

B.5 DA05 - Sundridge, Brasted and Westerham

Sevenoaks Stage 1 SWMP: Summary Sheet
Drainage Area 05: Sundridge, Brasted and Westerham

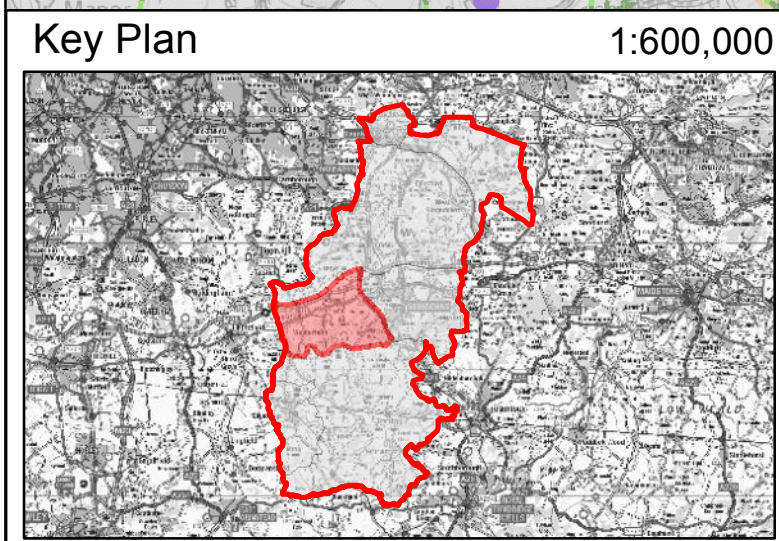
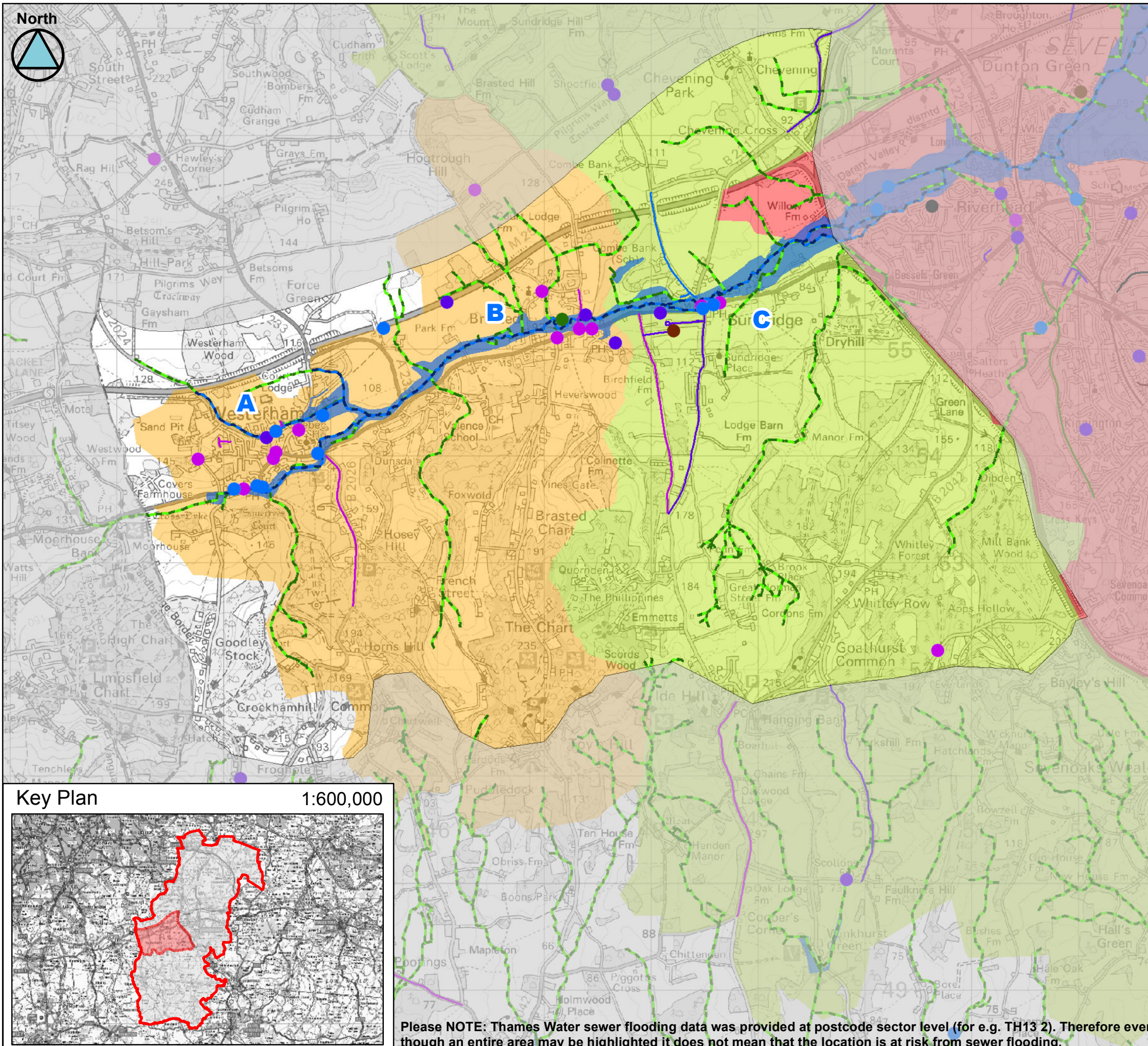
Area overview

