

C Flood History Table

The following tables should be viewed in correlation with the Historical Flooding maps, see Appendix B. Note that where further information was provided at Data Validation and Action Plan workshops this information has been included within the tables in *italic text*

C.1 DA01 - Swanley and Hextable

Table C 1 Swanley and Hextable Receptors

Receptor	Location
A	Hexstable
B	Swanley Village
C	Swanley West
D	Swanley South

Receptor, see Table C 1	Date (Month/Year)	Location (Area/Road/Street etc)	Source	DA01 - Swanley and Hextable		Comments
				No. of properties affected	Source supplied data (organisation)	
A	2009	College Road	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Records suggest that heavy rainfall caused the carriageway to flood and a lagoon at the front of a property overflowed.
A	2009	Lower Road	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Anecdotal evidence describes the road flooded due to the heavy rains. Water flowed down the road like a river and settled on driveways and not far from property front doors.
A	2009	Panters	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Pavement and carriageway was flooded in this area which is a sheltered housing area with predominately elderly residents
A	Dates not provided	Postcode Sector - DA2 7	Sewer	Six incidents of external flooding recorded	Thames Water	Hydraulic overload
A & B	Dates not provided	Postcode Sector - BR8 7	Sewer	Two incidents of internal flooding and 1 incident of external recorded	Thames Water	Hydraulic overload
B	2009 (Blocked Gully)	Button Street	Surface Water with blocked drain/gully	There are no records of properties flooding	Kent County Council -Highways and Dart Borough Council	Anecdotal evidence describes 4 cars which were stuck in 1 ft of mud during an event in 2009. This is a cross border issue, DBC described that there is much flooding at the bottom of Goss Hill on Clement Street due to an overflowing KCC Highways Lagoon.
B	2009	Ship Lane	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Records suggest four cars were stuck in about 1ft mud. The carriageway was flooded as the water could not drain away.

DA01 - Swanley and Hextable						
Receptor, see Table C 1	Date (Month/Year)	Location (Area/Road/Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Comments
B	2008, 2009	Swanley Village Road	Surface Water with blocked drain/gully	There are no records of properties flooding	Kent County Council - Highways	Anecdotal evidence records 4 ft of water on the carriageway due to a blocked gully. Water has covered the road in the past and has come close to the curtilage of a property. Records suggest that this is an ongoing problem.
B & D	1996, 1997, 2003, 2005, 2006, 2008, 2009	Cray Road Swanley	Sewer	Internal flooding was recorded	Thames Water	Hydraulic overload and blockage (2008).
C	2009	Edward Gardens	Surface Water with blocked drain/gully	There are records of floods affecting properties and gardens	Kent County Council - Highways	Blocked Drain- Records describe blocked drains are causing the cul-de-sac to flood and the water last night flooded a garage. Surface Water - The road flooded and came over the kerb and entered gardens and drives. The path and road were also completely flooded.
C	2009	Hart Dyke Road	Surface Water with blocked drain/gully	A number of internal flooding incidents have been recorded	Kent County Council - Highways	Records show heavy rainfall and blocked drains have caused a number of properties to flood. Water depth was described as reaching 1 ft.
C	2009	Laburnum Avenue, Swanley	Burst water main	There are no records of properties flooding	Kent County Council - Highways	Records show that a water main burst.
C	2009	Ladds Way	Surface Water	Records of flooding within a number of properties curtilage	Kent County Council - Highways	Reports state that the roadway has flooded and surface water has entered a number of garages due to the slope of the roadway and a lack of drains in the area. This is an ongoing issue. Water depths observed are approximately 5 inches deep.
C	2008	Lynden Way	Other/ Unknown	There are no records of properties flooding	Kent County Council - Highways	Records show a burst water main in the area which caused slippery roads and pavements.
D	2009	St Georges Road	Surface Water with blocked drain/gully	There are no records of properties flooding	Kent County Council - Highways	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.

C.2 DA02 - Horton Kirby and Hartley

Table C 2 Horton Kirby and Hartley Receptors

Receptor	Location
A	Horton Kirby
B	Hartley

DA02 - Horton Kirby and Hartley						
Receptor, see Table C 2	Date (Month/Year)	Location (Area/Road/Street etc)	Source	No. of properties affected	Source of report	Comments
A	2011	Button Street	Blocked gully	There are no records of properties being flooded	Kent County Council - Highways	Highway Steward reported that the road flooded due to blocked gullies which created hazardous driving conditions
A	2009	Franks Lane	Surface Water	There are no records of properties being flooded	Kent County Council - Highways	Records show that Fire and Rescue had to rescue a driver from the roof of his vehicle due to high water levels. They advised that a 500 yard stretch of the road be closed as the water level was reported to be 2.5 ft deep
A	Dates not provided	Postcode Sector - BR8 8, DA2 8, DA4 0	Sewer	One incident of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
A & B	Dates not provided	Postcode Sector - DA3 8	Sewer	Two incidents of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
A & B	Dates not provided	Postcode Sector - DA4 9	Sewer	One incident of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
B	2011	Bunkers Hill Road	Blocked drain	There are no records of properties being flooded	Kent County Council - Highways	Records suggest that this area is prone to flooding. A number of drains have blocked which has resulted in a 3 ft deep pool of water, 20ft long across the carriageway.
B	2008	Old Downs	Blocked drain	Records of flooding within the curtilage of a property	Kent County Council - Highways	Records suggest that blocked drains caused water to flow into the garage of a property and residents attempted to clear the drains. Anecdotal evidence suggests that this is a recurring problem.
B	2009	Pease Hill	Surface Water	Records of flooding within the curtilage of a property	Kent County Council - Highways	Records show that the roadway has flooded and historically water levels have reached roughly 2 ft from the front door of a

DA02 - Horton Kirby and Hartley

Receptor, see Table C 2	Date (Month/Year)	Location (Area/Road/Street etc)	Source	No. of properties affected	Source of report	Comments
						property which is located at the bottom of a hill. There are no drains in the area.
B	Dates not provided	Postcode Sector - DA3 7	Sewer	Two incidents of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
B	Dates not provided	Postcode Sector - TN1 56	Sewer	Three incidents of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
B	2008	Springcroft	Surface Water	There are no records of properties being flooded	Kent County Council - Highways	Carriageway flooded

C.3 DA03 - Sevenoaks Rural North

Table C 3 Sevenoaks Rural North Receptors

Receptor	Location
A	Crockenhill
B	Eynsford and Farningham
C	West Kingsdown
D	Shoreham
E	Halstead
F	Knockholt
G	Otford
H	Kemsing
I	Other (isolated incidences across the drainage area)

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	Regular	Church Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that if gullies are not maintained and kept free of leaves, properties in Seven Acres are affected by flooding.
A	None Specified	Cray Road	Fluvial	A car park and some commercial properties have flooded	Environment Agency	EA Meeting Minutes	The EA explained that there is medieval brick culverts are under old houses. The culverts are unable to take peak flows and floods occur in the car park and in some commercial properties
A	1996, 1997, 2003, 2005, 2006, 2008, 2009	Cray Road Swanley	Sewer	Internal flooding was recorded	Thames Water	Thames Water hydraulic overload incidents (supplied 2012)	Hydraulic overload and blockage (2008).

