

## BOROUGH OF KETTERING

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<b>Report Originator</b>	Head of Development Services	Fwd Plan Ref No:	
<b>Wards Affected</b>	All	22 January 2019	
<b>Title</b>	<b>KETTERING BOROUGH SURFACE WATER MANAGEMENT PLAN</b>		

### **1. PURPOSE OF REPORT**

To update Members on the contents of the Kettering Borough Surface Water Management Plan, and agree for the document's inclusion as part of the evidence base for the Borough's plan-making and in decision-making.

### **2. INFORMATION**

- 2.1 The Surface Water Management Plan (SWMP) was commissioned by Kettering Borough Council, in partnership with Northamptonshire County Council as Lead Local Flood Authority, the Environment Agency, and Anglian Water. The aim of the SWMP is to understand complex, high risk surface water flooding problems in urbanised areas and how they may interact with other sources, such as flooding from rivers. The SWMP is prepared following four phases. Phase 1 (Preparation) involves the collection and review of surface water information from each of the flood risk partner bodies (KBC, NCC, EA and AW). This helps to create a collaborative understanding of causes of flooding and its management.
- 2.2 Phase 2 (Risk Assessment) comes in 3 stages, these being a strategic assessment, an intermediate assessment, and a detailed assessment of flood risk. The strategic assessment is a desktop exercise that helps to identify and categorise the levels of risk and properties potentially affected. From this, the intermediate assessment identifies and prioritises discrete geographical areas, usually a hydrological catchment, into Critical Drainage Catchments (CDCs). The three CDCs selected for stage 3 detailed assessments included Kettering Town Centre (for surface water, sewer and fluvial), Desborough South (for surface water, ordinary watercourses/ land drainage, sewer and fluvial) and East Brook Culvert (for surface water, ordinary watercourses/ land drainage and sewer). Detailed assessments involved hydraulic modelling to understand the flood mechanisms and interactions between the surface water, fluvial and sewer flood sources.
- 2.3 Phase 3 (Options Assessment) considers measures for alleviating surface water flood risk at both the Borough-wide level and within the CDCs. With regards the CDC for Kettering Town Centre, it recommends further investigation of the Slade Brook flood storage area in the upper catchment to deliver multiple flood risk benefits downstream. For the Desborough South CDC, it recommends a

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combination of measures including a flood storage area and channel upgrades in East and West Desborough. With East Brook Culvert, it recommends further investigation of a flood storage scheme in the northern recreation ground at North Park Drive/ Weekly Glebe Road. The report doesn't simply stop at these options, or only cover these areas of the Borough. It also looks at other options including green infrastructure, kerb and drain alterations, SuDS and swales, tree pits and rain gardens, and education and early engagement with developers.

- 2.4 Finally, Phase 4 (Implementation and Review) identified key actions and recommendations for the future of surface water and flood risk management. The actions are largely divided into flood risk management, maintenance, and planning policy and decision making actions. In terms of review, it highlights the Action Plan as a 'living' document that should be reviewed and updated regularly as actions are progressed and investigated. Also, it highlights that key to the successful long term management of surface water will be collaborative working with partners and other stakeholders in providing holistic flood and water management solutions, delivering benefits beyond flood risk. It will also be significant to the Council that in working with other stakeholders, as the lead organisation for actions, the burden of resourcing projects is shared with these other organisations.
- 2.5 The full document, which includes a detailed Action Plan, will be available to access on the Council's website by using the following link [https://www.kettering.gov.uk/homepage/16/planning\\_policy\\_a\\_to\\_z](https://www.kettering.gov.uk/homepage/16/planning_policy_a_to_z)

### **3 CONSULTATION AND CUSTOMER IMPACT**

- 3.1 The SWMP is a technical document prepared following DEFRA's SWMP technical guidance documentation (2010). The preparation of the SWMP relies upon information/records gathered by the SWMP partners, and their individual expertise and knowledge of the local area. No open consultation took place in the preparation of the SWMP beyond engaging with those technical partners with responsibility for flood risk management. The SWMP will form part of the evidence base in preparing Development Plans, preparing projects (eg. green infrastructure initiatives), and determining planning applications.
- 3.2 Chapter 7 of the SSP2 Draft Plan, consulted upon last Summer, highlighted that progress was being made in the preparation of the SWMP. The Pre-submission consultation on the SSP2 is scheduled for this Spring.

### **4 POLICY IMPLICATIONS**

- 4.1 The SWMP will form part of the evidence base supporting the SSP2, and other Development Plan documents.

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### 5. USE OF RESOURCES

- 5.1 The cost of preparation of the SWMP was met within the existing Development Services Planning Policy budget and with financial contributions from Northamptonshire County Council and the Environment Agency.

### 6. RECOMMENDATION

That Members accept the contents of the SWMP for future decision making on Development Plan documents.

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Previous Reports/ Minutes:

None