

Report of the Strategic Director of Place to the meeting of Regeneration and Environment Overview and Scrutiny Committee to be held on 02nd October 2018

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Subject:

Water Management Scrutiny Review- Progress of Recommendations

Summary statement:

The Environment and Waste Management Overview Scrutiny Committee undertook a wider scrutiny review into water management across the District following the devastating winter 2015 floods. The Water Management Scrutiny Review was endorsed by the Environment and Waste Management Overview Scrutiny Committee at their meeting on 4th July 2017 where it was recommended to be considered by the Corporate Overview and Scrutiny Committee in their meeting on the 26th October 2017 where it was subsequently endorsed.

Following its adoption, The Water Management Scrutiny Review included twenty-six recommendations and it was resolved that a report would be made in twelve months which monitored progress against all the recommendations contained in the review.

This report briefly outlines the progress made and the status of each of the twenty-six recommendations.

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Overview & Scrutiny Area:

Regeneration and Environment

1. SUMMARY

The Environment and Waste Management Overview Scrutiny Committee undertook a wider scrutiny review into water management across the District following the devastating winter 2015 floods. The Water Management Scrutiny Review was endorsed by the Environment and Waste Management Overview Scrutiny Committee at their meeting on 4th July 2017 where it was recommended to be considered by the Corporate Overview and Scrutiny Committee in their meeting on the 26th October 2017.

Following its adoption, The Water Management Scrutiny Review included twenty-six recommendations and it was resolved that a report would be made in twelve months which monitored progress against all the recommendations contained in the review.

This report briefly outlines the progress made and the status of each of the twenty-six recommendations.

2. BACKGROUND

The floods of December 2015 inundated over 1,000 homes and businesses across a wide swathe of Bradford District and turned the lives of many hundreds of local people upside down. The cost of the damage to residential and commercial property is estimated to have been around £34 million. The broader social, environmental and economic impacts were even greater in scope as residents struggled to cope with the upheaval to their everyday lives through the months that followed.

At its meeting on Tuesday 19 January 2016, Bradford Council agreed that the Corporate Overview and Scrutiny Committee undertake an in-depth scrutiny review of the effectiveness of the Council and its Partners in dealing with the District-wide flooding of December 2015.

Following discussions with Councillors and Officers, it was also agreed that water management across the District should be looked at and that the Environment and Waste Management Overview and Scrutiny Committee should undertake that scrutiny review.

The Environment and Waste Management Overview and Scrutiny Committee agreed its terms of reference for this scrutiny review in April 2016. Specifically, the committee resolved to investigate six key lines of enquiry:

- 1) examine the policies that impact on either the mitigation of flood risk or contribute to that risk;*
- 2) identify potential sources of funding and other resources that could assist in reducing the risk and impact of flooding;*
- 3) develop an action plan to reduce the risk and impact of flooding and use in response to any future incidents;*
- 4) consider future climate change assumptions and their impact on the frequency and severity of flooding incidents;*
- 5) consider measures which could be taken to reduce the rate of water runoff into the river system;*
- 6) consider the effect of increased flooding risk on proposed development and the effect*

of proposed and possible future development on run off and flooding risk. 1

As a result of the review, The Environment and Waste Management Overview and Scrutiny Committee made a total of 26 recommendations for consideration by colleagues. Some of these recommendations are closely linked with each other. The progress made over the previous 12 months on each recommendation under each of the 6 key lines of enquiry is detailed below;

Key Line of Enquiry 1

Examine the policies that impact on either the mitigation of flood risk or contribute to that risk.

Recommendation 1 (mirrors Recommendation 16)

That the Council liaises closely with partner city region authorities to finalise supplementary planning guidance as soon as possible, and that officers quickly finalise a date by when these documents will be published.

