areas of work contained in this report.
27. The report is a regular update to the Community Safety Committee to keep them abreast of local and national developments and out community safety work.

Statutory and Policy Implications

28. This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable

adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

29. This report contains no additional financial implications, with activity reported or that proposed being contained within the existing service budget.

RECOMMENDATION/S

- 1) It is recommended that the Community Safety Committee notes the various developments in the areas of work contained within this report.

PAUL MCKAY

Service Director, South Nottinghamshire & Public Protection

For any enquiries about this report please contact: Sarah Houlton, Team Manager Trading Standards & Community Safety 0115 9772460 or Yvette Armstrong, Community Safety Officer, Trading Standards & Community Safety 0115 9773058.

Constitutional Comments

As this report is for noting only no constitutional comments are required.

Financial Comments (KAS 02/02/2016)

The financial implications are contained within paragraph 29 of the report

Background Papers and Published Documents

Home Office 'Prevent Action Plan'

Electoral Division(s) and Member(s) Affected

All

1 March 2016**Agenda Item: 7****REPORT OF THE SERVICE DIRECTOR, SOUTH NOTTINGHAMSHIRE AND
PUBLIC PROTECTION****CHANCE FOR CHANGE CONFERENCE, NOTTINGHAM – 9 MARCH 2016****Purpose of the Report**

1. To seek approval for the attendance of the Vice-Chair (Councillor Alice Grice) at the Chance for Change Conference being organised by the Office of the Police and Crime Commissioner (OPCC) at the Albert Hall, Nottingham on 9 March 2016.

Information and Advice

2. The Vice-Chair of the Community Safety Committee is the Lead Member on the issue of domestic violence and abuse.
3. The OPCC has arranged this domestic abuse conference for practitioners, policy makers, academics, commissioners and survivors.
4. The conference, which is being held on International Women's Day 2016, will celebrate the many successes in this field in terms of partnership working, research, innovative interventions and changes in the law to reflect the wider nature of abuse and coercion.
5. As well as celebrating success, the event will also seek to identify what still needs to change, what works and ways of sharing best practice.
6. The conference will feature key national and international speakers as well as showcasing ground-breaking research and practice taking place across the County. Specific elements will include:-
 - the new coercive control offence;
 - the distinct characteristics of 'medium risk', complex, repeat survivors, and the implications for assessment, interventions and measures of 'success' ;
 - local work with perpetrators which contributes to a co-ordinated community response;
 - how effective partnership working can strengthen the front line response and improve long term outcomes.

Other Options Considered

7. To not send a Member to this Conference but this would mean missing an opportunity to share best practice and learning, from a wide range of speakers and delegates, on this key issue.

Reasons for Recommendation

8. To ensure the County Council is appropriately represented at this event in order to share best practice and learning.

Statutory and Policy Implications

9. This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

10. The cost of the event is £90 per delegate, which can be met from the relevant Democratic Services budget for Member Development.

RECOMMENDATION

That approval be given for the attendance of the Vice-Chair of the Community Safety Committee at the Office of the Police and Crime Commissioner's Chance for Change Conference in Nottingham on 9 March 2016.

PAUL McKAY

Service Director, South Nottinghamshire & Public Protection

For any enquiries about this report please contact:

Constitutional Comments (SB 22/02/2016)

Community Safety Committee is the appropriate body to consider the content of this report.

Financial Comments (CT 22/02/16)

The financial implications are contained within paragraph 10 of the report.

Background Papers

Electronic flyer for the event from the OPCC.

Electoral Division(s) and Member(s) Affected

All

REPORT OF INTERIM SERVICE DIRECTOR, HIGHWAYS

FLOOD RISK MANAGEMENT STRATEGY

Purpose of the Report

1. To advise the Community Safety Committee that Nottinghamshire County Council's Draft Flood Risk Management Strategy has been made available for public consultation.

Information

2. In its role as Lead Local Flood Authority (LLFA) the County Council has permissive powers and statutory duties to manage and co-ordinate local flood risk management activities. Local flood risk means flooding from surface water (overland runoff), groundwater and smaller watercourses (known as Ordinary Watercourses). Main River watercourses, as defined by Defra, are the preserve of the Environment Agency.

General Update

3. The County Council has developed a draft Local Flood Risk Management Strategy which it is required to do under the Flood and Water Management Act 2010. Accompanying the strategy is an Action Plan that identifies key objectives to shape the delivery of the flood risk management services in Nottinghamshire in partnership with the other Risk Management Authorities. The Strategy also identifies flood risk locations across the County, prioritises these and puts forward appropriate actions, which includes Surface Water Management Plans (SWMPs) for high risk locations with complex flood risk issues. Longer-term schemes will also be developed as a result of SWMPs. For areas where the risk is lower, working with communities to improve resilience will be critical.
4. The Flood Risk Management Strategy is attached as Appendix A to this report. The consultation will run from Friday 7th January until Thursday 31st March 2016. The draft strategy document and the associated appendices will be available to view and download from the County Councils website. Comments and views concerning the strategy can be made via an on line form, email or dedicated phone number.

Statutory and Policy Implications

5. The County Council has a number of new statutory duties and powers under the Flood and Water Management Act (2010) and the Flood Risk Regulations (2009). This report is intended to enable the County Council to comply with these new duties and powers.
6. This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

7. The Flood Risk Management Strategy and its accompanying Strategic Environmental Assessment have been prepared by the Flood Risk Management Team with support from external consultants and costs have been contained within the existing staffing and Flood Risk Management budgets.
8. The Strategy document by its very nature identifies potential areas for future flood risk management projects which will require funding. These potential projects will be subject to consideration and approval or otherwise through the committee system.

RECOMMENDATION/S

It is RECOMMENDED that the Committee note that the Draft Flood Risk Management Strategy is available for consultation.

Neil Hodgson
Interim Service Director Highways

For any enquiries about this report please contact:
Sue Jaques – Principal Flood Risk Management Officer - 01159774368

Constitutional Comments

As this report is for noting, constitutional comments are not required.

Financial Comments (KS 02/02/2106)

The financial implications are set out in paragraphs 7 and 8 of the report

Background Paper

Strategic Environmental Assessment for Nottinghamshire Local Flood Risk Management Strategy July 2015

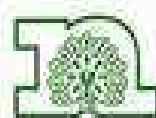
Electoral Division(s) and Member(s) Affected

AI

Nottinghamshire Local Flood Risk Management Strategy

2016 - 2021

Final Draft for Consultation December 2015



Nottinghamshire
County Council

Local Flood Risk Management Strategy					
Rev	Date	Details	Prepared by	Checked by	Approved by
1	August 2013	Outline Local Flood Risk Management Strategy for Consultation	Hannah O'Callaghan, Flood Risk Management Officer (Project Manager)	Andy Wallace, Flood Risk Manager	Gary Wood, Group Manager Highways Planning, Access and Commissioning (Project Executive)
2	December 2014	Local Flood Risk Management Strategy – Draft for Client Comment	Amy Ruocco, Water and Flood Risk Consultant (URS)	Sarah Kelly, Principal Consultant (URS)	Carl Pelling Associate (URS)
3	June 2015	Local Flood Risk Management Strategy – Second Draft for Client Comment	Amy Ruocco, Water and Flood Risk Consultant AECOM (Formerly URS)	Sarah Kelly, Principal Consultant AECOM (formerly URS)	Carl Pelling Associate AECOM (Formerly URS)
4	July 2015	Local Flood Risk Management Strategy – Final Draft for Consultation	Amy Ruocco, Water and Flood Risk Consultant AECOM	Sarah Kelly, Principal Consultant	Carl Pelling Associate AECOM
5	October 2015	Local Flood Risk Management Strategy – Final Draft for Consultation	Derek Hair Principal Project Engineer	Andy Wallace Flood Risk Manager	Transport and Highways Committee
6	December 2015	Local Flood Risk Management Strategy – Final Draft for Consultation	Derek Hair Principal Project Engineer	Clive Wood Flood Risk Manager	Transport and Highways Committee

Cover Photographs

Top Left	Cropwell Butler 2013	Top Right	Surcharging of Drains in East Stoke
Bottom Left	Flooding; Oxton Road Southwell 2013	Bottom Right	Pleasley Vale Mansfield 2013

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ACRONYMS AND ABBREVIATIONS

Term	Definition
Aquifer	A source of groundwater comprising water bearing rock, sand or gravel capable of yielding significant quantities of water.
Attenuation	In the context of this strategy – the storing of water to reduce peak discharge of water.
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.
Category 1 Responders	As defined under Schedule 1 of the Civil Contingencies Act, Category 1 responders are “core responders” in the event of an emergency and include emergency services, local authorities, health bodies and Government agencies including the Environment Agency.
Civil Contingencies Act 2004	Aims to deliver a single framework for civil protection in the UK and sets out the actions that need to be taken in the event of a flood. The Civil Contingencies Act is separated into two substantive parts: local arrangements for civil protection (Part 1) and emergency powers (Part 2).
Climate Change	Long term variations in global temperature and weather patterns caused by natural and human actions.
Culvert / culverted	A channel or pipe that carries water below the level of the ground.
DG5 Register	A water-company held register of properties which have experienced sewer flooding due to hydraulic overload, or properties which are 'at risk' of sewer flooding more frequently than once in 20 years.
Flood Zone 1	Low Probability of Flooding. In accordance with the NPPF, land assessed as having a less than 1 in 1000 annual probability of river or sea flooding (<0.1%) in any year.
Flood Zone 2	Medium Probability of Flooding. In accordance with the NPPF, land assessed as having between a 1 in 100 and 1 in 1000 annual probability of river flooding (1-0.1%), or between a 1 in 200 and 1 in 1000 annual probability of sea flooding (0.5-0.1%) in any year.
Flood Zone 3a	High Probability of Flooding. In accordance with the NPPF, land assessed as having a 1 in 100 or greater annual probability of river flooding (>1%) or a 1 in 200 or greater annual probability of sea flooding (>0.5%) in any year.
Flood Zone 3b	Functional Floodplain. In accordance with the NPPF, land where water has to flow or be stored in times of flood.
Environment Agency	Environment regulator for England and Wales. Risk Management Authority responsible for management of flood risk from fluvial (main rivers), tidal and coastal sources of flooding and Reservoirs.
Flood Defence	Infrastructure used to protect an area against floods as floodwalls and embankments; they are designed to a specific standard of protection (design standard).
Floodplain	Area adjacent to river, coast or estuary that is naturally susceptible to flooding.
Flood Resilience	Resistance strategies aimed at flood protection.
Flood Risk	The level of flood risk is the product of 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.

Term	Definition
Flood Storage	A temporary area that stores excess runoff or river flow often ponds or reservoirs.
Flood Risk Management Plans (FRMPs)	Flood Risk Management Plans (FRMP's). These are the high level strategies that sit above LFRMS. The Humber FRMP will be published later this year. They have new actions and measures and have inherited some of the relevant actions/measures from the CFMP and also all LLFA's have been consulted upon them and some have contributed to adding measures.
Flood Zone	The extent of how far flood waters are expected to reach.
<u>Flood and Water Management Act 2010</u>	The Act aims to provide better, more comprehensive management of flood risk for people, homes and businesses. It does this by defining 'Risk Management Authorities' (RMAs) and formalises the flood risk management roles and responsibilities for each.
Fluvial	Relating to the actions, processes and behaviour of a watercourse (river or stream).
Fluvial flooding	Flooding by a river or a watercourse.
Functional Floodplain	Land where water has to flow or be stored in times of flood.
Greenfield	Previously undeveloped land.
Groundwater	Water that is in the ground, this is usually referring to water in the saturated zone below the water table.
Habitats Regulations Assessment	The assessment of the impacts of implementing a plan or policy on international protected sites for nature conservation.
Highways Act 1980	Sets out the main duties (management and operation of the road network) of highways authorities in England and Wales. The Act contains powers to carry out functions / tasks on or within the highways such as improvements, drainage, acquiring land etc.
Hydraulic Modelling	A computerised model of a watercourse and floodplain to simulate water flows in rivers too estimate water levels and flood extents.
IDB	Internal Drainage Board
Infiltration	The penetration of water through the grounds surface.
Infrastructure	Physical structures that form the foundation for development.
Land Drainage Act 1991	Sets out the statutory roles and responsibilities of key organisations such as Internal Drainage Boards, local authorities, the Environment Agency and Riparian owners with jurisdiction over watercourses and land drainage infrastructure. Parts of the Act have been amended by the Flood and Water Management Act 2010.
Lead Local Flood Authority (LLFA)	The statutory body defined under the Flood and Water Management Act responsible for the management of local flood risk, namely surface water runoff, groundwater and ordinary watercourses.
Local Flood Risk	Defined in the Flood and Water Management Act as flooding from surface runoff, ordinary watercourses and groundwater.
Local Planning Authority	Body that is responsible for controlling planning and development through the planning system.

Term	Definition
Main River	Watercourse defined on 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.
Multi-Agency Flood Plan (MAFP)	Plan outlining how responding parties under the Civil Contingencies Act and key voluntary response organisations will work together on an agreed coordinated response to severe flooding in South Gloucestershire.
National Strategy	National Flood and Coastal Erosion Risk Management (FCERM) Strategy for England, developed by the Environment Agency.
National Planning Policy Framework (NPPF)	National Planning Policy Framework (NPPF) for England, published by the Development for Communities and Local Government. This sets the government's planning policies for England and how these are expected to be applied.
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 within the meaning of the Water Industry Act 1991) and passages, through which water flows" according to the Land Drainage Act 1991.
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.
PFRA	Preliminary Flood Risk Assessment
SEA	Strategic Environmental Assessment
SMP	Shoreline Management Plan
Residual Flood Risk	The remaining flood risk after risk reduction measures have been taken into account.
Return Period	The average time period between rainfall or flood events with the same intensity and effect.
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.
Risk	The probability or likelihood of an event occurring.
RMA	Risk Management Authority
River Catchment	The areas drained by a river.
SFRA	Strategic Flood Risk Assessment
Sewer Flooding	Flooding caused by a blockage or overflowing in a sewer or urban drainage system.
Standard of Protection	The flood event return period above which significant damage and possible failure of the flood defences could occur.
Sustainability	To preserve /maintain a state or process for future generations. The integration of sustainability principals in the control of surface water flooding is fundamental to the successful implementation of Surface Water Management Plans.
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.

Term	Definition
Sustainable Development	Development that meets the needs of the present without compromising the ability of future generations meeting their own needs.
Tidal	Relating to the actions or processes caused by tides.
Tributary	A body of water, flowing into a larger body of water, such as a smaller stream joining a larger stream.
WFD	Water Framework Directive
1 in 30 year event	Event that on average will occur once every 30 years. Also expressed as an event, which has a 3.33% probability of occurring in any one year.
1 in 100 year event	Event that on average will occur once every 100 years. Also expressed as an event, which has a 1% probability of occurring in any one year.

1. INTRODUCTION

1.1 Background

In England, 5.2 million properties are at risk of flooding. Of these, 1.4 million are at risk from rivers or the sea, 2.8 million are at risk from surface water and 1 million are at risk from both¹. This risk was realised in many parts of the country during the summer floods of 2007, which resulted in 55,000 properties flooding, 7,000 rescues by emergency services, 13 deaths and an estimated £3 billion of damages, and more recently in the winter of 2013 to 2014 where over 7,800 homes and nearly 3,000 commercial properties flooded across the UK.

The flooding experienced throughout Nottinghamshire in June 2007 and more recently in July and November 2012 and summer 2013 demonstrates the vulnerability of local communities to flooding. Across the county, there are risks of flooding from a number of different sources, including, surface water runoff and ponding, groundwater, sewer surcharging, rivers and reservoirs. In some cases more than one of these sources of flooding can combine to cause a flood event and exacerbate localised flooding. In Nottinghamshire there are approximately 78,700 residential properties that could be affected by surface water flooding in an event with a 1% chance of happening in any given year².



Figure 1-1 Flooding in Oxton Road, Southwell in July 2013 (Source: Nottinghamshire County Council)

¹ Environment Agency (2009) Flooding in England: A National Assessment of Flood Risk <http://a0768b4a8a31e106d8b0-50dc802554eb38a24458b98ff72d550b.r19.cf3.rackcdn.com/geho0609bqds-e-e.pdf>

² Environment Agency (2013) updated flood map for surface water

1.2 Local Flood Risk Management

The Flood Risk Regulations 2009 ('the Regulations')³ and the Flood and Water Management Act 2010 ('the Act')⁴, enacted by Government in response to the recommendations of The Pitt Review - Learning Lessons from the 2007 Floods⁵, gave Unitary and County Councils, as Lead Local Flood Authorities (LLFAs), responsibilities for leading and co-ordinating the management of local flood risk.

Local flood risk is defined as...

"The risk of flooding from local sources including surface water, groundwater and ordinary watercourses (small ditches and watercourses)"

This Local Flood Risk Management Strategy outlines how we, Nottinghamshire County Council, will manage flooding from local sources in our area and work with other authorities to manage all sources of flooding, now and in the future.

We are a LLFA under the Regulations and the Act and have powers and statutory duties to manage and co-ordinate flooding from local sources (see [Appendix C](#) for more detail on these). We are doing this by working together with other organisations including the Environment Agency, who manage flooding from generally larger rivers (known as Main Rivers) such as the River Trent, Internal Drainage Boards (IDBs) managing low lying areas, District, Borough, Parish and Town Councils and infrastructure and utility providers, such as Severn Trent Water and the Highways England.

Our new responsibilities complement the work that we and our partner organisations already undertake on flood risk management. This includes highways drainage, land drainage, development planning and management, regeneration, emergency planning and response, environmental management and local investment.

There are both strategic and operational elements to the role of LLFA. Strategically, we have developed a Preliminary Flood Risk Assessment (PFRA)⁶ in 2011. We have used the PFRA to inform the Local Flood Risk Management Strategy. We are now developing this Local Flood Risk Management Strategy and seeking to influence the strategic plans of other organisations, such as Local Planning Authority Local Plans and Severn Trent Water business planning.

1.3 What is a Local Flood Risk Management Strategy?

As part of our role as an LLFA, we have a legal duty under the Act to develop, maintain, apply and monitor a Local Flood Risk Management Strategy, (hereafter 'the Strategy'). Figure 1-2 sets out what the Strategy must cover, as laid out in [Section 9](#) of the Act and where this can be found in the document. A Strategic Environmental Assessment (SEA), including Water Framework Directive (WFD) review and Habitats Regulations Assessment (HRA) have been carried out to inform the Strategy. These accompany the Strategy and are summarised in Section 7.

We are working with other risk management authorities to manage all flood risk in a joined-up way, and have prepared our Strategy in partnership with other organisations. These include the seven District and Borough Councils across Nottinghamshire, the Environment Agency, Water

³ HSMO (2009) The Flood Risk Regulations <http://www.legislation.gov.uk/uksi/2009/3042/contents/made>

⁴ HMSO (2010) The Flood and Water Management Act 2010 <http://www.legislation.gov.uk/ukpga/2010/29/contents>

⁵ Cabinet Office (2008) Sir Michael Pitt Report 'Learning lessons learned from the 2007 floods'

http://webarchive.nationalarchives.gov.uk/20100807034701/http://archive.cabinetoffice.gov.uk/pittreview/_media/assets/www.cabinetoffice.gov.uk/flooding_review/pitt_review_full%20pdf.pdf

⁶ JBA consulting (2011) Nottinghamshire Local Flood Risk Management Strategy

Companies, Internal Drainage Boards and Nottingham City Council. The flood management roles of these organisations are detailed further in Section 2 of this strategy document.

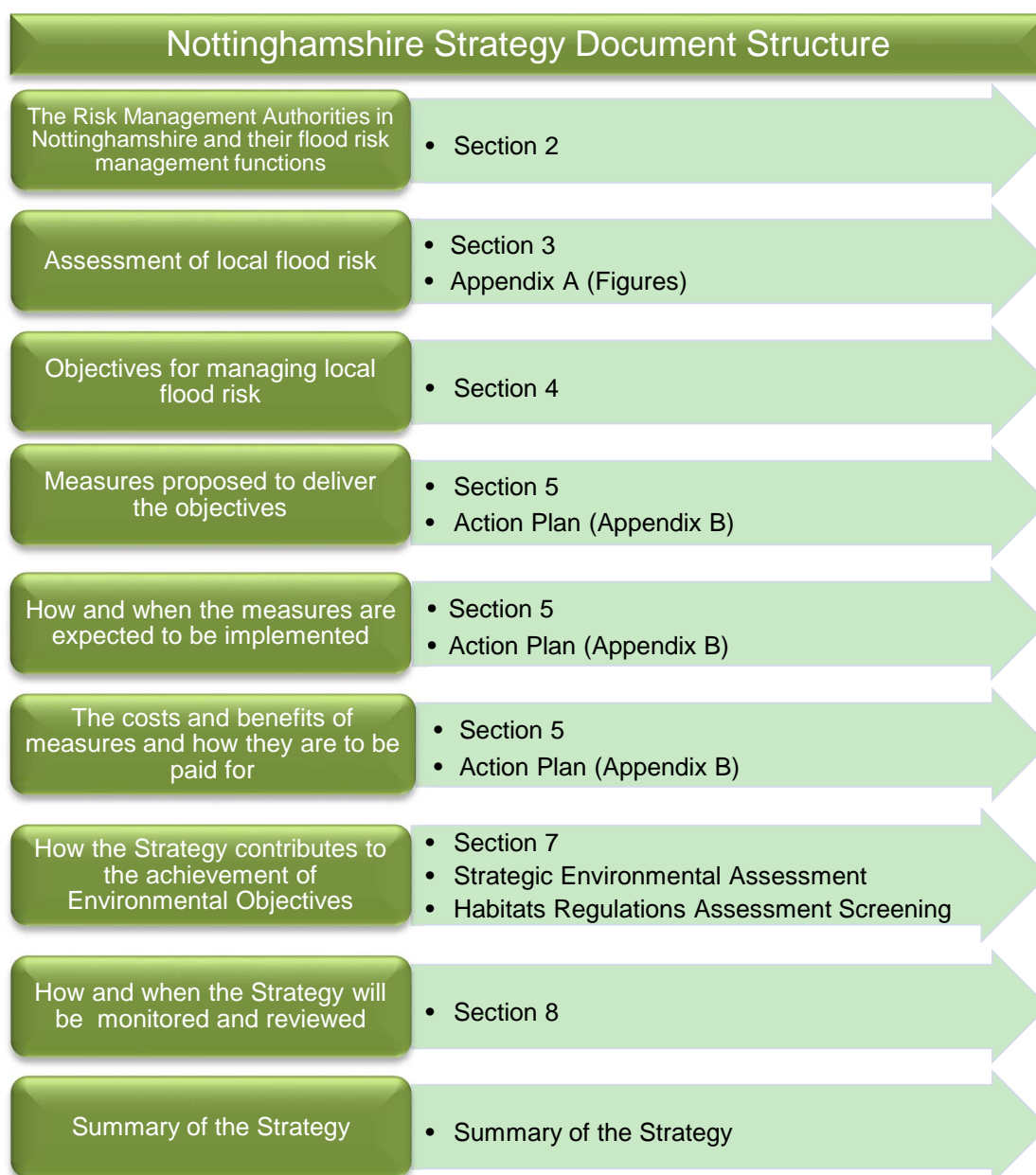


Figure 1-2: Structure of the Strategy following the requirements of the Act

This Strategy complements and supports The National Flood and Coastal Erosion Risk Management Strategy for England⁷, published by the Environment Agency, which outlines a national framework for flood and coastal risk management, balancing the needs of communities,

⁷ Defra, Environment Agency (2011) The National Flood and Coastal Erosion Risk Management Strategy for England <http://www.environment-agency.gov.uk/research/policy/130073.aspx>

the economy and the environment. The National Strategy outlines six guiding principles that should be applied in developing local flood risk management:

The National Flood and Coastal Erosion Risk Management Strategy Guiding Principles

- Community focus and partnership working
- A catchment and coastal 'cell' based approach
- Sustainability
- Proportionate, risk-based approaches
- Multiple benefits
- Beneficiaries should be encouraged to invest in risk management

1.4 Legislative drivers for local flood risk management

Table 1-1 provides a summary of some key pieces of national legislation and local policies that outline our requirements for flood risk and environmental management across Nottinghamshire.

