

Flood Investigation Report

Site: *Castle Street Salisbury*

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| Date of flood event: | 25 th August 2015 |
| Date flood event was reported to WC: | 25 th August 2015 |
| Investigating Officer (s): | WC Representative |
| Date of investigation: | 26 th August 2015 |

1. Details of the Flood Event

Reason for investigation:

Highway flooded after heavy rainfall overwhelming drainage system. Road was passable but water took a while to drain away.

Location: Railway Bridge in Castle Street Salisbury

Identified source(s): Highway and adjacent footway. Flow across the highway and overwhelmed the drainage system.

Cause/pathway:

Run off water from highway from both Northern and Southern end of Castle Street flooding drainage gullies.

Photos:

Photos in Parish file on U drive. Arranged for system to be inspected and cleaned beneath rail bridge using Vactor. Swan necks on gullies in road do not help drainage system cope in heavy rainfall events. Suggest removal. All MH and gullies have been cleared and a heavy rainfall vent occurred approx 2 weeks later and system coped without flooding.

Extent of flooding:

The flooding mainly confined to the highway directly under the bridge deck. Water does drain away but slowly after prolonged heavy rainfall.

History of flooding:

Several flooding events over 20yrs. Known problem area. Site has been attended on a number of occasions with gully tanker.

Have arranged for On Site to visit in first week in October to flush through system to outfall.

2. Outcome of the Investigation

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| Risk Management Authority: | WCC/ Wessex water |
| Flood Risk Management Function: | |
| Date of notification: | 25 th August 2015 |
| Method of notification: | Email |
| Action/proposed action in response: | All gullies checked and functioning in highway. Gully cleaner on site to attend. Lifted MHs in adjacent area to inspect carrier drain to outfall and cleaned. Some silt build up in gullies cleared and left functioning. Outfall into Mill stream to the West of Bridge as outfall pipe runs parallel with railway line. |

3. Additional Comments:

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| Date completed: | 26 th August 2015 |
| Completed by: | Gully tanker and Land Drainage Engineer |
| Verified by: | WC Representative |