The potential to produce Supplementary Planning Document (SPD) to be adopted by Leeds City Region Authorities is a complex matter and has been explored with Heads of Planning and Flood Risk Managers within the city region. However, it has been recognised that a joint SPD is not the preferred approach as all authorities have differing requirements relating to SUDS. For example, some authorities would prefer to integrate SUDS requirements into other policy documentation rather than adopt a stand-alone SPD.

Consequently, it was recommended, and subsequently agreed, at the Leeds City Region Chief Executive's Meeting on 19 July 2018 to endorse the proposal to update the current SUDS guidance [on a City Region scale] rather than a City Region SPD. It was agreed that Heads of Planning will oversee work to update this document. This approach was subsequently endorsed by West Yorkshire Chief Highway Officers at the Senior Flood Officers Group.

The first draft of the updated guidance to be completed by October/November 2018, prior to being circulated for comment by the West Yorkshire Development Management Leads followed by Chief Highway Officers and Heads of Planning.

Recommendation 2

That the Council continues to review the development of its 'register of structures or features that affect flood risk'.

It is a statutory requirement of the Flood and Water Management Act 2010 that the Council under their role as Lead Local Flood Authority maintain a register of structures that affect flood risk. The Council continue to maintain the register but also identify new assets, that are added to the register, through a range of investigatory measures.

Recommendation 3

That the Council urgently reviews its default policy of non-inspection of the sustainable urban drainage features and flood risk aspects of completed developments, particularly in relation to larger projects and including SUDS already installed to date, in order to ensure that these developments are consistent with our LFRMS; and that the cost of doing so is borne as far as is practicable by the developer.

The Council through its role as Lead Local Flood Authority undertake assessments of drainage design submissions as consultee to the planning process. On giving approval to a drainage design it is unlikely that the Lead Local Flood Authority will inspect the installation of the drainage system due to resource constraints within the service. On larger projects the majority of developments will seek to have the drainage infrastructure (Including SUDS in the form of underground storage pipes) adopted by the statutory sewerage undertaker, Yorkshire Water. In these instances, Yorkshire Water will inspect the installation of the drainage infrastructure. The Council will also inspect the installation of the system through the Highway Development Control Sections Clerk of Works, who will ensure the drainage infrastructure is installed satisfactorily as not to be detrimental to the structural integrity of the highway.

The Council has committed to take on the maintenance of SUDS retention ponds at Manywells (Cullingworth), Black Dyke Mills (Queensbury) and Allerton Lane (Allerton) developments, however maintenance will not be undertaken until the developments have been completed and an initial 12-month maintenance period lapsed. The drainage infrastructure on these site have been inspected at relevant construction stages by the Lead Local Flood Authority.

Recommendation 4

That the Council reviews its engagement with communities with a view to ensuring that they are actively involved in the creation and maintenance of SUDS and other flood risk management projects.

The Council is working with local groups and the Aire Rivers and Yorkshire Dales Rivers Trusts on the Aire and the Wharfe catchments to encourage community projects to provide local Flood Risk Management improvements. It is proposed that community engagement, particularly around SUDs within individual properties and businesses will form a part of the Natural Flood Management Project on Backstone Beck.

Further Local Levy funding (£25k total) has been approved by the Council's Flood Programme Board for stewardship work and Flood Warning Service Awareness raising within the financial year 2017/ 2018 in the Worth valley. Local Levy funding has also been secured (£20k) to support the work of the Addingham 4 Becks Groups in conjunction with the Dales Rivers Trust. A pilot Natural Flood Management (NFM) project is being progressed on Harden Moor. The project is funded by Leeds City Council and is one of five Aire catchment-wide projects being undertaken. Volunteer days will be undertaken as part of the project. This will provide people with a greater understanding of NFM and what the measures involve. It will also give them an opportunity to do something to help mitigate against flood risk in their community. A number of schools have been put forward to Yorkshire Water for consideration in their 'Soak it Up' programme which implements SUDS in schools.