Table 1-1: Summary of legislation and policy relating to flood risk management

Legislation	Summary
Flood and Water Management Act 2010 ⁸	<p>The Act aims to provide better, more comprehensive management of flood risk for people, homes and businesses. It does this by defining 'Risk Management Authorities' (RMAs) and formalises the flood risk management roles and responsibilities for each. Further details regarding responsibilities and functions in relation to their flood risk management in Nottinghamshire is provided in Section 2.</p> <p>The duties and progress of Nottinghamshire County Council under the Act are explained in more detail in Appendix C</p>
Flood Risk Regulations 2009 ⁹	<p>We have legal obligations under the EU Floods Directive¹⁰, which was transposed into UK Law through the Flood Risk Regulations 2009. Ten Flood Risk Areas have been identified in the UK under the Regulations as areas that are susceptible to surface water flooding, although none of these overlap with any part of Nottinghamshire.</p> <p>The regulations designated both Unitary Authorities and County Councils as Lead Local Flood Authorities. Under the Regulations we have a duty to undertake and produce a Preliminary Flood Risk Assessment (PFRA) and contribute to the preparation of the Flood Risk Management Plan (FRMP) for the Humber River Basin District.</p> <p>Nottinghamshire's PFRA was produced in 2011 and acts as a high level screening exercise to identify significant areas of flood risk across Nottinghamshire. The assessment covers flooding from local sources and compliments a suite of flood risk management studies and plans carried out in the County. The PFRA can be found on the County Council website¹¹.</p>

⁸ HMSO (2010) The Flood and Water Management Act <http://www.legislation.gov.uk/ukpga/2010/29/contents>

⁹ HMSO (2009) The Flood Risk Regulations <http://www.legislation.gov.uk/uksi/2009/3042/contents/made>

¹⁰ European Union (2007) EU Floods Directive 2007/60/EC <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32007L0060:EN:NOT>

¹¹ Nottinghamshire Preliminary Flood Risk Assessment (PFRA) (2011). <http://www.nottinghamshire.gov.uk/enjoying/countryside/flooding/lead-local-flood-authority/pfra/>

Table 1-1: Summary of legislation and policy relating to flood risk management

Legislation	Summary
National Planning Policy Framework ¹²	<p>Each of the District and Borough Councils within Nottinghamshire are Local Planning Authorities (LPA). The National Planning Policy Framework (NPPF) and supporting guidance (National Planning Practice Guidance, NPPG)¹³ requires each LPA to undertake a Strategic Flood Risk Assessment (SFRA) and to use the findings, and those of other studies, to inform strategic land use planning including the application of the Sequential Test which seeks to steer development towards areas of lowest flood risk in preference to consideration of areas of greater risk.</p> <p>As part of the County's duties in minerals and waste planning, a Level 1 SFRA was carried out in 2011¹⁴, which analysed flood risks across the County. The SFRA is currently being updated for publication in 2015/2016 and will feed into the strategy review</p> <p>Changes implemented to the NPPF from 6th April 2015 accompanied by a ministerial statement¹⁵ have strengthened the requirement for prioritisation of Sustainable Drainage Systems (SuDS) in all new major developments and placed a new duty on Nottinghamshire County Council as LLFA as a statutory consultee for surface water management on major development applications</p>
Land Drainage Act 1991 ¹⁶	<p>The Land Drainage Act sets out the statutory roles and responsibilities of key organisations such as Internal Drainage Boards, local authorities, the Environment Agency and Riparian owners with jurisdiction over watercourses and land drainage infrastructure. Parts of the Act have been amended by the Flood and Water Management Act 2010.</p>
Climate Change Act 2008 ¹⁷	<p>Under the Climate Change Act, the Government, public bodies and statutory organisations are required to report on how they are adapting to climate change.</p> <p>We will report in this Strategy the impact of climate change and its effect on flood risk in Nottinghamshire, including how we plan to manage and mitigate the effects.</p>
Strategic Environmental Assessment (SEA) Directive 2001 ¹⁸	<p>The SEA Directive was adopted by the European Union and transposed into English law as the Environmental Assessment of Plans and Programmes Regulations¹⁹ (Statutory Instrument No.1633) in 2004.</p> <p>The Directive requires a SEA to be carried out for all plans and programmes which are 'subject to preparation and/or adoption by an authority at national, regional or local level.' The SEA informs the preferred long-term strategy through its identification of the likely significant effects of the implementation of the Strategy on identified environmental receptors.</p>
Water Framework Directive (WFD) 2000 ²⁰	<p>The Water Framework Directive (WFD) is a European Directive which introduced a strategic planning process to manage, protect and improve the water environment. Local strategies should be assessed for WFD compliance to ensure that local measures reduce flood risk, comply with the objectives of the WFD, and identify, where possible, measures to contribute to achieving WFD objectives.</p> <p>The Environment Agency is responsible for preparing management plans for river basin districts in England and Wales. Those plans must be prepared in line with the requirements of the WFD. The plans outline the characteristics of the river basin district, identify the pressures that the local water environment faces and actions to improve or manage these.</p>

¹² Communities and Local Government (2012) National Planning Policy Framework

<http://www.communities.gov.uk/documents/planningandbuilding/pdf/2116950>

¹³ Communities and Local Government (2014) Planning Practice Guidance: Flood Risk and Coastal Change:

<http://planningguidance.planningportal.gov.uk/blog/guidance/flood-risk-and-coastal-change/>

¹⁴URS Scott Wilson (2011) Nottinghamshire County Council & Nottingham City Council Level 1 Minerals & Waste SFRA

<http://cms.nottinghamshire.gov.uk/sfra.pdf>

¹⁵ DCLG (2014) Sustainable drainage systems: Written statement - HCWS161 <http://www.parliament.uk/business/publications/written-questions-answers-statements/written-statement/Commons/2014-12-18/HCWS161/>

¹⁶ HMSO (1991) Land Drainage Act <http://www.legislation.gov.uk/ukpga/1991/59/contents>

¹⁷ HMSO (2008) Climate Change Act <http://www.legislation.gov.uk/ukpga/2008/27/contents>

¹⁸ European Union (2001) Strategic Environmental Assessment Directive 2001/42/EC. <http://ec.europa.eu/environment/eia/sea-legalcontext.htm>

¹⁹ HMSO (2004) Environmental Assessment of Plans and Programmes Regulations. <http://www.legislation.gov.uk/uksi/2004/1633/contents/made>

²⁰ European Union (2000) Water Framework Directive 2000/60/EC. <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32000L0060:EN:NOT>

Table 1-1: Summary of legislation and policy relating to flood risk management

Legislation	Summary
Highways Act 1980 ²¹	Under Section 100 of the Highways Act, we as the Highway Authority have powers to construct, maintain or cleanse drainage systems in the highway or on adjoining/nearby land, for the purpose of drainage or prevention of surface water on the highway
Water Resources Act 1991 ²² Civil Contingencies Act 2004 ²³	These Acts both place duties and powers upon specific organisations and individuals of relevance to local flood risk management.

²¹ HMSO (1980) Highways Act <http://www.legislation.gov.uk/ukpga/1980/66/contents>

²² HMSO (1991) Water Resources Act <http://www.legislation.gov.uk/ukpga/1991/57/contents>

²³ HMSO (2004) Civil Contingencies Act <http://www.legislation.gov.uk/ukpga/2004/36/contents>

2. ROLES AND RESPONSIBILITIES

2.1 Who are the 'Risk Management Authorities' in Nottinghamshire?

Flood events are often a complex interaction of flood source(s), pathway(s) and receptor(s), the responsibility for managing which can lie with a number of different organisations or individuals. As a result, a clear definition of responsibilities and effective communication across these organisations and individuals is vital if the risk to people, property and the environment in Nottinghamshire is to be managed effectively.

The FWMA identifies which types of authority will have responsibility as Risk Management Authorities (RMAs).

The RMAs for Nottinghamshire are detailed in Table 2-1. These authorities have a number of legal responsibilities for managing flood risk in the County which are explained further in Boxes 2.1 – 2.7. All RMAs have a duty to cooperate with the LLFA and other RMAs when exercising their flood risk management functions.

Table 2-1: Summary of Risk Management Authorities in Nottinghamshire

RMA Type	RMAs in Nottinghamshire	Risk Management responsibilities
Lead Local Flood Authority [Box 2.1]	Nottinghamshire County Council	Flooding from surface water, groundwater or ordinary watercourses ²⁴
Environment Agency [Box 2.2]	Environment Agency	Flooding from main rivers ²⁵ , the sea and reservoirs Strategic overview of all sources of flooding
District and Borough Councils [Box 2.3]	Ashfield District Bassetlaw District Broxtowe Borough Gedling Borough Mansfield District Newark and Sherwood District Rushcliffe Borough	Responsibility for local land drainage (under the Land Drainage Act 1991) which can include works to ordinary watercourses and other delegated powers.
Internal Drainage Boards [Box 2.4]	Doncaster East Isle of Axholme and North Nottinghamshire Water Level Management Board Trent Valley Upper Witham	Management of ordinary watercourses within administrative area
Water Companies [Box 2.5]	Severn Trent Water Anglian Water	Management of flooding from sewers

²⁴ An 'ordinary watercourse' is a watercourse that is not part of a main river and includes rivers, streams, ditches, drains, cuts, culverts, dikes, sluices, sewers (other than public sewers within the meaning of the Water Industry Act 1991) and passages, through which water flows.

²⁵ Main rivers are watercourses that have been classified as such on maps produced and held by the Environment Agency

RMA Type	RMAs in Nottinghamshire	Risk Management responsibilities
	Yorkshire Water	
Highway Authorities [Box 2.6]	Highways England (motorways and trunk roads) Nottinghamshire County Council (other adopted roads)	Management of highways drainage
Neighbouring Lead Local Flood Authorities [Box 2.7]	Derbyshire County Council Doncaster Metropolitan Borough Council Leicestershire County Council Lincolnshire County Council North Lincolnshire Council Nottingham City Council Rotherham Metropolitan Borough Council	Flooding from surface water, groundwater or ordinary watercourses within their administrative areas

2.2 Roles and Responsibilities of Risk Management Authorities In Nottinghamshire

Box 2.1: Lead Local Flood Authority: Nottinghamshire County Council

Nottinghamshire County Council (NCC) is the LLFA for Nottinghamshire and has a number of roles and responsibilities for flood risk management under the Act, the Regulations and other national legislation.

We 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, for example Hucknall and Southwell, these are discussed in more detail later in the strategy.
- is developing a flood risk management asset database,
- undertakes various land drainage activities, including consenting to works and enforcement on Ordinary Watercourses outside of Internal Drainage Board areas, and,
- responds to planning applications for major developments as a statutory consultee on local flood risk management and drainage, in accordance with the Town and Country Planning (Development Management Procedure) (England) Order 2015²⁶.

We are also a Highways Authority and maintain drains and ditches that serve to drain the adopted highway.

Our responsibilities as LLFA, complement the work that we and our partner organisations undertake across other Council functions, including

- highways drainage, and particularly the Highways Infrastructure Asset Plan
- land drainage,


**Nottinghamshire
County Council**

<http://www.nottinghamshire.gov.uk/enjoying/countryside/flooding/>

²⁶ HMSO (2015 Town and Country Planning (Development Management Procedure) (England) Order 2015
<http://www.legislation.gov.uk/ukxi/2015/595/contents/made>

- development planning and management,
- regeneration,
- emergency planning and response, and
- environmental management and local investment.

Nottinghamshire County Council will seek to work with relevant landowners to promote suitable action where such private drainage networks have the potential to cause flooding, in some situations a RMA may be a landowner. The County Council has no legal responsibility for clearing out drains, ditches and watercourses that are on private land in private ownership.

Box 2.2: Environment Agency (Derbyshire, Nottinghamshire and Leicestershire Area)

The Environment Agency 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 and is locally administered by the DNL Office and leads the delivery of the national FCRM Investment Programme with a national spend of £2.3 Bn over the 6 year period from 2015/16 to 2020/21. The EA carries out maintenance to FRM Assets in line with Government Policy of maximising benefits from available funding and leads nationally on Flood mapping, modelling, forecasting and warning.

Locally the EA ;

- Provides a Flood Warning Service, which helps and advises of imminent flood risk to individuals and emergency responders alike.
- Administers the RFCC.
- Leads on developing improving evidence in a variety of FCRM fields, e.g. Working with Natural Processes (WWNP's).
- Provides a strategic overview role in FCRM and has a critical role in FCRM strategic planning.
- Key role in climate change adaptation. And provides critical flood risk data to individuals and private businesses.

Generally the Environment Agency manages flooding from main rivers, including the River Trent and River Maun, and regulates third party works on main rivers. The Environment Agency is also responsible for tidal sources of flooding, coastal erosion and managing risk from reservoirs.

Additionally the Environment Agency has a number of further roles and responsibilities including being a statutory consultee for planning applications in Flood Zone 2 and 3 or Flood Zone 1 where critical drainage problems have been notified to the LPA. The Environment Agency also has the responsibility of developing, maintaining, applying and monitoring the implementation of The National Flood and Coastal Erosion Risk Management Strategy for England.



<https://www.gov.uk/government/organizations/environment-agency>

24hr Floodline: **0345 988 1188**

Box 2.3: District and Borough Councils in Nottinghamshire

There are seven District and Borough Councils in Nottinghamshire including:

- Ashfield District (<http://www.ashfield-dc.gov.uk/>)
- Bassetlaw District; (<https://www.bassetlaw.gov.uk/>)
- Broxtowe Borough; (<http://www.broxtowe.gov.uk/>)
- Gedling Borough; (<http://www.gedling.gov.uk/>)
- Mansfield District; (<http://www.mansfield.gov.uk/>)
- Newark and Sherwood District; (<http://www.newark-sherwooddc.gov.uk/>)
- Rushcliffe Borough (<http://www.rushcliffe.gov.uk/>)

District and Borough Councils are responsible for certain works on ordinary watercourses as part of their land drainage responsibilities and may be delegated tasks for the management of other local water sources/resources.

As Local Planning Authorities (LPA), District and Borough Councils are responsible for the production of local plans such as the [2002 Ashfield District Council Local Plan](#) which ensured that the environment and flooding were thoroughly considered (Chapter 3). Each LPA has produced a Strategic Flood Risk Assessment (SFRA) which help to guide development away from areas at greatest risk of flooding. Each SFRA can be found online through the council websites detailed above or through clicking the links below;

- [Ashfield DC SFRA](#) (2013)
- [Bassetlaw DC SFRA](#) (2009)
- [The Greater Nottingham SFRA \(Broxtowe BC\)](#) (2008)
- The Greater Nottingham SFRA (Gedling BC) (on request) (2008)
- [Mansfield DC SFRA \(2008\)](#)
- [Newark and Sherwood DC SFRA](#) (2009)
- [The Greater Nottingham SFRA \(Rushcliffe BC\)](#) (2010)

As LPAs, Nottinghamshire District and Borough Councils are responsible for managing and investigating planning permissions and must ensure that such plans do not impact flood risk management efforts e.g. through the development of flood storage areas. From 6th April 2015, changes to planning policy mean decisions on planning applications must ensure sustainable drainage systems for the management of run-off are put in place for developments of 10 dwellings or more. The County Council as LLFA must be consulted on the management of surface water and the LPA must ensure that clear arrangements are in place for ongoing maintenance of the drainage over the lifetime of the development.

Continued joint working between the County Council and the District and Borough Councils will contribute to delivering the Strategy objectives of all parties and should be achieved through existing governance.

Box 2.4: Internal Drainage Boards

There are four Internal Drainage Boards (IDBs) acting within Nottinghamshire:

- Doncaster East (<http://www.shiregroup-idbs.gov.uk/summary.aspx>)
- Isle of Axholme and North Nottinghamshire Water Level Management Board (<http://www.wmc-idbs.org.uk/loAaNN/>)
- Trent Valley (<http://www.wmc-idbs.org.uk/TVIDB/>)
- Upper Witham (<http://www.uwidb.co.uk/h>)

IDBs are responsible for maintenance of ordinary watercourses within their internal drainage districts, overseeing the risk from flooding, and for the production of water level management plans²⁷.

Box 2.5: Water Companies

There are three water companies which operate in Nottinghamshire;

- Severn Trent Water (STW) - the predominant water supply and sewerage undertaker in the County,
- Anglian Water (AW) – operates sewers for a very small area in the East of the County, around the village of Harby, north of Collingham. Yorkshire Water – water supply only within some north western parts of the County

STW (and AW where relevant) are responsible for:



<http://www.stwater.co.uk/>

- The drainage of surface water from development via sewers they have adopted;
- Maintaining public sewers into which much of the highway drainage connects;
- Maintaining and improving water mains and other pipes to reduce the risk of leaking or bursts pipes (also applicable to Yorkshire Water); and,
- Producing Asset Management Plans and reporting its performance each year to Ofwat (The Water Services Regulation Authority), including in respect of internal sewer flooding of properties.

STW as the main water company have been actively engaged in partnership working with Nottinghamshire CC to address flood prevention through a number of schemes including; *Selston village, Coningswath Road and Carlton Valley, and Nottingham and the Thoresby Dale property protection scheme at Hucknall.*

Box 2.6: Highways England

In Nottinghamshire, Highways England is responsible for motorways and trunk roads whilst the County Council is responsible for other adopted roads. Both are responsible for highways drainage and the

²⁷ Water Level Management Plans (WLMPs) are required for all areas which have a conservation interest and where water level management is important for the maintenance, or rehabilitation, of that interest (e.g. Sites of Special Scientific Interest (SSSIs), Special Protection Areas and Ramsar sites). WLMPs also provide a framework for balancing and integrating the water level requirements of agriculture, recreation, flood risk and conservation within an area.

preparation, development and implementation of associated plans and policy. Highways maintenance is also required including road drain maintenance inclusive of kerbs, road gullies, ditches and the pipe network which connect to Severn Trent Water sewers.



<http://www.highways.gov.uk/highways-england/>

2.3 Neighbouring Lead Local Flood Authorities:

Box 2.7: Nottingham City Council

Nottingham City Council is a Unitary Authority and is also a LLFA under the Act.

Nottingham City Council is producing a Local Flood Risk Management Strategy for the administrative area of the City Council. The County Council and the City Council Local Flood Risk Management Strategies have been developed in concert with each other to provide an approach to managing local flood risk which effectively manages cross-boundary issues.



**Nottingham
City Council**

<http://www.nottinghamcity.gov.uk>

Other neighbouring Lead Local Flood Authorities include:

- Derbyshire County Council <http://www.derbyshire.gov.uk/>;
- Doncaster Metropolitan Borough Council <http://www.doncaster.gov.uk/search/searchhomepage.aspx>;
- Leicestershire County Council <http://www.leics.gov.uk/>;
- Lincolnshire County Council <http://www.lincolnshire.gov.uk/>;
- North Lincolnshire Council <http://www.northlincs.gov.uk/>; and
- Rotherham Metropolitan Borough Council <http://www.rotherham.gov.uk/>.

Roles and responsibilities of the above neighbouring LLFAs are similar to that of Nottinghamshire County Council for their own administrative areas.

2.4 Other Key Stakeholders

There are a number of organisations who are not Risk Management Authorities under the Act but are still important partners in managing local flood risk. Some of these stakeholders include:

- [The Canal & River Trust](#)²⁸ (formerly British Waterways) – responsible for maintaining the canal networks in Nottinghamshire, although without any specific flood management responsibility;
- [Natural England](#)²⁹ – responsible for enhancing and protecting the natural environment;
- [English Heritage](#)³⁰ – advises on the protection and enhancement of the historic environment; and
- [Nottinghamshire Wildlife Trust](#)³¹ – working across the county to protect and enhance wildlife and habitats in Nottinghamshire.

We also recognise the vital role individuals, communities and businesses have in managing flood risk and the requirement for more information to be available to support these initiatives. This Strategy aims to promote and encourage personal responsibility by raising awareness of flood risk and how this can be reduced and by supporting community-based actions.

2.4.1 **Property Owners and Residents**

It is the responsibility of householders and businesses to look after their property, including protecting it from flooding. It is important that householders, whose homes are at risk of flooding, take steps to ensure that their home is protected. Practical guidance can be found in the publication '[Prepare your property for flooding](#)' available on the Environment Agency website³².

- **Home and Business owners** are responsible for protecting their property (through property level resilience and resistance measures), and maintaining a proper flow of water in any watercourse running through their land.
- **Individuals** can reduce flood risk by taking action such as disposing of leaf litter rather than letting it block drains, co-operating with neighbours and other RMAs, and getting involved in local flood risk management activities.

2.4.2 **Riparian Owners**

If you own land which is adjacent to a watercourse or land which has a watercourse running through it, you are a riparian owner and you have certain legal responsibilities to maintain the watercourse unobstructed. Where a watercourse marks the boundary between adjoining properties, it is normally presumed the riparian owner owns the land up to the centre line of the watercourse.

Riparian Owner: Anyone who owns land or property alongside a river or other watercourse.

RMAs have powers and responsibilities to manage flood risk and work with others to improve river environments. This may often affect riparian owners, who must also adhere to certain responsibilities including:

- To maintain the watercourse (open channel or culverted) and to clear any obstructions (natural or otherwise) so the normal flow of water is not impeded,
- To maintain the banks and bed of the watercourse and any flood defences that exist on it,

²⁸ Canal & River Trust <https://canalrivertrust.org.uk/>

²⁹ Natural England <https://www.gov.uk/government/organisations/natural-england>

³⁰ English Heritage <http://www.english-heritage.org.uk/>

³¹ Nottinghamshire Wildlife Trust <http://www.nottinghamshirewildlife.org/>

³² Environment Agency website - 'Prepare your property for flooding' <https://www.gov.uk/prepare-for-a-flood>

- To accept the natural flow from your upstream neighbour and transfer it downstream without obstruction, pollution or diversion,
- To maintain any structures on your stretch of watercourse including culverts, weirs and mill gates,
- To apply to Nottinghamshire County Council for formal Land Drainage Consent for any works within an ordinary watercourse, and
- Applying to the Environment Agency for formal Flood Defence Consent to carry out works within 8 metres of a main river.

We have permissive powers to carry out flood defence works for ordinary watercourses at our discretion, in a similar manner to those powers used by the Environment Agency for main rivers. Further information is available in the Environment Agency publication '[Living on the Edge](#)'³³

³³ Environment Agency (2012) 'Living on the Edge' <https://www.gov.uk/government/publications/riverside-ownership-rights-and-responsibilities>

2.5 Working in Partnership

We have set up a partnership working framework for working with RMAs in Nottinghamshire (Figure 2-1). All groups within this framework have relevant representatives from our RMAs. The joint Nottingham and Nottinghamshire Strategic Flood Risk Management Board is jointly chaired by the Lead Elected Member for flooding in Nottinghamshire and meets every six months. Communities are invited to attend the Strategic Board to discuss local flooding issues.

In addition to this framework we have an internal Local Flood Risk Management Stakeholder Group and we meet regularly with the other County and Unitary Authorities in the East Midlands and further afield to share emerging approaches and best practice. Flood alleviation work we have been developing with local partners including the East Midlands Council Reports on Flooding and the impact of Climate Change is discussed further in [Section 4.2](#).

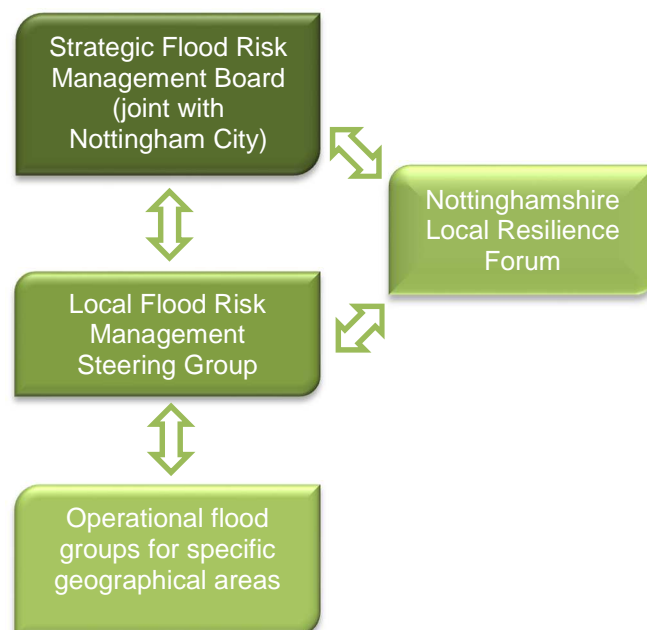


Figure 2-1: Partnership working framework in Nottinghamshire

2.6 Local Flood Risk Management Steering Group

We set up our Local Flood Risk Management Steering Group in September 2011. This has representatives from Nottinghamshire County Council, Nottingham City Council, Water Companies represented by Severn Trent Water, the Environment Agency, Internal Drainage Boards represented by the Lindsey Marsh Group of IDBs (Trent Valley and Isle of Axholme and North Nottinghamshire) and all District and Borough Councils.

Our terms of reference include steering the implementation and development of the Local Flood Risk Management Strategy, communications, working together on the new roles and responsibilities, prioritising investment in flood schemes and looking for funding and sharing information and best practice. The Steering Group decide which actions and recommendations to take to the Strategic Board for sign off and delegate detailed discussion on site specific matters to the operational groups. The Group complements the Local Resilience Forum Flood Planning and Warning and Communicating with the Public Groups (for emergency planning) and the Policy Planning and Development Management Manager meetings (for development planning and management).

2.7 Nottinghamshire Local Resilience Forum

The planning, response and recovery from flooding emergencies is overseen by the Nottingham and Nottinghamshire Local Resilience Forum (LRF) and responsibilities for this are set out in the Nottinghamshire Flood Response Plan³⁴. This forum brings together various different

³⁴ Nottinghamshire Flood Response Plan
<http://www.nottinghamshire.gov.uk/caring/emergencies/emergencyplanning/ouremergencyplans/>

responders³⁵ for the management of different types of emergencies, including flooding. The LLFA function works closely with all relevant functions, including Emergency Planning to ensure our services are cross-complimentary. Emergency Planning has a role in warning and informing the public and co-ordinating the response to flooding.

We share information with and co-ordinate activity between Category 1 and Category 2 Responders and promote business continuity to small - medium sized enterprises. Much of this work is undertaken through the LRF Flood Planning and Warning (sub) Group, which brings together blue light services, the County and City Councils, District and Borough Councils, Water Companies, the Military and the Environment Agency. We have identified the key linkages between emergency planning, response and recovery and local flood risk management and incorporated these into our Strategy Action Plan ([Appendix B](#)).

The aim of the group is to establish a professional network to develop and disseminate best practice in flooding resilience. The group maintains an annual work plan which includes flood plans, policy, incident response review, training and exercising. We will continue to work closely with emergency planners to make the most of opportunities to reduce flood risk together.

