

Community Area Action Plan

Priority area	LFRMS 2014 Opening position	Review of Reporting Period (July 2014 – July 2015)	Review of Reporting Period (July 2015 – July 2016)	Review of Reporting Period (July 2016 to Jan 2019)	Implementation Plan (from Jan 2019 to new LFRMS release date)
Covingham and Nythe	Investigations into the mechanisms of the combined causes of flooding began in September 2013 using the Environment Agency flow model of the River Cole and Dorcan Brook. Outputs from the model were used as part of the combined causes of flooding assessment. An initial evaluation of the costs and benefits of constructing flood protection measures was undertaken and an application made to the Environment Agency for Flood Defence Grant in Aid funding as part of the EA Medium Term Plan. The initial evaluation considered installing measures in a catchment wide scheme and included for improving the capacity of bridges and culverts and providing downstream attenuation for the additional flows passed forward. The initial evaluation suggested that the ratio of the costs to the benefits of that scheme is higher than the threshold for FDGiA funding therefore further study is required to determine if a catchment wide scheme remains feasible. In the interim, investigations to continue to focus on local improvement measures.	1. Sandpiper and Kestrel Drive Bridge culverts with Covingham were de-silted. These works will allow capacity for flows to convey through the structure in the higher order events. 2. SBC worked with the Covingham Parish to improve Martins Playing Fields footpath and playing area flooding issues. SBC have constructed a land drainage network within the areas identified during site visits with the Parish. The works should alleviate flooding on the play areas and public footpaths. The system is to be reviewed periodically to ensure the system meets the flood extents and volumes. 3. CH2M undertook a site visit and submitted an opportunities assessment report to SBC. SBC used the optioneering report to submit a bid for FDGiA funding. 4. The opportunities assessment report prepared by CH2M identified a number of locations where non return valves would be beneficial on the Thames Water SWS network. Thames Water was requested to provide Covingham Multi agency flood group position on non-return valves. 5. CH2M were requested to provide a full hydrological reservoir assessment of Coate Water to assess the feasibility of increasing top weir level to provide additional upstream attenuation. 6. Environment Agency asked to review the control structure in Dorcan FSA (not Wanborough Road FSA) underway. 7. Initial discussions took place with W&BCT engineer re winter storage for canal.	1. A desk top feasibility study was undertaken to identify potential solutions to mitigate flood risk in the areas identified in FDGiA proposal. 2. Local engagement was maintained with the Parish and Flood Groups. Officers attended meetings and provided feedback as required. 3. Liaison was carried out with the Environment Agency to review the control structure in Dorcan FSA (not Wanborough Road FSA). Site meetings revealed that maintenance works would be beneficial to be undertaken on the main river by the EA and they indicated that this will be included on future programmes. 4. Discussions took place with W&BCT engineer regarding their proposal that the canal be used to manage flood risk within and adjacent to the NEV development zone. 5. Localised flood risk identified through reports of obstructions to the flow of Snods Hill Brook. 6. Localised flood risk identified through reports of ground water flooding at Okebourne Park, Dorcan	1. Scope written for feasibility and viability studies and temporary resource recruited from Professional Services Partner to complete Phase 1 desktop feasibility study identifying potential areas of work. 2. Liaised with EA for to commission their NGSa Framework partner to complete the Phase 2 viability assessment and site investigations for FDGiA surface-water works. EA partner to be used as they have a contiguous project to assess and mitigate flood risk arising from the river. 3. Claimed £50k funding for feasibility study. 4. Continued discussions with W&BCT and commissioned Professional Partner who concluded that a canal was not essential to manage flood risk within and adjacent to the NEV development zone. 5. Reports of flooding from property owners between Dorcan Way and Ashbury Avenue made to Thames Water.	1. Work with EA and their Framework partner to complete the Phase 2 viability assessment and site investigations for FDGiA surface-water works. 2. Prepare and submit bid for remainder of £350k FDGiA funding if viability and feasibility studies demonstrate compliance with EA fund allocation criteria. 3. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 4. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible. 5. Finalise hydrological assessment of Coate Water Reservoir to assess the feasibility of increasing top weir level to provide additional upstream attenuation. 6. Investigate and carry out minor mitigation works at Okebourne Park, Dorcan within budgetary constraints where possible. 7. Investigate and carry out minor mitigation works at Snods Hill Brook within budgetary constraints where possible. 8. Investigate and carry out minor mitigation works in association with Thames Water between Dorcan Way and Ashbury Avenue within budgetary constraints where possible.