Area (km²)

Drainage assets/systems	Type	Known Issues/problems	Responsibility
Sewer networks	Sewer (foul and surface water)	There are records of sewer flooding linked to Thames Water systems	Thames Water
Watercourses	Main River	Known fluvial issues associated with the Main Rivers	Environment Agency
Watercourses, drains and ditches	Non-Main River	Known fluvial issues associated with ordinary watercourses.	Kent County Council and Sevenoaks District Council
Watercourses, drains and ditches	Non-Main River	No specific known problems	Riparian

Flood risk

Receptor	Source	Pathway	Historic Evidence
A: Westerham	Heavy rainfall resulting in surface water run off and overloaded sewers Surface Water with Blocked gullies/drains Fluvial	River Darent Sewers (Church Road, Westerham; High Street, Westerham; and Sunningvale Avenue) Croydon Road, Hosey Hill, Farley Lane, Grange Close, High Street. High Street, Hosey Hill, London Road, Mar well and Rysted Lane FMfSW follows the route of the River Darent and its tributaries	Flooding from the River Darent and its tributaries. Church Road, High Street and Sunningvale Avenue flooded from sewers. The most recent event was dated 1998. In 2012 Hosey Hill, Marwell and Rysted Lane KCC was requested to clear flood water and cleanse gullies at this area. Regular flooding recorded at Hosey Hill and High Street from surface water. The remaining roads referenced have incidents of surface water flooding attributed to them.
B: Brasted	Heavy rainfall resulting in surface water run off Surface Water with Blocked gullies/drains Fluvial Groundwater	River Darent Brasted Place, M25 at Westerham/Brasted. Rectory Lane, Coles Lane, High Street, High Street and Rectory Lane FMfSW follows the route of the River Darent and its tributaries, there is a route identified from Brasted Chart, which follows a dry valley to the River Darent.	Records of the River Darent flooding in 1974 The EA noted that Brasted was vulnerable to groundwater flooding. Regular flooding recorded at Coles Lane, High Street and Rectory Lane. At the M25 at Westerham/Brasted, drainage lagoons which have three stage discharge controls that drain to the River Darent, are believed to contribute to fluvial flooding.
C: Sundridge	Heavy rainfall resulting in surface water run off and overloaded sewers Surface Water with Blocked gullies/drains Fluvial	River Darent Sewers (Main Road, Woodside Road) Combe Bank Drive, Main Road, Woodside Road, Main Road, New Road, Sundridge, Chevening Road and New Road FMfSW (deep) follows the route of the River Darent and its tributaries.	Flooding from the River Darent in 1968, 1975. Localised flooding from the River Darent has affected Chevening Road, Sundridge in the past. Sewer flooding recorded in 2012 on Woodside Road. A commercial premises was flooded on Main Road (date not specified). Regular surface water flooding recorded on New Road, last recorded in 2012. Excess surface water run off has been recorded on Woodside, Chapman's and Church Road. The remaining roads referenced have surface water flood events attributed to them, but records describe isolated events.
D: Other	Heavy rainfall resulting in surface water run off Surface Water with Blocked gullies/drains	Sundridge Road and Gracious Lane	Regular flooding recorded on Gracious Lane



Legend

- A** Westerham
- B** Brasted
- C** Sundridge
- IDB Maintained Watercourse
- Main Rivers
- 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 (Southern Water)**

Number of flood occurrences per postcode area


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

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






Client:



Consultant:



Partners:



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Scale 1:35,000

Sevenoaks Stage 1 SWMP

Historical Flooding
Sundridge, Brasted and Westerham
DA05

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.