

Flood Risk Management Action Plan 2018/19

Report of the Head of Planning, Transportation and Environment

Please note that the following recommendations are subject to consideration and determination by the Cabinet (and confirmation under the provisions of the Council's Constitution) before taking effect.

Recommendations: It is recommended that Cabinet:

- (a) approves the implementation and associated financial allocations of the County Council's 2018/19 Flood Risk Management Action Plan;**
- (b) delegates to the Head of Planning, Transportation and Environment, in consultation with the Cabinet Member for Community, Public Health, Transportation and Environmental Services, any changes to the programme and related expenditure of less than £50k.**

1. Summary and Purpose of Report

The aim of this report is to provide Cabinet with an update of the ongoing development and delivery of essential flood improvements, as set out in the current year's Flood Risk Management Action Plan and to gain approval for the 2018/19 Action Plan relating to our role as Lead Local Flood Authority (LLFA). The report will also show how Devon County Council's (DCC) Flood and Coastal Risk Management Team has worked in partnership with other Risk Management Authorities (RMAs), including the delivery of collaborative schemes, in implementing the functions and principles set out in the Devon Local Flood Risk Management Strategy and the level of external funding that has been drawn down from Defra, Local Levy and other RMAs.

2. Update on Achievements for 2017/18

The Flood and Coastal Risk Management Team has delivered another successful year fulfilling the role of LLFA by: resolving local issues brought to our attention by the public or other RMAs; reviewing and approving Land Drainage Consents, as appropriate; successfully taking an enforcement case to court; investigating and reporting on flood incidents; and dealing with consultations on over 700 surface water management proposals for new developments.

As well as the statutory responsibilities, detailed above, the Team has overseen the delivery of a programme of flood improvements set out in the 2017/18 Flood Risk Management Action Plan. In total, over £2m has been invested in reducing the risk of flooding to at least 209 homes and businesses across Devon. Further schemes, such as those planned for Uplyme and Bideford, will be underway when this report is presented and will be completed during 2018/19, providing benefit to a further 58 properties, which will be formally accounted for in next year's figures.

Unfortunately, a number of small schemes programmed for delivery in 2017/18 have been delayed due to negotiations with the landowners. It is important to note that the successful delivery of our planned flood improvements is reliant upon the agreement, cooperation and understanding from relevant landowners, who will not, necessarily, benefit from these, but will be affected by the works.

The implementation of the new DCC Property Level Resilience (PLR) grant scheme has been successful, with over 20 properties each benefitting from the installation up to £5k worth of flood resilience measures. The recent flood incident experienced in the North Devon area in late January and further promotion of the grant scheme through local communities and parish councils has resulted in an influx of new applications.

A fuller update on achievements, including an illustrated summary of the work and projects delivered by the Flood and Coastal Risk Management Team in 2017/18, is included as Appendix I.

3. Proposed Action Plan for 2018/19

The proposed Flood Risk Management Action Plan for 2018/19 is attached as Appendix II. Much of this Plan consists of high priority projects already underway, either under construction or soon to commence on site. The completion of these schemes, costing in the region of £3m, should reduce flood risk to over 300 properties, including dwellings and businesses. New studies are also to be progressed to consider design options for future investment.

The use of sustainable Natural Flood Management (NFM) techniques is being encouraged through all flood management activities to assist in future-proofing schemes by taking account of climate change and to provide ecological enhancement. Significant partnership projects are, already, underway and will continue through 2018/19 to provide government and other flood management practitioners with key lessons learnt and methods of good practice. Examples include a Defra-funded scheme at Ottery St Mary, which is being undertaken in partnership with the East Devon Catchment Partnership and the 'Culm Grassland Project', based on a partnership with Devon Wildlife Trust, the Environment Agency and the University of Exeter.

Making Devon more resilient to flooding is a strategic aim for DCC and this Action Plan continues to focus on supporting communities, not only through the delivery of capital flood improvements listed on the Action Plan, but also by contributing towards the successful operation of the Devon Community Resilience Forum and through further development and delivery of the Property Level Grant Scheme. Also critical is the provision of appropriate advice to Local Planning Authorities through our statutory consultee role on surface water management proposals for new development; this should ensure those new properties and existing properties nearby are not placed at greater risk of flooding because of the development.