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	Not Specified	Crockenhill	Sewer	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	There are issues with foul sewer flooding in this area.
A	Regular	Crockenhill Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Reports state that grips were deliberately blocked by a farm owner which was eventually cleared. However, this area is still regarded as a drainage hotspot.
A	Regular	Eynsford Road	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that this area floods in sustained wet weather.
A	Regular	Eynsford Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Meeting Minutes	This location was highlighted as a drainage hotspot; KCC described this area as one that is frequently inundated by surface water flooding. KCC Highways are planning to install two soakaways and re-route drainage system to suit.
A	2012	Eynsford Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to provide a tanker to clear flood water at this location.
A	Regular	Seven Acres	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that this area floods after periods of heavy rainfall as the pipe system is unable to cope.
A	Regular	Woodmount	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	This area needs regular inspection/cleaning to alleviate potential flooding.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A, B,D,G	Sep-69	Darent, Shoreham to Riverhead	Fluvial	There are approximately 99 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
B	2012	Bower Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear all gullies and jet lines through to next gully/centre line.
B	Not Specified	DA4 9	Sewer	This historic record does not specify property flooding	Thames Water	DG5 data_May12.xl s	One event of external flooding,
B	Sep-71	Darent & Cray Horton Kirby (M20)	Fluvial	This historic record does not specify property flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
B	Sep-72	Darent Eynsford & Farningham	Fluvial	There are approximately 158 properties that may be affected by flooding based on the GIS files provided by the EA historic	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
				outlines and NRD			
B	Not Specified	Eynsford	Fluvial	This historic record does not specify property flooding	Environment Agency	EA Meeting Minutes	The EA explained that there is a fjord and a highway which floods almost every winter.
B	Not Specified	Eynsford	Fluvial	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council Meeting Minutes	This area has been identified as being prone to fluvial flooding by SDC.
B	Feb-03	Eynsford	Groundwater	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Groundwater incident noted in the Eynsford area.
B	Not Specified	Farningham	Fluvial	This historic record does not specify property flooding	Environment Agency	EA Meeting Minutes	The EA described this area as being vulnerable to flooding from fluvial sources.
B	Jan-03	Farningham	Fluvial	4 properties flooded due to opening of the sluice at Eynsford	Sevenoaks District Council	Sevenoaks SFRA	Four properties flooded this was reported to be due to opening of the sluice at Eynsford
B	Not Specified	High Street	Surface Water	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	This area is prone to flood from surface water run off of water and silt from fields on north west of Farningham roundabout. Properties adjacent to River Darent flooded in 1968 (Fluvial). Properties were flooded by River Darent, Farningham High Street.
B	2012	High Street	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear all gullies and jet lines through to the next gully/centre line.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
B	2012	High Street, Eynsford	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of surface water sewer
B	22/11/2009	Lullingstone Lane	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	There are reports of a river overflowing onto a road (Riverside) that is at the end of Lullingstone Lane.
B	07/08/2008	Pollyhaugh	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 dataset	Resident requested for KCC to upgrade the soakaway to main drainage as there has been a history of flood damage in the area.
B	Not Specified	Riverside	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Properties were recorded as flooded.
B	Jan-03	Riverside	Sewer	This historic record does not specify property flooding	SDC	Sevenoaks SFRA	Records describe Riverside Road was closed for 2 weeks due to flooding and sewage contamination.
B	10/02/2009	Riverside	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road was flooded badly to a depth of 3ft 6.
B	19/03/2011	Station Road	Other/ Unknown	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports state that a water main burst. This caused the road to flood.
B	2012	Station Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear remaining flood water, cleanse gullies and jet connecting lines through to the next gully/centre line.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
C	13/08/2008 01/10/2008 21/02/2010 10/08/2010 03/10/2010	Botsom Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports state that water fills up in a local ditch when it rains. The road was flooded and water overflowed onto a building site. Carriageway flooded. A road was closed due to flooding. A carriageway was flooded (about 80ft x 2ft deep) water overflowed onto the pavement.
C	Regular	Botsom Lane	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	This area has been reported as flooding regularly after sustained wet weather.
C	Not Specified	Brands Hatch, West Kingsdown	Sewer	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Deep sewer running under Brands Hatch has been known to cause problems due to flat gradient.
C	2012	Fawkham Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to provide a gully sucker to clear flood water and jet gullies.
C	2003	Howells Close	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined sewer
C	09/09/2008	Tinkerpot Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	There were two rain water gullies here that were blocked. The reports suggest that there was also sewerage rising from the gullies.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
D	Not Specified	Boakes Meadow	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	An area flooded by River Darent. Records describe that the Manor Drain discharge is restricted by a siphon under Darent.
D	Not Specified	Church Street	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	An area flooded by River Darent. Records describe that the Manor Drain discharge is restricted by a siphon under Darent.
D	2005	Darenth Way	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined sewer
D	2012	Shacklands Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear any flood water and cleanse gullies at this location to prevent further flooding.
D	Not Specified	Shoreham	Fluvial	This historic record does not specify property flooding	Environment Agency	EA Meeting Minutes	Shoreham is vulnerable to fluvial flooding from the River Darent. There are a series of channels that cross throughout Shoreham under channels and through mills.
D	Not Specified	Shoreham	Fluvial	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Un defended floodplain. Some flood history, no details available.
D	Regular	Shoreham Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
D	2012	Shoreham Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was asked to provide a combo to clear flood water and cleanse and jet gullies.
D	13/12/2008	Shoreham Road / Station Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	The road was flooded. The record is unclear on what the cause of flooding was. However, it suggests that it could be as a result of a blocked gully.
E	02/10/2008 10/11/2008	Halstead Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	There was a burst water pipe and the road was flooded to a depth of 2 ft at the dip in the road. There was flooding to a depth of 1ft through Halsted into Knockholt (40-50 yards).
E	Regular	Knockholt Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	Records state that gullies in this area need to be maintained and kept free of leaves. This area needs to be cleaned on a regular basis to avoid flooding.
E	2003	Orchard Road	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload and blockage of foul sewer
E	30/03/2010	Otford Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Records suggest that a gully pipe was under the road. No additional comments provided.
E	Regular	Rushmore Hill	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	Reports show that the roadside ditch overflowed into a pond in adjacent land via an interceptor. It is the responsibility of the landowner to clear this.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
E	1994	Tudor Drive	Sewer	Records describe internal flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer
F	2000, 2001, 2009	Chevening Road	Sewer	Records describe internal flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer. Thames Water explained that a NRV has been fitted and there have been no issues since 2009.
F	Regular	Ovenden Road	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	Records show that this road regularly floods during winter.
F	Regular	Pilgrims Way	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	Records show that grips need to be cleaned on a regular basis.
F	Regular	Shelleys Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	Records show that grips need cleaning every six months.
F	08/03/2011	Stoneings Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	There was flooding near the highway. Water was initially going to be redirected into a local cesspool but this was backfilled. No additional comments provided.
F	Regular	Sundridge Hill	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	Records show that this road regularly floods during winter.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
G	Not Specified	Otford	Sewer	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks SFRA	Flood risk plus sewage contamination due to vented local sewers in places
G	14/04/2009	Pilgrim's Way West	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road frequently flooded and the water depth was reported as approximately 6 inches.
G	2012	Rye Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was asked to attend the site with a 3 in 1 jetter to jet culvert under the carriageway outside "Ensfield", Rye Lane, and Otford.
G	30/12/2008 05/01/2009	Rye Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 dataset	There are reports of a blocked gully/drain in the area which caused water to overflow onto the road. Records also state that these seem to get blocked regularly. Records state that a third of the carriageway was under water (approx. 6 ft x 4 ft) which was not draining away. It was reportedly like this for 2 - 3 weeks. It was also mentioned that previously there used to be a stream in the area.
G	Not Specified	Sevenoaks Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	The road was recorded as passable (River Darent and its tributaries).
G	10/11/2008	Sundridge Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road was completely flooded / impassable.