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Haydon Wick	Haydon Wick Flood mitigation scheme has been carried out recently in partnership with the EA. The project to improve Haydon Brook mitigated flood risk for 118 residential properties; 4 commercial properties and 1 sub-station. Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. No new significant flood risks identified. 2. No investigations undertaken. 3. No works completed.	1. Officers investigated reports that obstructions were causing localised flood risk by impeding the flow of a ditch on Lady Lane, by the Orbital Shopping Centre. The investigations confirmed that a significant amount of silt had collected in the ditch and that maintenance works would be beneficial. 2. No new significant flood risks identified or reported. 3. No investigations undertaken. 4. No works completed.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. Mitigation works in the vicinity of Lady Lane/Elstree Way/Westfield Way by the Orbital Shopping Centre included as a high priority site for the EA 2021 to 2026 pipeline projects capital funded programme. 4. Reports of localised flooding to SBC and Thames Water in the vicinity of Osterley Road, Cloudberry Road and Windflower Road.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible 3. Submit formal application to EA for funding to carry out mitigation works in the vicinity of Lady Lane/Elstree Way/Westfield Way by the Orbital Shopping Centre when applications for the next EA 2021 to 2026 programme opens. 4. Continue investigations and submit formal application to EA for funding to carry out mitigation works in the vicinity of Osterley Road, Cloudberry Road and Windflower Road when applications for the next EA 2021 to 2026 programme opens.
South Marston	Highway Drainage improvement work has been completed recently to mitigate the flood risk for residential properties in Thornhill Road. Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. It was determined through the desktop study that under the new FDGiA funding processes, South Marston does not qualify for partnership funding. Flood investigations and mitigation measures will continue to be considered at South Marston within any locally funded budgets where possible. 2. The DACS investigations at Gablecross roundabout provided confidence that minor maintenance and jetting works would significantly reduce the impacts of highway flooding. These works were completed as programmed. 3. The DACS investigations on the A420 provided confidence that minor maintenance and jetting works would significantly reduce the impacts of highway flooding. A programme of highway and drainage ditch flood mitigation maintenance was completed in this location as programmed. 4. Drainage asset improvements were completed in the areas of Old Vicarage Lane and Acorn Bridge following investigations into reports of highway flooding.	1. No new significant flood risks identified or reported. 2. No new investigations undertaken. 3. Minor drainage mitigation improvement works were completed on the highway surface water drainage network and watercourse within the vicinity of the A420 including Lower Copse, Shriven Road. 4. Cyclic highway maintenance regimes continued to be carried out on the A420 in line with the SBC gully maintenance policy.	1. No new significant flood risks identified or reported. 2. Investigation into localised highway flooding on Highworth Road, near South Marston Industrial Estate revealed that a ditch had been obstructed during the construction of a carpark which had been developed without planning permission. Matter passed to planning enforcement team and retrospective works to reform ditch agreed. 3. CCTV surveys carried out in the vicinity of Gablecross Roundabout and Whitehart Roundabout during the planning phase of major capital funded NEV improvement projects. CCTV footage indicates that a number of pipes have failed and will need to be replaced during the works. 4. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible. 3. Support planning processes for developments proposed within the South Marston area as statutory consultee for the Lead Local Flood Authority. 4. Ensure that retrospective works to restore ditch on Highworth Road, near South Marston Industrial Estate are completed through the planning enforcement system.

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Upper Stratton - Meadowcroft area	Highway Drainage maintenance work has been completed in this region recently to mitigate flood risk. Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. Localised flood risk identified through reports of highway flooding at Kembrey Street. Minor mitigation works were undertaken to install a new drain.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.
Upper Stratton – Beechcroft area	Highway Drainage maintenance work has been completed in this region recently to mitigate flood risk. Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. No new significant flood risks identified. 2. No investigations undertaken. 3. No works completed.	1. Localised flood risk was identified through reports of flooding in Beechcroft Road. A DACS investigation, carried out to assess the cause of the problems revealed that a culvert had broken which had also caused a significant void to be formed under the carriageway. Emergency works were implemented to replace the broken culvert and make the highway structurally safe.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.
Upper Stratton - whole area	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. It was determined through the desktop study that under the new FDGiA funding processes, the proposals will not qualify for partnership funding.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.
Shaw - Roughmoor	Desktop study in progress to consider the feasibility of applying for an FDGiA partnership funded flood risk management scheme. Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. It was determined through the desktop study that under the new FDGiA funding processes, the proposals will not qualify for partnership funding. 2. DACS investigations at Roughmoor Way provided confidence that minor maintenance and jetting works would significantly reduce the impacts of highway flooding. These works were completed as programmed.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.
Central - River Fleet	Investigations carried out at the River Fleet identified the requirement for de-silting works to be carried out. Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. A proposal to form a partnership between Swindon Borough Council; local residents, allotment owners and other agencies was successfully implemented in conjunction with Locality Leads. Local improvements which realised as a result of the partnership included: a. De-silting works to improve the conveyance of the River Fleet. b. A bankside clearance programme to remove	1. An investigation was undertaken to establish the cause of the highway flooding and ponding at Wootton Bassett Road, confirmed that the area would benefit from cyclic maintenance and drainage asset improvements. The required works were able to be funded and completed during the reporting period using the annual drainage revenue budget.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.