2.8 Local Engagement Survey

During February and March 2012, we undertook a survey to inform our Strategy. We did this to understand the perspective of others, their opinion on what our priorities should be and enhance our understanding of local flood risk concerns and issues. We requested input into the survey from County Councillors, affected Risk Management Authorities, wider relevant organisations and the general public. We received over 400 responses and have fed these into this strategy document. A summary of the responses we received is included in [Appendix E](#)

³⁵ Nottinghamshire Prepared <http://www.nottinghamcity.gov.uk/prepared/index.aspx?articleid=6520>

3. FLOOD RISK IN NOTTINGHAMSHIRE

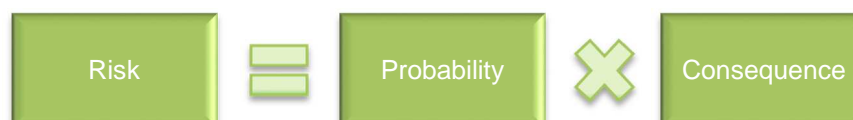
What is Flood Risk?

Flood risk is not just the likelihood of flooding occurring, but also the potential damage a flood could cause. Assessing risk in quantifiable, financial terms can help prioritise where available funding should be directed, as well as support applications for additional external funding.

However, it should also be borne in mind that the consequences of flooding can be far reaching and not always easy to value, particularly the social impacts of displacement from property, loss of possessions and particularly the fear of repeat events.

What is Flood Risk?

Flood Risk is the likelihood of a particular flood happening (probability) e.g. 'there is a 1 in 100 chance of flood in any given year in this location', multiplied by the impact or consequence that will result if the flood occurs.



The evaluation of risk takes into account the severity of impacts from a flood event, which can be highly variable in terms of social, economic and environmental consequences. Consequences are often measured by number of properties flooded and level of economic damage. It will also be influenced by vulnerability (i.e. a basement flat or a key emergency service station is more vulnerable than a commercial warehouse)

There will only be a risk if there is a means (pathway) of connecting the source of the flood with the people, property and land that may be affected (receptors). Source, pathway and receptor must all be present for there to be a risk.



In this report we have expressed flood probability as an Annual Exceedance Probability (AEP). Hence a flood with a 1% AEP has a 1 in 100 chance of happening in any one year or a return period of 100 years. Return periods can be misleading however as they suggest that such a flood might not happen again for another 100 years.

3.1 Geographic Context

Nottinghamshire covers an area of over 2,000km² and has a population of around 796,200³⁶. The main urban centres are Hucknall, Beeston, Stapleford, Arnold, Carlton, West Bridgford, Mansfield, Sutton-in-Ashfield, Newark, Worksop and Retford. Nottingham City Council covers the urban area of Nottingham within their administrative boundary. Often flooding within the

³⁶ Mid 2013 estimate. Office for National Statistics.

County arises as a result of cumulative impacts wherein a combination of different flooding sources combines to create a flooding incident.

The County is largely drained by the River Trent which flows northwards into the Humber Estuary, although small parts of the county drain east into the River Witham and to the north west into the River Don. Flooding from the River Trent has caused major damage and disruption in the past, such as in 1947 and more recently in 2000 and the winter of 2012.

Recent floods have highlighted the vulnerability of Nottinghamshire to more local sources of flooding, such as surface water and the sewer and highway drainage networks becoming overwhelmed and being affected by backing up from Main Rivers and Ordinary Watercourses. The condition and location of drainage assets also has an important local influence. Many of the localised flooding incidents are related to blockage, failure or mis-connection of the local drainage network, including culverted watercourses, surface water sewers and highway gullies.

The elevation of the County varies, from the steep topographic ridge that runs through Gedling Borough, to the undulating hills of the south and west and to the low lying areas that are in some cases artificially drained to the north and east. In low lying areas, Internal Drainage Boards (IDBs) have been set up to manage the specific drainage characteristics of these areas. These areas often rely on pumped drainage and as a consequence flood waters can pond and take longer to subside.

Flooding in rural areas can be influenced by some farming practices which have the potential to cause rapid runoff during rainfall and exceed the limited capacity of many of the smaller watercourses and the highways drainage and sewer network (where one exists).

The pattern of flooding is further complicated by the underlying geology, which can influence the movement of groundwater and ability of rainfall to soak into the ground. Nottinghamshire lies within a broad belt of sedimentary rocks, which dip gently eastwards, from the Pennine axis of Derbyshire towards Lincolnshire and the North Sea basin. There are coal measures across the county which dip from west to east, which has influenced the distribution of past mining activity. Now that much of the mining activity has ceased, minewaters and groundwater will readjust, with the potential for groundwater flooding and seepage. In places the solid geology is overlain by drift geology of former glacial and river deposits, such as sands and gravels, many of which have been excavated over time, such as at Attenborough Nature Reserve. Gravel works have the potential to significantly contribute to the storage of flood waters along the Trent valley.

3.2 Local sources of Flood Risk

The Act defines local flood risk as flood risk from:

- Surface runoff;
- Groundwater; and
- Ordinary watercourses.

The majority of reported incidents of flooding in Nottinghamshire are as a result of intense rainfall events culminating in surface water runoff which overwhelms local drainage capacity, ordinary watercourses and associated structures including that of culverts.

We have already undertaken a comprehensive review of local sources of flooding and their interactions as part of our Preliminary Flood Risk Assessment (PFRA)³⁷. This assessment along

³⁷ JBA Consulting (2011) Nottinghamshire Preliminary Flood Risk Assessment. Final June 2011

with other sources of data provided by RMAs, local knowledge, investigations and consultation responses from residents, has fed into the development and delivery of this Strategy. Data has been collated and analysed regarding past, current and potential future flooding incidents in light of future challenges such as climate change.

Flooding from main rivers, sewer flooding and flooding from artificial sources are not defined as 'local' sources of flooding and therefore do not fall under our responsibility and requirements of this Strategy. However, these sources of flooding are considered particularly significant within Nottinghamshire and can occur in combination with local sources of flooding. This is a critical issue in the understanding of local flood issues in that high river levels in a main river may prohibit the normal discharge from an ordinary watercourse, which in turn impedes the function of a sewer. As a consequence we have a role as RMA's to cooperate to manage such situations and that after a flood event the LLFA have a critical investigation role that requires the LLFA to ensure the relevant RMA's understand and undertake their Flood Risk responsibilities. The LLFA investigations following a flood event will identify all of the contributing factors to a flood so that any investigation that suggests potential flood risk solutions can be led by the relevant RMA. The result of such cooperation is that responses to flood events are considered and have maximum effect rather than knee jerk. A summary of the risk for all sources is therefore provided below.

We are approaching the management of local flooding in the County with the understanding that many incidents result largely from a combination of surface water and ordinary watercourse flooding as the main sources, particularly in large scale flood events. As a result, it cannot always be determined where properties have been affected by one single or multiple sources of flooding. The following tables separate each individual source of flood risk so that the differences can be clearly understood. Maps illustrating the flood risk from all sources in Nottinghamshire are provided in [Appendix A](#)

3.2.1 **Surface Water**

Table 3.1: Local sources of risk – Surface water

Description of source	Surface water flooding usually occurs when high intensity rainfall generates runoff which flows over the surface of the ground and ponds in low lying areas, before the runoff enters a watercourse or sewer. It can be exacerbated when the ground is saturated and/or when watercourses or road drainage systems have insufficient capacity to cope with the additional surface water runoff.
Historic Flooding	<p>The River Witham³⁸ and River Trent³⁹ Catchment Flood Management Plans (CFMPs) report that approximately 26% and 20% respectively of flood events within the catchment are a result of surface water or sewer flooding. Surface water flooding in Nottinghamshire occurs as a result of rapid runoff due to intense rainfall, complicated overland flow networks, complicated drainage networks with multiple ownership and varying condition, culverted/open watercourses and specific agricultural practices.</p> <p>In Nottinghamshire there are flat, sometimes artificially drained areas to the north and east, particularly those areas that form the natural floodplain of the River Trent and tributaries. Pumping in these areas reduces the chance of surface water and groundwater flooding but if pumping stations should fail, this could cause flooding in a wider area, since there would be no operational drainage system. Nottinghamshire also has undulating agricultural areas.</p>

³⁸ River Witham Catchment Flood Management Plan (2009) <https://www.gov.uk/government/publications/river-witham-catchment-flood-management-plan>

³⁹ River Trent Catchment Flood Management Plan (2009). <https://www.gov.uk/government/publications/river-trent-catchment-flood-management-plan>

Table 3.1: Local sources of risk – Surface water

Farming practices can have a significant impact upon the water quality of runoff following rainfall.

To the south and west of Nottinghamshire there are relatively steep areas, including heavily urbanised areas, such as Nottingham City, Sutton-in-Ashfield and Mansfield. In these areas there is rapid surface water runoff and complicated interactions with the private sewer and highway drainage networks and culverted and open watercourses which can cause further surface water flooding.

The Nottinghamshire PFRA analysed the Highways Asset Management System (HAMS) related to received calls at NCC customer service centre and highlighted particular concentrations of flood events related to blocked drains or manholes in Burton Joyce, Newark on Trent, Retford, Southwell, Worksop and the Arnold, Carlton and West Bridgford areas of Nottingham. More recent records from HAMS for the period 2014 -2015 show the greatest numbers of reported flood events in Mansfield, Hucknall and Retford, but also with high concentrations in Southwell, Worksop, Arnold, Carlton and West Bridgford.

During July 2013, hundreds of properties across the County were affected from a combination of flood sources, most extensively in Southwell. Many of the smaller flood incidents recorded at this time were attributed to surface water due to intense rainfall; for example, on the 23rd July 2013 36mm of rain was recorded in one hour in Nottingham⁴⁰ and as such would potentially overwhelm the engineered flood defence systems which were designed for a given return event, these flooding events were as a consequence of exceptional rainfall events. The floods of summer 2007 also had a huge impact on Nottinghamshire with properties affected mapped in the PFRA. Newark and Sherwood District Council described the flooding as ‘the most significant natural disaster the area has experienced since 1947⁴¹’. The flooding affected homes, businesses, schools and infrastructure across the County.

⁴⁰ Met Office July 2013 UK overview <http://www.metoffice.gov.uk/climate/uk/summaries/2013/july>

⁴¹ Newark and Sherwood District Council (2009) Fighting the floods, looking back and moving forwards

Table 3.1: Local sources of risk – Surface water


Photo 3.1.1: Surcharging drains in East Stoke (Source: Nottinghamshire County Council)

Future Flood Risk

The Environment Agency has undertaken national modelling of the risk of flooding from surface water and published the mapping outcomes on their website in December 2013. The Flood Risk from Surface Water map⁴², identifies the risk of surface water flooding at a strategic scale and bands flood risk as follows:

- High Risk – chance of flooding of greater than 1 in 30 (3.3%) in any given year
- Medium Risk – chance of flooding of between 1 in 100 (1%) and 1 in 30 (3.3%) in any given year
- Low Risk – chance of flooding of between 1 in 1000 (0.1%) and 1 in 100 (1%) in any given year, and,
- Very Low Risk – chance of flooding of less than 1 in 1000 (0.1%) in any given year.

Appendix A Figure 1 shows the Flood Risk from Surface Water mapping for Nottinghamshire.

An assessment of the risk to properties, critical infrastructure, transport, heritage and the environment has been undertaken for the Strategy using the Environment Agency's National Receptor Database to provide an indication of the level of risk facing Nottinghamshire. The

⁴² Flood Risk from Surface Water maps, also known as the updated Flood Map for Surface Water (uFMfSW) dataset.

Table 3.1: Local sources of risk – Surface water

residential properties at risk for each district and borough are presented in the table below, whilst non-residential receptors are displayed in Appendix F and Figure 2 in Appendix A.

No. Residential properties at risk of flooding in Nottinghamshire (based on Environment Agency 'Flood risk for surface water' mapping)			
District or borough	Surface water flood risk		
	Low	Medium	High
Ashfield	8,733	2,509	881
Bassetlaw	8,321	2,689	1,209
Broxtowe	9,397	2,009	745
Gedling	10,144	3,023	1,231
Mansfield	7,733	2,133	707
Newark and Sherwood	9,488	2,400	935
Rushcliffe	8,236	1,921	665
Nottinghamshire	62,052	16,684	6,373

All of the Districts and Boroughs within Nottinghamshire have a significant number of homes at high risk from surface water flooding with the greatest numbers in Gedling, Newark and Sherwood and Broxtowe. These figures have been used to inform local flood risk hotspots alongside historic information, discussed further in Section 3.5.

There are also numerous former coal mining assets in Nottinghamshire which can influence flooding through infrastructure connected to such works, such as culverts and lagoons. Mine waste disposal operations have given rise to another source of flooding from spoil heaps which are often fairly impermeable. Rapid runoff may overload drainage ditches and cause localised flooding to surrounding areas, although many of these in the County have now been restored for parkland, agriculture or golf courses. Various sustainable drainage features and vegetation have been encouraged to allow infiltration and attenuation of runoff. Additionally, future development applications must acknowledge potential risks from spoil tips and provide adequate mitigation⁴³.

Future development such as that being driven forward by the Greater Nottingham and Newark and Sherwood Growth point initiatives has the potential to increase flood risk, if not carefully managed. New initiatives are being investigated to use mining infrastructure as drainage features for new development. These are discussed further in [Section 5.2](#)

⁴³ Nottinghamshire County Council (2012) Report to Communities and the Environment Standing Committee: Water and gas emissions from disused mines draft final report. 23 April 2012

Table 3.1: Local sources of risk – Surface water

Supporting Documents	River Witham Catchment Flood Management Plan (2009) River Trent Catchment Flood Management Plan (2009). Nottinghamshire Preliminary Flood Risk Assessment
Figures	Figure A1: Risk of flooding from surface water Figure A2: Critical infrastructure at risk from surface water flooding Figure A3: Heritage and biodiversity assets at risk from surface water flooding

3.2.2 Groundwater

Table 3.2: Local sources of Flood risk - Groundwater

Description of Source	Groundwater flooding generally occurs in low-lying areas, as the result of groundwater rising above the surface of the land. The underlying geology has a significant influence on the risk of groundwater flooding. In Nottinghamshire this is particularly related to the presence of alluvial gravels, on the floodplain of the River Trent, and groundwater rebound following cessation of industrial extraction (including mine dewatering).
Historic Flooding	<p>Despite the presence of alluvial gravels, there are few recorded instances of groundwater flooding in Nottinghamshire. However, it may be that the incidence of groundwater flooding is disguised by other flooding sources such as main river flooding from the River Trent. The Environment Agency historic flood records attribute a flood incident in West Bridgford to groundwater in November 2000 when exceptionally wet conditions were experienced across the UK.</p> <p>The Nottinghamshire PFRA indicates that there are high levels of groundwater in parts of the County such as Ashfield and groundwater flooding was reported in 2007 at Bleasby, Staythorpe and Eginton in Newark and Sherwood. However, this flooding is likely to be interrelated to wider flooding experienced throughout Nottinghamshire in 2007. Groundwater flooding was also identified in Hucknall combined with watercourse flooding in the Greater Nottingham SFRA⁴⁴.</p> <p>Groundwater rebound has been observed in areas previously depleted by former industrial extraction. This was predominantly for coal mine dewatering which has in the past been extensive across the county. The Environment Agency and Coal Authority are working together to monitor the impacts of the changing water table.</p> <p>Whilst the River Trent CFMP does not consider groundwater flooding as a significant problem at the county level, the potential for increasing risk throughout Nottinghamshire would benefit from further investigation and/or monitoring, especially as a result of potential future challenges posed by climate change for instance. The River Trent CFMP does acknowledge that <i>“flooding through alluvial gravels and sands does occur within the main Trent valley where aggregate extraction is undertaken, causing occasional flooding in unexpected areas, but more generally just resulting in areas which routinely tend to become more water logged when river levels are</i></p>

⁴⁴ Black & Veatch (2008) The Greater Nottingham Strategic Flood Risk Assessment. June 2008

Table 3.2: Local sources of Flood risk - Groundwater

	<i>high</i> ". The River Witham CFMP did not identify any groundwater flooding incidents within Nottinghamshire
Future Flood Risk	<p>Groundwater flooding can be particularly difficult to predict due to the 'hidden' nature of the source of flooding and relatively longer period of build-up and emergence, often several days or weeks after heavy rainfall has fallen and river levels have receded.</p> <p>Existing efforts to predict groundwater flooding events are based on monitoring water levels in boreholes in areas known to be at risk. These systems can give notice (typically days or weeks ahead) of impending events. Groundwater models can be used to provide early warning systems that can alert authorities to possible groundwater flooding in advance allowing authorities to plan their response and possibly even to implement mitigating measures. However, the monitoring of boreholes and development of groundwater flood models can be costly, and are only normally undertaken in those areas of greatest risk.</p> <p>Data has been produced by the Environment Agency and mapped for Nottinghamshire in Figure A5 indicating areas susceptible to groundwater flooding at a 1km grid square scale based on the hydrogeological conditions. This data is meant as a guide for LLFAs to look at where further studies may be useful rather than specifically where groundwater will flow and pond. It does not take into account the chance of flooding from groundwater rebound.</p> <p>The future risks to Nottinghamshire from groundwater are complex and require improved understanding. Work is already being carried out in partnership with the Environment Agency to investigate the risks from groundwater recharge in disused mining sites. A proactive minewater monitoring programme is in place to manage the predicted rise in groundwater levels. It is estimated that pumping and treatment of minewaters may be required in the county at some point in the next 5-10 years or longer (based on 2012 report)⁴⁵. Current monitoring does not indicate that minewater rebound will cause surface flooding, provided a controlled programme of pumping is carried out.</p>
Supporting Documents	Nottinghamshire Preliminary Flood Risk Assessment River Witham Catchment Flood Management Plan (2009) River Trent Catchment Flood Management Plan (2009).
Figures	<p>Figure A5: Risk of flooding from groundwater</p> <p>Figure A6: Disused mine locations and risk of flooding from groundwater</p>

3.2.3 Ordinary Watercourses

Table 3.3: Local Sources of Risk - Ordinary watercourses

Description of Source	<p>Ordinary watercourses include every river, stream, ditch, drain, cut, dyke, sluice, sewer (other than a public sewer) and passage through which water flows, above ground or culverted, which is not designated as a main river. An example is Rainworth Water which runs through Ollerton and Rainworth.</p> <p>All of the ordinary watercourses in the County are shown along with main rivers in Figure A8 in Appendix A. Whilst there is often a focus on flooding from main rivers, flooding from ordinary</p>
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⁴⁵ Nottinghamshire County Council (2012) Report to Communities and the Environment Standing Committee: Water and gas emissions from disused mines draft final report. 23 April 2012

Table 3.3: Local Sources of Risk - Ordinary watercourses

watercourses has resulted in or made a significant contribution to numerous flooding incidents in the wider Nottinghamshire area.

Riparian land owners are responsible for managing and maintaining ordinary watercourses within their land ownership. In Nottinghamshire, this duty often falls to the Internal Drainage Boards (listed in Section 2.2) who are also responsible for managing the risk of flooding arising from ordinary watercourses located within their administrative area. As the LLFA, we have responsibility to manage the risk of flooding arising from ordinary watercourses outside of IDB areas through engagement with riparian owners and enforcing maintenance responsibilities in accordance with the Land Drainage Act 1991. The County Council will only maintain a watercourse where we are the landowner and therefore have those responsibilities of the riparian owner.

Under the Act, anyone wishing to do works, which may alter or impede the flow of an ordinary watercourse must obtain prior consent from the County Council as LLFA. More information can be found on our website:

<http://www.nottinghamshire.gov.uk/enjoying/countryside/flooding/lead-local-flood-authority/ordinarywatercourseslanddrainageconsent/>

Supporting Documents

[Nottinghamshire Preliminary Flood Risk Assessment](#)

[Nottinghamshire and Nottingham Level 1 Strategic Flood Risk Assessment Minerals and Waste](#)

Historic Flooding

Extensive records of flooding in Nottinghamshire can be attributed to ordinary watercourses as a main source of flooding. Records dating back to 1983 are summarised in Table 3-4. Records of flooding are often attributed to a combination of surface water drainage and the physical capacity of ordinary watercourses.

There are a large number of ordinary watercourses in the county. Some have featured more prominently during more recent flooding such as the Potwell Dyke in Southwell which overflowed following torrential rain in July 2013, contributing to flooding of hundreds of properties. Similarly, the Thurgarton Beck and the Oxton Dumble are reported as the main sources of flooding combined with surface water in Thurgarton and Oxton during the same event. All three ordinary watercourses are in the River Trent catchment.

The exceptional flooding of summer 2007 involved significant fluvial flooding from main rivers as well as surface water and it is likely that overtopping of ordinary watercourses occurred as a result of these combined influences. It has been noted in the River Trent CFMP that flooding can be exacerbated by high water levels in watercourses impeding drainage as well as blocked culverts and trash screens.



Photo 3.3.1: Oxton Road, Southwell
July 2013



Photo 3.3.2: Cauntton Ford Bridge 2012

Table 3.3: Local Sources of Risk - Ordinary watercourses	
(Photos source: Nottinghamshire County Council)	
Future Flood Risk	<p>Future flood risk is based on the potential risk that might arise based on knowledge of known flooding hotspots and potential mechanisms for flooding. Often ordinary watercourses in combination with other sources of flooding, such as surface water or main river flooding can combine to exacerbate flood risk. Therefore it important to consider this source of flooding not just in isolation but in combination with these additional flood mechanisms.</p> <p>Newark and Sherwood District Council have developed Parish Flood maps indicating areas likely to flood relating both to main rivers and IDB maintained watercourses within their district which can be accessed at http://www.newark-sherwooddc.gov.uk/yourcouncil/flooding/parishfloodmaps/</p> <p>Nottinghamshire has extensive lengths of ordinary watercourse, many known to contribute to regular flooding issues. Monitoring and maintenance through working with our partner authorities is essential. Trash screens and culverts have the potential to become blocked by items such as plant debris and rubbish. Blockages can restrict the natural flow of water, increasing the chance of water flowing out of bank and causing local flooding due to the reduced conveyance potential of the constricted watercourse.</p>
Figures	Figure A8: Location of main rivers and ordinary watercourses

3.2.4 Historic Flooding from Local Sources

Historic flood records have been collated from a large number of information sources during the development of the Strategy and the PFRA previously. A summary of evidence about locations which have experienced flooding is included in Table 3-4. These incidents have also been mapped in Figure 7a and 7b, which can be viewed in [Appendix A](#). This information should not be considered a complete record as the information sources are variable. As LLFA we will continue to build on our evidence base to help us implement more effective Local Flood Risk Management through an improved understanding of the combined effects of different flood sources.

Table 3-4 summary of recent flooding events and predominant sources of flooding

Date*	Location	Source of Flooding	Approximate Number of Properties Affected
Unknown	Elston	Ordinary Watercourse	6
1983	Clarborough	Ordinary Watercourse	2
2000	Attenborough, Averham, Beckingham, Besthorpe, Bleasby, Burton Joyce, Carlton-On-Trent, Caythorpe, Collingham, East Stoke, Edwinstowe, Farndon, Fiskerton, Girton, Grassthorpe, Gunthorpe, High	Main River, Ordinary	318

Date*	Location	Source of Flooding	Approximate Number of Properties Affected
	Marnham, Holme, Hoveringham, Kelham, Laneham, Littleborough, Lowdham, Morton, Newark On Trent, North Clifton, South Muskham, Staythorpe, Stoke Bardolph, Walkeringham, Winthorpe	Watercourse, Surface runoff	
2007	Annesley Woodhouse, Bagthorpe, Balderton, Beckingham, Bilsthorpe, Bingham, Bircotes, Bleasby, Blidworth, Brinsley, Bulcote, Burton Joyce, Calverton, Carlton-On-Trent, Carlton In Lindrick, Caunton, Clarborough, Clayworth, Coddington, Colston Bassett, Cromwell, Cuckney, East Drayton, East Markham, East Stoke, Edingley, Edwinstowe, Egmanston, Epperstone, Fackley, Farndon, Fiskerton, Gamston, Gringley on the Hill, Halam, Harworth, Headon, Hockerton, Hucknall, Huthwaite, Jacksdale, Kelham, Kirkby in Ashfield, Kirklington, Lambley, Langold, Laxton, Little Carlton, Lound, Lowdham, Mansfield, Market Worksop, Milton, Moorhouse, Newark On Trent, Normanton on Trent, North Leverton, North Wheatley, Norwell, Oldcotes, Ollerton, Ompton, Oxton, Pleasley, Radcliffe on Trent, Ragnall, Rampton, Ranskill, Retford, Rhodesia, Rockley, Rolleston, Ruddington, Selston, Shireoaks, Skegby, South Clifton, South Leverton, Southwell, Stanley, Staythorpe, Sturton le Steeple, Sutton in Ashfield, Sutton On Trent, Syerston, Teversal, Thurgarton, Treswell, Trowell, Tuxford, Underwood, Walkeringham, Weston, Whaley Thorns, Woodborough, Worksop	Main River, Ordinary Watercourse, Surface runoff	1,411
2008	Carlton, Clarborough, Clayworth, Eaton, Gunthorpe, Harworth, Hayton, Lambley, Mansfield, Oldcotes, Retford, Sutton, West Stockwith, Wiseton, Worksop	Main River, Ordinary Watercourse, Surface runoff	2
2012	Arnold, Aslockton, Beckingham, Bingham, Bramcote, Bunny, Burton Joyce, Calverton, Car Colston, Carlton, Carlton on Trent, Chilwell, Colwick, Costock, Cropwell Butler, East Leake, Edingley, Edwalton, Gedling, Girton, Gotham, Gunthorpe, Keyworth, Kimberley, Lambley, Lowdham, Mansfield, Netherfield, Newark, North Wheatley, Orston, Pleasley, Rempstone, Retford, Rolleston, Stanford on Soar, Sutton Bonington, Sutton in Ashfield, Syerston, Tollerton, Trowell, West Bridgford, Woodborough, Worksop	Main River, Ordinary Watercourse, Surface runoff, sewers	144 (including repeat flooding)
2013	Arnold/ Mapperley/ Gedling, Awsworth, Balderton, Bingham, Blidworth, Burton Joyce/ Bulcote, Calverton, Carlton, Caythorpe, Coddington, Cropwell Butler, East Bridgford, Eastwood, Elton, Farnsfield, Fiskerton, Hucknall, Kimberley, Lambley, ,	Mainly surface water and Ordinary Watercourse	520

Date*	Location	Source of Flooding	Approximate Number of Properties Affected
	Netherfield, Newark, Newthorpe, Newton, Normanton on Trent, Nuthall, Ollerton, Orston, Owthorpe, Oxtun, Papplewick, Radcliffe on Trent, Ravenshead, Red Hill, Shelford, Southwell, Thurgarton, Trowell, Woodborough, Woodthorpe		
	Lowdham	Main River and Surface Water Flooding	70
2014 and early 2015**	Hucknall, Mansfield, Retford, Calverton, Carlton, Southwell, Arnold, Sutton in Ashfield, Ravenshead, Worksop, Kirkby-in-Ashfield, Kimberley, Mansfield Woodhouse, Papplewick, Awsworth, Cossall, Gedling, Balderton, Bestwood, Bingham, Forest Town, Eastwood, Newark on Trent, Burton Joyce, Farnsfield, Ranskill, Ruddington, Bunny Chilwell Gamston Cotgrave Ollerton, Rainworth, Strelley, Trowell, Blidworth, Claborough, Lowdham, Mapperley, Netherfield, Newthorpe, North Leverton, Nuthall, Stapleford, Sutton on Trent, Underwood, Walesby, Watnall, Woodthorpe	Mainly Surface Water and ordinary watercourse	TBC
	West Bridgford, Misterton	Surface water and groundwater	

* Events only included where there is reasonable information on flood consequences. The number of properties is intended to serve as an indication only. Sewer information is based on those incidents reported to the County Council.