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
H	2012	Childsbridge Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to cleanse gullies and jet connecting lines through to the next gully/centre line.
H	Sep-70	Darent, Sevenoaks Childsbridge	Fluvial	There are approximately 20 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
H	2012	Highfield Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water and then clear gullies and jet connecting lines through to the next gully/centre line.
H	Not Specified	Kemsing	Groundwater	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Water drains from Kemsing toward M26.
H	16/12/2011	Noahs Ark	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	A culvert was reportedly blocked and needed clearing as the stream was backing up and posed a safety risk to the highway and adjacent properties.
H	Regular	Noahs Ark	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
H	10/02/2009	Parkhill Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	Reports state that a soakaway outside a property was blocked and was not draining the water. This resulted in flooding on the road. Records show that water can be 10 inches deep and has resulted in flooding a garage recently.
H	Regular	Pilgrims Way	Surface Water	This historic record does not specify property flooding	Kent County Council	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	There is a capacity problem along a large stretch of the road which could potentially affect properties.
H	2012	Pilgrims Way	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was asked to provide a 3 in 1 to clear floodwater, cleanse/jet gullies as required.
H	Regular	Pilgrims Way East	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
H	07/10/2009	Pilgrims Way East	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	Reports show that there was a blocked gully at this location which caused the road to flood and water is flowing down a driveway and entering a garage. There are records showing that this gully regularly gets missed when KCC are clearing gullies
H	2012	Pilgrims Way East	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear any flood waters, cleanse and jet gullies around vicinity.
H	1994	Spring Head Lane	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer

DA03 - Sevenoaks Rural North							
Receptor, see Table C 3	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
H	23/01/2009	Watery Lane	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 dataset	The road was flooded to a depth of approximately 1.5ft.
I	24/09/2008	Near a farm, Well Hill	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC P1 Dataset	There were blocked gullies in this area. Water flowed down onto a driveway and was seeping in through the front door of a property.
I	Not Specified	Shoreham	Surface Water	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	This area was highlighted as a drainage hotspot
I	Regular	Tatsfield Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	Kent County Council	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that grips need cleaning every six months.
I	2012	Well Hill	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water and cleanse gullies/jet lines to prevent further flooding.

C.4 DA04 - Sevenoaks Town

Table C 4 Sevenoaks Town Receptors

Receptor	Location
A	Chipstead and Riverhead
B	Sevenoaks North
C	Sevenoaks South
D	Underriver
E	Seal Chart (incl Stone Street)
F	Seal
G	Other (isolated incidences across the drainage area)

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	Not Specified	Amherst Hill and A25, Riverhead	Surface Water	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Flooding by the Harvester Public House. Highway drainage has been improved but small stream adjacent not adequate. Flooding can extend north towards River Darent.
A	1999	Braeside Avenue	Sewer	Records do not describe property as being affected	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined sewer.
A	2000, 2004, 2006	Bullfinch Lane	Sewer	Records describe internal flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload and a blockage were the cause of flooding. Thames Water noted that records reported that mitigation works were complete.
A	Not Specified	Bullfinch Lane	Surface Water	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Low lying property in vicinity of private watercourse floods, this is thought to be caused by excessive run off.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	Jan-03	Chipstead	Fluvial	There are records of 2 properties being affected by flooding.	Sevenoaks District Council	Sevenoaks SFRA	Floods from small stream under M25. Base flow from springs can be significant. River Darent nearby has also caused serious flooding, EA weir carries bypass channel under Chipstead Lane into Chipstead Lake.
A	1968	Chipstead Lakes	Fluvial	Records suggest properties were affected	Environment Agency	EA Meeting Minutes	This area flooded badly in 1968, the EA described that houses were washed away. As a response to these floods, an extra channel was constructed to carry water directly to Chipstead Lakes.
A	26/02/2010	Chipstead Park	Other/ Unknown	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	There are records that show that a water main burst in the area. Southern Water was requested to attend to stop water from damaging property.
A	07/07/2009	Cranmer Road	Surface Water	This historic record does not specify property flooding; there are records of external flooding (driveway).	KCC Highways	KCC P1 Dataset	A drain was reportedly overflowing. As a result, the road and the front half of the driveway was flooded.
A	Sep-74	Darent, Westerham to Riverhead	Fluvial	There are approximately 770 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
A	2012	Hamlyn Court	Sewer	Records do not describe property as being affected	Thames Water	Thames Water Meeting Minutes	Flooding of public open space due to hydraulic overload of foul sewer.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	29/07/2008	London Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	Records state that there was a blocked rainwater gully which caused a local commercial property to flood.
A	2009, 2010 2012	Mill Road	Sewer	Records do not describe property as being affected	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined and foul sewer. A blockage was reported in 2012.
A, B	2000, 2007, 2008, 2011, numerous	Station Road	Sewer	Records do not describe property as being affected	Thames Water	Thames Water Meeting Minutes	Blockage (2011) and hydraulic overload of foul sewer. Internal flooding due to blockages from Fats Oils and Grease (FOG)
A, C	2000 (foul and combined) , 2002, 2004, 2005 (combined) 2012	London Road, Sevenoaks	Sewer	Records do not describe property as being affected	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined and foul (2000) sewer In 2012, Thames Water reported that there was equipment failure (NRV) water seeped through brickwork and flooded basement, there was also some external flooding, and a property's garden was affected. NM explained that numerous works were completed at this location in the last year and the issue has 1992, 2000 been resolved.
A,B	Sep-69	Darent, Shoreham to Riverhead	Fluvial	There are approximately 99 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
B	Not Specified	Bat & Ball Station	Sewer	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Records describe foul sewer capacity issues at this location.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
B	1991, 1992	Bradbourne Vale	Sewer	There are records of property being affected by flooding.	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul (1991) and combined (1992) sewer.
B	Not Specified	Bradbourne Vale Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Flooding was reported to occur regularly.
B	22/02/2010	Bradbourne Vale Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Carriageway was flooded
B	Sep-70	Darent, Sevenoaks Childsbridge	Fluvial	There are approximately 20 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
B	Not Specified	Dunton Green	Sewer	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks SFRA	Flood risk plus sewage contamination due to vented local sewers in places
B	Not Specified	East of Riverhead, Bradbourne Lakes	Groundwater	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Lakes are spring fed and groundwater is high in this area. No history of property flooding but area is potentially vulnerable.
B	None specified	Greatness Lane	Surface Water	This record did not specify flooding of properties	Environment Agency	EA Meeting Minutes	There is regular highway flooding from surface water