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		obstructions from the banks of the River Fleet. - The potential to commence a programme of community education was investigated in conjunction with the Locality Leads to ensure that riparian owners are aware of their responsibilities for maintenance. The proposal failed to attract sufficient support to gain traction but may be re-considered if identified as a priority by Locality Leads in future. - Localised flood risk identified through reports of cycleway flooding from Wootton Bassett Road to Frankland Road. Emergency maintenance works were undertaken to clear the culvert and screen. Minor maintenance undertaken to mitigate flood risk on the banks and watercourse at the entrance of the culvert adjacent to the railway-line by SBC as the riparian owners.			
Town Centre	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	- Cluster analysis undertaken in order to under-stand contributory factors to flood risk. The analysis identified that DACS Investigations will be required to determine how the flood risk may be mitigated. - Drainage DACS investigations completed in the following areas: Commercial Road; Regent Circus (near the Cenotaph); Davis Place; College Street; Villet Street; Queen Street and the Wyvern area. The investigations revealed no major defects were present on the highways drainage assets and major repair works are not required.	Localised flood risk was identified through reports of footway flooding in normal rainfall events at Regents Circus (near Wyvern Theatre). A CCTV survey, carried out to assess the cause of the problems, confirmed that minor maintenance and repair works would be beneficial. The required works were able to be funded and completed during the reporting period using the annual drainage revenue budget.	- No new significant flood risks identified or reported. - CCTV surveys carried out in the vicinity of Regents Circus during the planning phase of major capital funded improvement project. CCTV footage indicates pipework was adequate and did not need to be replaced during the works. - Highway improvement works at Regents Circus included the replacement of carriageway gullies and reshaping of footway and carriageway surfaces to improve flow.	- Monitor customer reports and inspection data following periods of sustained or extreme precipitation. - Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.
Wanborough	An evaluation of the costs and benefits of increasing the resilience of drainage assets to mitigate flooding has been undertaken. An application was subsequently made to the Environment Agency for Flood Defence Grant in Aid (FDGIA) funding and the bid was accepted as part of the EA Medium Term Plan.	- Design work for Lower Wanborough was undertaken which identified that ~ 40 properties will benefit from increased standard of protection once works are complete. Works programmed to commence 2015/16 in accordance with EA funding. - Localised flood risk identified through reports of Highway Flooding in Burycroft area. DACS Investigations to be planned to determine how the flood risk may be mitigated.	- Detailed design, procurement and construction works were completed to deliver flood mitigation works at the High Street, Kite Hill and Rotten Row. - Officers attended meetings and site visits with Local Flood Groups and the Parish Council throughout the reporting period in order to investigate and co-ordinate ongoing issues in the Marsh area. - Officers worked with the developer of the Ducksbridge site to replace and upgrade	- Reports that localised highway flooding continues in the vicinity of the recent mitigation project. Investigations by the project team revealed that no additional improvement works were possible within the existing scheme constraints however jetting maintenance works to clear the culvert and pipework on High Street in the vicinity of Jubilee Cottage to the Sewage Works, downstream of reported problems was carried out. - Additional mitigation work to improve	- Continue to monitor customer reports on areas including Pack Hill and Burycroft and collect inspection data following periods of sustained or extreme precipitation. - Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible. - Continue to support Parish Flood Groups through meeting attendance

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			off-site drainage assets and fulfil the conditions of the agreement made between the Developer; Parish Council and Planning Authority. 4. An investigation into the reports of footway flooding at Kite Hill concluded that the problems originated with works to develop the Stanley Close site. The developer and planner for the site were informed of the issues and directed to pursue a solution through the planning process.	the downstream capacity on High Street in the vicinity of Jubilee Cottage to the Sewage Works included on the long list of sites for the EA 2021 to 2026 pipeline projects capital funded programme. 3. Carried out walkover survey with the Parish Council and Flood groups to establish assets; conditions and problem areas within the Parish.	where required. 4. Submit report to Parish and Flood groups following walkover survey detailing assets; conditions; problem areas and potential improvements within the Parish. 5. Review priority list and if possible, submit formal application to EA for funding to carry out mitigation works on High Street in the vicinity of Jubilee Cottage to the Sewage Works when applications for the next EA 2021 to 2026 programme opens.
Rodbourne Cheney	An evaluation of the costs and benefits of mitigating flooding has been undertaken. An application was subsequently made to the Environment Agency for Flood Defence Grant in Aid (FDGIA) funding and the bid was accepted as part of the EA Medium Term Plan.	1. Works procured and commenced for flood mitigation scheme at Cheney Manor with a programmed value of £3,273 M. Business and Property mitigation will be implemented for 149 premises in Cheney Manor Industrial Est. (North and South Cheney Manor Road), Iffley Road, Wembley Street, Surrey Road, Northern Road and Brindley Close.	1. The flood mitigation scheme at Cheney Manor was completed as scheduled in October 2015. 2. No new significant flood risks identified or reported since mitigation works completed. 3. No new investigations were undertaken.	1. Contract tendered to survey and clean drainage assets in the vicinity of Bruce Street Bridges including the attenuation features installed in 2015. Works anticipated to be completed by April 2019 2. Reports of localised flooding to Thames Water at Somerset Road in the vicinity of Vicarage Road 3. No investigations undertaken.	1. Survey and clean drainage assets in the vicinity of Bruce Street Bridges including the attenuation features installed in 2015. (1st phase of survey complete at date of publication – further detailed survey required within the implementation plan period) 2. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 3. Carry out investigations and minor mitigation works at Somerset Road in the vicinity of Vicarage Road and for any other issues identified within budgetary constraints where possible.