** Based on reports to NCC Highways Management until February 2015

3.3 Other sources of flood risk

The purpose of the Strategy is to consider all flooding from 'local' sources and how the flooding can be managed. However, the causes of flooding can be complex and interrelated. Managing risks from other sources of flooding needs to be considered in local flood risk management even though primary management responsibility may sit with other RMAs. As mentioned previously the LLFA will lead the flood investigations and through the cooperative efforts of all RMAs ensure understanding of the causes and impacts of the flooding event, so that through the LLFA the RMAs can implement effective and efficient flood control measures which have been developed through robust investigation and consultation processes.

3.3.1 Main Rivers

The Environment Agency is responsible for managing risk from main rivers. However, due to the complex, interrelationships between flood sources, main river flooding will be considered in conjunction with local sources within this Strategy. Flooding from 'larger rivers' was perceived as the main source of flooding by 60% of Nottinghamshire residents who completed the consultation survey (see [Appendix D](#) for further information). NCC is working closely with the Environment Agency to jointly address combined risks from both main rivers and ordinary watercourses.

Table 3.5: Other sources: Flooding from main rivers

Description of Source	<p>Flooding from main rivers, referred to as fluvial flooding, usually occurs when a river, stream or brook bursts its banks and is usually caused by prolonged periods of heavy rainfall. The River Trent has a very large catchment and will typically take longer to respond to rainfall (a matter of days) than smaller watercourse catchments, like the River Maun at Mansfield or Cocker Beck at Lowdham that can respond within hours of a rainfall event.</p>
	<p>The River Trent is a tidal watercourse from Cromwell Weir, downstream of Newark to its confluence with the River Humber, north of Scunthorpe. Tidal flooding may directly affect communities living in the tidal floodplain, but often this will be complicated because high water levels in the tidal river can cause flows coming downstream to back up or mean that surface water and smaller watercourse outfalls become tide-locked and are unable to discharge freely into the tidal section of the river. In terms of flood risk, however, the river is fluvially dominated from Cromwell Weir to Gainsborough. This means that it is highly unlikely that a tidal event, in isolation of any other flood sources, could cause flood risk to properties in this reach of the River Trent. Whilst there are numerous sources of feeds into the tidal section of the Trent, these are usually designed to deal with tide-locked situations, as the River Trent will normally go through a tidal cycle twice in a day.</p>
Historic Flooding	<p>Main rivers flowing, at least in part, through Nottinghamshire include;</p> <ul style="list-style-type: none"> • River Trent • River Soar • River Erewash • River Leen • Rivers Maun, Meden & Idle • River Ryton • River Smite • Additionally Fairham Brook, Cocker Beck, River Greet, Crock Dumble, Boundary Brook, River Devon, Baker Lane Brook, Greythorn Dyke. <p>The River Trent has a long history of significant flooding. In 2014 a tidal surge led to overtopping of the Trent in North Lincolnshire but did not reach as far as Nottinghamshire. Arguably numerous recent recorded flooding from ordinary watercourses can be linked to high flows in the Trent where many of these smaller rivers culminate. In 2012 flooding from the Crock Dumble is recorded in Burton Joyce and from the Cocker Beck at Lowdham, both are tributaries of the River Trent. Both of these watercourses are Main River. Crock Dumble has a pumped outfall, which has been improved by the Nottingham Left Bank Scheme. Whilst high levels in the Trent may determine the pumping regime, any properties still impacted are mainly from a combination of the Brook, highway drainage and sewer interactions. Cocker Beck is still able to freely discharge across fields and the floodplain before the interaction with the Trent which is closer akin to the situation at Gunthorpe. Whilst the events at Lowdham were influenced by surface water runoff and sewer interaction.</p> <p>The Nottinghamshire Minerals and Waste SFRA refers to reports dating back as far as 530 AD⁴⁶. Overtopping and breach of flood embankments has long been a common cause of flooding. The Trent CFMP⁴⁷ identifies the most significant river flooding on record as February 1795 but notes other large events; in October 1875, March 1932, March 1947, December 1965, the winter of 2000 and the summer of 2007. The most severe tidal flooding took place in October/November 1954 as a result of a series of tidal surges.</p>

⁴⁶ URS Scott Wilson (2011) Nottinghamshire Minerals and Waste Level 1 Strategic Flood Risk Assessment

⁴⁷ Environment Agency (2010) River Trent Catchment Flood Management Plan. December 2010

Table 3.5: Other sources: Flooding from main rivers

	<p>Specific records held by the County Council identify flood incidents from the River Soar in 2004 and 2012 flooding in Retford in 2008 from the River Idle and the River Ryton overtopping in Worksop in 2007 when the County experienced widespread flooding from multiple sources. The Baker Lane Brook (main river) has played a prominent role in severe flooding in Hucknall in 2007 and 2013.</p>
Future Flood Risk	<p>In December 2013, the Environment Agency published a new set of mapping called the Risk of Flooding from Rivers and the Sea, which shows the risk of flooding from rivers and the sea banded into High, Medium and Low Risk, in a consistent format with the Risk of Flooding from Surface Water (see Section 3.1). Whilst this dataset is readily available to the public to understand their own flood risk, the Strategy uses the Flood Map for Planning (Rivers and Sea), also published by the Environment Agency, as the basis to determine future flood risk from rivers. The Flood Map for Planning (Rivers and Sea) defines Flood Zones and is used by the District and Borough Councils, in Nottinghamshire as well as the county to make planning decisions in line with national legislation.</p> <p>The National Planning Policy Framework (NPPF)⁴⁸ defines Flood Zones associated with tidal and river flooding based upon the probability of flooding. The extent of land adjacent to main rivers within Flood Zone 2 (between a 1 in 100 and 1 in 1000 chance of flooding in any given year (1% AEP - 0.1% AEP) and Flood Zone 3 (greater than 1 in 100 chance of flooding in any given year (>1% AEP)) varies throughout the County, as shown in Figure A9 in Appendix A.</p> <p>Districts with the greatest areas of Flood Zones 2 and 3 are largely in the catchment of the River Trent including the northern and eastern areas of Bassetlaw, eastern areas of Newark and Sherwood and south east of Gedling as it joins the City of Nottingham. The Environment Agency flood zone data shows areas that could be affected by flooding from rivers if there were no flood defences in place. It should only be used to indicate areas that could be affected. You can find more information about the Environment Agency's Flood Zones using the Environment Agency website.</p> <p>The Environment Agency offers a free flood warning service⁴⁹, which gives advance warning of flooding via telephone, mobile SMS text, e-mail or fax if you live in an area of risk.</p>
Supporting Documents	<p>Nottinghamshire and Nottingham Level 1 Strategic Flood Risk Assessment Minerals and Waste</p> <p>River Trent Catchment Flood Management Plan (2010)</p> <p>District and Borough Councils SFRAs (see Section 2.2, Box 2.3)</p>
Figures	<p>Figure A8: Main rivers and ordinary watercourses</p> <p>Figure A9: Risk of flooding from main rivers</p>

⁴⁸ CLG (2012) National Planning Policy Framework. https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/6077/2116950.pdf

⁴⁹ <https://www.gov.uk/sign-up-for-flood-warnings>

3.3.1.1 *The Catchment Based Approach*

Nottinghamshire County lies within the [Humber Catchment](#) which covers an area of 26,000km²⁵⁰. Each WFD Management Catchment Area and Catchment Flood Management Plan area contains a number of individual river catchments. Individual catchment boundaries are usually formed by ridges of surrounding higher ground which separate the lower lying areas (a line known as the watershed). At its greatest extent a primary catchment can describe the whole area that contributes surface water flow to all the tributaries and outfalls that feed into a river and its ultimate outfall to the sea

The main catchments in Nottinghamshire are described below;

Idle and Torne Catchment

The Idle and Torne catchment extends from central Nottinghamshire to southern Yorkshire. The catchment which covers 1300km² contains a number of sections of ordinary watercourses. The River Idle is formed by the Rivers Meden, Maun and Poulter. Both the Idle and Torne flow through heavily urbanised areas and require careful management as a result of nearby historic land use such as collieries. Generally the watersides within the catchment are of good overall status or potential with flood protection measures apparent throughout the catchment.

Lower Trent and Erewash Catchment

The Lower Trent and Erewash catchment covers 2045km² and covers part of Nottinghamshire along with areas of Derbyshire, Leicestershire, Lincolnshire and South Yorkshire. The River Trent stretches through the city of Nottingham and as such becomes increasingly modified with formal embankments and riverside developments. The River Erewash is a major tributary of the River Trent whilst the River Leen rises in Newstead before entering the city of Nottingham there the river also develops a more urbanised character. The remaining tributaries in the Lower Trent and Erewash catchment are typically more rural in character and dominated by arable agricultural land use. Only 3% of rivers achieve a good and better biological status largely as a result of agricultural and point source discharges from water industry sewage works.

It is important to appreciate the extent and boundaries of the river catchments and their interconnectivity of rivers as any precipitation that does not either evaporate or discharge to underlying ground aquifers will ultimately flow into these rivers either directly or via drainage systems.

However, a catchment can be subdivided into sub-catchment which in turn may be subdivided into sub-sub catchments and so on, until only the area contributing to the surface water flow in a single watercourse and its outfall is described. These basic units are then used to understand the flooding mechanism as it develops in the local area.

The River Trent CFMP⁵¹ divides the River Trent catchment into ten distinct sub areas which have similar physical characteristics, sources of flooding and levels of risk. This

Soar Catchment

Whilst the Soar catchment largely covers Leicestershire, a small area of south Nottinghamshire also lies within the catchment boundary. The River Soar is a significant tributary of the River Trent. There are a number of important tributaries including Rothley, Black and Kingston Brooks. Only ten percent of rivers within the Soar catchment achieve good or better ecological status.

⁵⁰ The Catchment Based Approach (CaBA) Humber RBD <http://www.catchmentbasedapproach.org/humber>

⁵¹ Environment Agency (2010) River Trent Catchment management Plan

identified the most appropriate approach to managing flood risk for each of the sub areas and allocated one of six generic flood risk management policies.

Catchment Based Approach (CBA) looks at the interaction of catchment characteristics and how this interrelationship can influence other factors, as well as how different catchments interrelate. Whilst CBA is led from a WFD perspective it does have key FCRM implications. For example; sedimentation is a key WFD measure of failing water quality, and it also has implications upon river maintenance. Thus adopting a CBA to reduce sedimentation sources within the whole catchment can have benefits to FCRM. Identifying and quantifying the significance of these relationships is crucial and also key when considering future FCRM solutions to communities, so that there are no negative environmental impacts. A key developing area within WWNP's is the inspection and audit of land management practices, where we can start to identify the relationship with flood risk. It is only through adopting a CBA that we can start to look at the source of flood risk rather than setting about treating the outcome.

3.3.2 Sewer Flooding

Table 3.5: Other sources: flooding from sewers

Source of Flooding	<p>Sewer systems can flood for different reasons, such as lack of capacity in the network or blockage. The impact of a sewer flooding is usually much localised, but such flooding can be rapid and potentially hazardous to health.</p> <p>Nottinghamshire's drainage network is both complex and extensive and comprises:</p> <ul style="list-style-type: none"> • Private sewers; • Highway gullies; • SuDS; • Surface water sewers; • Foul sewers; and, • Combined sewers. <p>Flooding from sewers or burst water mains must be managed by the water company responsible for them.</p>
Historic Flooding	<p>The historic handover of local services from former Urban and Rural District Councils, the sewerage agency role to water companies and the development of housing in the past by the Coal Authority means that in many cases the ownership and in some places the location of the drainage network is unclear and/ or unknown. As a County Council we make best efforts to investigate and resolve such difficulties and we have systems in place to store historical information and collate drainage assets.</p> <p>Severn Trent Water has a duty to keep a record of all reported flooding from public sewers. For the period 2015-2020 these records, including historical data, are held in the AMP6 Flood Risk Register. Our liaison with STW allows us to be aware of key areas of flooding from sewers and assists us in providing a strategic approach to flood management.</p> <p>The information available across Nottinghamshire relating to the sewer network, and in particular its capacity is very limited. As previously mentioned it is likely that sewer flooding plays a part in many cases of flooding in Nottinghamshire as causes appear to often be inter-related. This is further complicated by ownership issues. One area known to be affected by sewer flooding includes West Bridgford in Nottingham where the PFRA notes sewer capacity is known to be limited.</p>
Future Flooding	<p>Climate change is anticipated to increase the potential risk from sewer flooding as summer storms become more intense and winter storms more prolonged. This combination is likely to increase the pressure on the existing efficiency of sewer systems, thereby reducing their design standard and leading to more frequent localised flooding incidents. Any sewer flooding that may occur could be exacerbated as a result of surface water runoff during extreme rainfall events.</p> <p>STW will monitor the risk of sewer flooding and put plans in place to manage this, as required, based on their business plan and company priorities. We will continue to work with STW to identify flooding hotspots and locations of known sewer capacity issues where risk could be exacerbated by climate change impacts. The town of Newark has been</p>

Table 3.5: Other sources: flooding from sewers	
	<p>identified through the STW AMP6 programme⁵² as a hotspot for sewer capacity issues. A schedule of improvements is planned to help protect properties at risk of flooding in Newark alongside a programme of works addressing flooding issues across the County.</p> <p>STW will prioritise investment for potential flood alleviation schemes depending on the severity and frequency of flooding, but this can only be identified where affected property owners report the incident to the water company.</p>
Supporting documents	Nottinghamshire Preliminary Flood Risk Assessment
Figures	PFRA Figure E (Annex 3)

3.3.3 Reservoir Flooding

Table 3.6: Other sources: flooding from artificial sources (reservoirs)	
Source of Flooding	Artificial sources include any water bodies not covered under other categories and typically include canals, lakes and reservoirs. Canals have been covered separately in table 3.7
Historic Flooding	<p>The County Council own 2 reservoirs;</p> <ul style="list-style-type: none"> • Mill Lakes, located in Lean Valley Country Park, and • Rufford Lake in Rufford Country Park. <p>Additionally there are a number of other large water bodies across the County, including within former colliery spoil tip sites, some of which are undergoing risk designation review by the Environment Agency.</p> <p>There have been no recorded incidents of reservoir flooding within Nottinghamshire.</p>
Future Flood Risk	<p>Reservoir flooding is extremely unlikely to happen. There has been no loss of life in the UK from reservoir flooding since 1925. All large reservoirs must be inspected and supervised by reservoir panel engineers on a yearly basis. As the enforcement authority for the Reservoirs Act 1975 in England, the Environment Agency are responsible for ensuring that reservoirs are inspected regularly and essential safety work is carried out. The NCC Emergency Planning team maintain joint incident plans with the Environment Agency to deal with any emergency.</p> <p>In the unlikely event that a reservoir dam failed, a large volume of water would escape at once and flooding could happen with little or no warning. The Environment Agency's Risk of Flooding from Reservoirs map⁵³ shows the area and depths of flooding and flow velocities that could occur if a large reservoir were to fail and release the water it holds. A large reservoir is one that holds over 25,000 cubic metres of water, equivalent to approximately 10 Olympic</p>

⁵² AMP6 is the current Asset Management Plan period (2015 – 2020) for water companies which they use to drive continual improvements across their service such as improving water quality, reducing leakage and reducing flooding.

⁵³ [Environment Agency Risk of Flooding from Reservoirs, http://watermaps.environment-agency.gov.uk/wiyby/wiyby.aspx?topic=reservoir#x=357683&y=355134&scale=2](http://watermaps.environment-agency.gov.uk/wiyby/wiyby.aspx?topic=reservoir#x=357683&y=355134&scale=2)

sized swimming pools. Since this is a worst case scenario, it's unlikely that any actual flood would be this large.

Smaller reservoirs and ponds, such as those on farms or former mining and industrial sites, are more likely to pose a risk of flooding to the local area. We are working with riparian owners and district and borough councils to identify risks from these features and identify how they can be used for flood management benefits in the future.

Supporting Documents [Environment Agency Risk of Flooding from Reservoirs](#)

3.3.4 Canal Flooding

Table 3.7: Other sources: flooding from artificial sources (canals)

Source of Flooding	Canals that are in cut or follow natural contours are likely to act as conduits for flood waters and may divert floodwaters from one place to another. They can also be used to store water at times of flood and reduce the risk of flooding on rivers. However, flooding from canals can be caused by overtopping from excess water or by a breach or failure from raised canals, particularly where there are large raised embankments formed of 'made' material.
Historic Flooding	<p>Historically, Nottinghamshire built its industry upon a network of navigable waterways, many of which are now used for recreational purposes. Many of the canals in Nottinghamshire interact with watercourses to a greater or lesser extent, for example the River Ryton and Chesterfield Canal at Worksop or the Nottingham and Beeston Canals and the River Trent in Nottingham.</p> <p>Canals in Nottinghamshire include the:</p> <ul style="list-style-type: none"> • Erewash; • Nottingham (Local Nature Reserve); • Beeston; • Grantham; and, • Chesterfield (where the majority of overtopping and breach incidents occur). <p>Historically land next to the Chesterfield Canal has been the most affected by this type of flooding. Many localised flooding incidents on the canal network are also due to acts of vandalism.</p> <p>Records of canal flooding as a result of breach are present at the districts of Bassetlaw, Newark and Sherwood and at the administrative boundary of Rushcliffe. Records of overtopping include the districts of Bassetlaw and Broxtowe.</p>
Future Flooding	<p>The Canals and Rivers Trust (CRT) is a navigation authority and has a responsibility to maintain its waterways but no statutory duty with regards to flood risk management. As LLFA for the County, Nottinghamshire County Council must oversee potential risks and maintain effective dialogue with the CRT over maintenance of assets as well as any relevant riparian owners. The CRT monitors the condition of its assets, which it updates on an annual basis.</p> <p>There is currently no available information on future risks from canals. As canals have various features which allow regulation of flow, the risk of flooding is generally a lot lower</p>

Table 3.7: Other sources: flooding from artificial sources (canals)	
	than natural watercourses. However, incidents from breaches and overtopping are known in the County and risks are likely to be greater where the canal is closely linked to another major river.
Supporting documents	Nottinghamshire Preliminary Flood Risk Assessment Nottinghamshire and Nottingham Level 1 Strategic Flood Risk Assessment Minerals and Waste
Figures	Figure A7a: Historic flooding in Nottinghamshire until 2011

3.4 Current Management of Flood Risk

We are currently undertaking a number of flood risk management schemes in collaboration with other RMAs and stakeholders. These are discussed further in Section 5.2.

3.5 Managing Future Flood Risk

3.5.1 Impacts of Future Climate Change

Climate change can be considered in the context of how future flooding will be influenced, how the County Council can act to mitigate the effects of climate change and how we can adapt to changes in flood risk over time. We are working with Climate East Midlands, which is one of nine regional Climate Change Partnerships. The partnership consists of a number of East Midlands based organisations, including local authorities, working together to coordinate action on the causes and consequences of climate change. They are hosted by East Midlands Councils and cover both mitigation of and adaptation to climate change.

UKCP09 predictions⁵⁴ for the East Midlands

Climate projections are available for the East Midlands for the years 2020, 2050 and 2080. Table 3-1 shows the projections under a medium emissions scenario and taking the 50% probability level.

Table 3-1 UKCP09 Medium emissions projections for the East Midlands

	2020s	2050s	2080s
Mean precipitation %	0.0	0.0	1.0
Summer mean precipitation %	-6.0	-16.0	-20.0
Winter mean precipitation %	5.0	14.0	19.0
Mean temperature summer °C	1.4	2.5	3.5
Mean temperature winter °C	1.3	2.2	3.0

⁵⁴ UKCP09 Website <http://ukclimateprojections.metoffice.gov.uk/21678>

The climate projections indicate that winter rainfall is likely to increase, which may increase the likelihood of flooding. Flooding in the winter is often caused by slow moving frontal systems, which are more likely to trigger flooding on the larger river systems such as the River Trent with potentially associated groundwater flooding and localised surface water flooding where smaller watercourses and sewers cannot outfall due to 'tide locking' on main rivers. However, extreme weather events are not limited to winter months as shown by the 2007 and 2013 flood events. Higher temperatures in summer may trigger more convective thunder storms, which are more likely to cause flooding from surface water and on smaller watercourses due to the increased intensity of the rainfall.

Local Climate Impacts Profile⁵⁵

The County Council has prepared a Local Climate Impacts Profile (LCLIP) (2011) which has looked in detail at the vulnerability of the local authority to extreme weather to inform future policy and strategy and adaptation responses. Flooding in November 2000, July-August 2004, July 2006, June-July 2007 and January 2008 was noted to have had a significant impact on a service area or department of the County Council.

3.5.2 *Changes in Land Management*

Changes in the way that land is managed have the potential to affect flood risk. These are largely affected by the economy, availability of and access to regional, national or international subsidies and payments and environmental initiatives. For example, changes to the payments farmers receive could encourage more intensive agriculture or conversely less intensive production and more environmental stewardship. Mining and quarrying can have a key impact on flood risk. Mines that are being reclaimed and restored have the potential to reduce flood risk in the surrounding areas and quarries in the River Trent floodplain are known to be beneficial for storing excess floodwaters and releasing these gradually over time. Such changes are inherently difficult to forecast, but we will explore this area further at the next stage of the Strategy. Ideally any changes in land management should work with due regard to the natural processes and deliver multiple environmental, social and economic benefits. The investigation and assessment of these impacts will need to be on a catchment scale as has been indicated in the previous section regarding Catchment Based Approach to flood risk and working with natural processes.

⁵⁵ Local Climate Impacts Profile Summary <http://www.climate-em.org.uk/images/uploads/Nottingham-web.pdf>

3.6 Priority Flood Risk Locations

Priority Flood Risk Locations have been identified across Nottinghamshire based on where the greatest numbers of flood events have been recorded during 2012-2015 as well as those with longer records of historical flooding (see Figure A7a and Figure A7b in [Appendix A](#)). The sources of flooding are largely attributed to a combination of surface water and ordinary watercourse flooding, although main river, groundwater and sewer flooding incidents have also been recorded. Information and education relating to how these areas are identified and delineated will be required for an appreciation of aims of the strategy.

The evidence of combined flood sources supports our approach of managing catchments holistically and through a partnership approach. Significant flood alleviation projects are already underway in Southwell and Hucknall, as well as numerous other schemes where we are working in partnership with other local RMAs. These are discussed further in chapter 6.

Table 3-2: Recorded flood incidents from multiple and/or combined sources between January 2012 and February 2015

Location	Recorded incidents ⁵⁶
Southwell	275
Hucknall	106
Lowdham	86
Calverton	47
Mansfield	40
Retford	34
East Bridgford	33
Carlton	32
Thurgarton	29
Newthorpe	28
Sutton in Ashfield	26
West Bridgford	23
Kimberley	22
Arnold	20
Ravenshead	18
Worksop	18

⁵⁶ Number of separate recorded floods from any source held by Nottinghamshire County Council.

4. OBJECTIVES FOR MANAGING LOCAL FLOOD RISK IN NOTTINGHAMSHIRE

Through our partnership work with local RMAs, we have developed a joint vision for flood risk management in Nottinghamshire and our strategy objectives that set out what we would like to achieve.

Our vision for flood risk management

Public sector, private and voluntary organisations are working together with communities to manage flood risk across Nottinghamshire, prioritising the finite resources available to where they will have the greatest impact. This is part of a strategic and proactive approach to reduce and manage flood risk over time.

Actions taken to manage flooding are wide ranging; from influencing the location and form of new development, to emergency response, to maintaining existing and constructing new flood defences. Collective responsibility is sought when solving flooding problems in the County. Flood risk management is considered an integral part of managing the wider water cycle. There is also an investigative role whereby new flooding events develop, existing flooding patterns change due to development and climatic changes, all of which will require research and resource application.

Communities are aware of the risks they face and the roles of different organisations involved in flood risk management; and are encouraged to become more resilient to flooding. The various organisations are held accountable through local Councillors and a joint Strategic Level Flood Risk Management Board involving the key organisations, lead Councillors and local communities. LLFA have a vital role in ensuring all RMA's deliver on their responsibilities,

The Strategy will set out how this will happen and what our targets will be so that we can help make Nottinghamshire a place where people enjoy life, are healthy, safe and prosperous. There should always be acceptance or realisation that there will be occasions where flooding, as a natural phenomenon will occur, despite the best endeavours of the RMAs.

