B Detailed Summary Sheets and Mapping

B.1 DA01 - Swanley and Hextable

Sevenoaks Stage 1 SWMP: Summary Sheet
Drainage Area 01: Swanley and Hextable

Area overview

Area (km^2)	9

Drainage assets/systems	Type	Known Issues/problems	Responsibility
Sewer Network	Sewers (combined, foul and surface water)	Known problems of surcharging and overloaded sewers at numerous locations across the drainage area	Thames Water

Flood risk

Receptor	Source	Pathway	Historic Evidence
A: Hextable	Heavy rainfall resulting in surface water run off and overloaded sewers	Thames Water sewers - Postcode Sector DA2 7 and BR8 7 Overland surface water flows routes from west to north east along College Road, Lower Road and School Lane. The FMfSW also indicate that a likely route for overland flows originates in the Highland and continues north through Hextable.	There is historic evidence from Kent County Council of run off affecting carriageways There are records of hydraulic overload from sewers causing internal and external flooding
B: Swanley Village	Heavy rainfall resulting in surface water run off, overloaded drains/ gullies and sewers. Blocked Drains/ Gullies	Thames Water sewers - Postcode Sector BR8 7 and Cray Road Swanley Ship Lane, Button Street and Swanley Village Road Surface water flowing along Button Street in a north east and north west direction towards School Lane with localised ponding in low lying areas	Incidents of flooding caused by blocked drains There are records of hydraulic overload from sewers causing internal and external flooding
C: Swanley West	Heavy rainfall resulting in surface water run off. A burst water main has also been described as a source of flooding Blocked Drains/ Gullies	Thames Water sewers - Cray Road Swanley Laburnham Avenue and Hart Dyke Avenue Large areas of ponding across Swanley South particularly in low lying areas, such as Ladds Way and Edwards Garden Overland flow route indicated by the FMfSW Surface water flows in a north east direction with London Road possible be a barrier to flows.	Records show heavy rainfall and blocked drains have caused flooding which has been reported as affecting properties in Ladds Way, Edward Gardens and Hart Dyke Road. Records show that a water main burst on Laburnham Avenue
D: Swanley South	Heavy rainfall resulting in surface water run off and overloaded sewers Blocked Drains/ Gullies	St Georges Road Overland flow route indicated by the FMfSW Surface water flows in a north east direction with London Road possible be a barrier to flows.	In 2009 on St Georges Road, anecdotal evidence suggests that there was 2 ft of water in the area and Kent Fire and Rescue were called due to the threat to properties. Flooding was due to blocked drains in the area.

North

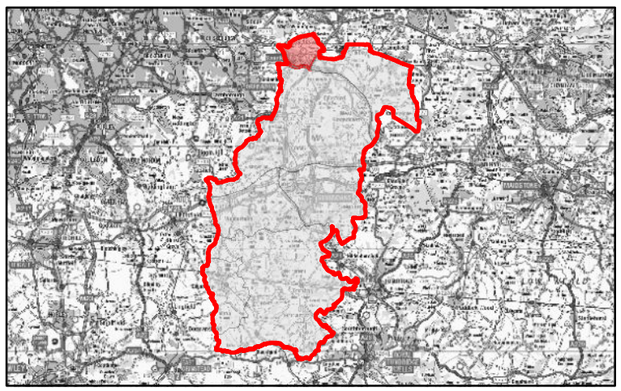
A Hextable

B Swanley Village

C Swanley West

D Swanley South

Key Plan 1:600,000



Legend

- Main Rivers
- IDB Maintained Watercourse
- Ordinary Watercourses
- Upper Medway IDB

Historic Flooding*

- Surface Water
- Surface Water with blocked gullies/drains
- Sewer
- Groundwater
- Fluvial
- Other/ Unknown
- Tidal

* Where an entire road has been highlighted in the historic layer; this does not mean that all the road has flooded in the past but rather no specific location was identified in the records received.

Sewer Flooding Incidents**

Number of flood occurences per postcode area

- 1 - 3
- 4 - 6
- 7 - 8 <

**Polygons only represent the postcode area and not the flood extent

Client: Kent County Council

Consultant: JBA consulting

Partners: Upper Medway Internal Drainage Board; Sevenoaks District Council; Thames Water; Environment Agency; Southern Water

Scale 1:15,000

Please NOTE: Thames Water sewer flooding data was provided at postcode sector level (for e.g. TH13 2). Therefore even though an entire area may be highlighted it does not mean that the location is at risk from sewer flooding.

Sevenoaks Stage 1 SWMP

Historical Flooding
Swanley and Hextable
DA01