Walcot and Park North	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. A partnership with East Locality Flood Action Group was established to identify areas of highway flooding across the Locality under the Pathfinder Project. 2. Drainage DACS investigations were undertaken in partnership with the East Locality Flood Action Group which was established to identify the causes of highway flooding under the Pathfinder Project. The partnership determined that many of the issues could be resolved simply with minor routine highway maintenance. The works were completed as agreed with the partnership and no further activities are planned. 3. The results of DACS drainage investigations at Queens Drive by the	1. Officers continued to offer support to the East Locality Flood Action Group as required. 2. The maintenance works on Queens Drive at the junction with Wolsley Avenue (southbound and northbound) identified during the DACS investigations were completed and funded using the annual drainage revenue budget. 3. Localised flood risk was identified through reports of highway ponding on the approach to the Texaco Petrol Station at Queens's Drive. Investigations confirmed that maintenance would be beneficial however have been deferred until a priority housing project within this area is completed.	1. Localised Flood Risk identified following reports of flooding on Queens Drive adjacent to New College. Investigations concluded that the flooding was footway ponding due to the general shape of the surfacing and no reasonable improvements were possible. 2. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works at Queens's Drive in the vicinity of the Texaco Petrol Station and for any other issues identified within budgetary constraints where possible.

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		junction with Wolsley Avenue (southbound and northbound) showed minor defects to the highways drainage assets. The highway drainage is served by the Thames Water surface water network which was also seen to be heavy silted. Works to be programmed to repair highway assets and request made to Thames Water to de-silt their sewer.			
Gorsehill	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. Localised flood risk identified at Malvern Road, Gorse Hill. Drainage DACS investigation carried out and works undertaken to maintain culvert to mitigate flood risk. EA informed of flood risk and asked to review the main river network.	1. Further investigations were carried out to prove the connectivity of the drainage network between Norman Road and Malvern Road. 2. Officers liaised with the EA and landowners to ensure that they understood and complied with their respective riparian responsibilities for to maintain the Malvern Road Drain and the Hreod Burna watercourses.	1. Thames Water CCTVd the drainage network through the culvert to the watercourse between Norman Road and Malvern Road and concluded that no improvements in serviceability or design were possible to the assets. 2. No new significant flood risks identified or reported. 3. No works completed	1. Monitor customer reports and inspection data of areas including Norman/Malvern Road following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.
Middleleaze	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. No investigations undertaken. 2. No works completed.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out investigations and minor mitigation works for any issues identified within budgetary constraints where possible.
Wroughton	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit. Concerns about Devizes Road culvert raised by Wroughton Parish Council during winter 2013/14. Desk study identifies defects with the asset.	1. Minor mitigation works were undertaken to maintain the culvert at Devizes Road following reports of localised flood risk. 2. Localised flood risk identified at Brimble Hill. Drainage DACS investigation carried out in the following areas: bottom of Brimble Hill (B4005), bottom of Overtown Hill, eastern part of The Pitches, all of Marlborough Road (B4005), and the Three Tuns roundabout. The DACS results showed that although the drainage at Brimble Hill area is predominantly served by Thames Water assets, some major defects are present in highways drainage assets. Works to be programmed to repair highway assets when funds permit. 3. Officers worked in partnership with Wroughton Parish Council to develop a Local Flood Plan. 4. Officers continued to support the	1. A DACS investigation, carried out to assess the cause of localised flood risk in the Brimble Hill area confirmed that: • Marlborough Road from Overtown Hill junction to the Three Tuns roundabout is serviced by a Thames Water carrier drain. This system was included within the CCTV survey but only to prove connectivity not condition. • Groundwater problems affecting the highway are present and some groundwater is collected and discharged onto the highway from a private system. • Highway assets from Overtown Hill to Wanshot Close within the carriageway are predominately owned by the Council and nearly all of this section of drainage network is in need of some refurbishment. The DACS report was passed onto the	1. A CCTV and topographical survey was completed in the vicinity of the zebra crossing at Devizes Road to investigate the reports of localised flood risk. The gullies and piped network were cleaned up to the outfall into the river. The investigation concluded that: a. The existing Thames Water system could not be improved to increase flows however the capacity of the catch-pits and the gully-pots may be able to be increased, to keep the system active in lower rainfall events for longer. b. The road level at the zebra crossing is approximately the same level as the outfall into the river so there is no positive fall and the outfall is drowned out when the river level rises during rain. c. The only feasible option to solve	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out minor mitigation or maintenance works for any issues identified within budgetary constraints where possible. 3. Carry out further investigations at Devizes Road to determine if it can qualify for Thames funding and/or EA funding if the area of interest is extended to include other problem sites in Wroughton. 4. Carry out further investigation at Devizes Road to see if the capacity of the gully-pots and catch-pits can be increased and to see if changes to the maintenance and operation of gullies can reduce occurrence. (1st phase of survey complete at date of publication