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
B	19/01/2009	Harrison Way	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 dataset	Whenever it rains, the gully has to be emptied frequently as it results in flooding of the road and footway. This is probably due to the fact that this site is the lowest point on the road.
B	Not Specified	Hospital Road	Surface Water	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	There were isolated areas of flooding caused by excessive local surface runoff.
B	2004	Linden Chase Road	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer.
B	1995, 1997, 1998, 1999, 2000, 2001	Mill Lane	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer.
B	11/11/2008	Moor Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	Records show that a drain appeared to be overflowing and water started to enter a property.
B	2007	Nursery Close	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of surface water sewer.
B	Not Specified	Otford Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	There were reports of flooding, following a week of heavy rainfall, on the Otford Road, caused by the Honeypot Stream overtopping its banks to the east of the railway and flowing through the railway embankment via the new M26 bridge.
B	01/11/2008	Otford Road	Other/ Unknown	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	No additional comments provided.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
B	2000 (internal), 2012 (external)	Oxford Road	Sewer	Records describe internal and external flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined sewer. A NRV was fitted. In 2012. Thames Water explained that records describe water coming out of manhole into drive. TW reports suggest that FOGS are blocking the sewer causing the surcharge.
B	29/07/2008	Seal Road	Sewer	This historic record does not specify property flooding; there are records of external flooding (garden).	KCC Highways	KCC Highways P1 dataset	Whenever it rains, the sewerage drains back up and discharges into a resident's garden. The sewerage team have been called out previously to try and sort this out but records show that the gullies need to be unblocked otherwise this will keep happening.
B	1998, 1999	St James Road	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of surface water sewer.
B	19/09/2011	St James Road	Surface Water	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	Records state that floodwater nearly entered a property.
B, C	1991, 2006, 2007, 2008,	Seal Hallow Road	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer and blockage of system.
B, F	1992, 1994, 2000, 2007, 2008, 2009, 2010	Seal Road	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Thames Water explained that TW reports describe surface water running down Seal Road A blockage was due to a build up of scale, silt and debris restricting flow. (2008, 2009, 2010)
B,C	1994, 1995, 1996, 2008	Bradbourne Park Road	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of sewer. Blockage in 2008.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
B,C	Sep-76	Darent Sevenoaks Greatness	Fluvial	There are approximately 90 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
C	24/07/2009	Bayham Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	A stormwater drain outside a property was locked/overflowing and therefore the drain was not able to clear. This resulted in water flowing into the property's cellar.
C	1992	Bethal Road	Sewer	This historic record does specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer.
C	06/08/2008	Birch Close	Surface Water	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	A road was flooded and water flowed into a property's garage.
C	2000	Brittains Lane	Groundwater	Records suggest that properties have flooded in the past	Environment Agency	EA Meeting Minutes	The EA described groundwater flooded this road and underneath the floorboards of properties
C	Not Specified	Brittains Lane, Sevenoaks	Surface Water	This historic record does not specify property flooding	SDC	Sevenoaks SFRA	Watercourse culverted but designated public sewer and combines with highway drainage. Floods area adjacent to railway embankment, also flood risk to area to north of railway embankment around Bradbourne Lakes.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
C	1991, 1992	Buckhurst Avenue	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined sewer.
C	1994	Crownfields	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of surface water sewer.
C	Not Specified	Grassy Lane	Surface Water	This historic record does not specify property flooding	SDC	Sevenoaks SFRA	Surface water flooding from dry valley.
C	07/07/2009	High Street	Surface Water	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	As a result of a period of heavy rainfall, there was flooding damage to the flooring of a property.
C	2012	Holly Bush Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was asked to provide a combo to remove flood water.
C	09/02/2009	Holmesdale Road	Surface Water	There are records of several properties and fields being affected by flooding.	KCC Highways	KCC P1 Dataset	A school field was flooded and the water then flowed into the gardens of two properties. The water also flowed into another property to a depth of 6 inches.
C	Regular (1992-94)	Kippington	Fluvial	There are records of property being affected by flooding.	Sevenoaks District Council	Sevenoaks District Council SFRA	A property has been affected by flooding eight times between 1992-1994.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
C	Not Specified	Knole Park	Sewer	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks SFRA	Water discharges via "hole in the wall" (gateway in park boundary wall) and contributes to flooding in Seal Hollow Road that eventually arrives at Mill Pond at top of Mill Lane - some is described as via the Southern Water sewer system.
C	2012	Lea Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water, cleanse gullies and jet lines to prevent further flooding.
C	08/09/2008	London Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding; there are records of external flooding (outside the property).	KCC Highways	KCC Highways P1 dataset	Reports state that a drain was blocked. There had been an attempt to unblock the drain a week prior to this event. However, the drain was still blocked and part of the metal cover appeared to be broken.
C	1992	Marlborough Crescent	Sewer	This historic record does specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer.
C	None specified	Morewood Close	Surface Water	This record did not specify flooding of properties	Environment Agency	EA Meeting Minutes	The EA described a regular problem with surface water accumulating under the railway crossing
C	29/07/2008	Mount Harry Road	Other/ Unknown	There are records of property being affected by flooding.	KCC Highways	KCC P1 Dataset	This road and Birch Close were flooded which caused a garage to flood.
C	30/03/2010	Seal Hollow Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	The carriageway was completely flooded.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
C	Not Specified	Sevenoaks	Groundwater	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	The SFRA describes that some locations where the aquifer cap is missing resulting in groundwater infiltration when full. Typically results in waterlogged gardens not in serious flooding of properties.
C	03/03/2009	Shenden Close	Sewer	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 dataset	Records state that work was being done on a drain here and it was reportedly discharging raw sewage.
C	1992, 2000	Solefield Road, Sevenoaks	Sewer	This historic record does specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer.
C	Not Specified	South Park	Sewer	This historic record does not specify property flooding	SDC	Sevenoaks SFRA	Records describe an overloaded Southern Water sewer, where the surplus water reached Hill House in South Park and then discharged into railway cutting.
C	1991, 1992, 1993, 1997, 1998, 1999, 2000, 2004, 2006 2008, 2009, 2010, 2011	South Park, Sevenoaks	Sewer	This historic record does not specify property flooding	Thames Water	Thames Water Meeting Minutes	Thames Water explained that the property has a soakaway fed by 300mm pipes which drains the catchment. The soakaway is located in a property's back garden, anytime there is heavy rainfall; the back garden floods. According to TW reports this area is unsuitable for mitigation measures.
C	2012	St Botolph's Road	Sewer	This historic record does specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer. Thames Water report mitigation measures were completed for this area.
C	1994 & 1995, 2002, 2007, 2 x 2008, June 2012	St Botolph's Ave	Sewer	This historic record does specify property flooding	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul water sewer. Thames Water explained in 2002 that a basement flooded. Reports from TW describe heavy rainfall overloading the system causing the main sewer to surcharge, water then backed up the gully and flooded the basement of a property.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
C	Regular	Tonbridge Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
C	2012	Tonbridge Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear gullies and jet lines through to the next gully/centre line at the location provided.
C	2008, 2007	Weald Road	Sewer	Records describe property as being affected	Thames Water	Thames Water Meeting Minutes	Surcharge surface water sewer due to heavy rainfall causing the rear of property to flood
C	29/07/2008	Yeomans Meadows	Surface Water	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	Water flooded into a property's porch to a depth of 3-4 inches.
D	2012	Bank Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water, cleanse gully and jet lines through to the outfall in the ditch.
D	2012	Underriver House Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water and jet culvert that runs under the road to prevent further flooding. The road was closed as a result of this.
D	09/11/2010	Underriver House Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Two drains were blocked which caused the road to flood. Records show that the water depth reached 1.5ft, but did not affect properties.
E	2012	Bitchet Green Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water at this location.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
E	16/12/2008	Maidstone Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Standing water was present on the road for several days due to flooding.
E	04/01/2009	Park Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	There are reports of a lot of deep water covering the road which was requested to be cleared.
E	Not Specified	Pond Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 dataset	Anecdotal evidence describes the road was flooded.
E,F	Regular	Park Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
E,F	2012	Park Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was asked to provide a combo to clear flood water, cleanse gullies, and jet lines to the next gully/main line.
F	22/02/2010 04/11/2011	Ash Platt Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Carriageway was described as flooded. There was flooding on the road and a local path. The water receded very slowly.
F	16/12/2008	High Street	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports show that there was a large amount of water by the verge that runs alongside the road (A25). This could be due to a blocked gully.