4.1 Guiding Principles for Setting Objectives

National Flood Risk Management Objectives

The [National Flood and Coastal Erosion Risk Management Strategy for England](#) sets out the following national objectives for flood risk management;

- **Understand the risks** – understanding the risks of flooding and coastal erosion, working together to put in place long-term plans to manage these risks and making sure that other plans take account of them,
- **Prevent inappropriate development** – avoiding inappropriate development in areas of flood and coastal erosion risk and being careful to manage land elsewhere to avoid increasing risks,
- **Manage the likelihood of flooding** – building, maintaining and improving flood and coastal erosion management infrastructure and systems to reduce the likelihood of harm to people and damage to the economy, environment and society,
- **Help people to manage their own risk** – increasing public awareness of the risk that remains and engaging with people at risk to encourage them to take action to manage the risks that they face and to make their property more resilient, and
- **Improve flood prediction, warning and post-flood recovery** – improving the detection, forecasting and issue of warnings of flooding, planning for and co-ordinating a rapid response to flood emergencies and promoting faster recovery from flooding.

Guiding Principles for Local Flood Risk Management

The National Strategy strategic aims and objectives are supported by six high-level principles, to guide decisions on risk management activities, and the process by which they are taken, at both a national and local level. We have used these to guide the development of objectives and identification of measures to deliver local flood risk management within Nottinghamshire.

Table 4-1 Guiding Principles for Local Flood Risk Management in Nottinghamshire

Proportionate and risk based approach	Flood risk management activities should be proportionate to the risk that is faced. It is not possible to prevent flooding altogether. To try and do so would be technically unfeasible, environmentally damaging and uneconomical. A risk based approach to managing flooding targets investment to areas where the risk is greatest by examining both the likelihood and consequences of a flood occurring.
A catchment based approach	To manage flood risk effectively, it is important to understand the interactions with the wider area over the entire catchment. This means ensuring that activities are coordinated and that we work closely with neighbouring authorities to ensure that activities do not adversely affect other areas.
Community focus and partnership working	Working closely with communities provides a clearer understanding of the issues and appreciation of the community perspective of flooding. Giving communities a greater say in what activities take place and helping them to manage their own risk will result in better decisions being made and allows greater flexibility in the activities that take place. It is also vital to work in partnership with other authorities to ensure that risk is managed in a coordinated way beyond the boundaries and responsibilities of individual authorities and organisations. Best

	practice techniques are outlined in CIRIA's Communication and engagement in local flood risk management (C751) ⁵⁷
Beneficiaries encouraged to invest	If funding for flood risk management activities relies on central and local government alone, then those activities will be significantly limited by the funds available. They will also be constrained by national controls and reduce the scope for local influence. Those that benefit should therefore be encouraged to invest in order to maximise flood risk management activity and allow innovative solutions to take place.
Sustainability	More sustainable approaches to flood risk management should be sought to consider wider sustainability issues such as the environment, whole-life costs, and the impact of climate change. Wherever possible, solutions to flooding problems should work with natural processes and aim to enhance the environment.
Multiple benefits	Flood risk management solutions can often provide additional social, economic and environmental benefits. For example the use of sustainable drainage systems (SuDS) can reduce the pollution of watercourses by minimising urban storm water runoff. The potential to achieve multiple benefits should be considered in all flood risk management activities.

4.2 Nottinghamshire Local Objectives

Objectives allow us to set targets for managing flood risk so that we can monitor progress as we implement the Strategy. [Appendix D](#) contains details of the plans and studies at a National, Regional, Local and Corporate level that we have considered in developing the Strategy.

We have reviewed the outcomes from the public engagement survey and workshops with RMAs as we have developed our objectives in line with the [National Flood and Coastal Erosion Risk Management Strategy for England](#)⁵⁸ (as outlined in [Section 2](#)) and our corporate priorities ([Appendix D](#)).

Overarching objective: To reduce flood risk to people, properties and critical infrastructure wherever possible, maximise multiple benefits and ensure that the inequalities gap does not widen

⁵⁷ CIRIA Communication and engagement in local flood risk management (C751)

http://www.ciria.org/Resources/Free_publications/c751.aspx

⁵⁸ Environment Agency (2011) National flood and coastal erosion risk management strategic for England

<http://www.environment-agency.gov.uk/research/policy/130073.aspx>

Nottinghamshire Local Strategy Objectives

1. To pursue new solutions, partnerships and alleviation schemes to manage future flood risks and adapt to climate change in Nottinghamshire.
2. To increase levels of awareness and cooperation within local organisations and communities so they can become more resilient to flooding and understand their land drainage responsibilities.
3. To improve delivery of flood risk management by working in partnership across functions and organisations, taking a catchment based approach.
4. To integrate local flood risk management into the planning process and support sustainable growth.
5. To consider the environmental impact of proposed flood risk management measures, maximise opportunities to contribute to the sustainable management of our cultural heritage and landscape and deliver environmental benefits.

5. DELIVERY OF LOCAL FLOOD RISK MANAGEMENT

5.1 Developing measures

Measures to reduce flood risk are more than building flood alleviation schemes and maintaining watercourses and assets; although these are the traditional approaches to reducing risk they are not always the most appropriate solution. Realisation that the limit of economic viability has been reached for a particular scheme or that it is not technically possible to raise flood defences any higher leads to alternative approaches such that improved warning systems and greater resilience to property and business are initiated. Our aim is for communities, businesses and other organisations such as Parish and Town Councils, conservation organisations and RMAs to take collective action to reduce flood risk in Nottinghamshire.

5.2 Current flood risk management

The development and implementation of flood risk management measures is part of day to day work across the County, as outlined in Box 5.1

Box 5.1: Work carried out since 2007

We have carried out extensive work alongside other RMAs since 2007. This includes:

- Spending an additional £600,000 per year on flood risk management, including improvements to road drainage systems and culverts;
- Working with other organisations, especially the Environment Agency, District and Borough Councils and Internal Drainage Boards to take forward flood risk management schemes;
- Working with communities to increase resilience to flooding, with the provision of some community resilience stores and working with communities on Emergency Plans;
- Working with riparian owners to resolve land drainage issues, spending £100,000 a year in high priority areas and consenting to works on Ordinary Watercourses;
- Spatial and emergency planning work.
- Completed flood defence schemes of North Wheatley and East Markham and the Day Brook diversion scheme.
- Early support for potential schemes whereby the schemes are developed to a stage when viability and feasibility can be considered in an engineering solution, and subsequently meaningful consultation with the local communities affected can take place. This has been particularly pertinent to the technical issues related to surface water flooding.

We have developed a suite of 'no regrets' measures, which are actions that the County Council and their partners are currently undertaking and should continue to do so for the greater good

of managing and reducing flood risk in the County. These should be funded by existing revenue and capital grant funding, subject to available funds and resources. These include:

- Water sensitive urban design: considering sustainable drainage (including retrofitting Sustainable Drainage Systems (SuDS)), potable water supply and wastewater;
- Rural land management, including catchment sensitive farming, woodland planting, and considering the links to wider water cycle management;
- Incident management and supporting communities and businesses with preparation and response to and recovery from flooding;
- Managing flood risk through the development process (both planning policy and development management);
- Managing and reducing flood risk wherever possible by applying our new roles and responsibilities e.g. by designating a third party asset known to reduce flood risk;
- Quick win schemes e.g. minor highway works and environmentally led initiatives that have flood risk management benefits (e.g. through projects to deliver Water Framework Directive targets);
- An on-going programme of works, opportunity based at present with a move towards an integrated common programme of schemes and taking a partnership approach wherever possible through the implementation of this Strategy; and,
- Continuing to improve our knowledge about flood risk, assets and drainage matters in the County and sharing our knowledge with others.

5.3 Case studies of flood alleviation work in Nottinghamshire

Flood risk management is being approached across the County with a variety of small and large scale approaches, maximising partnership contributions for the most efficient use of limited resources. The following boxes present some examples of successfully implemented schemes and ongoing work.

Box 5.2: Culvert Improvements in North Wheatley, 2011

A scheme was jointly funded by Nottinghamshire County Council and Bassetlaw District Council to alleviate flood risk to protect the village and school in North Wheatley, which had suffered repeated flooding.



Photo 5.1: Construction in progress of new bridge flows and culvert



Photo 5.2: new culvert functioning during high flows

(Source: Nottinghamshire County Council)

Box 5.3: SuDS Case Study: Retrofitting SuDS in the Day Brook Catchment

Nottingham City Council, Groundwork Greater Nottingham and the Environment Agency have recently worked in partnership to retrofit rain gardens on Ribblesdale Road to slow down and reduce the amount of water reaching the local drainage network and improve local water quality in the Day Brook catchment. These were installed in winter 2012 and preliminary analysis shows they are having a beneficial effect on both surface water flows and water quality.



The County Council is now working with Gedling Borough Council (GBC), Groundworks and the Environment Agency to look at other opportunities for small scale measures in the Day Brook catchment. The Day Brook diversion at Thackeray's Lane Playing Fields is part of the proposed wider SuDS scheme promoted by NCC, Environment Agency, GBC, and STW.



(Photos taken 2014 (Source: Nottingham City Council))

Box 5.4: Hucknall Town Centre Scheme

Nottinghamshire County Council have led and co-ordinated this scheme which has included the investigation and assessment of a number of complex flooding sources. The risk of flooding in Hucknall from Baker Lane Brook (main river) and Titchfield Park Brook (ordinary watercourse) is reported to be due to channel and structural capacity issues, with water flowing over banks and flooding properties and roads in the vicinity of the watercourses. Alongside this, there is also a risk associated with surface water flooding and sewer network flooding, where the capacity of the networks have been exceeded, resulting in surcharge of systems.

Hucknall has suffered from flooding from watercourses (fluvial), overland flow (surface water) and sewers on a regular basis for a number of years, most recently in July 2013 and earlier in July 2007. During these events, Hucknall town centre and Thoresby Dale areas were particularly affected as well as The Titchford Brook catchment at Arden Grove.

The flooding at Thoresby Dale is a combination of surface water flow, main river flooding and sewer flooding, whilst at Arden Grove there is no main river flooding. A major hydraulic study has been carried out for both catchments in Hucknall and schemes are in the process of being developed in partnership with other RMA's to reduce flood risk.

As part of the Hucknall town centre scheme a new flood relief culvert and upstream storage will be incorporated as part of the Hucknall Inner Relief Road project in 2015. Consequently NCC has initiated two complementary schemes to address the issues as part of the current NCC major road improvement scheme in Hucknall Town Centre. The RFCC have approved £336,250 funding over the 2015/16 – 2016/17 financial years to develop a flood alleviation scheme as part of these works which aims to significantly reduce risk of flooding to residents of Hucknall.

Box 5.5: The Sherwood Energy Village: Sustainable development within a United Kingdom coalfield community

Sherwood Energy Village transformed a former colliery in Ollerton into an environmental enterprise comprising industry, housing, recreation and leisure and developed to the highest environmental standards.



All rainfall on site is managed through SuDS (images from June 2007)

Increasing use of SuDS in former colliery sites

Many of the former colliery sites in Nottinghamshire are being investigated for development opportunities and regeneration to meet growing needs in the County. It is recognised that these type of sites present excellent

opportunities to incorporate SuDS. Similar schemes are being developed at Cotgrave and Gedling Colliery sites.

5.4 Delivering our objectives

Keeping people safe and protecting life is always the priority for flood management. Beyond this there are a number of measures that can be taken to manage the risk and impacts of flooding on local communities, businesses, infrastructure, heritage and the environment.

For each of the local flood risk management objectives, potential measures have been identified for further consideration. These have been informed by council staff and RMAs attending workshops throughout the strategy development in addition to outcomes from the online survey undertaken as part of the community engagement exercise described in [Appendix E](#), and consultation with CIRIA's [‘Communication and engagement in local flood risk management \(C751\)’](#)⁵⁷.

5.4.1 *Public priorities for future flood management in Nottinghamshire*

As part of the public engagement survey, people were asked ‘**What are you concerned about most with regards to flood risk management?**’ The top three responses were

1. The effect of new development on flooding
2. Available funding for building flood alleviation schemes
3. Maintenance of watercourses

In response to the question ‘**Keeping people safe and protecting life will always be our top priority. Beyond this, what should be our highest priority when it comes to flood risk management?**’

The majority of people considered that homes should be our next highest priority. This was followed by infrastructure and then amenities. We have taken forward these concerns in the development of our action plan for local flood risk management.

5.4.2 *Identification of Local Flood Risk Measures*

Table 5-1 outlines the measures identified to deliver the local flood risk management objectives for Nottinghamshire and the flood risk management guiding principles that they achieve.

Table 5.1 Nottinghamshire Local Flood Risk Management Objectives and Measures

Objective	Measure to achieve the objective	Guiding Principles
To pursue new solutions, partnerships and alleviation schemes to manage future flood risks and adapt to climate change in Nottinghamshire.	<ul style="list-style-type: none"> • Develop a robust approach to the prioritisation of schemes to manage flood risk • Seek external funding opportunities whenever possible • Collaborate with local stakeholders to achieve common goals • Progress capital schemes identified for flood alleviation • Ensure flood management actions will be adaptable and responsive to future changes in the climate 	<p>Community focus and partnership working</p> <p>Beneficiaries encouraged to invest</p> <p>Proportionate and risk based approach</p>
To increase levels of awareness within local organisations and communities so they can become more resilient to flooding and understand their land drainage responsibilities.	<ul style="list-style-type: none"> • Ensure effective coordination between LRF, emergency planning and highways management / land drainage • Improve sources and avenues of information dissemination to the public • Encourage people to manage their own risk • Develop more online tools and investigate new uses of social media 	<p>Community focus and partnership working</p> <p>Proportionate and risk based approach</p>
To improve delivery of flood risk management by working in partnership across functions and organisations, taking a catchment based approach.	<ul style="list-style-type: none"> • Take an active role in local flood risk management partnerships • Continue to develop our understanding of groundwater risks in Nottinghamshire • Maintain effective linkages with the Isle of Axholme Flood Risk Management Strategy • Pursue joint initiatives with Severn Trent Water ,IDBs and the Environment Agency • Maintain and improve communications with farmers and landowners in rural areas to pursue multi-beneficial schemes • Identify joint benefits of highways and transport schemes 	<p>Community focus and partnership working</p> <p>A catchment based approach</p> <p>Beneficiaries encouraged to invest</p> <p>Multiple benefits</p>
To integrate local flood risk management into the planning process and support sustainable growth.	<ul style="list-style-type: none"> • Encourage and promote the use of SuDS in all new developments and retrofit SuDS wherever possible • Ensure as far as practical, local planning authorities take full account of flood risk in Local Plan policies and allocations, planning applications and supplementary planning documents • Maximise opportunities to integrate flood management with other County functions • Develop a better understanding of drainage maintenance requirements on public property 	<p>Community focus and partnership working</p> <p>Sustainability</p>
To consider the environmental impact of proposed flood risk management measures, maximise opportunities to contribute to the sustainable management of our cultural heritage and landscape and deliver environmental benefits.	<ul style="list-style-type: none"> • Improve connections between blue and green infrastructure⁵⁹ management • Identify improvements for existing and planned scheme development • Investigate how we can 'make space for water' in Nottinghamshire 	<p>Multiple benefits</p> <p>Sustainability</p>

⁵⁹ Blue green infrastructure refers to the 'blue' elements of an environment such as water bodies or drainage and the 'green' elements such as open space, trees or biodiversity

5.5 Taking a Proportionate Risk-based Approach

It is not possible to prevent all flooding, and with limited resources and funding, flood risk management work will need to be prioritised. The approach must be proportionate and risk based as recommended by [The National Flood and Coastal Erosion Risk Management Strategy](#) and should take environmental and other consequences into account.

RMA's may have differing priorities therefore when prioritising *locations* we will need to consider:

- Where is the highest flood risk in terms of investing limited resources to secure maximum benefits? First and foremost to people and life, followed by homes, infrastructure and amenities.

When it comes to prioritising *actions*, such as further investigation, capital works, increased maintenance etc. we will need to consider:

- What will reduce the risk the most to the highest risk receptors and what is affordable? (i.e. conduct a cost benefit analysis of the proposed measures); and,
- What is the potential for funding for flood alleviation schemes?
- Are there multiple sources of flooding? Could we invest with another RMA?

We need to work closely with other RMA's to ensure that an integrated, objective and consistent approach to prioritisation is taken wherever possible. We plan to develop a tool that will enable RMA's to answer these questions. Figure 5-1 shows some of the factors which we plan to incorporate into this tool.

Figure 5-1: Factors to be incorporated into a prioritisation tool



Each measure in this Strategy has been split into a number of actions (as outlined in the Action Plan in [Appendix B](#)). These have been prioritised as High, Moderate or Low based on current understanding of local flood risk and available resources and funding.

5.6 Delivery of the Strategy – The Local Flood Risk Management Action Plan

In order to deliver the overarching aim of the Strategy, a number of objectives have been devised as discussed above. These objectives are further subdivided into measures which are supported by actions (see [Appendix B](#)).

Achieving the actions detailed within the Action Plan depends on the levels of funding available to the County Council and partner organisations. The action plan will be reviewed annually to ensure:

- The effective delivery of local flood risk management objectives in Nottinghamshire;
- The effectiveness of the measures contained within the Local Flood Risk Management Strategy;
- That bids for national and regional funding for flood alleviation can feed into the annual submission process administered by the Environment Agency; and,
- Where necessary, that measures that are proved ineffective or are not delivering value for money can be altered.

The findings of the review will be fed into subsequent versions of the Action Plan which will be a critical document setting out the measures we, our partners and communities should undertake collectively to manage flood risk in the county in the short, medium and long term.

6. FUNDING FOR LOCAL FLOOD RISK MANAGEMENT

The Central Government's funding mechanism for flood risk management schemes is called Flood and Coastal Erosion Risk Management Grant in Aid (FCRM GiA).

The Pitt Review (2008) into the 2007 floods recommended that *'The Government should develop a scheme which allows and encourages local communities to invest in flood risk management measures'*. This approach has been taken forward and in 2011 Defra published their new funding policy on Partnership Funding, which is based on payments for the benefits that a scheme delivers. If this payment for the benefits does not cover the cost of the scheme, then the scheme cost will need to reduce and/ or local contributions will need to be found. The principles of encouraging beneficiaries to invest in flood risk management, delivering multiple benefits and taking a risk based approach are also in the National Flood and Coastal Erosion Risk Management Strategy

RMA's including Nottinghamshire County Council can submit bids for FCRM GiA and schemes are approved by the Trent Regional Flood and Coastal Committee (RFCC)⁶⁰. In order to secure 'other' sources of funding and therefore increase the likelihood of receiving FCRM GiA, County Council Officers have liaised extensively with relevant district Councils, Severn Trent Water, the Environment Agency, local communities and the various IDBs to pull together a programme of schemes for the County.

The proposed schemes will be profiled across the six year implementation period to ensure that programmes are able to be delivered with regards to resources and funding in line with other schemes. The Environment Agency provides River Trent RFCC meeting papers on their website which detail information related to current and future schemes within the Trent RFCC boundary⁶¹.

6.1 Current Funding of Flood Risk Management Projects

Currently, we make decisions on where to invest using information on recent flooding incidents, flood strategy documents, the source of flooding and available resources. Resources vary widely between different organisations, many of which are funded in different ways and have different priorities. For example,

- We have secured a 5 year budget of budget of £600,000 per annum for capital schemes, following the flooding of 2007 and this includes nationally approved funding for large schemes in Hucknall and Southwell. Funding allocation for schemes are approved by the Transport and Highways Committee;
- Bassetlaw District Council has recently delivered a scheme on The Cane in Worksop and jointly promoted the North Wheatley scheme with the County Council. They are investigating schemes in other locations, including Retford, Claborough and North Leverton with Habbleshthorpe and are taking forward a flood prevention scheme which involves the diversion of a water channel in Walkeringham;
- We have recently worked in partnership with Bassetlaw District Council to reduce the risk of flooding in East Markham and North Wheatley and there are ongoing schemes in

⁶⁰ The Regional Flood and Coastal Committee (RFCC) is a committee established by the Environment Agency under the Flood and Water Management Act 2010 that brings together members appointed by Lead Local Flood Authorities (LLFAs) and independent members with relevant experience for 3 purposes; to ensure there are coherent plans for identifying, communicating and managing flood and coastal erosion risks across catchments and shorelines, to encourage efficient, targeted and risk-based investment in flood and coastal erosion risk management that represents value for money and benefits local communities and to provide a link between the Environment Agency, LLFAs, other risk management authorities, and other relevant bodies to build understanding of flood and coastal erosion risks in its area.

⁶¹ <https://www.gov.uk/government/groups/trent-regional-flood-and-coastal-committee>

Wolveringham, (working with Bassetlaw District Council) and in Egmont (working with the Trent Valley IDB);

- Severn Trent Water currently invests so that they can remove properties from their register of flooded properties (the DG5 Register) but are moving away from a reactive and towards a risk based proactive approach;
- The Environment Agency has recently completed a 27km long scheme along the left bank of the River Trent through Nottingham and are currently appraising options to look at flood risk management at North Muskham, Burton Joyce and Trowell. Funding is sought from national and regional funds, as well as external partners such as the County Council; and District Councils and Utilities,
- The Trent Valley IDB are investigating schemes at Egmont and Sutton on Trent. Much like the Environment Agency, funding is sought from national and regional sources.

We have been working in partnership to deliver schemes wherever our partnership will maximise benefit, for example, we delivered the improvements at North Wheatley in partnership with Bassetlaw District Council, acting as designer and contractor and contributed £1million towards the Environment Agency flood defences in Nottingham.

There are a number of factors that will influence what type of capital and revenue investment would be suitable and potential funding sources, including:

- Fragmented asset ownership, relating to the historic ownership of assets by the Coal Authority and former urban and rural District Councils;
- Economic growth, such as the Nottingham and Newark Growth Points and flood risk and drainage infrastructure needs;
- A varied landscape: we have steeply sloping parts of Nottingham, Ashfield and Mansfield with modified urban watercourses and level flood plains with pumped drainage areas within Internal Drainage Districts largely towards the north. Where appropriate, different engineering options would be needed in different places;
- The outcomes that a scheme can deliver e.g. properties and critical infrastructure protected and new habitat created which affect the priority attached to schemes by different organisations and the availability of national and regional funding;
- The direct and indirect beneficiaries of a proposed scheme, such as local communities and businesses and those who represent them, such as local councils and willingness and ability to contribute towards flood alleviation schemes; and,
- The ability to provide multiple benefits through engineering works e.g. in addition to mitigating the flood risk, engineer improvements to biodiversity and/or water quality, which have the ability to attract other funding streams.

6.2 Changes to Investment in Flood Risk Management

In the past, flood defence schemes have often been built as a reactive response to significant flooding and funding decisions have largely been made based on the relative costs and benefits (in terms of damages from flooding avoided) of a scheme. Recently there has been a step change in direction, from the 'all or nothing' situation to a partnership funding approach

The approach of other organisations is also reflecting the changes from the Pitt review and a proactive approach. Severn Trent Water (STW) have a duty to provide, maintain and operate systems of public sewers and works for the purpose of effectually draining their area and they work on 5 year Business Plans, known as Asset Management Plans (AMPs). The outputs of these business plans are negotiated, approved and regulated by OFWAT.

Previous AMPs have seen investment targeting reduction of flooding from sewers, AMP6 (2015-2020) includes the following flooding specific targets:

- A 13% reduction in the number of internal sewer flooding incidents.
- A 6% reduction in the number of external sewer flooding incidents.
- A 200% increase in the number of projects where partnership working with third parties helps reduce flooding

As LLFA we are committed to working with STW and will endeavour to identify partnership projects that will reduce the risk of flooding to residents of Nottinghamshire.”

6.3 Summary of Funding Sources

In partnership with RMAs, we will continue to explore opportunities for funding flood alleviation schemes. The main sources of funding that may contribute to flood risk management activities are detailed in Table 6-1.