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		Wroughton Parish Flood Group Meetings throughout the refinement of the Local Flood Plan to promote community resilience. 5. Localised flood risk identified through reports of Highway Flooding at Swindon Road. DACS Investigations revealed that the highway drainage system discharges into a third party asset. The whole drainage network was cleaned to the outfall. The highway drainage functionality is dependent on the third party asset and the owners of the asset were made aware of their responsibilities for on-going maintenance. Monitoring to be carried out to determine whether problems with highway flooding have abated.	planning team for their consideration when the proposals for development are assessed. 2. The monitoring of the occurrences of highway flooding at Swindon Road determined that although the fundamental problem remained with the condition of the third party asset, some improvement may be possible by increasing the frequency of cleansing for the highways assets. A new maintenance regime was instigated to inspect assets twice yearly and clean them at least once a year. 3. An investigation, carried out to assess the cause of the obstruction of flow at Wroughton Brook in the vicinity of the Pitches, confirmed that minor maintenance and repair works would be beneficial. The required works were able to be funded and completed during the reporting period using the annual drainage revenue budget. 4. Localised flood risk was identified through a report of highway ponding from a Highways Project Manager constructing a new zebra crossing on Devizes Road. A desktop assessment revealed that the existing watercourse and piped drainage network levels are restricted by the local topography. This means the area has a shallow and flat drainage network which will be subject to surcharge during heavy rainfall.	the situation in high rainfall events would require major capital investment such as altering the profile of the road or attenuating water in a tank and and pumping it to the water-course once the river level drops. As the current EA grant funding calculator prioritises funding to sites with internal property flooding, this site is unlikely to receive sufficient grant funding to carry out mitigation works on its own merit. Discussions with Thames Water revealed that if the highway drainage can be disconnected from the surface-water sewer or flow into the sewer reduced the site may qualify for grant funding they have available from 2020. 2. Officers liaised with riparian owner of field at Swindon Road who cleaned and re-profiled the ditch. Thames Water cleaned their system between the road and the outfall into the ditch. Defects in Thames pipework were identified which they are aware may need to be repaired in future to maintain efficacy. 3. Localised flood risk reported to SBC and Thames Water at Perry's Lane in the vicinity of Mill Close. This is relatively close to the area near Brimble Hill, Overtown Hill and Marlborough Road. Investigations into the flooding at Perry's Lane revealed that one of the two culverts and other highway drainage assets at Perry's Lane are owned by the Council and are in poor condition. Maintenance and mitigation works for the whole region included as a high priority site for the EA 2021 to 2026 pipeline projects capital funded programme. 4. Localised flood risk reported to footpath south of M4 leading from Wichelstowe across footbridge towards the Ridgeway School in Wroughton. Investigations concluded that the footpath was an un-mettalled footpath across open fields with a surface-water flow route across them. No practical solution identified to	– further detailed survey required within the implementation plan period) 5. Submit formal application to Thames Water/EA for funding to carry out mitigation works in the vicinity of the zebra crossing at Devizes Road along with other sites at risk in Wroughton including Perrys Lane, Brimble Hill, Overtown Hill and Moormead Road when applications for the 2020-2022 Thames funding and EA 2021 to 2026 FDGiA funding opens - providing sufficient benefits can be justified under the calculation rules for either organisation.
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				remove the surface-water flow aside from minor maintenance to top up and re-grade the un-mettalled footpath periodically as it washes away.	
Tadpole Lane	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. Localised flood risk identified through reports of highway flooding at Tadpole Lane. Investigations and minor maintenance works carried out on the highway ditch to mitigate flooding as far as possible within the available budgets. 2. Localised flood risk asset identified during development at Wildwood Caravan Park, Blunsdon St Andrew. A desk top study identified third party asset to record on Flood Risk Register.	1. The proposal during the previous reporting period to investigate the potential for a partnership arrangement with the Locality to increase the resilience of the ditches at Tadpole Lane was not actioned due to the re-allocation of Locality funding. 2. An investigation, carried out to assess the cause of the obstruction of flow at Lady Lane (South), confirmed that minor maintenance and repair works would be beneficial. The required works to re-profile the ditch were able to be funded and completed during the reporting period using the annual drainage revenue budget.	1. Local flood risk identified following reports of flooding on Lady Lane either side of the new Diamond Crescent development. Cleaning of highway assets in the area was carried out using the annual drainage revenue budget.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out minor mitigation or maintenance works for any issues identified within budgetary constraints where possible.