DA04 - Sevenoaks Town							
Receptor, see Table C 4	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
G	2012	Childsbridge Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to cleanse gullies and jet connecting lines through to the next gully/centre line.

C.5 DA05 - Sundridge, Brasted and Westerham

Table C 5 Sundridge, Brasted and Westerham Receptors

Receptor	Location
A	Westerham
B	Brasted
C	Sundridge
D	Other (isolated incidences across the drainage area)

DA05 - Sundridge, Brasted and Westerham							
Receptor, see Table C 5	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	1991	Church Road, Westerham	Sewer	Records suggest no properties were affected	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of combined sewer
A	Not Specified	Croydon Road	Surface Water	Records suggest properties were affected	Environment Agency	EA Meeting Minutes	Croydon Road picks up highway drainage flows which enter the Westerham Stream, the culvert was blocked and consequently floodwater entered into adjacent properties.
A	26/01/2009	Farley Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding; there are records of external flooding (outside the property).	KCC Highways	KCC Highways P1 Dataset	Records show that a gully was possibly blocked and the road was completely flooded to a depth of approximately 3-4 inches. Water was reportedly lapping up against a commercial property. The water did not seem to be draining away.
A	25/02/2010	Grange Close	Surface Water with blocked drain/gully	This historic record does not specify property flooding; there are records of external flooding (outside the property).	KCC Highways	KCC Highways P1 Dataset	A small square grate in this area was blocked. This caused flooding in the local area to a depth of approximately 10 inches and was lapping up against the walls of buildings.

DA05 - Sundridge, Brasted and Westerham

Receptor, see Table C 5	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	03/11/2011	High Street	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	The carriageway and pavement flooded by 8-10 inches. The flood extent was reportedly 3-4 foot away from property.
A	Not Specified	High Street	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Properties on low lying land are prone to flooding from the Darent.
A	Regular	High Street	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	KCC state that regular jetting is required every 6 months.
A	12/08/2008	High Street	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 dataset	A gully was reportedly blocked and standing water was present at the site.
A	1994, 1995	High Street Westerham	Sewer	Records suggest properties were affected	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer
A	Regular	Hosey Hill	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
A	2012	Hosey Hill	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear gullies and jet all connecting pipework through to the next gully/centre line.
A	Regular	London Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding; there are records of	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	It is stated that regular jetting is required due to flooding issues outside a property.

DA05 - Sundridge, Brasted and Westerham

Receptor, see Table C 5	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
				external flooding (outside the property).			
A	2012	Mar well	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear floodwater and cleanse existing drainage system through to prevent further flooding. Water at risk of entering customer's property.
A	Not Specified	Mill Lane	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Records describe minor flooding of a garden due to surface water runoff.
A	Not Specified	Rysted Lane	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	A roadside stream was reported as flooding the north side of Croydon Road, Ryestead Lane, South Bank and in vicinity of site of former railway station.
A	2012	Rysted Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water and cleanse gullies at this area. They were also requested to jet connecting pipework.
A	1998	Sunningvale Avenue	Sewer	Records suggest no properties were affected	Thames Water	Thames Water Meeting Minutes	Hydraulic overload of foul sewer
A	Not Specified	Vicarage Hill	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Road flooding from Hosey Hill and Westerham Hill. Road drainage system at fault, no quick drainage to main river.
A	1968	Westerham	Fluvial	Records suggest properties were affected	Environment Agency	EA Meeting Minutes	The culvert under Westerham Industrial Estate, which has flooded in the past (not flooded since 1968) but the EA suggested that this should be monitored.
A,B,C	Sep-74	Darent, Westerham to Riverhead	Fluvial	There are approximately 770 properties that may be affected by flooding based	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.

DA05 - Sundridge, Brasted and Westerham

Receptor, see Table C 5	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
				on the GIS files provided by the EA historic outlines and NRD			
B	Not Specified	Brasted	Groundwater	This historic record does not specify property flooding	Environment Agency	EA Meeting Minutes	The EA noted that Brasted was vulnerable to groundwater flooding.
B	Not Specified	Brasted Place	Surface Water	A basement of a property is affected	Sevenoaks District Council	Sevenoaks SFRA	A dry valley to south contributes to some basement flooding and to flooding in Brasted
B	Regular	Coles Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_SWMP_KCC_Highway_Drainage_Hotspots.shp	Records show that grips need to be cleaned on a regular basis.
B	Regular	High Street	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_SWMP_KCC_Highway_Drainage_Hotspots.shp	This area needs regular jetting (once every six months), due to flooding of the High Street.
B	12/08/2008	High Street	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	Two drains were blocked and water reportedly entered a property.
B	Not Specified	M25 at Westerham/Brasted	Surface Water	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Drainage lagoons have three stage discharge controls that drain to the River Darent and are believed to contribute to fluvial flooding. Increased risk in Chipstead from M25 drainage lagoons when full.
B	Not Specified	M25 Junction 5 to Junction 6	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	The River Darent is prone to flooding at this location after heavy rain, not torrential rain. A25, Brasted.