4. Options/Alternatives

Flooding experienced over recent years and the number of properties affected, together with the ongoing flood risk, results in a high level of political and public expectation of the delivery of flood improvements. So, 'do nothing' or 'do minimum' options have been discounted. Instead, the recommended approach continues this Authority's commendable and proactive investment in improved flood protection and resilience across Devon.

Each project on the Action Plan, already prioritised in accordance with the criteria set out in the Local Flood Risk Management Strategy, will undergo a full options appraisal to deliver the most cost beneficial solution within the available budget. At times, due to issues outside of our control, there may be the need to adjust the proposed Action Plan and reprioritise schemes. It is, therefore, proposed that approval for any necessary changes to the Plan, up to the value of £50k, is delegated to the Head of Planning, Transportation and Environment, in consultation with the Cabinet Member for Community, Public Health, Transportation and Environmental Services; beyond this level, Cabinet approval would be sought.

5. Consultations/Representations/Technical Data

The level of consultation on the schemes covered by the Action Plan will depend on the scale of improvements being delivered. Minor property level improvements are only likely to involve the individual property owners; in contrast, larger community schemes will require public exhibitions and/or attendance at town/parish council events.

It is essential that all relevant landowners are consulted with throughout scheme development and are fully engaged with the works. Regular consultation with residents, local businesses, community flood groups, parish/town councils, elected members and other relevant RMAs is also of paramount importance to ensure expectations are managed and all concerned feel involved and part of the decision-making process.

Sharing of current and future programmes with other RMAs will help to identify opportunities for collaborative working or partnership contributions and the sharing of technical data. This will reduce

overall scheme costs, reduce disruption and show a joined-up approach between the RMAs, in line with the expectations of the Local Flood Risk Management Strategy.

6. Financial Considerations

The delivery of the 2018/19 Flood Risk Management Action Plan is reliant on both internal and external sources of funding available for flood management activities. Total DCC budgetary provision of approximately £1.5m is proposed through the dedicated Planning, Transportation and Environment flood risk management budget and the associated corporate budget for flood prevention works. Where necessary, allocations will be capitalised to support delivery of major projects. Wherever possible, further funding will also be secured, subject to justification of a cost beneficial scheme being deliverable, through Defra's Flood Defence Grant in Aid (FDGiA), Local Levy and contributions from other RMAs. There may, also, be limited opportunities for achieving contributions from private beneficiaries and businesses.

Based on the proposed DCC Action Plan for 2018/19, it is estimated that over £3million will be invested in flood management activities across Devon, compared to an anticipated spend of approximately £2m in the current year. An over-allocation of approximately 16% has been programmed, to account for efficiencies and any delays in delivery. Throughout the financial year the budget will be monitored to ensure the programme remains on target and within the available budget.

7. Legal Considerations

The flood improvements listed in the 2018/19 Action Plan and general duties in fulfilling the LLFA role will be carried out using the appropriate powers available to DCC, as defined in the Flood and Water Management Act 2010, the Land Drainage Act 1991 and other statutes. Entry onto land, consenting to works on ordinary watercourses, negotiations with landowners and, when necessary, the need to take enforcement action will all be undertaken with due regard to relevant legislation.

8. Environmental Impact Considerations

A Strategic Environmental Assessment was produced to support the Local Flood Risk Management Strategy and it identified that all schemes, during their development, would need to be assessed to ensure the proposals have due regard for the environment and, where possible, enhancements are incorporated. Each review of the potential environmental impacts would be carried out using the corporate integrated assessment tool and 'Environmental Review' process at the appropriate time.

9. Equality Considerations

As schemes are progressed an equality impact assessment will be carried out in accordance with DCC's corporate procedures to ensure that all equality and socio-economic considerations are adequately addressed.