Lower Stratton	Localised flood risk identified through desktop study which concluded that surface water drainage maintenance may be a contributory factor. DACS Investigations to be planned in order to determine how the flood risk may be mitigated.	1. Drainage DACS investigations at Church Street and Kenwin Close showed defects to the highway drainage network which is also partly served by the Thames Water surface water network. Further Drainage DACS investigations and remedial works to be programmed when possible within budgetary constraints.	1. No new significant flood risks identified or reported. 2. No new investigations undertaken. 3. The minor maintenance works identified during DACS investigations in the last reporting period at Church Street and Kenwin Close were carried out on the highways drainage assets as planned.	1. Local flood risks outside Lucknow Garage, Stratton Road identified through reports of localised highway flooding. 2. DACS investigation into Flood risk outside Lucknow Garage, Stratton Road identified root blockage in a surface water sewer. The location of the downstream manhole cannot be found to clear the blockage but may be on Network Rail land. Thames Water asset records for the area are inaccurate and they have been requested to visit site and confirm the true position of their assets. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out minor mitigation or maintenance works for any issues identified within budgetary constraints where possible. 3. Confirm position of Thames Water assets; locate downstream manhole and clear blockage to pipework outside Lucknow Garage, Stratton Road.
Priory Vale	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. Drainage DACS Investigations were carried out on the southernmost roundabout of Queen Elizabeth Drive located adjacent to The Tawny Owl public house. The investigation revealed that: a. The highway drainage to the north of the roundabout is served by Thames Water; b. A number of defects are present in the highway drainage asset network; c. The highway drainage to the west of the roundabout is owned by SBC and outfalls under Thames down Drive into a ditch network. d. The ditch network requires	1. Minor maintenance works on the land drainage networks on Queen Elizabeth Drive, identified as being of benefit in the last reporting period were completed to increase flows through the ground water networks as planned. 2. Localised flood risk was identified through a report of flooding in the open space and highway within areas of Priory Vale and adjacent developments. 3. Localised flood risk identified through reports that historic ditches have become lost or blocked as a result of development or other changes to the local topography	1. No new significant flood risks identified or reported. 2. No investigations undertaken. 3. No works completed.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out further investigations, minor mitigation or maintenance works in the open space and highway at Priory Vale and for any other sites identified during the reporting period within budgetary constraints where possible.

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		maintenance and widening to improve the hydraulic performance. e. There is ground water ingress into the highway drainage network which requires remedial work. Further Drainage DACS investigations and remedial works to be programmed when possible within budgetary constraints.	and streetscape.		
Highworth	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as required where budgets permit.	1. Drainage investigations at Home Farm and the surrounding pedestrian paths were completed. The investigation revealed that: a. Most of the drainage assets in the area are heavily silted and calcified. b. The majority of the drainage networks are owned by Thames Water who are responsible for ensuring hydraulic performance. c. A groundwater/land drain located at the toe of the embankment within Home Farm footpaths is critical to the effective functioning of the drainage network. Thames notified that their assets require de-calcifying/de-silting to maintain hydraulic performance.	1. Localised flood risk identified through reports of a spring at Eastrop, Highworth. 2. An investigation, carried out to assess local flood risk at Eastrop confirmed that minor maintenance and repair works to Thames Water assets would be beneficial. Officers liaised with Thames Water to ensure that the required works were able to be funded and completed during the reporting period. 3. Minor mitigation works to prevent property flooding at Home Farm, identified as being of benefit in the last reporting period were completed. The surface water which flowed over pedestrian paths and embankments has now been into a drainage system. 4. Localised flood risk identified through reports of persistent ponding on Cricklade Road. A CCTV investigation confirmed that minor maintenance and repair works would be beneficial. The required routine maintenance and mitigation works were able to be funded and completed during the reporting period using the annual drainage revenue budget. 5. An investigation, carried out to assess the cause of reports of ground water/Spring flooding to properties within Windrush, Highworth, confirmed that minor maintenance and repair works would be beneficial. The required routine maintenance and mitigation works were able to be funded and completed during the reporting period using the annual drainage revenue budget.	1. Localised flood risk identified through reports of flooding on the A361 at Upper Inglesham near the Swindon boundary. Investigations concluded that the existing 'rathole' drainage assets were of insufficient capacity to handle current levels of surface water and need upgrading. Mitigation works included as a potential site for the EA 2021 to 2026 pipeline projects capital funded programme. 2. Localised flood risk identified through reports of flooding at Roundhill Meads. Investigations identified that the Thames water surface water system discharges into a ditch on private land. Thames Water have cleaned their assets up to the outfall and officers have advised the riparian owners of their responsibility to maintain the ditch.	1. Review priority and if feasible submit formal application to EA for funding to carry out mitigation works in the vicinity of A361 at Upper Inglesham near the Swindon boundary when applications for the next EA 2021 to 2026 programme opens. 2. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 3. Carry out minor mitigation or maintenance works for any issues identified within budgetary constraints where possible.
Blunsdon	Flooding reports and updates to the EA model to be monitored and investigations undertaken to investigate significant flood risk as	1. Localised flood risk identified through reports of ground water flooding at High Street, Blunsdon Minor drainage improvements carried out to mitigate risk.	1. Further investigations into the reports of local flood risk on Broad Bush (B4019), in-between Beach Lea and Sams Lane, which were identified as being of benefit in the	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation.