The Council are a key partner in the Interreg European Funded project BEGIN (Blue & Green Infrastructure through Social Innovation). The BEGIN project aims to deliver climate change adaptation and protection through the development of a blue green infrastructure project within the Shipley and Canal Road Corridor including innovative ways of involving local communities and groups in the design, delivery and ultimately the maintenance of the project.

Recommendation 5

That the Council ensures that its flood risk management strategy continues to balance the needs of the Aire and Wharfe valley catchments.

The Local Flood Risk Management Strategy is a strategic document to cover Bradford District and its drainage catchments. Objectives within the Local Flood Risk Management Strategy are applicable to the whole of Bradford District and work is ongoing on both the Aire and Wharfe catchments. Section 10 of the Local Flood Risk Management Strategy (Wider Environmental Objectives) is being explored on both the Aire and Wharfe Catchments and the Backstone Beck catchment (a tributary of the River Wharfe in Ilkley) is to be subject to a £167k Natural Flood Management Project led by the Environment Agency and in conjunction with Bradford Council. An outcome of this project would be the production of River stewardship, Natural Flood Management and SUDS advice sheets produced in partnership with the communities and applicable across Local Authorities along the river catchments.

Key Line of Enquiry 2

Identify potential sources of funding and other resources that could assist in reducing the risk and impact of flooding.

Recommendation 6

That the Council reviews the potential for using funds from the Community Infrastructure Levy for flood alleviation measures.

Community Infrastructure Levy Regulation 123 provides for the Council to set out a list of those projects or types of infrastructure that it intends will be, or may be, wholly or partly funded through the CIL. Local Flood Risk Alleviation is listed as Environmental Improvements but only when the benefits are outside of a specific development. Site specific flood mitigation measures will fall within site specific Section 106 agreements as opposed to CIL.

Recommendation 7

That the Council liaises with other West Yorkshire local authorities to secure funding from the Department of Transport's National Productivity Investment Fund.

The Highways Department were successful in drawing down a total of £836k of funding from the Department of Transport's National Productivity Investment Fund of which £550k was spent on local drainage infrastructure improvements in the year 2017/ 18.

Key Line of Enquiry 3

Develop an action plan to reduce the risk and impact of flooding and use in response to any future incidents

Recommendation 8

That the Council takes steps to ensure that the Environment Agency's new climate change allowances are applied in the preparation of the site allocations development plan to ensure that proper consideration is given to increased flood

vulnerability linked to climate change and that identified sites are avoided where appropriate.

The Council is undertaking an update to its Strategic Flood Risk Assessment (SFRA) and this will inform the flood risk aspects and policies of the site allocations process. When updating the SFRA the latest climate change allowances will be used when identifying flood risk extents from all sources of flooding.

Recommendation 9

That the Council reviews the actions necessary for it to ensure that land required for current and future flood management is protected from development in order to mitigate the impacts of climate change.

The Council is undertaking an update to its Strategic Flood Risk Assessment (SFRA) and this will inform the flood risk aspects and policies of the site allocations process. When updating the SFRA the latest climate change allowances will be used when identifying and allocating land as functional floodplain.

Recommendation 10

That the Council reviews its record to date in enabling community engagement around the challenges of water management and flooding and explores the options for developing more resilient local networks in future years.

The Council have produced a flood information pack which includes a laminated leaflet providing advice on what to do when a local flood warning is in place, when flooding is happening and recovering from flooding. It also signposted to the Council's website to provide advice on preparing for emergencies and developing a personal emergency plan. It also provided a list of all the important contacts with the telephone numbers for use in emergencies, including signing up to the flood alert system.

The Council has been working extensively with Local Councils to voluntarily develop their Emergency and Flood plans. Such plans provide an agreed framework to work within, identify key local roles and responsibilities, identify known risks and hazards, identify vulnerable members of the community and provide valuable local information all in one place.