10. Risk Management Considerations

The risk of flooding to communities in Devon is rated as high and is, therefore, recognised on the Corporate Risk Register. The Action Plan for 2018/19 aims to address the highest priority communities at risk of flooding in accordance with the identified risks. During the development of each scheme it will be assessed to ensure that all essential actions are taken to safeguard the Council's position.

A review by the Corporate, Infrastructure & Regulatory Services Scrutiny Committee carried out in 2017 provided evidence of the diminishing resources available through District Councils in Devon to assist in delivering flood mitigation; some authorities reported less than half a day per week of staff resource for such functions. This reduces scope for collaboration in joint schemes and can increase risks to DCC in the delivery of its own projects.

11. Public Health Impact

The effects of flooding on individual properties and their owners, and in some case the whole community, is devastating and can cause much stress and anxiety as well risk to life or illness through drowning or contamination of water from sewage and agricultural runoff. The continued delivery of flood improvements will reduce the risk to public health and improve the wellbeing of Devon's residents.

12. Discussion

We are now entering the fourth year of Defra's 6-year £2.5 billion programme to reduce the risk of flooding to 300,000 homes across the country. Since the start of this programme period in 2015, DCC has reduced the risk to over 256 properties and, with many schemes on the 2018/19 Action Plan either at or close to the construction phase, it is expected that over 300 further homes and businesses will benefit from these proposed flood improvements. In addition, many more properties will have benefited from increased flood protection as a result of the financial contributions made by DCC to schemes led by other RMAs. This illustrates the significance of this Authority's role, working alongside other RMAs, in addressing flood risk management in Devon.

It is worth noting that for many of our flood schemes involve works upstream of the at-risk area; this means that those worst affected by the scheme delivery are least likely to benefit from the resulting flood improvements. This adds further challenges in agreeing terms with the landowners and, for current projects, has resulted in programme delays and increased costs. Such issues complicate budget management, with the risk of end of year underspend, despite ongoing commitments to scheme delivery. More positively, we have been successful in drawing down higher levels of external funding than originally anticipated, which has facilitated scheme delivery and reduced risk to DCC budgets.

13. Conclusion and Reason for Recommendation

The risk of flooding continues to be a threat to the communities of Devon, which is predicted to worsen with climate change and changing patterns of rainfall. The most recent incident in North Devon, this January, highlighted the unpredictability of surface water flooding and the ongoing risk to locations that have not been identified as priority areas or experienced flooding in recent years. This future risk, considered alongside the 2000 properties in over 200 locations that have already suffered internal flooding in Devon since 2012, justifies this Authority's ongoing investment through a prioritised programme of flood improvements and associated collaboration with other RMAs. This approach will help to make the communities of Devon more resilient, prosperous and safe.

Dave Black

Head of Planning, Transportation and Environment

Electoral Divisions: All

Cabinet Member for Community, Public Health, Transportation and Environmental Services:
Councillor Roger Croad

Chief Officer for Communities, Public Health, Environment and Prosperity: Virginia Pearson

Local Government Act 1972: List of Background Papers

Contact for enquiries: Martin Hutchings

Room No. Lucombe House, County Hall, Exeter. EX2 4QD

Tel No: (01392) 383000

Background Paper

Date

File Reference

Nil

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Update on Achievements for 2017/18

Review of Preliminary Flood Risk Assessment (PFRA)

In accordance with the Flood Risk Regulations 2009 there was a requirement to review the Devon PFRA, six years after the original document was prepared in 2011. This was submitted to the Environment Agency in June to review, prior to its formal submission to Europe in December 2017. A key area of the review was the number of significant flood events that have occurred since the original PFRA report; this noted that Devon County Council (DCC) has published 15 Section 19 Flood Investigation Reports, covering 186 flooded locations, many of which suffering on numerous occasions. It also highlighted that the manner in which Devon's Annual Local Flood Risk Management Strategy Action Plan reflects the significant flood incidents which have occurred in this period, in addition to the 'at risk' areas identified in the 2011 PFRA and Strategic Surface Water Management Plan.