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	required where budgets permit.	2. Drainage investigations at Broad Bush (B4019) focussing on the area in-between Beach Lea and Sams Lane were completed. The investigation revealed that: a. The highway drainage discharges to a ditch on the northern verge of the carriageway. b. The ditch was observed to be heavy silted (approx. 75-80% siltation). c. The drainage assets within the investigated area are prone to vegetation and root intrusions. Works to be programmed to de-silt the ditches and to implement root protection measures on critical drainage assets when possible within budgetary constraints. 3. Localised flood risk identified through reports of groundwater flooding and an obstructed watercourse on Hunts Hill. Investigations and minor maintenance works carried out on the highway ditch to mitigate flooding as far as possible within the available budgets.	last reporting period, confirmed that the highway drainage system discharges through third party assets. As a result, officers have deferred the planned works and advised the riparian owners of their responsibility to maintain these assets. .	2. Carry out minor mitigation or maintenance works for any issues identified within budgetary constraints where possible.	2. Carry out minor mitigation or maintenance works for any issues identified within budgetary constraints where possible.
All	Flooding reports and updates to the EA model across the Borough to be monitored and investigations undertaken to investigate significant flood risk as required in areas not separately identified where budgets permit.	1. Localised flood risk identified through reports of highway flooding at Quarry Road, Old Town Investigations and minor maintenance works carried out to mitigate flooding as far as possible within the available budgets. 2. Localised flood risk identified through reports of highway flooding at Dowlais Close, Thamesdown Drive. Investigations carried out to identify causes of flooding. The investigations revealed that the flooding was confined to a garden becoming saturated when ground water builds up on public open space behind the gabion walling on Thamesdown Drive. The Grounds and Street Cleaning Service Manager for SBC liaised with residents to explain that ground-water flows are a natural process which fluctuates according to climatic changes and SBC are not able to undertake any improvement works. 3. Localised flood risk identified through reports of highway flooding and obstructed watercourse at Purely Road,	1. An investigation, carried out to assess the cause of reports of flooding at City Corner, Hinton Parva, confirmed that minor maintenance and repair works on a section of highway drainage would be beneficial. 2. An investigation, carried out to assess the cause of reports of flooding at Wharf Road, Wroughton by the Elcombe junction confirmed that minor maintenance and repair works on a section of highway drain culvert which had partially collapsed. The required repair works were completed during the reporting period. 3. An investigation, carried out to assess the cause of reports of localised highway flood and ponding at Nell Hill, Bishopstone confirmed that minor maintenance and repair works on a section of pipe and ditch would be beneficial. 4. An investigation, carried out to assess the cause of reports of flooding at Purton Road, Peatmoor, by the Washpool	1. Mitigation works in the vicinity of Purton Road, Peatmoor, by the Washpool junction, ending in the open space area by The Willows included as a high priority site for the EA 2021 to 2026 pipeline projects capital funded programme. 2. Reports of Highway Flooding at A361 Highworth Road - Vickers to Supermarine investigated and found to be caused by blocked ditch on the eastern side of Highworth Road, North of the Supermarine roundabout. Land ownership to be investigated and education or enforcement provided to riparian owner if required. 3. Localised flood risk identified through reports of flooding on the A3102 at near the Blagrove Roundabout. CCTV Investigations required to establish the causes of the flooding.	1. Monitor customer reports and inspection data following periods of sustained or extreme precipitation. 2. Carry out minor mitigation or maintenance works for any issues identified within budgetary constraints where possible. 3. Submit formal application to EA for funding to carry out mitigation works in the vicinity of Purton Road, Peatmoor, by the Washpool junction, ending in the open space area by The Willows when applications for the next EA 2021 to 2026 programme opens. 4. Work with Planning team to ensure that the developer at Badbury Park maintains effective housekeeping and models outfall from development as agreed. 5. Submit formal application to EA

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		Liddington. Investigations and minor maintenance works carried out to mitigate flooding as far as possible within the available budgets. 4. Localised flood risk identified through reports of footway flooding at Dunsford Close, Old Town. Investigations and minor maintenance works carried out to mitigate flooding as far as possible within the available budgets. 5. Localised flood risk identified through reports of ground water flooding at Colchester Close, Toothill. Investigations and minor maintenance works carried out to mitigate flooding as far as possible within the available budgets. 6. Localised flood risk identified through reports of flooding at Kingsdown Brook. Investigations and minor maintenance works carried out to mitigate flooding as far as possible within the available budgets. 7. Localised flood risk identified through reports of highway flooding at Oxford Road. Investigations and minor maintenance works carried out to mitigate flooding as far as possible within the available budgets. 8. Localised flood risk identified through reports of flooding at Inglesham Road, Penhill. Investigations were carried out and identified that a Thames Water drainage asset was non-functional. Thames Water was notified that their assets require de-calcifying/de-silting to maintain hydraulic performance and subsequently attended site to rectify the problem. 9. Localised flood risk identified through reports of highway flooding at The Street, Castle Eaton. Highway drainage installed to mitigate flooding as far as possible within the available budgets.	