DA05 - Sundridge, Brasted and Westerham

Receptor, see Table C 5	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
B	Not Specified	Rectory Lane	Surface Water	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Flooding occurred in 1968 and 1974 in Brasted. Flooding was reported to be from Darent and surface water drainage problems on the A25.
B	Regular	Rectory Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Reports state that all of Rectory Lane needs regular jetting once every six months.
B	2012	Rectory Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water, cleanse gullies and jet lines through to prevent further flooding.
C	04/11/2011	Chevening Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	The road was flooded due to blocked drains in the area.
C	1968	Combe Bank Drive	Fluvial	This record did not specify flooding of properties	Environment Agency	EA Meeting Minutes	Flooded in 1968, and every few years since from fluvial sources
C	Sep-75	Darent Sundridge Combe Bank	Fluvial	This historic record does not specify property flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.

DA05 - Sundridge, Brasted and Westerham

Receptor, see Table C 5	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
C	Not Specified	Main Road	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Localised flooding from the River Darent affected Chevening Road, Sundridge.
C	Not Specified	Main Road	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	A commercial premises' basement and car park was flooded.
C	07/07/2009	Main Road	Surface Water	There are records of two properties being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	There was a storm in this location and it created a 40 foot wide and 8 foot deep flood. This resulted in the carriageway being flooded. When cars drove past, the bow wave created pushed flood water into two properties.
C	10/02/2009	Main Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	Heavy rainfall was not draining away and as a result a basement was flooded. There were requests for the drain to be cleaned out.
C	Regular	New Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
C	2012	New Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water and cleanse drains
C	Not Specified	Sundridge	Surface Water	This historic record does not specify property flooding	SDC	Sevenoaks SFRA	Surface water affects Woodside, Chapman's and Church Roads

DA05 - Sundridge, Brasted and Westerham

Receptor, see Table C 5	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
C	19/02/2012	Woodside Road	Sewer	This historic record does not specify property flooding; there are records of external flooding (garden).	KCC Highways	KCC Highways P1 Dataset	Thames Water attempted to repair mains but due to blocked drains, water had flooded a resident's garden. There were further requests for Thames Water to cleanse the drain.
D	Regular	Gracious Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that grips need cleaning every six months. No additional comments provided.
D	10/11/2008	Sundridge Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road was completely flooded / impassable.

C.6 DA06 - Sevenoaks Rural South

Table C 6 Sevenoaks Rural South Receptors

Reference	Name
A	Crockham Hill
B	Winkhurst Green
C	Sevenoaks Weald
D	Wickhurst
E	Leigh
F	Penhurst
G	Cowden and Markbeech
H	Four Elms, Hever and Bough Beech
I	Other (isolated incidences across the drainage area)

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	Sep-58	Crockham Hill	Surface Water	There is 1 property that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Outline from 1960 cabinet maps (1958 hatched outline). 1958 flood event largely surface water flooding.
A	Regular	Kent Hatch Road	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.shp	This area is noted as a drainage hotspot

DA06 - Sevenoaks Rural South

Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	2012	Pootings Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was asked to provide a gully sucker in order to clean and jet two gullies causing flooding on the carriageway.
A,	Regular	Main Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
A,	Nov-60	Marlpit and Crockham Hill	Fluvial	This historic record does not specify property flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Digitised from Kent River Authority outline. Cabinet Maps, scale 1:10,000.
B	Regular	Ide Hill Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
B	2012	Ide Hill Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water and cleanse drainage system at this location to prevent further flooding.
B	Regular	Scallops	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that the drain silts up on a regular basis and requires regular jetting.

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
B	10/11/2008	Yorks Hill	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road was flooded which was potentially caused by a blocked culvert.
B,F,H	Nov-60	Eden Edenbridge to Penhurst	Fluvial	There are approximately 300 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Report on Flood Conditions in the Upper Medway Division Nov - Dec 1960. Kent River Authority Flood Outline Map. Flood levels from SWA. Cabinet Maps, scale 1:10,000.
C	09/11/2008	London Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	There was flooding on the road.
C	10/11/2008	Morleys Road, Weald, Sevenoaks	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The carriageway was flooded. One side off the road was unusable.
C	01/03/2010	Scabharbour Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	A pipe under the road was reportedly blocked and ditches were not working which caused the road to flood.
C	Regular	Tonbridge Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
C	2012	Tonbridge Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear gullies and jet lines through to the next gully/centre line at the location provided.

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
D	22/02/2010	Cinder Hill Lane	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	Half the road was reported to have been flooded and there is a history of property damage, due to flooding, in the local area.
D	Not Specified	Coppings Road	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Road and cottages have been flooded; flooding from the Brook was reported to occur once every 1-2 years.
D	Regular	Coppings Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Meeting Minutes	This location was highlighted as a drainage hotspot. There is an ongoing issue at this location with poorly maintained ditches. KCC are currently liaising with landowners to make them aware of their obligations to maintain ditches.
D	Regular	Coppings Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.shp	After flooding, the gullies were requested to be cleaned to remove any silt/debris.
D	2012	Coppings Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to remove flood water, cleanse and jet gullies in the vicinity in order to prevent further flooding.
E	Regular	Ensfield Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Tunbridge_Wells_SWMP_KCC_Highway_Drainage_Hotspots.shp	After flooding, the gullies were requested to be cleaned to remove any silt/debris. The road is on the floodplain.
E	Not Specified	Leigh	Fluvial	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council SFRA	Flood barrier provides protection but some areas still appear flood prone.
E	Oct-00	Medway, Penhurst to Powder Mills	Fluvial	There is 1 property that may be affected by flooding	Environment Agency	Environment Agency Historic Flood Maps	Autumn 2000 Floods Review Report and flood levels. Aerial photographs, ground level photographs. Properties flooded information refers to East Peckham. NOTE-some aerial photographs in 2000 taken off of

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
				based on the GIS files provided by the EA historic outlines and NRD			flood peak.
E	07/07/2009	Penshurst Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road was flooded due to water leak.
E	12/08/2008	Powder Mill Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road was flooded due to blocked gullies. The system required cleaning and jetting gully emptier was required urgently.
E	2012	Powder Mill Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Tonbridge & Malling 2012 P1.xls	KCC was requested to remove flood water, cleanse gullies and jet lines.
E	Regular	Powder Mills	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
E	Not Specified	Powdermill Lane	Fluvial	The EA described that one property has flooded in the past	Environment Agency	EA Meeting Minutes	The EA explained that flooding occurs from the Bid Stream where it crosses Powdermill Lane in an event... <i>This was confirmed by the UMIDB and is thought to be due to the Bid Stream backing up when water levels within the Medway are high.</i>
E,F	Nov-60	Medway Tonbridge	Fluvial	There are approximately 21 properties that may be affected by flooding based on the	Environment Agency	Environment Agency Historic Flood Maps	Report on Flood conditions in the Upper Medway Division Nov - Dec 1960. Flood levels from SWA. Photographs and newspaper cuttings. Total 21 premises flooded in this FEO. Cabinet Maps, scale 1:10,000.