Each Local Council engaged in the writing of plans has had the opportunity to look at their storage needs for locally based and maintained resources and address those individually. We are looking at a number of different solutions across the district each costing a similar amount but fulfilling a different need. Resources for communities have been identified, a list drawn up and a bid made to the Environment Agency was successful to finance this initiative. These resources have been purchased and have been distributed to Local Councils as and when they complete their plans. Flood Sacks have been purchased and are in storage at Stockbridge Depot for distribution as above. Radios similar to those used by Civil Enforcement Officers have been purchased and were made available to those communities as part of their Emergency and Flood plan response.

Recommendation 11

That the Council works closely with Yorkshire Water to identify key places where surface water drainage problems exist in order to ensure that its action-planning delivers early, tangible results for our community.

Yorkshire Water are a member of the Bradford Flood Programme Board and are represented within the various sub groups that develop the capital flood risk works programme and flood resilience initiatives. The Council have also worked in collaboration with Yorkshire Water and the Environment Agency to identify flood risk prone areas to be put forward for consideration in the PR 19 process.

Recommendation 12

That Yorkshire Water and the Environment Agency undertake a full investigation of possible sewage-related pollution sources in the Bradford Beck catchment in the next investment cycle (AMP7, which starts with PR19).

Yorkshire Water will collaborate with Bradford Council, the Environment Agency and other key stakeholders, in a study for Bradford Beck and its tributaries from source to confluence with the River Aire. The project is part of Yorkshire Waters business plan for AMP7 (2020 to 2025) and so is in the very early stages of scoping and developing with the Environment Agency what will be required, and ultimately delivered from April 2020.

Yorkshire Water also have a programme of works from 2015 to 2020 to deliver 100% event duration monitoring of waste water storm discharges across Yorkshire, the relevant data from which will inform the investigation into Bradford Beck.

The Council are partners in the Interreg North Sea Region SCORE project that is a wide ranging smart cities project looking at using / reusing data and open data to provide efficiencies in public sector delivery. At the moment the Council are scoping monitoring devices and systems in order to determine pollution levels in watercourse such as Bradford Beck.

Key Line of Enquiry 4

Consider future climate change assumptions and their impact on the frequency and severity of flooding incidents.

Recommendation 13

That the Council urgently reviews both capital and revenue funding streams for maintaining council-owned drainage systems and watercourses/ivers in order to ensure that we deal with the rise in water flows and levels associated with climate change.

The Drainage Section do not receive capital funding to undertake maintenance works on council owned drainage infrastructure. The responsibility of drainage infrastructure will depend on which department or service manages the function of each individual asset. The Drainage Section is working with the Environment Agency, Yorkshire Water and other organisations to identify and progress flood risk schemes within their capital works programme to address property flooding, and is actively looking for match funding to reduce the pressure on existing drainage systems. The Councils Capital Flood Risk Programme is included within Appendix 1 for information. This shows where flood risk studies are been progressed in the district.

The Highway Service manages a range of existing drainage infrastructure including assets such as the carrier drains that serve the highways, road gullies, road side ditches,

drainage outfalls, and culverted watercourses that pass under the highway. Various budgets are used to maintain these assets depending on which Highway Section has responsibility for them. These base budgets have decreased over the last few years due to the spending constraints the Council is facing. Some sections are reported to use revenue budget to undertake emergency maintenance projects however no capital budget is available to implement a periodic asset maintenance programme.

With a reduction in base budgets for maintenance the Highways Service have applied for other funding streams that have been managed by the Department of Transport. In the year 2017/ 18 a total of £550k was drawn down from the National Productivity Investment Fund to spend on local drainage infrastructure improvements. Further funding was successfully granted from the Department of Transport for spending within the 2017/ 18 and 2018/19 financial years. This funding was reference 'Challenge Funding' and has been spent and is allocated on required maintenance works on drainage infrastructure serving the major highway network providing much need network resilience. The maintenance works funding by these two funding streams would not have been undertaken within the base budget allocations.

The Council continue to monitor the release of other relevant funding streams to be used for drainage maintenance works but at present no further funding streams have been released by the Department of Transport.