junction, ending in the open space area by The Willows confirmed that minor maintenance on a section of ditch would be beneficial. 5. An investigation, carried out to assess the cause of reports of persistent highway ponding on Cheney Manor Road, Rodbourne confirmed that minor maintenance on drainage networks owned by Thames Water and SBC would be beneficial. SBC undertook some minor maintenance during the reporting period and liaised with Thames Water to ensure that they include repair works to their infrastructure in this area on their forward programme. 6. Minor repair and maintenance works to soakaways at Quarry Road, Old Town, identified as being of benefit in the last reporting period were completed. 7. An investigation, carried out to assess the cause of reports of localised flood risk at Field Rise junction with Mill Lane, Old Town confirmed that minor maintenance on catch - pits owned by Thames Water would be beneficial. Officers liaised with Thames Water to ensure that they include maintenance works in this area on their forward programme. 8. An investigation, carried out to assess the cause of reports of localised flood risk at Kingshill, Old Town confirmed that a sewer within the highway owned by Thames Water had collapsed. Officers liaised with Thames Water to ensure that works to repair the collapse were completed within the reporting period. 9. Investigations into reports of flooding in Benwell Close, Westlea confirmed that mitigation works would be beneficial on the Whitehill Stream and Flood Storage Area. Officers worked in collaboration with Community Groups; Community Forest and the EA to improve water quality and increase the capacity of the flood storage area within the Whitehill Stream,	4. Reports of Highway Flooding at A4259 Marlborough Road - Eastbound opposite Woodbine Terrace and at the Badbury Park housing development site investigated and found to be a result of a silted up ditch; poor housekeeping by the site development team and attenuation ponds out-falling at an excessive rate through a culvert which may have insufficient capacity near the Spotted Cow pub. Ditch maintenance works at the A4259 to be programmed using internal maintenance funding. Developer agreed to improve the standard of housekeeping and to model flows through the culvert. Culvert reconstruction works included as a high priority site to investigate for the EA 2021 to 2026 pipeline projects capital funded programme. 5. Reports of Highway Flooding at A4259 Marlborough Rd - W/B from A419 Commonhead Roundabout to Great Western Hospital investigated and found to be a result of 'ratholes' with inadequate capacity. Works to install gullies be programmed using internal maintenance funding. 6. A CCTV survey, minor repair and maintenance works at Coate Water Roundabout which was identified as being of benefit in the last reporting period were completed. 7. Localised flood risk identified through reports of regular flooding in the subway under Elgin Drive near Tydeman Street which is overwhelming the pumps. Investigations required to establish the causes of the flooding including discussions with Thames Water regarding ownership of the adjacent culvert which is a potential contributing factor,	for funding to increase the capacity of the culvert near the Spotted Cow if demonstrated to be feasible and offering sufficient benefits when applications for the next EA 2021 to 2026 programme opens. Carry out investigations and minor mitigation works to address reports of localised flood risk at the following sites and for any other sites identified during the reporting period within budgetary constraints where possible: a. A3102 at near the Blagrove Roundabout b. A4259 Marlborough Road - Eastbound opposite Woodbine Terrace c. A4259 Marlborough Rd - W/B from A419 Commonhead Roundabout to Great Western Hospital d. City Corner, Hinton Parva e. Nell Hill, Bishopstone f. Merton Avenue and Bradley Road, Penhill junction. g. Subway under Elgin Drive near Tydeman Street 6. Work with landowners to clear ditches to prevent Highway Flooding at A361 Highworth Road - Vickers to Supermarine. 7. Officers to work in collaboration with Community Groups; Community Forest and the EA to improve water quality and increase the capacity of the flood storage area within the Whitehill Stream, downstream from Benwell Close and Moresby Close, Westlea.
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			downstream from Benwell Close. 10. Investigations into reports of highway ponding and flooding at Marlborough Road/Coate Water Roundabout confirmed that drainage improvement and maintenance works would be beneficial. 11. An investigation, carried out to assess the cause of reports of groundwater discharging onto the footway and private property from the open space adjacent to the highway in Okebourne Park, Dorcan, confirmed that minor maintenance and repair works would be beneficial. The required repair works were completed during the reporting period. 12. Minor maintenance works to repair a collapsed drain on Inglesham Road, Penhill, identified as being of benefit in the last reporting period were completed by Thames Water. 13. Investigations into reports of persistent highway ponding and flooding at Merton Avenue and Bradley Road, junction, Penhill confirmed that an increase in the capacity of drainage assets would be beneficial. 14. Investigations into reports of property flood risk and Highway ponding at Elgin Drive, Gorse Hill, confirmed that minor maintenance and repair works would be beneficial. The required repair works were completed during the reporting period after a local development in this area was completed. 15. Investigations into reports of property flooding at Yardley Close, Moredon, confirmed that minor maintenance and repair works would be beneficial. The required repair works were completed during the reporting period. . 16. Investigations into reports of Highway Ponding at Dorcan Way, Dorcan by Morrison’s superstore, confirmed that minor maintenance and repair works would be beneficial. The required repair works were completed during the reporting period through a collaborative		
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			project by SBC and a local developer.		
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