Flood Studies

DCC is currently undertaking a number of flood studies in order to better understand the level of flood risk. In accordance with the 2017/18 Action Plan, studies have commenced in Barnstaple, Beeson and Broadhempston. Other investigations are, also, ongoing in Exmouth, Kingsbridge, Ottery St Mary, South Pool and Ugborough. The results of these will help us produce future action plans and manage our resource going forward.

Flood Improvement Projects

DCC's Flood & Coastal Risk Management Team has continued to develop a number of high priority flood improvement schemes, as well as the delivery of minor works and local resilience measures. These have been progressed in accordance with the Local Flood Risk Management Strategy and in line with the indicative funding allocations of the Defra 6-year programme. Where practical, a number of minor flood improvements and resilience measures have been delivered through local funding opportunities; however, the larger capital schemes have been included in Defra's 6-year programme to take advantage of national Flood Defence Grant-in-Aid (FDGiA) funding.

Axminster

The Axminster Millbrook Flood Alleviation scheme is now complete and fully operational. The £1.3m scheme reduces flood risk to over 160 properties up to the 100-year flood event and includes channel widening, a flood defence wall and major culvert alterations to convey the flow more efficiently away from those at risk of flooding.

This challenging project, due to its interaction and proximity to the main Waterloo railway line and residential property, was delivered by our contractor South West Highways following detailed design by DCC's in-house Engineering Design Group.



Night working in Axminster adjacent to the railway and the new culvert including improved fish passage, prior to the lid being cast - May and July 2017

Braunton

Phase 2 of the Braunton Surface Water Flood Improvements is now complete. This second phase included the provision of a pumping station that will supplement the vastly improved highway drainage works that took place earlier in 2017 as phase 1. When the pumps are called into operation, flood risk in the area will be reduced up to the 50-year flood event. Final accounts are being drawn up, with early indications of being close to the available budget of £213k, which is made up of £188k from DCC and £25k from the Local Levy.



Works underway showing the installation of the pumping station and outfall structure in Caen Street, Braunton, September 2017

Uplyme

Following the extensive flooding in July 2012, minor improvements have been implemented by DCC to alleviate some of the flood risk in Uplyme. A series of silt traps have been installed on the stream entering the town from the north along Carswell Lane. These traps should hold back much of the material that was building up in the downstream systems and contributing to blockages and reductions in capacity.

DCC commissioned a study to check the capacity of the existing watercourse and culvert sections through the Court Hall and Cookmead area of Uplyme. The culverts through the village were shown to restrict the flow to varying degrees, some as low as only conveying up to the 1 in 2-year flood event.

A successful business case for FDGiA was submitted to the EA prior to Christmas and a report to DCC Cabinet was presented on 10th January 2018, gaining approval to deliver the scheme. Works are to be carried out from February through to May and will reduce the risk of flooding to at least 12 properties.

Modbury

Following the successful business case submission to the Environment Agency, full funding has been obtained for the construction of the flood alleviation scheme in Modbury. The total estimated scheme costs, including fees and site investigations, were approved at Cabinet for £1,132k, of which the estimated construction costs are in the region of £935k, funded by £435k FDGiA, £100k Local Levy, £100k from South West Water, £50k from South Hams District Council and almost £450k from DCC. The scheme proposes to reduce the risk of flooding to 50 residential and 32 commercial properties up to the 100-year flood event.

The proposed works include the construction of three large earthwork bunds to attenuate flood water, interception ditches and local drainage improvements. The contract has been awarded and works are scheduled to commence in March and likely to be completed by September 2018

Stokeinteignhead

The final modelling exercise and options assessment for the proposed Stokeinteignhead Flood Alleviation works has now been completed. The report has identified that storing water in the upper catchment is the most beneficial option in terms of reducing the risk of flooding.

DCC's in-house Engineering Design Group has developed the design of two water storage areas (one on the eastern catchment and one on the southern catchment). This has required specialist investigations, including geotechnical investigations, a landscape assessment, ecological baseline studies and an historic environment desktop study. A critical element of the proposal is to construct large earth dams on privately owned land and, as such, is reliant on third parties to agree the works. This is proving challenging and may affect the final design and scheme delivery.