Recommendation 14

That the Council continues to update its LFRMS to take account of the disproportionate impacts that arise from the growing risk of flooding events related to climate change.

It is a legislative requirement to update the LFRMS in line with the current six-year cycle for flood risk management. The LFRMS is up to date in accordance with current climate change guidelines but is a living document and will be reviewed accordingly. Specific actions (and examples of current working practice) within the LFRMS will be reviewed in the next update.

Recommendation 15

That the Council updates its LFRMS to incorporate the development of 'bottomup' actions to support sustainable drainage, mitigate the risk of flooding and enable communities to recover from flooding events.

It is a legislative requirement to update the LFRMS in line with the current six-year cycle for flood risk management. Specific actions (and examples of current working practice) within the LFRMS will be reviewed in the next update.

Key Line of Enquiry 5

Consider measures which could be taken to reduce the rate of water runoff into the river system.

Recommendation 16 (mirrors Recommendation 1)

That the Council publishes minimum design standards (in the form of supplementary planning guidance) so that developers and their consultants are clear on the standards required for acceptable planning applications in relation

to water runoff and sustainable urban drainage systems, and seeks to ensure that this process is completed by the end of April 2018.

The potential to produce Supplementary Planning Document (SPD) to be adopted by Leeds City Region Authorities is a complex matter and has been explored with Heads of Planning and Flood Risk Managers within the city region. However, it has been recognised that a joint SPD is not the preferred approach as all authorities have differing requirements relating to SUDS. For example, some authorities would prefer to integrate SUDS requirements into other policy documentation rather than adopt a stand-alone SPD.

Consequently, it was recommended, and subsequently agreed, at the Leeds City Region Chief Executive's Meeting on 19 July 2018 to endorse the proposal to update the current SUDS guidance [on a City Region scale] rather than a City Region SPD. It was agreed that Heads of Planning will oversee work to update this document. This approach was subsequently endorsed by West Yorkshire Chief Highway Officers at the Senior Flood Officers Group.

The first draft of the updated guidance to be completed by October/November 2018, prior to being circulated for comment by the West Yorkshire Development Management Leads followed by Chief Highway Officers and Heads of Planning.

Recommendation 17

That the Council engages proactively with partner organisations to identify opportunities for additional Natural Flood Management projects across the District (such as in the Clayton Beck catchment).

The Council are working with the Leeds Flood Alleviation Scheme project team, in partnership with the Environment Agency, to develop a catchment wide approach to reducing flood risk. This includes natural flood management (NFM) measures on the upper and mid stretches of the River Aire as an integral part of phase 2 of the scheme. The scheme is identifying with landowners, which land is suitable for NFM measures. Also as part of the scheme, potential areas have been identified and shared with partners and the Leeds FAS2 project team.

A pilot NFM project is being progressed on Harden Moor where the Council are landowners and key partners in the design and delivery of the project.

The Backstone Beck catchment (a tributary of the River Wharfe in Ilkley) is to be subject to a £167k Natural Flood Management Project led by the Environment Agency and in conjunction with Bradford Council. An outcome of this project would be the production of River stewardship, Natural Flood Management and SUDS advice sheets produced in partnership with the communities and applicable across Local Authorities along the river catchments.

Recommendation 18

That the Council works jointly with Friends of Bradford's Becks on water management projects in the Canal Road area.

Friends of Bradford's Becks are engaged in the ongoing Shipley and Canal Rd Corridor Flood Risk Benefit Study and the Interreg North Sea Region IVB Project Blue Green Infrastructure through social Innovation (BEGIN).