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
				GIS files provided by the EA historic outlines and NRD			
E,F,H	Sep-77	Medway, Chiddingstone, Poundsbridge & Powder Mills	Fluvial	There are approximately 89 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
E,H	Sep-58	Edenbridge to Hildenborough	Surface Water	There are approximately 313 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Outline from 1968 cabinet maps (1958 hatched outline). 1958 flood event largely surface water flooding.
F	11/07/2008	Fordcombe Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	Reports show that there were blocked drains on the B2188 (Fordcombe) at the side entrance of a farm and all the way downhill.
F	Nov-60	Medway, Walter's Green	Fluvial	There are approximately 7 properties that may be affected by flooding based on the	Environment Agency	Environment Agency Historic Flood Maps	Report on Flood Conditions in the Upper Medway Division Nov - Dec 1960. Flood levels from SWA. Cabinet Maps, scale 1:10,000.

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
				GIS files provided by the EA historic outlines and NRD			
F	Sep-73	Medway, Walter's Green	Fluvial	There are approximately 7 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
F	Not Specified	Penshurst	Fluvial	Records suggest that properties may have been affected by this incident	Sevenoaks District Council	Sevenoaks District Council SFRA	Flooding to property, no EA records. Sewage works on island may be vulnerable to fluvial flooding.
F	10/02/2009	Saints Hill	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The River Eden burst its banks and flowed onto the roadway - approximately 1ft depth.
F	18/01/2010	The Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	A drain at this location caused the carriageway to flood and the water flowed downhill towards a commercial property.
G	30/11/2009	Cow Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	A drain outside a commercial property was reported as blocked. The same drain was cleared approximately 6-8 months prior to this event. After a period of heavy rainfall, the carriageway was flooded and the water depth was recorded as approximately 3-4 in

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
G	30/11/2009	Cowden Pound Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Records show that water levels were very deep within a local ditch, causing the carriage way to flood.
G	09/02/2009	Cowden Road	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports describe a culvert was blocked which caused flooding on the carriageway. A ditch was recorded as completely full.
G	Not Specified	Hartfield Road	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Regular over topping from the Mill flooding surrounding gardens and properties. Possibly due to inadequate maintenance of the banks. 75mm rainfall recorded in 3 hours, flooding caused by inadequate channel capacity and obstructions to flow.
G	Not Specified	Hartfield Road	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Following a storm in which about 2.5 inches of rain fell in less than half an hour, two dams impounding water upstream.
G	14/12/2010	Hartfield Road	Other/ Unknown	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports state that a water main burst and water was surcharging out of a pothole that was flooding the road.
G	13/12/2008	Hartfield Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Water was reported as flowing into some stables from a drain.
G	Regular	Hartfield Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012

DA06 - Sevenoaks Rural South							
Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
G	01/03/2010	Hartfield Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	There was a constant stream of water flowing across the road. Several accidents occurred as the water had frozen in the cold conditions.
G	2012	Hartfield Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to attend the site and cleanse any pre-cast concrete gullies and jet the lines through to the next gully/main line.
G	Regular	Spode Lane	Other/ Unknown	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Draina ge_Hotspots.s hp	Flooding was reportedly due to a busted pipe.
H	Not Specified	Bough Beech Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	The road is recorded as being prone to flooding due to a local brook over-topping. The road is in the vicinity of St. Pauls Church & vicarage at Four Elms.
H	10/08/2009	Bough Beech Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	Reports state that the drain appeared to be blocked and that water was flooding a property's cellar.
H	10/11/2008	Clinton Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	A pipe was blocked and floodwater could have possibly entered someone's property.
H	14/12/2009	Clinton Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	There was a request for KCC to clean a blocked gully and jet the pipes through to the outlet.

DA06 - Sevenoaks Rural South

Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
H	Sep-58	Eden Edenbridge	Surface Water	There are approximately 233 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Outline from 1960 cabinet maps (1958 hatched outline). 1958 flood event largely surface water flooding.
H	Sep-68	Edenbridge	Fluvial	There are approximately 718 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.
H	Not Specified	Five Fields Lane	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Road were reported as flooding due to overtopping of upper length of brook.
H	29/12/2011	Five Fields Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Records show that a road was flooded by approximately 3 m2 of water following heavy rainfall.
H	Regular	Five Fields Lane	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Reports state that the gully was filled with debris which caused the road to flood.

DA06 - Sevenoaks Rural South

Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
H	Not Specified	Four Elms Road	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Flooding was reported to occur in the vicinity of Four Elms Road culvert. The Little Broxham Stream was also described as flooding. .
H	2008	Four Elms Road	Sewer	Records describe the curtilage of one property being affected.	Southern Water	initial_summary.csv	Hydraulic overload of foul sewer
H	13/12/2008	Four Elms Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	The road was flooded. Reports suggest that the river burst its banks.
H	Not Specified	Hever Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	A stream flooded over road, but no properties were reported as being affected.
H	23/01/2009	Hever Road	Other/ Unknown	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road was flooded and a lorry was stuck in 4 ft deep water.
H	Regular	Hever Road	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that there were no outfalls to ditches and a road was flooded.
H	Regular	Hever Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Highway_Drainage_Hotspots.s hp	Records show that there was a pipe blockage which caused the road to flood.

DA06 - Sevenoaks Rural South

Receptor, see Table C 6	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
H	Regular	Roodlands	Surface Water	This historic record does not specify property flooding	KCC	Sevenoaks_S WMP_KCC_Hi ghway_Drain age_Hotspots.s hp	Flooding was reportedly due to blocked pipes.
I	Not Specified	Baileys Hill Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Flooding from watercourse in Tonbridge area.
I	Not Specified	Bradley Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Flooding once in 2 years, C251 Grimsbridge Road, Blackham.

C.7 DA07 - Edenbridge

Table C 7 Edenbridge Receptor

Receptor	Name
A	Edenbridge

DA07 - Edenbridge							
Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	13/12/2008	Crouch House Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	A carriageway was flooded.
A	Not Specified	Crouch House Road	Surface Water	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Reports describe localised flooding of road and properties caused by run off from higher ground to north and inadequate surface water drainage system.
A	Sep-58	Eden Edenbridge	Surface Water	There are approximately 233 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Outline from 1960 cabinet maps (1958 hatched outline). 1958 flood event largely surface water flooding.

DA07 - Edenbridge							
Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
A	Nov-60	Eden Edenbridge to Penhurst	Fluvial	There are approximately 300 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Report on Flood Conditions in the Upper Medway Division Nov - Dec 1960. Kent River Authority Flood Outline Map. Flood levels from SWA. Cabinet Maps, scale 1:10,000.
A	Not Specified	Edenbridge	Fluvial	This historic record does not specify property flooding	Environment Agency	EA Meeting Minutes	The EA explained that the issue with Edenbridge is that the bridge does not have sufficient capacity for flood flows through the town.
A	Not Specified	Edenbridge	Fluvial	This historic record does not specify property flooding	Sevenoaks District Council	Sevenoaks District Council Meeting Minutes	This area has been identified as being prone to fluvial flooding by SDC.
A	2000	Edenbridge	Fluvial	This historic record does not specify property flooding, however there are several hundred properties at risk	KCC	Sevenoaks SFRA	Area is at risk of flooding, the bank protection is formerly thought to be 1 in 30-year.
A	Sep-68	Edenbridge	Fluvial	There are approximately 718 properties that may be affected by flooding based on the GIS files provided by the EA historic	Environment Agency	Environment Agency Historic Flood Maps	Main source is cabinet maps. Some other sources of reference, newspaper articles in HFM folder.