Bideford, Moreton Park

This project came to the attention of DCC's Flood Risk Management team after a meeting was called by South West Water following a flooding incident, when the flood water backed up and escaped through the public combined sewer. SWW fitted a non-return valve at the end of their CSO discharge pipe to prevent a re-occurrence from their system, but did not resolve the issue.

As the culverted watercourse runs under private land, it is the responsibility of the riparian owners to ensure that the watercourse is free flowing and clear of blockage and, therefore, there is no responsibility on any local authority, government body or water company. However, as the complexity of works to be undertaken is quite high and the culvert crosses under multiple land ownerships, it is unrealistic and unsafe to expect the riparian owners to undertake these works in isolation. DCC, as the Lead Local Flood Authority, has agreed to manage the culvert repair and to reduce the risk of flooding to 25 properties.

The works are estimated to cost over £200k and this is being funded by £99k from FDGiA, approximately £62k from landowner insurance and up to £74k DCC. No other Risk Management Authorities are prepared to offer any additional funding or support. A contractor has been appointed through the DCC Minor Works Framework and works commenced in February 2018.



Sidmouth Surface Water Improvements

Final scheme details are being prepared for Sidmouth to reduce the risk of flooding for the maximum number of properties. The preferred options include surface water drainage improvements in the town centre to convey flows towards the River Sid and storage attenuation at the Knowle, to control the flow entering the town centre, which will be constructed as above ground features.

The business case for scheme justification is to be developed over the coming months and, subject to funding approval, it is proposed that works will be phased. It is hoped that the surface water drainage improvements can be delivered during 2018/19 and storage at the Knowle, which will be subject to landowner agreement and planning approval, to be created in the latter stages of 2019/20. Further investigations are also being progressed to consider potential improvements that could be achieved in the Woolbrook area.

Chillington

The village of Chillington has suffered frequent internal flooding of properties over recent years, with 13 properties affected in December 2012 (8 residential and 5 commercial). Investigations have proved that an inadequate surface water sewer, which is also in a poor condition, requires upsizing. The detailed design of the preferred option has been prepared and a scheme, estimated at £130k. This was presented to Cabinet in January and approval given to proceed and the business case was submitted to the EA with the outcome of £65k FDGiA being approved.

Landowner and tenant negotiations are underway and if all resolved it is anticipated that works will commence early in the 2018/19 programme.

Property Level Resilience

Following the introduction of the PLR scheme, which is open to Devon residents, 20 properties are being progressed for essential property level resilience measures and over 20 additional applications have been received for consideration. The ongoing programme means that all of the applications are at various stages from initial survey through to installation and some with the final post surveys having been completed.

Ivybridge, Stibbs lane

The detailed design of the proposed flood relief culvert that will benefit 20 residential properties in north west Ivybridge is well underway and soon to be completed. This includes ground radar scans to locate buried underground services, so that any potential clashes can be designed out before getting to site in 2018. The business case for scheme funding will be prepared and submitted for Defra funding once the design has been finalised.

In addition to the flood relief culvert, natural flood risk management measures are proposed upstream to reduce the flow getting to the properties at risk. Subject to land owner agreements, baseline monitoring will be installed early 2018.

Ottery St Mary

A flood investigation study has been completed with an emphasis on natural flood management and a list of options has been recommended. Following an initiative released by the government for pilot studies to test NFM techniques, DCC is working collaboratively with the East Devon Catchment Partnership, who have secured £50k under this initiative. The project is to run over the next 2 years to test NFM measures and prove, against current baselines, how these different techniques can support and enhance hard engineered flood defences and help to reduce the surface runoff being conveyed towards properties.

Lympstone

A flood study has been carried out for the catchment and a number of options are being explored with the newly-formed flood action group and the EA. Some initial works to be carried out by DCC are to help improve the conveyance of flows through the village with some repairs and relining of an existing culvert proposed. These works, estimated to be in the region of £35k, are scheduled to commence in April 2018.