Table 6-1: Summary of potential funding sources for flood risk management

Potential Sources of Funding	Description	Administered By:
Local Levy	A levy on local authorities within the boundary of each Regional Flood and Coastal Committee (RFCC). The Local Levy is used to support, with the approval of the committee, flood risk management projects that are not considered to be national priorities and hence do not attract full national funding through the FCRM GiA.	Trent RFCC/ Environment Agency
Private Contributions	Voluntary, but funding from beneficiaries of projects could make contributions from national funding viable. Contributions could be financial or “in kind” e.g. land, volunteer labour or expertise.	Nottinghamshire County Council
Water and Sewerage Company Investment	Investment is heavily regulated by Ofwat but opportunities for contributions to area-wide projects which help to address sewer under-capacity problems.	Severn Trent Water
Community Infrastructure Levy (CIL)	The Community Infrastructure Levy (CIL) allows Local Authorities to raise funds from developers undertaking new building projects within their area of governance. Such funds can be used to mitigate the effects of the development, including flood defences.	Nottinghamshire County Council and Districts
Section 106 Contributions (Town and Country Planning Act)	Section 106 agreements (Town and Country Planning Act 1990) are a mechanism designed to make a development proposal acceptable in planning terms, through the site specific mitigation of impacts from a development.	District and Borough Councils

Potential Sources of Funding	Description	Administered By:
Local Residents / Businesses	Community engagement can be a very effective means of raising awareness of flood risks and management activities in local areas, and promoting a sense of 'helping communities to help themselves' which can result in contributions from private sources, such as local residents and businesses.	Nottinghamshire County Council
Funding for Local Flood Risk Management Responsibilities	The Government has committed funding annually to support LLFAs in their 'new' flood management roles up to 2016. The funding is provided through 'Area Based Grants', which have been allocated by the Department for Environment and Rural Affairs (Defra) based on the individual flood risk each local authority faces. Beyond this period funding commitments are unclear and there are likely to be pressures on further future funding.	Nottinghamshire County Council
Local Flood Risk Management Partners	Local Flood Risk Management Partners, or RMAs, could also be engaged where a scheme can offer mutual benefits	Nottinghamshire County Council
Council Tax	A "ring-fenced" provision within the annual council tax for the specific purpose of addressing flood risk management.	Nottinghamshire County Council
Business Rates Supplements	Agreement from local businesses to raise rates for specified purposes.	District and Borough Councils
Council Capital Funding	The Council's infrastructure programme prioritising capital improvement projects. The Council programme may include funding for drainage capacity improvements for highway drainage systems, for example, but could include a flood scheme, if benefits can be identified.	Nottinghamshire County Council
Council Revenue Funding	The Council has a number of revenue streams to support technical and administrative processes and to maintain council infrastructure. Existing revenue budgets include Highway Drainage Maintenance, Highway Gully Maintenance, Watercourse Maintenance, discharging the Lead Local Flood Authority duties for the Council.	Nottinghamshire County Council
Flood and Coastal Erosion Risk Management Grant in Aid (FCRM GiA)	Central Government funding available for flood (and coastal) risk management projects. The funding mechanism was recently revised to encourage a partnership funding approach. Schemes are not fully funded by central government under this funding scheme and other beneficiaries must contribute towards any scheme.	Environment Agency
Local Enterprise Partnership	The D2N2 LEP submitted a Strategic Economic Plan to Government which included infrastructure schemes which have the potential to deliver economic growth. A number of flood risk management schemes were included in the bid for funding.	Department for Communities and Local Government and LEP Board

6.4 Collaborative Working

Investment in flood alleviation works can be thought of as constructing new assets, replacing failing ones and/ or maintaining those that we already have. A number of bodies are involved in this work:

- Nottinghamshire County Council for surface water, ordinary watercourses and groundwater as the LLFA;

- Nottinghamshire County Council for highways structures as the Highways Authority;
- District/ Borough Councils for ordinary watercourses;
- Internal Drainage Boards for ordinary watercourses within their respective areas;
- Environment Agency for main rivers;
- Water Companies for the sewer network; and,
- Highways England as the Highways Authority for highways structures on motorways and trunk roads.

When it comes to doing works to reduce flood risk, resources are limited and need to be prioritised and targeted to where they can have the greatest effect.

As well as working with RMAs we aim to engage with local communities at the beginning of scheme development to get early buy in. Communities should be engaged in the preferred option selection to empower them and enable them to take ownership and understanding of the scheme in hand. Long term maintenance of schemes should also be discussed with communities including the importance of good maintenance from riparian owners (see Section 2.4.2).

Land and property owners have an important role to play in flood risk management by taking action to protect their own properties and, where they are a riparian owner, in keeping watercourses maintained and flowing without obstruction.

6.5 Considerations for Future Investment

We would like to invest in flood risk management in partnership with others wherever possible. Additionally;

- County Council teams should work together more readily to deliver flood and water management schemes which also deliver multiple benefits and tap into different budgets and funding streams. This approach is mirrored within the EA and discussions to exploit the mutual benefits, such as biodiversity, WFD, and FCRM ambitions, of the approach are to be progressed
- A risk-based, proportionate and more unified approach should be taken by the County Council and the District/Borough Councils of Nottinghamshire to deliver a holistic flood risk management approach across the County, which prioritises finite resources and derives multiple benefits over a wider region.
- We should identify instances where environmental initiatives could be used to deliver improvements to watercourses and adjacent habitats achieving water quality and biodiversity improvements, as well helping to reduce flood risk.
- With regard to the management of all Highways Drainage Assets, the demands these flood management assets make on the County's budget are managed as part of the Highways Infrastructure Asset Management Plan, which includes asset valuation, assessment of degradation and planned replacement.

7. ENVIRONMENTAL IMPACT

7.1 Achieving wider environmental objectives

In delivering the Strategy we have the opportunity to deliver wider benefits beyond those principally associated with flood risk management. Our Strategy aims to compliment a suite of plans, programmes and policies developed by Nottinghamshire County Council and local partners to meet wider environmental objectives. These are outlined in detail in Appendix D and listed in Table 7.1

Table 7-1: Plans, programmes and policy to consider in development of the Strategy to achieve wider environmental objectives

Policy or plan	Scale
EU Water Framework Directive	International
National Flood and Coastal Erosion Risk Management Strategy	National
Catchment Flood Management Plans (CFMPs) including the 'River Trent Catchment Flood Management Plan' (2009)	Regional
Nottinghamshire County Council's Carbon Management Plan (2007) ⁶²	Local
Nottinghamshire County Council's Cultural Strategy for Nottinghamshire 2011 – 2021 ⁶³	Local
Nottinghamshire's Sustainable Community Strategy (2010-2020) ⁶⁴	Local
Waste Core Strategy (2013) ⁶⁵	Local
Nottinghamshire Local Biodiversity Action Plan (BAP) ⁶⁶	Local
Carbon Management Plan – 'Towards Carbon Neutrality' (2007) ⁶⁷	Local
Climate Change Adaptation Action Plan - Climate Change Framework for Action in Nottinghamshire (Nottinghamshire Agenda 21) (2005) ⁶⁸	Local
Nottinghamshire County Council Greenhouse Gas Emissions Report July 2014	Local

⁶² Nottinghamshire County Council's Carbon Management Plan <http://cms.nottinghamshire.gov.uk/carbonmanagementplan.pdf>

⁶³ Nottinghamshire County Council's Cultural Strategy for Nottinghamshire 2011 – 2021

<http://www.nottinghamshire.gov.uk/thecouncil/plans/councilplansandpolicies/policy-library/?EntryId100=162658>

⁶⁴ Nottinghamshire Sustainable Community Strategy <http://www.nottinghamshire.gov.uk/thecouncil/plans/councilplansandpolicies/policy-library/?entryid100=127977&q=0%7eCommunity%7e>

⁶⁵ Waste Core Strategy (2013). <http://www.nottinghamshire.gov.uk/thecouncil/democracy/planning/local-development-framework/wastedevelopmentplandocuments/wastecorestrategy/>

⁶⁶ Nottinghamshire Local Biodiversity Action Plan <http://www.nottsba.org.uk/projects.htm#bap>

⁶⁷ Nottinghamshire Carbon Management Plan (2007). <http://www.nottinghamshire.gov.uk/enjoying/countryside/energy-and-carbon-management/climate-change/>

⁶⁸ <http://cms.nottinghamshire.gov.uk/climate-actionplan.pdf>

7.2 Strategic Environmental Assessment

In accordance with the regulations implementing the European Directive 2001/42/EC 'on the assessment of certain plans and programmes on the environment' (the SEA Directive)⁶⁹, a Strategic Environmental Assessment (SEA) of the Local Flood Risk Management Strategy is required. The purpose of the SEA is to help ensure the environmental consequences of the Strategy are considered in the preparation and adoption of the Strategy with a view to promoting sustainable development. The SEA informs decisions rather than makes decisions and as such has contributed to this Strategy document.

An SEA has been carried out in concert with the Strategy to inform and shape the Strategy objectives. It concludes that the Strategy is unlikely to have any significant adverse effects largely due to the fact that in seeking to improve flood risk, any outcomes of actions are inherently positive. At this strategic level, the specifics of flood schemes are not identified so it is not possible to assess impacts on specific environmental assets but it is likely that the measures and actions planned within the Strategy will lead to a number of significant positive effects on the environment, assets and health and wellbeing,

7.3 Habitats Regulations Assessment

A separate Habitats Regulations Assessment (HRA) Screening Report ⁷⁰ has been undertaken and used to inform the development of the Strategy. This should be referred to in conjunction with the main strategy.

7.4 EU Water Framework Directive

The European Water Framework Directive (WFD) came into force in December 2000 and became part of UK law in December 2003. It aims to introduce a simpler approach to managing the water environment and in particular sets out targets for water quality on designated watercourses. Nottinghamshire's approach to local flood risk management incorporates consideration of impacts of water quality with the aim of delivering a holistic approach to flood and water management across the County which derives multiple benefits.

⁶⁹ SEA Directive (2001) <http://ec.europa.eu/environment/eia/sea-legalcontext.htm>

⁷⁰ URS (2014) Nottinghamshire Local Flood Risk Management Strategy Habitats Regulations Assessment Screening Report

8. STRATEGY MONITORING AND REVIEW

8.1 Monitoring Progress and Success

The Strategy and associated documents such as the Action Plan are live documents and will be monitored to ensure that adequate progress towards Strategy objectives is being made.

Within Nottinghamshire County Council flooding issues fall under the remit of the Transport and Highways Committee and policy issues are scrutinised by the Policy Committee. The Strategy will cover the 5 year period between 2015 and 2020 and the achievement of the strategy will be monitored by the joint Strategic Flood Risk Management Board and reported to relevant County Council Committees. The Action Plan will be reviewed annually.

8.2 Reviewing the Strategy

The Strategy will be formally reviewed at least every six years to ensure that:

- It considers any changes in flood risk and policy conditions, such as a major flood event that leads to a step change in the understanding of flood risk in the County or a change in central government funding policy;
- It considers the effectiveness of the strategy to deliver flood risk management improvements in Nottinghamshire;
- It takes effective consideration of available resources within and available to RMAs;
- Its priorities and focus are still relevant and address the issues in Nottinghamshire, as well as national and regional priorities; and,
- It considers changes in corporate priorities such as those detailed within the Sustainable Community Strategy 2010-2020.

APPENDIX A FIGURES

Figure A1: Risk of flooding from surface water

Figure A2: Critical infrastructure at risk from surface water flooding

Figure A3: Heritage and biodiversity assets at risk from surface water flooding

Figure A4: Risk to agricultural land from surface water flooding

Figure A5: Risk of flooding from groundwater

Figure A6: Disused mine locations and risk of flooding from groundwater

Figure A7a: Historic Flooding records up to 2011

Figure A7b: Historic flooding records 2012 to February 2015

Figure A8: Main rivers and ordinary watercourses

Figure A9: Risk of flooding from main rivers

- APPENDIX B NOTTINGHAMSHIRE LOCAL FLOOD RISK MANAGEMENT
STRATEGY ACTION PLAN**
- APPENDIX C STATUS OF LEGISLATION FOR LOCAL FLOOD RISK MANAGEMENT**
- APPENDIX D NATIONAL, REGIONAL, LOCAL AND CORPORATE STRATEGIES**
- APPENDIX E SUMMARY OF LOCAL ENGAGEMENT SURVEY RESPONSES**
- APPENDIX F PROPERTY COUNTS OF CRITICAL INFRASTRUCTURE AT RISK
FROM SURFACE WATER FLOODING**

01 March 2016**Agenda Item: 9****REPORT OF THE SERVICE DIRECTOR FOR ACCESS AND PUBLIC
PROTECTION****APPROVAL OF THE OFFICIAL FOOD & FEED LAW ENFORCEMENT
SERVICE PLAN FOR 2016/17****Purpose of the Report**

1. To seek approval by the Committee of the Trading Standards and Community Safety Service 2016-17 Food & Feed Law Enforcement Service Plan.

Information and Advice

2. Section 6 of the Food Safety Act 1990, and section 76 of the Agriculture Act, places a duty on this Authority to enforce certain provisions of those Acts in Nottinghamshire regarding food for human consumption and also feeding stuffs for animals. The provisions created by the legislation are known as official food and feed controls.
3. The Food Standards Agency (FSA) has a key role as the central competent authority for overseeing official feed and food controls, and also working closely in partnership with local authorities to help them to deliver the controls. The FSA is therefore pro-active in setting and monitoring standards, coordinating activity, and in auditing local authorities' delivery of official controls, in order to ensure that this activity is effective, risk based, proportionate and consistent.
4. The Trading Standards Service is responsible for food and animal feed standards work on behalf of the Authority, which includes labelling and quality controls. The responsibility for (human) food hygiene controls falls to the District Council's Environmental Health Services. The FSA sees Service Plans as an important part of the process to ensure that national priorities and standards are addressed and delivered locally.
5. The work carried out by Trading Standards on food and animal feed standards has an important role that impacts on both consumers and businesses. The work in advising businesses provides a level playing field in which legitimate businesses can prosper and grow. Sampling, monitoring and responding to complaints also helps to protect both legitimate businesses and consumers from any criminal element that may seek to put products onto the market that are either, not what they state they are, or may be potentially injurious to health

Other Options Considered

6. Non applicable – required by law.

Reason/s for Recommendation/s

7. The Trading Standards & Community Safety Food & Feed Law Enforcement Service Plan for 2015-16 has been reviewed and updated with current data on premise risk bandings and enquiries received. The updated plan which covers 2016-17 is the one attached as an appendix.
8. The FSA places a great deal of importance on ensuring that the Authority's key decision makers are fully engaged in official food and feed controls work. As such, the Trading Standards Service proposed plan for 2016-17 is attached as an appendix to this report for the Committee to consider and approve.

Statutory and Policy Implications

This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

These are detailed in section 4 of the Enforcement Service Plan which is attached and are contained within the budget for Trading Standards.

Implications for Service Users

The Enforcement Service Plan details the work proposed and outlines the need and rationale.

Implications for Sustainability and the Environment

There are no specific implications but the work carried out does help with the sustainability of legitimate businesses.

RECOMMENDATION/S

- 1) That the Committee approves the Authority's 2016-17 Food & Feed Law Enforcement Service Plan as set out in the appendix to this report.

PAUL MCKAY
Service Director, South Nottinghamshire & Public Protection

For any enquiries about this report please contact:

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Group Manager, Trading Standards and Community Safety
Tel: (01623) 452 070
Email: mark.walker@nottsc.gov.uk

Constitutional Comments (SLB 02/02/2015)

9. Community Safety Committee is the appropriate body to consider the content of this report.

Financial Comments (KAS 02/02/16)

10. The financial implications are contained within section 4 of the Enforcement Service Plan and are contained within the existing budget for Trading Standards.

Background Papers and Published Documents

Except for previously published documents, which will be available elsewhere, the documents listed here will be available for inspection in accordance with Section 100D of the Local Government Act 1972.

- 'None'

Electoral Division(s) and Member(s) Affected

- 'All'

***TRADING STANDARDS &
COMMUNITY SAFETY SERVICE***

***FOOD & FEED LAW ENFORCEMENT
SERVICE PLAN 2016-17***

1. SERVICE AIMS & OBJECTIVES

1.1 Aims and Objectives

Our Purpose is to:

To give Nottinghamshire a better Trading Environment

What Matters to our Customers:

Help me solve my problem quickly and stop problems happening to others

Our key strategic aims are:

- ***Tackle the areas of most consumer detriment***
- ***Target the most serious rogue traders***
- ***Protect the most vulnerable consumers***
- ***Help legitimate businesses to trade well***
- ***Tackle the areas compromising consumer safety***
- ***Maintain healthy and disease free livestock***
- ***Seek opportunities to generate income to achieve our overall purpose***

1.2 Links to Corporate Objectives & Plan

In 2011, the County Council underwent a reorganisation in which the Trading Standards Service moved into the newly created Adult Social Care, Health and Public Protection Department. The Service sits in the South Nottinghamshire and Public Protection Division within the Department. The purpose of the Adult Social Care, Health & Public Protection Department is to maximise people's independence, keep people safe and support the wellbeing of vulnerable adults.

In 2012, the Authority moved from a Cabinet to a Committee System in respect of political governance. Food and feeding stuffs work is now the direct responsibility of the Community Safety Committee, reports are provided to it on food and feeding stuffs work as appropriate. The current Committee Chair is Councillor Gilfoyle.

The key policies and drivers for the County Council are set-out in the Corporate Business Plan. Food and Feeding Stuffs activity links to this through the Adult Social Care, Health and Public Protection Business Plan.

2. BACKGROUND

2.1 Profile of Nottinghamshire

Nottinghamshire is a shire county and covers an area of 2,085 sq km (805 sq miles). It has a population of 801,400 people and a workforce of 375,195. The largest concentration of people is found in the Nottingham City conurbation, the suburbs of which lie mostly in the County. The other main towns of the County are Mansfield (105,900), Kirkby-in-Ashfield (27,539) Sutton-in-Ashfield (45,848), Newark-on-Trent (37,084), Worksop (41,820) and Retford (22,023).

About a fifth of the population live outside these areas, mostly in small (under 10,000 population) towns and villages.

2.2 Organisational Structure

See **Annex 1** attached.

2.3 Scope of the Feed and Food Service

Nottinghamshire County Council is part of the two-tier system of local government in the County which divides responsibilities between the County Council and seven District Councils. As part of this division, Food Standards work is the responsibility of the County Council's Trading Standards Service, whilst Food Hygiene work is the responsibility of the District Councils.

The County Council's Trading Standards Service has sole responsibility for carrying out the official controls on animal feeds. These controls cover areas such as storage, transportation, composition, labelling, and contamination.

The Service adopts an intelligence led approach to enforcement in line with our purpose and key strategic aims. We also give a commitment to conduct annual enforcement visits at all of our high risk premises.

Analytical services are provided by an external Public and Agricultural analyst service.

2.4 Demands on the Food and Feed Service

As at the end of January 2016, there were 5794 known registered food businesses in Nottinghamshire, 2 approved feed hygiene premises, and 1695 Feed Hygiene Registered Premises categorised as shown in the table below:

	High Risk	Upper Medium Risk	Lower Medium Risk	Low Risk	Total
Registered Food Businesses	33	170	5123	468	5794

	High Risk	Upper Medium Risk	Lower Medium Risk	Low Risk	Total
Approved Feed Hygiene Premises	n/a	n/a	n/a	2	2
Feed Hygiene Registered Premises	1	22	21	1651	1695

Our Service delivery contacts are as follows:

Trading Standards & Community Safety Service
County House
100 Chesterfield Road South
Mansfield
Nottinghamshire
NG19 7AQ

(Opening hours: Mon-Thurs 8.30am-5.00pm, Friday 8.30am-4.30pm)

Tel: 01623 452005 or 0300 5008080 (Businesses and Enforcement Agencies)
08454 040506 (Citizens Advice Consumer Services for Consumers)

Fax: 01623 452059

Website: www.nottinghamshire.gov.uk

Email: trading.standards@nottscc.gov.uk

2.5 Enforcement Policy

Where we find problems, we will consider all formal action options, including prosecution. All enforcement action is taken in accordance with the Service's documented Enforcement Policy.

3. SERVICE DELIVERY

3.1 Interventions at Food and Feeding Stuffs Premises

In 2016/17 the Service will;

- Carry out programmed inspections in accordance with a risk based approach;
- Conduct an inspection during the year at all food and feed premises rated as *high risk*;
- Verify that the risk rating of other premises is appropriate, by undertaking a sample of inspections to check compliance at low and medium risk rated premises;
- Target businesses as a result of appropriate intelligence from complaints received, local and national food audits, food alerts and advice from the Food Standards Agency (FSA);
- Conduct inspections in accordance with the Code of Practice issued under Section 40 of the Food Safety Act 1990, and the FSA Feed Law Code of Practice; and
- Carry out appropriate revisits to ensure compliance following problems identified in first inspections.

Where difficulties in interpretation of legislation occur, our officers can seek assistance from a number of internal and external sources, as detailed in our procedures relating to food and feed interventions (OP521 and OP527).

The first stage of the Food Information Regulations came into force in December 2014 and has had some impact on the Service, and is likely to have an extensive impact on the Service over the next couple of years. This is due to the staged transitional periods for various requirements, and because it is the most far reaching codification of labelling for some time. We have assisted many businesses to ensure compliance in this area by checking numerous labels and providing advice.

The second stage of the Food Information Regulations come into force in December 2016 in relation to nutritional information, this is going to have some impact on the Service. A range of food businesses may need advice and support in this area.

The County's large manufacturers/importers including a number of our Primary Authority Companies have already sought advice from this Service. In order to ease this impact, the Service will

- Continue to undertake a series of premise specific interventions; and
- Continue to communicate the new requirements regarding loose foods to the retail sector and
- Work closely with Nottinghamshire County Council businesses to ensure they are complying with the new requirements.

Continue to work closely with Environmental Health to agree a collaborative approach to both proactive and reactive work with regard to the new regulations. We have got a joint agreement in place whereby Environmental Health has carried out a number of inspections to address the Food Information Regulations requirements. The aim will be to reduce the burden on business and to avoid duplication in the deployment of resources.

3.2 Food and Feeding Stuffs Complaints

In 2016/17 the Service will;

- Consider complaints as part of the Service's intelligence-led approach to enforcement in line with our purpose and key strategic aims; and
- Where a complaint is regarding foreign bodies or food safety, officers will promptly refer the complaint to the relevant Environmental Health Department.

From April 2015 until January 2016, the Service had received 69 Food Standards complaints, 2 feeding stuffs complaints, 24 Primary Authority Food Standards referrals, 3 Primary Authority feeding stuffs referrals and 48 Trade Enquiries relating to food matters and 9 relating to feed (8 of which were from Primary Authority companies).

Complaints received during 2015/16 have included issues such as allergic reactions to 'allergy free food', false claims such as 'Organic' and 'Sugar Free', incorrect labelling, alcohol authenticity and contamination, out of date food being sold and feed containing substances that may pose to a risk to animal health.

3.3 *Home Authority and Primary Authority Scheme*

The Service no longer offers Home Authority relationships but offers Primary Authority Partnerships.

The Authority currently has entered into Primary Authority Partnerships that cover food matters with 16 businesses, whilst 4 partnerships also cover feeding stuffs.

In 2016/17 we will;

- Request enforcement colleagues to inform us of any issues relating to Nottinghamshire businesses to discharge our duties either as an enforcing authority or to provide basic advice under the Regulator's Compliance Code where appropriate; and
- Inform the originating authority of our actions, and where it is inappropriate for this Authority to take action, will provide relevant information to colleagues to assist them in resolving the matter themselves.

From April 2015 until January 2016 the Service dealt with enquiries from both Primary Authority Companies and other Nottinghamshire based businesses regarding a wide range of technical issues. Issues included allergen advice, labelling advice, due diligence advice and imitation food.

The Service also dealt with enquiries from feed businesses in areas including labelling requirements, and assistance with their feed safety management systems.

3.4 *Advice to Business*

In 2016/17, the Service will:

- Provide Nottinghamshire businesses with free basic legal compliance advice, either verbally, by email or by way of signposting to our web-based business information sheets;
- Confirm verbal advice in a written form; and
- Offer businesses more in-depth bespoke support, charged for on a cost recovery basis.

From April 2015 until January 2016 the Service provided a range of advice to a number of businesses in relation to general food labelling for ready meals, bag in the box cider, sweets and spices. In addition, advice was provided on the labelling of gluten free meals.

3.5 *Feed and Food Sampling*

In 2016/17, the Service will;

- Ensure that all sampling activity is intelligence-led, based on an assessment of most harm, and in line with the Service's purpose and key strategic aims;
- Develop a sampling program aligned with the national priorities on Food and Feed once published by the FSA;
- Follow documented procedure for all food standards and animal feeding stuffs sampling; and
- Continue to source analytical services by the Authority's appointed external Public and Agricultural analyst;

Worcestershire Scientific Services, Worcester WR4 9FA.

In 2015/16, the Service sampled a range of food and feed materials. Some samples were taken following complaints, for example counterfeit alcohol which was tested for brand authenticity, meat which was tested for origin and also to determine whether a claim was true, namely 'Sugar Free'. Other samples were taken during interventions including food past use-by dates.

Samples were also taken following nationally agreed priorities identified by the FSA based on known and emerging intelligence, and based on the national priorities. These included:

- Feed materials were tested for contamination and unauthorised genetically modified substances;
- Compound feeds were tested for carry over of specified substances and medicines;
- Takeaway meals tested for undeclared allergens, non permitted colours and meat species substitution;
- Fruit and vegetables for chlorate and perchlorate levels;
- Minced meat for species;
- Authenticity of honey.

3.6 *Control and Investigation of Outbreaks and Food Related Infectious Disease*

This function is the responsibility of District Councils within Nottinghamshire.

3.7 *Feed/Food Safety Incidents*

In 2016/17, the Service will:

- Follow it's documented procedures for any feed and food safety incidents and feed and food hazard warnings;
- Allocate sufficient resources to effectively deal with such incidents; and
- Take any action in accordance with the relevant Codes of Practice.

The Service receives all appropriate food and feed safety alerts, and action those that directly impact on Nottinghamshire Food and Feed Business Operators.

3.8 *Liaison with Other Organisations*

In 2016-17, the Service will:

- Ensure that enforcement action is consistent with that of its neighbouring authorities; and
- Liaise with a range of organisations to appropriate levels in carrying out its food and feed law enforcement function. These include:
 - **Food Standards Agency;**
 - **Public Analyst - Worcestershire Scientific Services;**
 - **District Authorities' Environmental Health Services;**
 - **Environmental Heath Food Group;**
 - **Trading Standards East Midlands (TSEM), the TSEM Food Group and the TSEM Feed Group;**
 - **Medicines and Healthcare Products Regulatory Agency;**
 - **HM Revenue and Customs;**
 - **Department of Environment, Food and Rural Affairs (DEFRA);**
 - **Veterinary Medicines Directorate;**
 - **Health Protection Agency (East Midlands);**
 - **International Federation of Spirits Producers Ltd (IFSP);**
 - **Animal Health - Egg Inspectorate; and**
 - **Nottinghamshire Police.**

During April 2015 and January 2016 we received intelligence from the Police, Licensing team that a local pub was selling substituted and counterfeit vodka. We carried out a full inspection but found no issues.