Furthermore, following the floods of December 2015 it was recognised that there was a need for a long term strategic approach to managing flood risk and associated environmental impacts across the Bradford district. In identifying this need the Council worked with the Environment Agency to scope and develop a Bradford Flood Programme Board. The Board agreed that, alongside ongoing scheme development, it is a priority to focus on identifying and delivering cost-beneficial solutions to areas within the district that are at risk of flooding. The Programme Board were able to secure local levy funding to help deliver aspirations and some of this funding was allocated to the Friends of Bradford's Becks and the Aire Rivers Trust, to work in collaboration with the Council and other partners to undertake a River Stewardship programme. The overall aim of River Stewardship for Bradford is to create a sustainable and active network of citizens looking after Bradford's rivers, delivering activities including debris clearance, invasive species control, backside maintenance and riparian landowner engagement to support flood risk and resilience activities on behalf of the community.

Recommendation 19

That the Council works with partner organisations to gather together existing knowledge and practice of Natural Flood Management in the form of a 'best practice manual' in order to engage the community and guide implementation of these kind of measures.

The Council is currently working with other signatories of the White Rose Forest (WRF) to design the Harden Moor Pilot Natural Flood Management project and are part of the project team for the NFM scheme to be implemented on the Backstone Beck Tributary on Ilkley Moor. This is in the River Wharfe catchment. The project in Ilkley has secured £167K of DEFRA NFM funding. The approaches we are looking to implement on the moor (slowing the flow, drainage reversal, sphagnum translocation, increasing tree cover and additional environmental benefits of increased biodiversity, active blanket bog management and re-wetting areas of the moor) are all replicable on other catchments in the District and beyond. These projects will help the Council broaden its knowledge and understanding of NFM and how the multiple measures can benefit the catchment by reducing water flows but also increase biodiversity and community engagement.

A best practice manual in regards to Natural Flood Management has been put together by the Yorkshire Dales National Park and this is regularly used by the Council in pursuing NFM opportunities. A link to the guide is below;

http://www.yorkshiredales.org.uk/data/assets/pdf_file/0003/1010991/11301_flood_management_guide_WEBx.pdf

Recommendation 20

That the Council adopts a 'whole catchment' approach to reducing water runoff, in conjunction with neighbouring local authorities (particularly Leeds, but also those 'upstream' of our District) and partner agencies.

The whole catchment approach is central to any schemes being discussed and funding bids are increasingly being submitted on a catchment-wide basis encompassing multiple projects through a number of local authority administrative areas.

Recommendation 21

That the Council incorporates the 'Green Streets' approach in its planning process and infrastructure development schemes.

The Council are currently developing a 'Housing Design Guide' and 'Street Design Guide' that will emphasise the importance and specify the use of Blue Green Infrastructure and Green Street Initiatives within developments. These documents will be proposed for adoption as Supplementary Planning Documents in 2019.

Recommendation 22

That the Council identifies future opportunities where it can show leadership in reducing and slowing water flow by its own actions, such as in the road and cycle path engineering schemes that it designs and through its ongoing refurbishment of the Council estate (possible measures may include controlling roof drainage by disconnecting building drains from the sewer system and installing planters, soakaways and green roofs).

The New Line and Hard Ings junction schemes incorporate measures to reduce quantities of surface water runoff from the new carriageway through the use of SuDS. Also a recently constructed highway scheme on North Street in Keighley has also incorporated a bioretention scheme as opposed to the traditional road gully system to reduce the rate of surface water runoff whilst also improving the water discharge quality.

Recommendation 23

That the Council considers either (a) signing up to the 'Blue and Green Infrastructure' declaration issued by Newcastle City Council and five partner agencies in February 2016 or (b) issuing its own declaration in order to aid the prioritisation of Blue-Green infrastructure in managing flood risk across Bradford District.

The Council have been successful in a funding bid to the EU North Sea Interreg Vb programme project BEGIN (Blue / Green infrastructure through social innovation) which was approved in early September 2016 to EU North Sea Region Secretariat; The Lead Partner being the Municipality of Dordrecht in the Netherlands. The scheme is progressing and will help support the aspirations of the Councils Green Infrastructure Study. The emerging approach in respect of Green Infrastructure and flood risk is based on the creation of a Linear Park along the length of Bradford Beck, restoring the natural character of the beck, retaining areas of natural floodplain, introducing new areas and enhancing existing areas of greenspace whilst incorporating sustainable drainage within new developments. The BEGIN projects also aims to engage with communities to increase awareness of the Beck and its catchment.