Frogmore

DCC has been working in partnership with the Parish Council to deliver a new surface water culvert to convey increased flows away from properties. Minor works, in the region of £20k, are to be funded by DCC and delivered locally in 2018/19.

Natural Flood Management

DCC is currently working in partnership with the EA to progress Natural Flood Management pilot studies in a few selected locations across Devon.

DCC have been engaging in ongoing discussions with the EA and Dartmoor National Park regarding proposed measures just north of Ivybridge on Hanger Down. This will likely encompass a number of stone leaky dams as well as other measures. These works will enhance the standard of protection to be provided by the culvert improvements which DCC are due to implement in Ivybridge in early 2018.

Devon County Council Action Plan for 2018/19 to Support the Local Flood Risk Management Strategy

Projects/Works/Schemes	Lead Authority	Study, Design or Works	2018/19 DCC (PT&E) FRM Contribution £	2018/19 DCC FPW Contribution £	Other Funding Sources £	Details of Proposal
Devon						
Flood Risk Management Team	DCC	-	250,000			Resources required to deliver the Flood Risk Management functions as the Lead Local Flood Authority and Statutory Consultee for SuDS
Miscellaneous Expenditure		-	25,000			Meetings, venues, scheme maintenance, subscriptions, printing and internal recharges etc.
Minor Works and Improvements	DCC/Others	W	50,000			Delivery of minor flood improvement works, subject to resources and in accordance with the DCC priority list and opportunities with other Risk Management Authorities (Beeson, South Pool and Broadhempston)
Minor Flood Investigations/Studies	DCC/Others	S	50,000			Delivery of flood investigations, surveys and studies, subject to resources. Priority areas include: (Buckfastleigh and Woodbury Salterton)
Property Level Protection	DCC/Others	W	50,000		70,000	Allocation of funds to support Property Level Protection Grants and supported with additional Flood Defence Grant in Aid and Local Levy
DCC Highway related flood improvements	DCCH	W	30,000			Contributions from the FRM budget to support various minor highway improvement works where the risk of flooding to property can be reduced
Community Resilience and support	DCC	W	20,000			To provide assistance to communities for the delivery and provision of Flood Resilience Measures
North Devon Nature Improvement Area	NIA	W/S	20,000			DCC contribution to support the Culm Grassland Project and benefits of Natural Flood Management
Natural Flood Management	DCC/Others	W/S	50,000			To develop best practice and progress opportunities for delivering natural flood risk management techniques in partnership with other RMAs and key stakeholders.

East Devon						
Old Feniton	SWW	S	10,000			Scheme optioneering and business plan preparation in partnership with South West Water
Sidmouth Surface Water Improvements - Design	DCC	D	50,000	50,000	200,000	Detailed design of preferred options, preparation and submission of Business Case for FDGiA and commencement of Phase 1 improvements
Uplyme Flood Study	DCC	S	20,000	20,000	90,000	Completion of flood improvement works commenced in February 2018
Kerswell	EDDC	W	10,500			Contribution towards flood improvements being progressed by EDDC
East Budleigh	EA	W	15,000			Surface water/Highway drainage improvements in partnership with DCC Highways
Lympstone	DCC	W	36,000			Repairs and relining of ordinary watercourse culvert under Long meadow
Exmouth	SWW/DCC	S	30,000			Continue to work in partnership with SWW and develop surface water improvements as identified in flood study.
Ottery St Mary NFM	DCC	W	50,000	50,000	20,000	Delivery of Natural Flood Management measures in partnership with the East Devon Catchment Partnership and to progress hard engineered improvements as recommended in the flood study.
Colaton Raleigh	DCC		30,000			Catchment study and consideration of options including the proposal of upstream natural flood management
Exeter						
Exeter Surface Water Improvements - Design	DCC	D	50,000	50,000	100,000	Preparation of Business Case for Phase 1 Flood Improvements on the Northbrook catchment with start of construction, subject to funding approval.
Topsham Flood Improvements	ECC	W		20,000		Contribution to Exeter City Council towards surface water element of proposed flood improvement works. This is a long-standing commitment carried over from previous years and subject to a cost beneficial scheme being deliverable.
Mid Devon						
Cullompton Flood Improvements	DCC	D/W	25,000	50,000	75,000	Progression of recommendations from catchment study in partnership with the EA and potential opportunity with Highways