During April 2015 and January 2016 we received intelligence from a Port Authority that 24 tonnes of animal feed imported from a third country was contaminated with an unacceptable level of aflatoxins. We worked with the importer and grain store to ensure that it was dealt with and disposed of appropriately to ensure that it did not enter the animal feed chain.

3.9 *Food and Feeding Stuffs Safety and Standards Promotion*

In 2016-17, the Service will:

- Ensure all promotional work supports the intelligence-led approach to enforcement;
- Ensure it effectively raises awareness of key issues;
- Employ a variety of channels, including;
 - Content on our website (information for businesses and consumers etc);
 - Media campaigns and press releases;
 - Use of social networking media;
 - Expansion of our Nottinghamshire web-based Neighbourhood Alert system.

During April 2015 and January 2016 we worked with a local food packer that was claiming to sell organic produce. After investigation we found that the produce being sold was locally grown but not organic. Advice was provided to the trader and all claims were removed.

4. RESOURCES

4.1 *Financial Allocation*

In 2016-17, the Service will:

- Invest approximately £150k in food and feeding stuffs enforcement; and
- Vary this level according to a dynamic analysis of emerging needs during the year.

In 2015-16, a similar investment was made.

4.2 *Staffing Allocation*

In 2016-17, the Service will:

- Authorise its officers for Feed and Food enforcement following a documented procedure, OP520; and
- Bring in appropriately qualified staff from other agencies or authorities to plug any short term staff resource pressures.

The Service currently employs 5.8FTE food & feed qualified officers, 6FTE food only qualified officers and 2FTE feed only qualified officers. These officers are multifunctional and also deal with other areas of trading standards work. The current commitment to food and feed work is equivalent to 2.6 FTE.

The FSA Framework Agreement and Codes of Practice require the Service to inspect all its feed and food premises on a frequency regime that is based on the assessed risk level of the business. Feed premises are now risked using the new National Trading Standards Board modelling which takes into account the nature of the business, their level of compliance and earned recognition.

The current frequencies would mean that

- for food premises all high risk premises are visited every year, upper medium risk premises are inspected every 2 years and the lower medium and low risk premises are inspected every 5 years.
- for feed premises there are similar frequency levels in that for high risk it is every year, upper medium risk every 2 years, lower medium every 3 to 4 years and low risk every 5 years. The frequency can be extended if the premises have earned recognition.

The Service is currently committed to inspecting all high risk premises and to inspect some of the medium and low risk premises but not the number that would be required under the FSA's inspection regime. If the FSA's requirements were to be fully complied with then there would need to be a requirement of 5.4 FTE staff dedicated to this work.

The Service follows an intelligence led approach to its work concentrating on areas that potentially cause most risk to both businesses and consumers within the

community. In order to comply with the current FSA's requirements the County Council would need to invest in an additional qualified staff resource of 2.8FTE.

4.3 Staff Development Plan

In 2016-17, the Service will:

- Undertake an individual assessment of officer's competence against the Food Standards Agency Code of Practice to establish development needs.
- Compile an annual Service Training and Development plan from these needs; and
- Maintain lead specialists for Food and Feed who will be tasked with dynamically identifying training needs arising from legislative or enforcement practices changes.

The Service has a career scheme based around the national Trading Standards Qualification Framework. Officers are supported to complete relevant modules within the framework.

In 2015-16 the Service used its specialist food expertise to support Leicestershire County Council's food work, this is the third year we have undertaken this.

5. QUALITY ASSESSMENT

In 2016-17, the Service will:

- Follow it's documented procedure OP401 to ensure a programme of internal audits of our Food & Feed delivery are undertaken;
- Support the principle of peer review with neighbouring authorities within Trading Standards East Midlands.

6. REVIEW

6.1 Review against the Service Plan

In 2016-17, the Authority will;

- Monitor progress against the plan in accordance with Adult Social Health, Care and Public Protection Department's guidelines;
- Ensure the plan is regularly reviewed by Trading Standards Managers;
- Provide progress updates to the Performance Improvement Team for monitoring at a Departmental Management level; and
- Report food and feeding stuffs matters to the Community Safety Committee as appropriate for political scrutiny.

In 2015-16, information reports were provided as appropriate to Community Safety Committee Meetings outlining relevant food and feeding stuffs work. Copies of these public reports can be viewed at www.nottinghamshire.gov.uk.

6.2 *Identification of any variation from the Service Plan*

In 2016-17, the Service will;

- Identify variations from the plan;
- Analyse the reasons for the variations;
- Develop corrective actions;
- Document these on the Service's Business Action Plan; and
- Review the content of the plan to ensure it continues to meet the needs of our stakeholders.

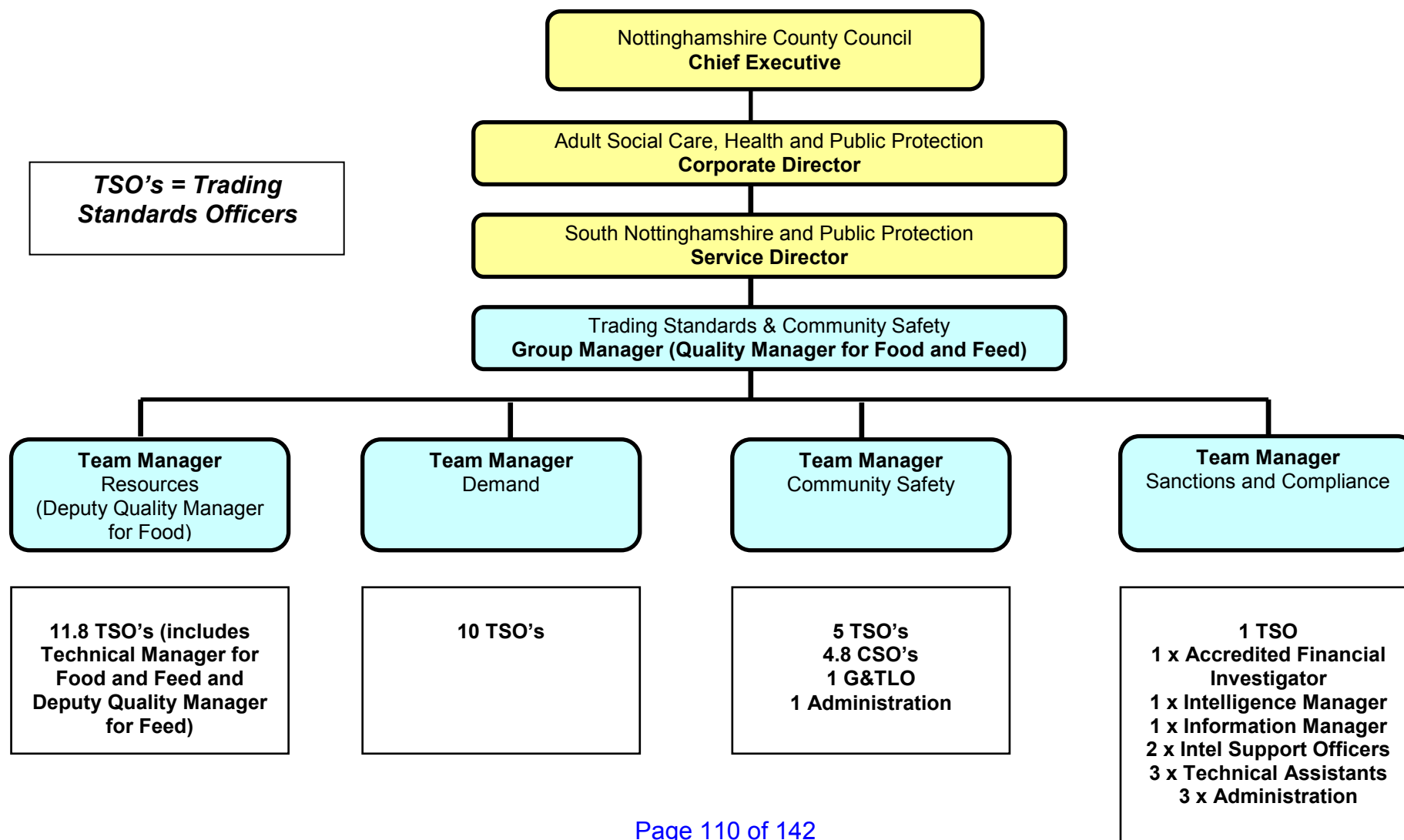
6.3 *Areas of Improvement*

In 2016-17, the Service will;

- Identify areas for improvement; and
- Incorporate in the 2016-17 food and feed law enforcement plan if appropriate, or deal with immediately if required.

Annex 1:

NOTTINGHAMSHIRE TRADING STANDARDS & COMMUNITY SAFETY SERVICE STRUCTURE



March 2016**Agenda Item: 10****REPORT OF THE SERVICE DIRECTOR FOR ACCESS AND PUBLIC
PROTECTION****REVIEW OF FEES AND CHARGES MADE TO BUSINESSES AND OTHER
AUTHORITIES BY THE TRADING STANDARDS AND COMMUNITY SAFETY
SERVICE****Purpose of the Report****1. The purpose of this report:**

- a. To obtain approval for the fees and charges made to businesses and other authorities by the Trading Standards and Community Safety Service for 2016/17 following the annual review

Information and Advice**Metrology Fees**

2. A source of income to the Service is from fees raised from the verification and stamping of weighing and measuring equipment. In 2015/16, the Service is predicted to generate approximately £20 000 from this activity.
3. In the previous years, the National Trading Standards Board (NTSB) and the Association of Chief Trading Standards Officers have issued national guidelines to Authorities with a model on how to determine charges for such services. The principles from the national model have been used previously to determine hourly charges, and have been increased by 3.5% this year (rounded to the nearest £1) to account for an increase in staffing and equipment costs.
4. On this basis, it is therefore proposed that the rates for 2016-17 are as follows:
 - Weights & Measures Inspector: increase from £68.50 to £71.00 per hour, and
 - Technical Assistant: increase from £38 to £39 per hour.
5. The hourly rate will vary depending upon the circumstances under which the services are delivered, for example tests to be carried out on weekends and bank holidays. These variations are contained in the Appendix attached.

6. The proposals incorporate (at point 6 of the Appendix) the discretionary powers to vary fees under certain circumstances as agreed by the Public Protection Committee at its meeting on 27th November 1996.

Charges for Services Provided to External Enforcement Bodies

7. E-Crime expertise, Intelligence, & Proceeds of Crime Financial Investigations: The Service currently has a single Trading Standards Officers trained up as E-Crime specialists. We are in a position to provide this specialist E Crime support to other authorities in the region who lack this expertise.
8. The Service has its own Intelligence Manager who has access to specialist databases for the analysis of intelligence. This Service can be provided to other enforcement bodies who do not have such expertise.
9. The Service currently has an accredited financial investigator (AFI) who can undertake financial investigations and provide the mentoring legally required by individuals training to be financial investigators. The Government incentivisation scheme provisions made under Proceeds of Crime Act (POCA) legislation means that Trading Standards authorities and other law enforcement agencies are able to get back a proportion of assets confiscated from criminals. The Service is in a position to provide financial investigation support to other authorities in the region who lack access to a financial investigation capability subject to having available capacity.
10. The income received from other enforcement bodies using the above services, is estimated to bring in approximately £7k during 2014/15. It is proposed that the current rate of £61.50 per officer hour for the above services and the mentoring of trainee financial investigators is increased to £64.00 to account for the increase in staffing costs.
11. Where there is a realistic prospect of receiving any incentivisation under POCA, it is proposed a charge is made of £44 per officer hour (increased from £42), plus an agreed proportion of the incentivisation from monies recovered, as agreed on a case-by-case basis by the Group Manager, Trading Standards and Community Safety
12. Charges for Other Services Provided to External Bodies: The Service also receives requests to deliver one-off projects, for example a programme of inspections. Because of the one-off/specialist nature of these approaches, and that they often bring other tangible benefits to the authority, it is proposed that in line with 2015-16 arrangements the fee to be charged should be agreed by the Group Manager, Trading Standards and Community Safety on a case-by-case basis.
13. It is further proposed that that any fee agreed in such a way should not be below a rate equivalent to full cost recovery of the direct staff time spent delivering the activity.

Charges for Primary Authority Work and Business Advice

14. For many years, the Trading Standards Service has provided high quality advice and support to Nottinghamshire-based businesses, over and above that the authority was required to do by statute. For many years, this was delivered for free.
15. From 1st April 2011, the authority changed its policy and began to levy charges for business advice and support on a cost recovery basis. It withdrew from Home Authority relationships, where free support was offered, and moved to statutory based Primary Authority Partnerships. The changes were the subject of Cabinet decision (resolution number CA/2011/00003).
16. Where businesses do not wish to enter into formal Primary Authority arrangements, the costs for any ad-hoc advice or support delivered in excess of the statutory minimum is also now recovered by making a charge.
17. Primary Authority Partnerships: There are currently 27 businesses that have entered into Primary Authority Partnerships with the Service. These partnerships are tailored to the individual business' needs - Trading Standards offers a wide range of support including the provision of detailed compliance advice, the approval of internal systems, monitoring of consumer complaints, staff training or other bespoke support requested.
18. Assured advice given to those businesses and followed within such a relationship is binding on other Local Authorities, providing the certainty that businesses need to trade efficiently and effectively across local authority boundaries.
19. Based on this year's contracted support hours, the cost recovered for 2016/17 using the current charging model is £61,000.
20. The current approach involves agreeing the level of support required for the upcoming 12 month period with the business at the start of the year. This benefits the businesses in that they are assured an annual commitment of officer resource, and also enables the Service to plan its resources and manage budgets more effectively.
21. The Service has been exploring how to cultivate long-term relationships with more businesses in order to support economic growth. Entering into Primary Authority arrangements is a key way to achieve this. The Service has grown the number of Primary Authority arrangements over the year to 27 with more businesses in discussion about entering in to partnerships. Primary Authority is seen as a key way of helping businesses to grow and so the Service will be looking to put more resource into encouraging businesses both inside and outside the county to develop Primary Authority Partnerships with Nottinghamshire Trading Standards.
22. Other Business Advice: During 2015/16 the Service has received £666 for business support from those Nottinghamshire-based businesses that do not have a Primary Authority Partnership but that have requested ad-hoc advice. This has been charged at an hourly rate of £77 per hour. The businesses using this service are generally smaller than those in Primary Authority and costs are more sensitive, possibly indicated by the low levels of income received. It is therefore proposed to leave these charges at the current levels during 2016-17

23. It is proposed from the 1st April 2016 to apply an increase in the charges to Primary Authority Partnerships to account for the increase in staffing costs by:

- Increasing the current hourly rate charged for Primary Authority Partnerships, from £61.50 to £64.00; and
- Continuing the current hourly rate for ad-hoc business support at £77.

Other Options Considered

24. Maintaining current charges or increasing by more than proposed.

Reason/s for Recommendation/s

25. There was no increase in two out of the last three years, in the fees charged to other authorities or businesses who receive business support either through Primary Authority Partnerships or on an ad-hoc basis. There is therefore a need to continue increase the fees in order to help cover the increased costs in 2016/17.

Statutory and Policy Implications

This report has been compiled after consideration of implications in respect of finance, equal opportunities, human resources, crime and disorder, human rights, the safeguarding of children, sustainability and the environment and those using the service and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

The fee increases are in line with National Increase set last year and will help to cover increased costs in 2016/17.

RECOMMENDATION/S

That the committee approves the fees and charges proposed in this report and in the attached appendix, to be charged by the Trading Standards Service from 1st April 2016.

PAUL MCKAY

Service Director, Access and Public Protection

For any enquiries about this report please contact:

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Constitutional Comments (SMG 22/02/2016)

27. The proposals in this report fall within the remit of this Committee.

Financial Comments (MM 17/02/15)

28. The financial implications are contained within the body of the report.

Background Papers and Published Documents

- 'None'

Electoral Division(s) and Member(s) Affected

- 'All'

APPENDIX

Metrology Fees:

Charges from 1 April 2016 to 31 March 2017 Weights and Measures Act 1985

The rates for 2016-17 are as follows:

- Weights & Measures Inspector: £71.00 per hour,
 - Technical Assistant: increase £39 per hour
-
1. Where at the request of the submitter, any test carried is out on a Saturday, or on a weekday outside the hours of 8.30am-5.00pm (other than a bank holiday) then the hourly rate is increased by 50%.
 2. Where at the request of the submitter, any test is carried out on a Sunday or bank holiday then the hourly rate is increased by 100%.
 3. Where at the request of the submitter, any test is carried out throughout a weekend, i.e. both Saturday and Sunday, then the hourly rate is increased by 75%.
 4. Where the Local Authority has to provide test weights and an associated unit, this cost will be charged in addition to the hourly rate.
 5. Where a request is made for attendance on site for the purposes of testing equipment and on arrival at the site the equipment is not ready for test and is therefore withdrawn from submission, a fee equal to 100% of the appropriate hourly rate plus travelling time to and return from the site will be charged.
 6. The hourly rates included in this report are those which will normally be charged for the submission of items of equipment. The Service Director and nominated representatives have the power delegated to them to vary the fees charged provided that any such variation still ensures full cost recovery.
 7. HM Customs and Excise have concluded that fees may be subject to VAT.
 8. Local Government Association guidance has been that until such time as the Legislation Reform Order comes into effect, reverifications after adjustment are VAT exempt, whereas other verification work is subject to VAT.
 9. VAT is not chargeable on any work completed under the Measuring Instruments (EEC requirements) Regulations 1988.

1st March 2016**Agenda Item: 11**

REPORT OF THE CORPORATE DIRECTOR OF PLACE

UPDATE ON THE WORK OF THE COMMUNITY AND VOLUNTARY SECTOR TEAM

Purpose of the Report

1. To update members of the Community Safety Committee on the work of the Community and Voluntary Sector Team.

Information and Advice

2. The priorities of the team have been identified as working in partnership with the voluntary and community sector:
 - to improve preventative and core services that help strengthen the local community;
 - to streamline the corporate grant aid process and
 - to promote localism by working with communities to increase community involvement in the way services are shaped and delivered.
3. A key strategic priority for the Council is to ensure that Nottinghamshire has strong communities that are safe and thriving. The reality of the challenges faced means that the Council of the future will be different in the way it is shaped, organised and how services are delivered. The Council is committed to working in partnership with local communities, voluntary groups and volunteers to provide services.
4. Work being undertaken by the team seeks to support ways to develop and strengthen engagement with communities, moving towards a changed landscape of local services with new and innovative models being implemented. The contribution made to improving public services and well-being in Nottinghamshire by communities and the voluntary sector is recognised and supported through both an extensive grant aid programme and direct hands-on support from Community Officers.
5. Over recent years economic circumstances have drastically changed how organisations are funded with the result that only well organised third sector groups can thrive and provide a valuable contribution to the local community. Only by being robustly established and equipped to respond to new challenges can the wealth of voluntary sector organisations across the County maximise the positive impact that they have on local communities.

Working with Communities

6. The work of the Community and Voluntary Sector Team underpins the Council's commitment to building on its reputation of working in partnership with the community and voluntary sector to help build local capacity. The range and scope of activities which members and officers are involved in seek to help to drive programmes with communities to deliver local solutions and move towards providing services in a different way.
7. The Council has several important roles to play in supporting communities to:
 - Build a strong sense of community, capacity and pride through collaborative partnerships.
 - Engage in the planning and delivery of services.
 - Generate and sustain their own capacity to respond to the challenges which Nottinghamshire faces.
8. Building confident and stronger communities is especially important within the current climate and the Team has been working with different communities across Nottinghamshire to help support local activities. These activities bring individuals together to celebrate the uniqueness of localities by helping to encourage and empower communities to take ownership and pride in the places they live and the people they live with. Examples of this include:

Working with Gunthorpe Riverside Trust [GRT]

- Set up in March 2014 and is a volunteer led subcommittee of Gunthorpe Parish Council in the district of Newark and Sherwood. GRT manage and maintain 11 acres of riverside scrub land and green space, west of Gunthorpe Bridge, and north of the River Trent, including the bridleway under the bridge and adjoining water ski area in front of the Unicorn Hotel, a total of 800m of riverside frontage. An officer from the C&VS Team has provided support in seeking and developing a funding bid to the Tesco - Bags of Help - Grant Scheme in November 2015.
- If successful the project will mean that volunteers will realign and improve a section of the bridleway by removing tarmacked areas and re grassing and planting natural flora. They will also replace boundary fencing, stabilise parts of the eroded riverbank, and restore fishing pegs. Security gates for horse riders and cyclists will be installed at both ends of the bridleway to prohibit unauthorised motor vehicles.
- Local school children will take part in the planting of an avenue of native trees alongside the river Trent as part of a living memorial dedicated to local men and women from Gunthorpe who lost their lives during the Great War. The main programme will take effect from 1 April 2016 subject to the outcome of the public vote and subsequent award. The planned planting of a memorial avenue of native trees by local school children will take place on Saturday 20 February, start 11am.

Promoting Community Cohesion

- Working with The Forces Bike shed project which is a volunteer run initiative based in Chetwynd Barracks, Chilwell. The project provides serving and veteran members of the Armed Forces, their families and the local civilian population an

opportunity to gain experience, develop transferable skills and broaden their knowledge in the refurbishment, restoration and general maintenance of motorcycles. It seeks to improve the lives of those who may be struggling through injury or illness during service or the transition from military to civilian life. A Community Officer has been working with volunteers to encourage a cohort of young people from Stapleford, supported by the local Youth Worker, to join the Bike shed project and take part in six, two hours sessions.

- Young people will learn basic motorcycle mechanics and gain experience working with tools. Young people will also work alongside those from the Armed forces who may be struggling with illness or injury. It is hoped that by working together and sharing experiences it will support the forces personnel through their pathway to recovery, and create greater understanding from all sides.
- The project will also provide an opportunity for young people wishing to start a career in mechanical type jobs and motor courses for college options to work. The project also fulfils both Chetwynd Barracks and NCC's commitment to the 'Armed Forces Covenant' by improving local links.
- Working with partners in Netherfield to support community integration as a key target for 2016. The aim is to explore service provision and engagement opportunities to address; social integration, language issues, anti-social behaviour. Activities will encourage the sharing of experiences incorporating cultural exchanges, language, food, music, iconic figures and national identity. Residents will be encouraged to attend a community event inside the St George's Centre – Netherfield so that a consultation can take place and where residents can sign up to courses
- The aims are to support agencies and services to design and deliver a pathway to education or employment or both, strengthen community relations, underline positive actions and promote social cohesion alongside reducing mistrust and anti-social behaviour.

9. Through the Community & Voluntary Sector Team, the Council is working with the voluntary and community sector to engage them in the planning and delivery of services by helping to build capacity and confidence to drive improvements in quality of life, influence decisions which affect them and consider their role in the delivery of services. This includes:

Working with and supporting Bellamy Estate residents

- Supporting residents to get lockable bollards at both ends of Old Newark Road installed on the Estate. There has been a long standing history of Fly Tipping down the lane as it is completely out of site. Unfortunately within a week of putting in these new bollards (at some considerable cost) one of the bollards was rammed by a vehicle and damaged. The fly tippers have now decided to go round the outside of the bollards and access the lane using the banking.
- Working jointly with an MDC Enforcement Officer, a Community Officer has encouraged Severn Trent Water who are working in the area laying down new sewerage drains for the new housing estate in the area to provide two sewerage rings and fill them with rubble free of charge for the community

Harworth and Bircotes Boxing Centre.

- The team is supporting the fundraising ambitions of this project – the aim being to complete the refurbishment works to an existing building to provide a 'centre of excellence' in the heart of a local community. Currently space is limited there are poor changing facilities and no showers. The project will provide an up to date facility which will promote health and wellbeing for all who take part – over 30 young people. Expected outcomes include improved fitness levels, confidence building, increase employability and decrease the likelihood of involvement in criminal activity and anti-social behaviour. Sir John Peace recently visited the centre and has expressed support for the project.

Manton Community Garden

- Supporting the development of this community initiative, the team has provided new publicity with the aim of promoting the project and attracting volunteers. The community volunteers are now considering funding options to allow further work to go ahead on the site and improve the facilities and communal areas. Work to continue into Spring/Summer 2016.

Other Options Considered

10. The report sets out how the Council priorities are being addressed.

Reason/s for Recommendation/s

11. To inform Members of Community Safety Committee of work undertaken to support the community and voluntary sector in Nottinghamshire

Statutory and Policy Implications

12. This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

RECOMMENDATION/S

13. To note the work undertaken by the Community and Voluntary Sector Team

Tim Gregory
Corporate Director, Place

For any enquiries about this report please contact:

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Community and Voluntary Sector Team Manager

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Constitutional Comments [LM11/02/16]

This report is for noting only

Financial Comments (SES 09/02/16)

There are no specific financial implications arising directly from this report.

Background Papers and Published Documents

Except for previously published documents, which will be available elsewhere, the documents listed here will be available for inspection in accordance with Section 100D of the Local Government Act 1972.