DA07 - Edenbridge							
Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source supplied data (organisation)	Source supplied data (report)	Comments
				outlines and NRD			
A	Sep-58	Edenbridge to Hildenborough	Surface Water	There are approximately 313 properties that may be affected by flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Outline from 1968 cabinet maps (1958 hatched outline). 1958 flood event largely surface water flooding.
A	2000	Enterprise Way	Fluvial	This historic record does not specify property flooding	SDC	Sevenoaks SFRA	History of flooding from Skinners Stream due to blocked culvert at Enterprise way. Flood risk at Spitals Cross estate and former school site on Four Elms Road
A	2012	Firecroft Way	Fluvial	Records suggest that properties have flooded in the past	Environment Agency	EA Meeting Minutes	The EA described that council houses are reported to flood as a result of a blocked culvert due to silt. Gardens were flooded in 2012. A CCTV survey was completed in 2012.
A	06/01/2011	Forgefield	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports state that a stormwater drain was blocked and was requested to be cleared due to flooding. Records show that this posed a flood risk to properties in the area.
A	23/01/2009	Four Elms Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports state that two cars were stuck in the flood, indicating that the road was flooded in this location.

DA07 - Edenbridge							
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A	2012	Hartfield Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to attend the site and cleanse any pre-cast concrete gullies and jet the lines through to the next gully/main line.
A	Not Specified	Hever Road	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Road were reported to flood south-east of Delaware Farm, Hever Road.
A	Not Specified	High Street	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	There was localised flooding at the road bridge in High Street, conditions were improved by a flood defence scheme.
A	Regular	High Street	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
A	06/05/2010	High Street / Mill Hill	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	There are reports that show that a drainage team were requesting permission to dig up the road regarding urgent drainage works.
A	04/12/2008	High Street / Mill Hill	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 dataset	Records show that a property was affected by flooding from the gullies outside through the back door of the property. Reports state that all the gullies are surcharging on the high street.
A	Regular	Hilders Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot, A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012

DA07 - Edenbridge							
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A	2012	Hilders Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water from the highway at this location.
A	Regular	Lingfield Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot. A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
A	02/12/2008 18/01/2011	Lingfield Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	A ditch was filled up with leaves etc, and was not draining the water away. This caused the road to flood. The road was reported as flooded for several days.
A	Not Specified	Lingfield Road	Surface Water	There are records of property being affected by flooding.	SDC	Sevenoaks SFRA	There are records of surface water flood history and of flooding to terraced housing
A	2012	Lingfield Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to remove flood water, cleanse and jet gullies.
A	23/01/2009	Little Browns Lane	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC P1 Dataset	The road completely flooded due to a river bursting its banks.
A	Not Specified	Main Road	Fluvial	Records suggest that properties may have been affected by this incident	Environment Agency	An old record from the Environment Agency	Reports describe properties and roads flooded, caused by flooding of upstream section of Skinner's Stream and an inadequate culvert. Reports describe flooding on the Main Road and properties at northern side of town.

DA07 - Edenbridge							
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A	2012	Main Road	Sewer	Records describe the curtilage of six properties being affected	Southern Water	initial_summar y.csv	Hydraulic overload of foul sewer
A	Regular	Main Road	Surface Water	This historic record does not specify property flooding	KCC Highways	Drainage Hotspots.xlsx	This location was highlighted as a drainage hotspot. A drainage hotspot is defined as a flood prone section of the highway network Definition taken from Guidance on the HMEP 2012
A	03/11/2011	Main Road	Surface Water with blocked drain/gully	There are records of property being affected by flooding.	KCC Highways	KCC Highways P1 Dataset	Flash flooding caused the carriageway to flood and the water flooded into a property. This was potentially due to blocked drains in the area.
A	2012	Main Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was asked to attend the site, clear any floodwater, and cleanse gullies and jet lines to clear any potential blockages.
A	Nov-60	Marlpit and Crockham Hill	Fluvial	This historic record does not specify property flooding based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Environment Agency Historic Flood Maps	Digitised from Kent River Authority outline. Cabinet Maps, scale 1:10,000.
A	2012	Marlpit Close	Sewer	Records describe the curtilage of one property being affected.	Southern Water	initial_summar y.csv	Hydraulic overload of foul sewer

DA07 - Edenbridge							
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A	17/01/2011	Marsh Green Road	Surface Water	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Reports state that there was standing water across a road which was not draining away. This was located between the centre of the village on Marsh Green Rd and the junction with Hartfield Rd, Edenbridge.
A	Not Specified	Marsh Green Road	Surface Water	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Road was reported as flooding.
A	18/01/2009	Marsh Green Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	The road byway was reported as flooded which was caused by blocked ditches in the area.
A	2012	Mead Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water, two gullies and jet connecting pipework.
A	2009	Mill Hill	Sewer	Records describe the curtilage of three properties being affected	Southern Water	initial_summar y.csv	Hydraulic overload of foul sewer
A	2012	Mill Hill	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water, cleanse gullies and jet lines through to the next gully/centre line to prevent further flooding.
A	2012	Park View Close	Sewer	Records describe the curtilage of one property being affected.	Southern Water	initial_summar y.csv	Hydraulic overload of foul sewer

DA07 - Edenbridge							
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A	2012	Penlee Close	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear flood water, cleanse gullies and jet connecting lines through to the next gully/centre line.
A	2009	Pit Lane	Sewer	Records describe the curtilage of one property being affected.	Southern Water	initial_summar y.csv	Hydraulic overload of foul sewer
A	2012	Sherden Lane	Surface Water	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to jet through a culvert that runs under Sherden Lane at the junction of Marsh Green
A	2011, 2012	Station Road	Sewer	Records describe the curtilage of one property being affected.	Southern Water	initial_summar y.csv	Hydraulic overload of foul sewer
A	14/01/2010	Station Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	Records show that the gullies were not working and the road was flooded.
A	08/01/2011	Stick Hill / Hartfield Road	Fluvial	This historic record does not specify property flooding	KCC Highways	KCC Highways P1 Dataset	There are details of a highway incident due to a large amount of standing water. No further information was available.
A	2012	Tanners Mead	Sewer	Records describe the curtilage of one property being affected.	Southern Water	initial_summar y.csv	Hydraulic overload of foul sewer

DA07 - Edenbridge							
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A	19/01/2009	Troy Lane	Surface Water	There are records of property being affected by flooding.	KCC Highways	KCC P1 Dataset	The road was resurfaced. The water rushed down the lane and across a garden and entered into the side of a property.
A	2012	Victoria Road	Surface Water with blocked drain/gully	This historic record does not specify property flooding	KCC Highways	Sevenoaks 2012 P1.xls	KCC was requested to clear all gullies and jet lines through to the next gully/centre line.
A	Not Specified	Wayside Drive	Fluvial	This historic record does not specify property flooding	Environment Agency	An old record from the Environment Agency	Flooding was recorded at Spitals Cross from a local watercourse floods (Skinners Stream).