North Devon						
Bishops Tawton	EA	W	20,000			Further contribution from DCC to EA towards detailed hydraulic model and optioneering of flood improvements to reduce risk from the main rivers and surface water
Barnstaple	DCC	S	30,000			Continuation of surface water management study, commenced in 2017/18. Potential to contribute towards EA main river FDS
Ilfracombe	DCC	S/D	30,000			Review of SWMP and consider flood improvement options
South Hams						
Modbury Flood Management Scheme	DCC	D/W	40,000	37,500	625,000	Construction phase of essential flood improvements. Works to be completed within 2018
Ivybridge Flood Improvements	SHDC	D/W	50,000	75,000	150,000	Completion of detailed design and business case to secure FDGiA and deliver construction phase for the essential flood improvements
Chillington	DCC	W	40,000	25,000	65,000	Delivery of construction phase to provide improved drainage and reduction in flood risk
Kingsbridge Study	SWW	S	20,000			Ongoing study and hydraulic modelling in partnership with other RMAs. Develop options and progress to detailed design.
Dartmouth	EA	S	10,000			Ongoing investigations and scheme optioneering in partnership with SWW and EA. Contribution set aside to support further modelling by the EA
Ugborough	DCC	D/W	30,000	20,000	25,000	Finalise detailed design of flood improvements and subject to funding approval for cost beneficial scheme, deliver construction phase for catchment.
Frogmore	PC	W	25,000			Contribution towards flood improvements being led by the Parish Council in partnership with the local landowner
East Allington Asset Designation	DCC	-	1,000			Designation of weir structure to prevent rebuilding of wall
Teignbridge						
Stokeinteignhead	DCC	D/W	50,000	50,000	330,000	Finalise detailed design, develop and submit Business Case to secure Defra FDGiA and commence construction of the essential flood improvements
Teignmouth			30,000			Review of SWMP and consider flood improvement options

Torridge						
Bideford, Moreton Park		D/W		24,000	151,000	Continue and finalise construction of the culvert replacement works to reduce the risk of flooding.
West Devon						
						There are currently no ordinary watercourse, surface or ground water schemes identified in the West Devon area on the DCC priority list. Other schemes relating to Main River or tidal flooding may be considered by the EA or minor drainage issues by the Borough Council
Total Budget Allocation			1,247,500	471,500	1,901,000	
<p>The above budget allocations (based on a mix of revenue and capital) are estimates that are subject to change or maybe deferred as other priorities and opportunities arise. The total expenditure currently shows approx. 16% over-budget spend to allow for delays and efficiencies. This will be monitored throughout the year to ensure the budget is not exceeded and will defer incomplete projects as required.</p>						
Anticipated Budgetary Allocations and Income						
DCC (PT&E) Flood Risk Management Budget (FRM)			951,000			Includes grant to fulfil requirements as the LLFA as defined under the Flood and Water Management Act
Miscellaneous Income			1500			Fees for consents and recharges etc.
DCC Capital Flood Prevention Works Budget (FPW)				250,000		
DCC Revenue Flood Prevention Works Budget - 2017/18 carry forward (FPW)				169,000		Estimated based on current predictions and may change as schemes progress. Will be subject to approval through the budget outturn process.
Potential carry forward from 2017/18 DCC (PT&E) Flood Risk Management Budget (FRM)			100,000			Estimated based on current predictions and may change as schemes progress. Will be subject to approval through the budget outturn process.
FDGiA / Local Levy / Other Contributions					1,901,000	Defra Grant in Aid and Local Levy administered by the SW Regional Flood & Coastal Committee
Total Budget			1,052,500	419,000	1,901,000	