- 'None'

Electoral Division(s) and Member(s) Affected

- All

1st March 2016**Agenda Item: 12****REPORT OF THE SERVICE DIRECTOR SOUTH NOTTINGHAMSHIRE AND
PUBLIC PROTECTION.****UPDATE ON KEY TRADING STANDARDS MATTERS****Purpose of the Report**

1. To update the Committee on key Trading Standards matters.

Information and Advice

2. **Hover boards** – As the Committee will recall, the Christmas 2015 toy of choice was the hover board, designed to imitate the one featured in the “Back to the Future” films. The boards don’t hover, but are powered skateboards, where the user shifts weight to determine direction and speed. They are more accurately referred to as balance boards.
3. To meet demand, huge numbers have been imported over recent months, mostly from China. Unfortunately, many have been found to be poorly constructed, with many untested items finding their way through onto UK streets. Many have been found to have unsafe battery and charger combinations, and there have been a number of unfortunate reports across the country of explosions and house fires caused by them.
4. Members will recall that the Service co-ordinated it’s media release around Christmas toy safety to complement the extensive national coverage regarding unsafe hover boards. Officers provided TV and radio interviews to the local media, helping alert residents to the potential dangers.
5. As a result, some consumers approached the Service for advice on what to do with boards purchased but no longer wanted amid the safety fears. Further, a number of sellers were then identified within Nottinghamshire. These included a mixture of high street shops set up specifically for the purpose of selling the boards, pre-existing businesses adding them to their high street and web-site range, and also opportunistic individuals importing them and selling via social media and other internet selling sites.
6. 12 sellers (or alleged sellers) have so far been visited by our officers. All of the sellers have been unable to provide documentation to satisfy officers that their stock has been manufactured and tested to all current safety standards, and were therefore suspected as being unsafe. 5 suspension notices have been issued to stop suspected boards from being sold until they are either deemed to be safe, or a Court orders them to be destroyed.

3 entry warrants on premises have been executed, while 30 boards have been seized and 9 boards have so far been sent for safety testing.

7. At a national level, the National Trading Standards Safety at Ports project is also currently collating feedback from all authorities concerned to build a national picture of issue and identify learning points
8. **Safeguarding the Vulnerable** – the Service continues to intervene to protect our more vulnerable residents:
 - Officers have attended START (Short Term Assessment and Re-ablement Team) team meetings to raise awareness of the work of the service to protect the vulnerable. The training sessions primarily focussed on raising understanding of mass marketing scams and doorstep crime. Each session was followed up with an email containing useful information, including links to various factsheets, neighbourhood alert and other useful websites. The training was well received by START staff.
 - Officers continue to work with partners to deploy a range of interventions designed to tackle the loneliness driving the behaviours of 95 year old scam victim, including the police and social care colleagues to help a lonely isolated 95 year old resident who is believed to have lost over £15,000 to mass marketing scams. Medical treatment has improved his hearing and vision impairments which added to his isolation. Trading Standards have provided support to prevent him falling victim to future scams. He has also been referred for further support from the county council's Adult Deaf and Visually Impaired Service. Bassetlaw Action Centre have offered further support with his finances and sorting his post. As a result of the interventions he is less isolated and able to re-join his local choir using community transport.
 - An officer recently attended a 'winter warmer' event in Mansfield Woodhouse to raise awareness of relevant Trading Standards matters, in particular scams and doorstep crime, amongst the older adults in the audience. The event was attended by numerous agencies and was well received.
 - An officer recently secured a £400 refund for a vulnerable couple and their vulnerable daughter. They had entered into a contract which they did not understand, and which was not fulfilled by the company in question, even though funds were taken several months ago. The officer is now working with social workers to get quotes in order for the work to be completed.
9. **Railweigher Verification** – The Service recently undertook the re-verification of the inline railweigher system at West Burton power station, following upgrades to the railway line. The Service is one of the few in the Country that has approved status for verifying in line railweight systems. These systems weigh the coal wagons of a train as it moves slowly over electronic weighbridges that are built into the track.
10. The weighbridges weigh the wagons with the full load of coal, and then again when they are empty having deposited their load automatically into hoppers. The system then calculates the net load that has been deposited for use at the power station. The accuracy

of the weighbridges is strictly governed, which is vitally important in controlling costs, as the power station will use in excess of 6 million tonnes of coal a year.

11. **Food Standards Inspections in Leicestershire** – Over the past two years, we have been asked by Leicestershire Trading Standards to carry out some of that Authority's Food Standards visits. Trading Standards as a profession works collaboratively both nationally and on a regional basis. This can provide great benefits where there is a shortage of qualified staff for whatever reason.
12. The work that we have done for Leicestershire in the past has clearly demonstrated the expertise that we have in the area of food work and once again this year they requested our Service to carry out some of their food work that they had programmed for the year. There was an initial agreement to perform a number of inspections but having found that due to unforeseen circumstances they would be unable to meet their work program they have requested us to carry out some additional inspections. This work has also helped to bring in some income to the authority.
13. **Illicit tobacco** – Following a number of highly successful operations to tackle the sale of illicit tobacco, sellers are become increasing wary and are changing their tactics. Trading Standards continue to respond to this, and have recently employed a different approach. This has had immediate success, including one shop that was taking cigarette orders by telephone and then fulfilling them from a car parked outside. Officers were also able to significantly speed up the prosecution time, with offenders appearing in court within 12 hours of their arrest for the offence.
14. Action to tacking the illicit supply chain at a higher level led to a significant success in January. Investigations identified a storage unit where officers recovered over 150,000 illicit cigarettes, and over 18kg of pouched tobacco. Further investigations are underway which are anticipated to lead to a prosecution of the individual concerned. We will keep the Committee updated on progress.
15. Biedronka of Outram Street, Sutton-in-Ashfield was the first shop in Nottinghamshire to have its alcohol licence revoked in August 2015 because of illicit tobacco being sold from the premises. Ashfield District Council revoked the licence after the shopkeeper Edris Abdoula-Zadeh was sentenced at Nottingham Crown Court to nine months imprisonment for nine charges relating to the supply of illicit tobacco.
16. The crown court case related to a visit to the premises in June 2015 when illicit tobacco was found hidden in the premises and in two vehicles belonging to Mr Abdoula-Zadeh, who was managing the shop that day. A black book recovered from one of the vehicles contained a list of illicit cigarette sales totalling £8,128. Officers also visited a storage premises in Kirkby-in-Ashfield, rented by Mr Abdoula-Zadeh, and recovered 1,475 packets of illicit cigarettes. Many of the cigarettes seized were tested and found to be of a type unable to self-extinguish – therefore posing a fire risk. A Proceeds of Crime hearing is listed for 29th March 2016.
17. Ashfield District Council initially decided to revoke the shop's alcohol licence in August, due to the pattern of criminal behaviour stemming from the premises. The licence review followed several visits dating from April 2014 when illicit tobacco was found hidden at the premises. During this time period, out of date packs of cooked meats with the price labels

over the use by date were also found by Ashfield District Council's Environmental Health. When the stickers were peeled back, the food was 11 and 14 days past its use by date. Mr Abdoula-Zadeh originally appealed against the decision, but recently decided to withdraw his appeal and surrender his licence after his crown court conviction.

18. **Legal Action Update** – Members will recall that eight defendants pleaded guilty in June to a number of charges under the Fraud Act 2006, the Companies Act 2006 and the Legal Service Act 2007. The eight were found to be mis-selling trust documents to older and vulnerable adults, and the three main defendants were given substantial prison sentences. Five others received suspended prison sentences and unpaid work orders. A Proceeds of Crime hearing was listed for the 28th September 2015, but has now been put back, and a date is still to be confirmed.
19. Two defendants appeared in the Mansfield Magistrates Court on the 9th December 2015, from the retail premises Sunstar Mini Market, Mansfield. They were charged with the possession of illicit and dangerous cigarettes. Luqman Ahmid and Anna Janiszewska both pleaded guilty, they were fined £60 each and ordered to pay £200 prosecution costs each.
20. Elias Nuqul of Jacks Home Discount Store, Mapperley appeared in the Nottingham Magistrates Court on the 19th November 2015, charged with the possession of illicit and dangerous cigarettes. He pleaded guilty to the offences and was sentenced on the 11th December 2015. He was fined £180 and he was also given a curfew order for 4 months and ordered to pay £500 towards prosecution costs.
21. Aske Omer of the retail premises Robert Bower, Stapleford first appeared in the Nottingham Magistrates court on the 26th November 2015. He was charged with the possession of illicit and unsafe cigarettes. On the 11th December 2015 he pleaded guilty to the charges and was ordered to pay an £80 fine and £600 prosecution costs.
22. Three defendants, from the Famous Shop, Eastwood appeared in the Nottingham Magistrates Court on the 15th December 2015. They were charged with the possession of illicit and dangerous cigarettes. Baba Mirza, Azad Abdula and Amir Ihmada all pleaded guilty to the charges. Mr Ihmada was fined £360 with £333 prosecution costs. Mr Abdula was fined £515 with £333 prosecution costs and Mr Mirza was fined £240 with £333 prosecution costs.
23. On the 17th December 2015 Ms Laura Banuzeviciute from Sunstar Mini market Mansfield pleaded guilty to charges of possession of counterfeit and dangerous cigarettes. She was fined £200 with £100 prosecution costs.
24. Paul and Peter Dye appeared in the Nottingham Crown court on the 25th August 2015. They pleaded guilty to the sale of illicit tobacco in shops at Stapleford and Netherfield on two separate occasions. Peter Dye was sentenced to 12 months in prison and Paul Dye to 2 years in prison. On 22nd December 2015, a Confiscation Order was granted in relation to Mr Paul Dye. It was declared that Paul Dye had benefited from his criminality amounting to £42,943, and he was ordered to pay £11,000 within 28 days, or face a default prison sentence of 8 months. Peter Dye will be dealt with at a later time, the date of which is still to be confirmed.

25. Elita Zvingue of Saulite, Mansfield, appeared in the Mansfield Magistrates court on the 7th January 2016 charged with the possession of dangerous and counterfeit cigarettes. She pleaded guilty to the charges and was given 8 weeks custody suspended for 12 months, with £700 of prosecution costs to pay.
26. Bistan Ali of Sunstar Mini market, Mansfield appeared in the Mansfield Magistrates court on the 13th January 2016 he was charged with the possession of dangerous and counterfeit cigarettes. He has pleaded not guilty to the charges and is listed for trial on the 31st March 2016. A Mr Rahim and a Mr Ahmed from the same premises also appeared Mansfield Magistrates court on the 21st January 2016 for similar offences at the same premises. Mr Rahims case has been adjourned until the 18th February 2016 and Mr Ahmed pleaded guilty to the charges. He was given a conditional discharge.
27. On the 14th January 2016, Dana Kumal and Sardar Rassul appeared in the Mansfield Magistrates court charged with the possession of dangerous and counterfeit cigarettes. They are from the retail premises Outram General Stores at Sutton in Ashfield. Kumal was fined £165 with £50 prosecution costs and Rassul was given 120 hours unpaid work and £100 costs.
28. Omed Latif of Bierdronka Max, Sutton in Ashfield pleaded not guilty to offences of possession of illicit and unsafe cigarettes on the 12th November 2015. He subsequently changed his plea to guilty on the morning of the trial, 26th January 2016, and was given 100 hours of unpaid work and ordered to pay costs of £1600.
29. Mr Zada and Mr Zadeh from Biedronka at Sutton in Ashfield appeared in the Mansfield Magistrates court initially on the 21st August. They were charged with sale and possession of illicit cigarettes and tobacco. Mr Zada pleaded guilty on the 8th September 2015 and was given 60 hours unpaid work.
30. On the 2nd February 2016 Mr Hosmand Zada from Biedronka in Sutton in Ashfield appeared again in the Mansfield Magistrates court, he was charged with the possession for supply of dangerous cigarettes, they would not self-extinguish if left unattended. He pleaded guilty to the charges and is due to be sentenced on the 23rd February 2016.
31. Mr Zadeh was sent to the Crown Court and appeared on the 5th December 2015, he pleaded guilty to the charges and was due to be sentenced on the 25th January 2016, a POCA hearing is listed for the 29th March 2016.
32. On the 2nd February 2016 a Mr Amir Ahmadi from the Famous Shop at Eastwood, appeared in the Nottingham Magistrates court he was charged with the possession for supply of dangerous and counterfeit cigarettes and hand rolling tobacco. He pleaded guilty and his sentence has been adjourned until the 23rd February 2016.
33. On the 4th February 2016 Mr Omid Khoshaab of Sutton Mini Market, Sutton in Ashfield appeared in the Mansfield Magistrates court, he was charged with the possession for supply of dangerous and counterfeit cigarettes. He pleaded guilty to the charges and was given a fine of £120 with prosecution costs of £100. On the 4th February 2016 Mr Bilind Ahmed of Sutton Mini Market, Sutton in Ashfield appeared in the Mansfield Magistrates court, he was charged with the possession for supply of dangerous and counterfeit

cigarettes. He pleaded guilty to the charges and was fined £240 with £100 costs. Mr Ahmed had been found in possession of counterfeit cigarettes on two separate occasions.

34. Murwan Muhamed of the Famous Shop, Eastwood pleaded not guilty to charges at the Nottingham Magistrates Court on the 5th November 2015. He is due for trial on the 9th February 2016 at the Nottingham Magistrates Court, charged with the possession of illicit and dangerous cigarettes.
35. On the 5th December 2015 Afsana Ahmed of Sutton Mini Market, Sutton in Ashfield was in Nottingham Crown Court following charges of supplying illicit and dangerous cigarettes. He pleaded guilty to the charges and was sentenced to 10 1/2 months in prison. A Proceeds of Crime hearing is listed for the 29th March 2016.
36. Luqman Ahmed and Nicheer Taha of Kubus Mini Market, Worksop, appeared in the Mansfield Magistrates court on the 1st October 2015 charged with the possession of counterfeit cigarettes. They were found with over 1000 packets of illicit cigarettes. Three brands of which have found to be unsafe in that they will not self-extinguish if left unattended. Their case was sent to the Crown Court and a plea and case management hearing was heard on the 5th December 2015. Mr Taha has pleaded not guilty to the charges, and Mr Ahmed has pleaded to some offences but is due to go to trial in August of 2016 for the remaining charges.

Other Options Considered

37. None

Reason/s for Recommendation/s

38. This is an information report

Statutory and Policy Implications

39. This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

40. This report contains no additional financial implications, with activity reported or that proposed being contained within existing service budget.

RECOMMENDATION/S

- 1) It is recommended that the Community Safety Committee notes the updates from the previous meeting and the various developments in the areas of work contained in the report.

Paul McKay, Service Director, South Nottinghamshire & Public Protection.

For any enquiries about this report please contact:

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Constitutional Comments

As this report is for noting only, Constitutional Comments are not required

Financial Comments (MM 16/02/16)

There are no financial implications arising from this report.

Background Papers and Published Documents

Except for previously published documents, which will be available elsewhere, the documents listed here will be available for inspection in accordance with Section 100D of the Local Government Act 1972.

- 'None'

Electoral Division(s) and Member(s) Affected

- 'All'

1st March 2016**Agenda Item: 13****REPORT OF THE SERVICE DIRECTOR FOR SOUTH NOTTINGHAMSHIRE
AND PUBLIC PROTECTION
UPDATE ON EMERGENCY PLANNING AND REGISTRATION SERVICES****Purpose of the Report**

1. To provide an update on recent key activities and events in the work of the Emergency Planning Team and of Registration and Celebratory Services.

Information and Advice**Emergency Planning**Mutual Aid to West Yorkshire Councils

2. The Chief Executive of the City of Bradford Metropolitan District Council has thanked the County Council for the help given to residents in West Yorkshire who were affected by flooding over the Christmas period. The emergency planning team worked with Highways colleagues to implement the outcome of the Leader's offer of help to areas affected. One thousand sandbags were sent to the Bradford areas at short notice. The sandbags were dispatched from the Markham Moor Highways depot.
3. Writing on behalf of the Leader of the Council and herself, the Chief Executive expressed heartfelt thanks and gratitude for the support provided. She said that the sandbags were of great assistance in helping respond to the flood which had devastated parts of the District. She said that the swift and substantial support provided would be reciprocated were Nottinghamshire to face a similar civil emergency in the future.

Support for flood risk communities

4. In January, Councillor Grice and two members of the emergency planning team and a Community Officer met with approximately thirty Hucknall residents to discuss local emergency planning and preparations for future flood emergencies in the town. The meeting examined the merits of establishing a community scheme involving the recruitment and training of local flood wardens and the preparation of a Community Emergency Plan. Examples from elsewhere in the County were described and the role of flood wardens was explained. The meeting also looked at the possibility of creating a Flood Community Signage Scheme to enable trained volunteers to erect warning signs and, if necessary, to close local roads on behalf of County Highways during a flood emergency. The emergency planning team will continue to support this

community and will work with the volunteers who came forward to be involved in this work and to undertake specific training.

LRF Floods Plan Training

5. On 13 January, the emergency planning team joined colleagues from the Environment Agency and other partners to deliver staff training on the LRF Flood Response Plans. Approximately fifty people, together with trainers and facilitators, participated in the half-day event held at Highfields Fire Station, Beeston. Separate sessions during the event examined three key plans: The LRF Flood Response Plan; LRF Generic Reservoir Plan and the Local Flood Response Plan for District and Borough Council areas across the County. Presentations on these topics were each followed by workshop discussions and feedback. The staff trained were from the County Council, City Council, District and Borough Councils, and from the emergency services.

Major Emergency Response Training

6. The emergency planning team held a Major Emergency Response (MER) training session for County Council staff on 2 February 2016. This training covered how a major emergency is managed within Nottinghamshire County Council, and outlines the operational procedures within the County Emergency Centre (CEC). The course is designed for staff that may be required to:
 - Work in the CEC as part of a functional team, or;
 - Attend the Risk, Safety & Emergency Management Board (RSEMB) meetings, or;
 - Participate in the multi-agency response to an emergency.
7. Normally, two or three staff are needed to work in each of four functional teams at any given time during a major emergency. Sufficient staff must be trained to ensure these teams can operate on a 24 hour basis if required. Following completion of the training on 2 February, a total of 67 individual members of staff have completed MER training; 21 from CFCS Department, 22 from ASCH&PP, 10 from Place and 14 from Resources. Further training sessions have been arranged on Thursday 28 April and Tuesday 22 November this year.

LRF Exercise Courier Signal

8. The Nottingham and Nottinghamshire Local Resilience Forum (LRF) held a no-notice emergency call-out and Strategic Coordinating Group (SCG) exercise on 26 January. Members of the emergency planning team used contact numbers held in emergency response plans to successfully alert senior County Council Officers and emergency planning contacts in the Borough and District Councils across the County.
9. Partners who were able to travel or telephone in were able to join an SCG meeting chaired by the Chief Constable at Police Headquarters. The few agencies that were unable to participate all gave assurance that they would have been able to had it been a genuine major incident.

Syrian Refugee Resettlement

10. The emergency planning team has continued to fulfil the lead role in coordinating the County Council's involvement in the UK Syrian Refugee Resettlement Programme (SRRP). A member of the team participated in a Strategic Debrief Session that was held following the first arrival of refugees. Eighty-one refugees arrived in mid-December 2015 and were accommodated by Nottingham City Council, and by Borough and District Councils in Mansfield, Gedling and Broxtowe. The debriefing meeting reflected on all aspects of planning for the refugees' arrival, and the lessons arising from the experience. Priority is now being given to ensuring support for these first arrivals.
11. The emergency planning team was also present at a conference entitled 'Resettling Syrian Refugees: delivering a multi-agency resettlement programme in the East Midlands' that took place in Nottingham on Thursday 11 February. The event was organised by East Midlands Councils, and included an address by Richard Harrington MP, Parliamentary Under Secretary of State jointly for the Home Office, the Department for Communities and Local Government and the Department for International Development. Sessions included presentations from Syrian Charities and Networks UK and from the Nottingham and Nottinghamshire Refugee Forum. Workshop sessions then examined each stage of planning and implementation of arrangements for future arrivals of Syrian Refugees.

Safety of Sports Grounds

12. A routine in-performance inspection of safety arrangements was carried out at the City Ground during the FA Cup fixture between Nottingham Forest and Watford Football Club. This particular match was selected because, due to Football Association rules, the number of visiting supporters permitted to attend is greater than seen for league games. As a consequence of this, there was a different configuration of accommodation provided for the visitors. The inspection found that this caused no issues for the Safety Officer and his team, who had planned well for the change and managed its implementation without incident. In all other respects the match was equally well-managed and there were no safety issues to note.
13. The total capacity of sports stadia in the UK is calculated in the basic of two key factors; the physical aspects of the ground and safety management systems in place. The emergency planning team monitors the measures of these on a continuous basis, with periodic detailed reviews to ensure they are set at the correct level. In line with this, a new review has begun into safety management at the City Ground, which currently has maximum ratings for physical and safety management factors. At present, there are no capacity reductions in force at any of the three major stadiums in Nottinghamshire (the City Ground, the One-Call Stadium and Trent Bridge Cricket Ground). All have maximum ratings for physical and safety management factors.

Registration and Celebratory Services

Registration Service Accommodation

14. Following the recent loss of the ceremony facility at D.H. Lawrence Heritage Centre in Eastwood, the service has been actively seeking an alternative premise. A suitable room has been identified at Arnot Hill, Gedling, in the same building where additional office accommodation for registration appointments had already been found.
15. This offers the opportunity to expand services to the public and to generate income to offset service costs. The move is in addition to the proposed return to the Hall, West Bridgford, in spring 2017. Costs associated with the move will be offset by leaving an existing registration property in Carlton. The financial and accommodation aspects of this move were considered at the 22 February meeting of the Finance and Property Committee, following consultation with staff, Trade Unions and Elected Members for the areas affected.

Other Options Considered

16. None.

Reason/s for Recommendation/s

17. To update the Committee on this area of work contained within its remit.

Statutory and Policy Implications

18. This report has been compiled after consideration of implications in respect of crime and disorder, finance, human resources, human rights, the NHS Constitution (Public Health only), the public sector equality duty, safeguarding of children and vulnerable adults, service users, sustainability and the environment and ways of working and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

19. There are no financial implications for Emergency Planning or Registration budgets.

RECOMMENDATION

It is recommended that the Committee:

- 1) Notes the update on recent key activities and events in the work of the Emergency Planning Team and of Registration and Celebratory Services.

PAUL MCKAY

Service Director, South Nottinghamshire and Public Protection

For any enquiries about this report please contact:

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Constitutional Comments

20. As this report is for noting only, no Constitutional Comments are required.

Financial Comments (MM 17/02/15)

21. There are no financial implications arising from this report.

Background Papers and Published Documents

- None

Electoral Division(s) and Member(s) Affected

- All

1 March 2016**Agenda Item: 14****REPORT OF CORPORATE DIRECTOR, RESOURCES****WORK PROGRAMME****Purpose of the Report**

1. To consider the Committee's updated work programme for 2015/16.

Information and Advice

2. The County Council requires each committee to maintain a work programme. The work programme will assist the management of the committee's agenda, the scheduling of the committee's business and forward planning. The work programme will be updated and reviewed at each pre-agenda meeting and committee meeting. Any member of the committee is able to suggest items for possible inclusion.
3. The attached work programme has been drafted in consultation with the Chairman and Vice-Chairman, and includes items which can be anticipated at the present time. Other items will be added to the programme as they are identified.

Other Options Considered

4. None.

Reason/s for Recommendation/s

5. To assist the committee in preparing its work programme.

Statutory and Policy Implications

6. This report has been compiled after consideration of implications in respect of finance, public sector equality duty, human resources, crime and disorder, human rights, the safeguarding of children, sustainability and the environment and those using the service and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

RECOMMENDATION/S

- 1) That the committee's work programme be noted, and consideration be given to any changes which the Committee wishes to make.

Jayne Francis-Ward
Corporate Director, Resources

For any enquiries about this report please contact:

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Constitutional Comments (SLB)

7. The Committee has authority to consider the matters set out in this report by virtue of its terms of reference.

Financial Comments (NS)

8. There are no financial implications arising directly from this report.

Background Papers

Except for previously published documents, which will be available elsewhere, the documents listed here will be available for inspection in accordance with Section 100D of the Local Government Act 1972.

Electoral Division(s) and Member(s) Affected

All.

COMMUNITY SAFETY COMMITTEE - WORK PROGRAMME (AS AT 5 JANUARY 2016)

<u>Report Title</u>	<u>Brief summary of agenda item</u>	<u>Lead Officer</u>	<u>Report Author</u>
26 April 2016			
Update on the work of the Community and Voluntary Sector Team	Update on key issues in this service area.	Sally Gill	Cathy Harvey
Update on key Trading Standards matters	Update on key issues in this service area.	Paul McKay	Mark Walker
Update on key Community Safety matters	Update on key issues in this service area.	Paul McKay	Sarah Houlton
Update on Emergency Management and Registration Services	Update report on key activities and events in Emergency Planning and Registration	Paul McKay	Rob Fisher
Update on Domestic Violence and Abuse Services	6 monthly update report requested by committee in September meeting.	Paul McKay	Nick Romily
Use in the Trading Standards & Community Safety Service of techniques regulated by the Regulation of Investigatory Powers Act		Paul McKay	Mark Walker
Regulation of Investigatory Powers Act	Annual report on recent surveillance activity undertaken.	Paul McKay	Mark Walker
14 June 2016			
Update on the work of the Community and Voluntary Sector Team	Update on key issues in this service area.	Sally Gill	Cathy Harvey
Update on key Trading Standards matters	Update on key issues in this service area.	Paul McKay	Mark Walker
Update on key Community Safety matters	Update on key issues in this service area.	Paul McKay	Sarah Houlton

<u>Report Title</u>	<u>Brief summary of agenda item</u>	<u>Lead Officer</u>	<u>Report Author</u>
Update on Emergency Management and Registration Services	Update report on key activities and events in Emergency Planning and Registration	Paul McKay	Rob Fisher
19 July 2016			
Update on the work of the Community and Voluntary Sector Team	Update on key issues in this service area.	Sally Gill	Cathy Harvey
Update on key Trading Standards matters	Update on key issues in this service area.	Paul McKay	Mark Walker
Update on key Community Safety matters	Update on key issues in this service area.	Paul McKay	Sarah Houlton
Update on Emergency Management and Registration Services	Update report on key activities and events in Emergency Planning and Registration	Paul McKay	Rob Fisher
Update on Regulation of Investigatory Powers Act	Quarterly update on recent surveillance activity undertaken.	Paul McKay	Mark Walker