

# Surface Water Management Plans in West Sussex Newsletter – June 2015



*Herring Stream, Hassocks (February 2014)*

## About the SWMPs...

West Sussex County Council has appointed CH2M HILL to develop Surface Water Management Plans (SWMPs) in seven locations. These are:

- Lavant Valley
- Easebourne
- Lancing
- Manhood Peninsula
- Chichester
- Billingshurst
- Hassocks

This SWMP newsletter provides an update on the work that has been carried out in the last two months on the Easebourne, Lavant Valley, Lancing, Manhood Peninsula and Chichester studies.

If you missed the previous newsletters, you can request past copies by emailing:  
[OperationWatershed@westsussex.gov.uk](mailto:OperationWatershed@westsussex.gov.uk)

## Easebourne

The final report for the Easebourne study has been produced which sets out a series of possible options to reduce flood risk to people, property and infrastructure in Easebourne. The report is available at this [link](#)

## Lavant Valley

The Lavant Study started in April 2014, and a final report has been produced. The report identifies a series of measures to reduce flood risk through capital works or improved maintenance, and clarifies emergency responses within key villages in response to high groundwater and river levels in the Upper Lavant Valley. A presentation on the key findings of the study was given to the Lavant Valley Partnership in June 2015.

The report is available at this [link](#).

## Lancing

Since the last newsletter in April 2015 we have completed our draft report for review by West Sussex County Council and Adur & Worthing District Councils. The report recommends a series of mitigation measures to manage flood risk within the catchment including:

- improvement works around Manor Way roundabout;
- drainage improvements on the West Beach Estate;
- emergency planning measures, and;
- a water level management plan which considers when the Lancing ditches should be cleared of vegetation and silt.

The report will be publicly available once the final version is completed.

## Manhood Peninsula

The project investigation ran from July 2014 to February 2015. We have now produced a draft report, which is being reviewed by WSCC. The draft report identifies capital and maintenance improvements which are required in the most vulnerable settlements in the Manhood Peninsula. The draft report also identifies the measures that need to be taken over the long-term to manage flood risk across the Manhood Peninsula.

## Chichester

The Chichester study commenced in November 2014. A draft report was issued to West Sussex County Council in May 2015. The report identifies a number of strategic and localised improvement works in the Parklands and Fishbourne Estates to reduce flood risk to people, property and infrastructure.



Figure 1 Ditch near Fishbourne roundabout (March 2015)

This includes:

- use of existing open spaces to temporarily store excess surface water during heavy rainfall;

- re-profiling some of the roads to ensure surface water on the highway is routed to safe locations rather than in people's property;
- clearance and addition of highway gullies in key locations in the Parklands Estate;
- maintenance of watercourses, especially where vegetation growth is significant, and;
- an additional filter drain to alleviate groundwater flooding on Centurion Way.

The report will be publicly available once the final version is completed.

## Billingshurst & Hassocks

Both of these projects are programmed to run from May 2015 to November 2015. To date we have:

- evaluated existing reports and studies in the study areas;
- reviewed the historical data on flooding incidents in the study areas;
- identified the current asset data available from West Sussex County Council, the district councils, the Environment Agency, and Southern Water;
- evaluated what actions have already been taken to manage flooding in the study areas;
- defined the study areas and catchment boundaries which will enable us to predict flows through the drainage and watercourse network, and;
- undertaken an initial site walkover in June 2015.

In the next couple of months we will be undertaking more detailed site walkovers, undertaking a more detailed assessment of flood risk in Billingshurst and Hassocks, and commencing any additional survey work.



Figure 2 Trach screen in Billingshurst near High Street (June 2015)

## Contact us...

For further information, please contact;

**Peter Smith**

[peter.smith@westsussex.gov.uk](mailto:peter.smith@westsussex.gov.uk)