Recommendation 24

That the Council investigates what more it can do to promote community and individual awareness of what can be done locally to reduce water runoff and

flooding risk.

See Recommendation 4 & 5. All community engagement is covering all aspects of Flood and Water Management from awareness raising to river stewardship and riparian and individual citizen responsibilities.

Key Line of Enquiry 6

Consider the effect of increased flooding risk on proposed development and the effect of proposed and possible future development on run off and flooding risk.

Recommendation 25

That the Council incorporates sustainable urban drainage messages and policies into its broader community engagement, such as the benefits of permeable driveways, along the lines of the Ten Point Plan produced by Friends of Bradford's Becks.

See Recommendation 4 & 5. All community engagement is covering all aspects of Flood and Water Management from awareness raising to river stewardship and riparian and individual citizen responsibilities.

Recommendation 26

That Bradford Council's Environment and Waste Management Overview and Scrutiny Committee receives a report back before the end of April 2018 which monitors progress against all the recommendations contained within this scrutiny review.

This report covers the progress made on each recommendation

3. OTHER CONSIDERATIONS

None

4. FINANCIAL & RESOURCE APPRAISAL

Recommendations 6 and 7 of the adopted Water Management Scrutiny Review relate to the potential for using funds from the Community Infrastructure Levy for flood alleviation measures, and for Bradford Council to liaise with other West Yorkshire local authorities to secure funding from the Department of Transport's National Productivity Investment Fund. Recommendation 13 asks for an urgent review of capital and revenue funding streams for maintaining council-owned drainage systems and watercourses/rivers in order to respond effectively to the rise in river flows and levels associated with climate change.

5. RISK MANAGEMENT AND GOVERNANCE ISSUES

If there are no significant risks arising out of the implementation of the proposed recommendations it should be stated but only on advice of the Assistant Director Finance and Procurement and the City Solicitor.

6. LEGAL APPRAISAL

➤ None

7. OTHER IMPLICATIONS

7.1 EQUALITY & DIVERSITY

None

7.2 SUSTAINABILITY IMPLICATIONS

➤ None

7.3 GREENHOUSE GAS EMISSIONS IMPACTS

➤ None

7.4 COMMUNITY SAFETY IMPLICATIONS

➤ None

7.5 HUMAN RIGHTS ACT

➤ None

7.6 TRADE UNION

➤ None

7.7 WARD IMPLICATIONS

The winter 2015 floods affected several areas and communities across the District, which include: • Bingley; • Bingley Rural; • Craven; • Ilkley; • Wharfedale; • Shipley; • Baildon; • Idle and Thackley; • Keighley East. • Worth Valley.

7.8 AREA COMMITTEE ACTION PLAN IMPLICATIONS (for reports to Area Committees only)

None

7.9 IMPLICATIONS FOR CORPORATE PARENTING

None

7.10 ISSUES ARISING FROM PRIVACY IMPACT ASSESSMENT

None

8. NOT FOR PUBLICATION DOCUMENTS

None

9. OPTIONS

The report seeks to update members on progress achieved on the recommendations of the Water Management Scrutiny Review. Members are asked to consider the report and provide views and comments.

10. RECOMMENDATIONS

That Bradford Council's Regeneration and Environment Overview and Scrutiny Committee receives a report back before the end of October 2019 which monitors progress against the recommendations contained within the Water Management Scrutiny Review.

11. APPENDICES

Appendix 1 – Water Management Scrutiny Review Report

Appendix 2 - Bradford Councils Capital Flood Risk Programme

12. BACKGROUND DOCUMENTS

None