

B.2 DA02 - Horton Kirby and Hartley

Sevenoaks Stage 1 SWMP: Summary Sheet
Drainage Area 02: Horton Kirby and Hartley

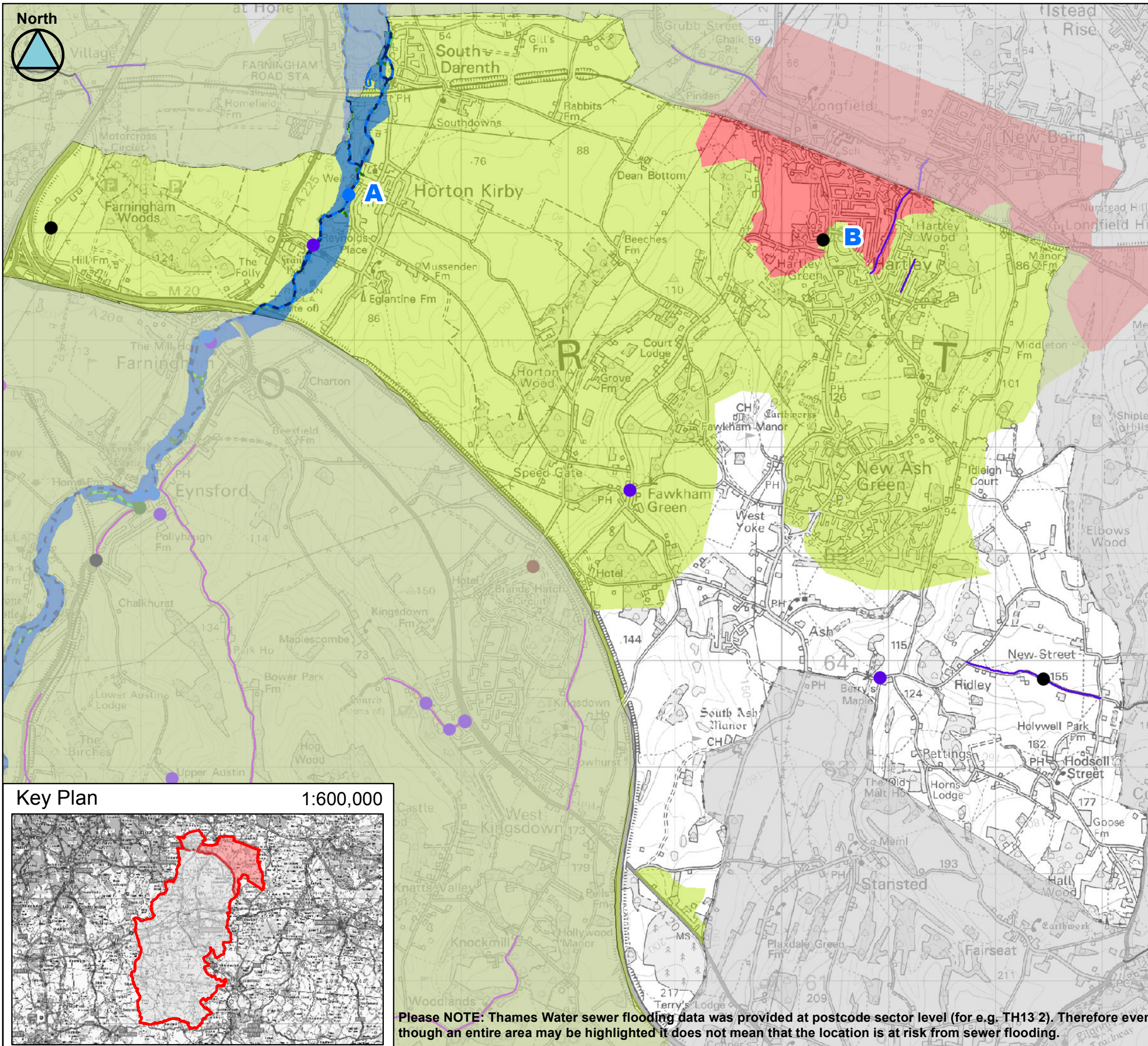
Area overview

Area (km²) 42

Drainage assets/systems	Type	Known Issues/problems	Responsibility
Sewer Network	Sewers (foul and surface water)	Known problems of overloaded sewers at numerous locations across the drainage area	Thames Water
River Darent	Main Watercourse	There are no known issues	Environment Agency

Flood risk

Receptor	Source	Pathway	Historic Evidence
A: Horton Kirby	Heavy rainfall resulting in surface water run off and overloaded sewers	Thames Water sewers - BR8 8, DA2 8, DA4 0, DA4 9 and DA3 8 Button Street and Franks Lane 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 such as Franks Lane and Button Street. There are records of hydraulic overload from sewers causing internal and external flooding
B: Hartley	Blocked drains Heavy rainfall resulting in surface water run off and overloaded sewers	Thames Water sewers - DA4 9, DA3 8, DA3 7 and TN1 56 Bunkers Hill Road, Old Downs, Pease Hill and Springcroft Localised ponding across Swanley West predominately in low lying areas	Incidents of flooding caused by blocked drains There are records of hydraulic overload from sewers causing internal and external flooding



Legend

- A** Horton Kirby
- B** Hartley
- 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 occurrences 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 District Council, Sevenoaks District Council, Thames Water, Environment Agency, Southern Water

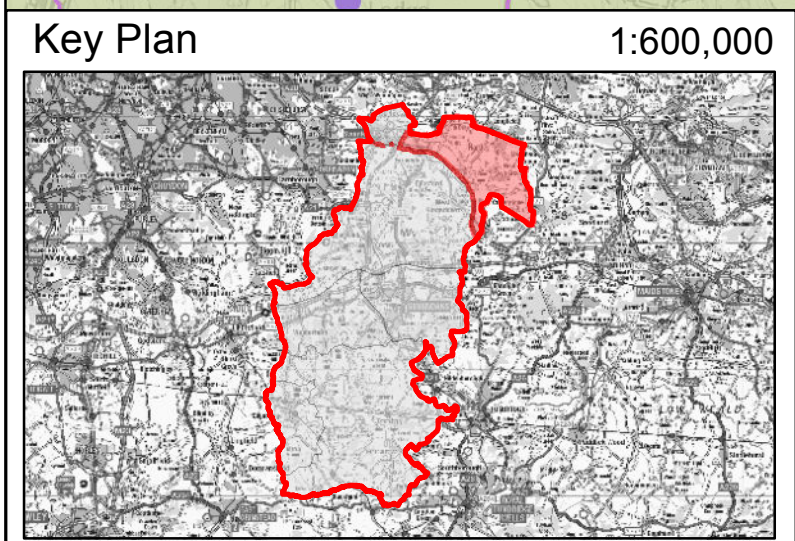
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Scale 1:35,000

Sevenoaks Stage 1 SWMP

Historical Flooding Horton Kirby and Hartley DA02



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.