CCTV SURVEY DETAILS

Site Crew:	M Walker and D Comer	**Date:**	28th February 2013
Address:	16 South Meade, Manchester, M21 8EB		
Geocore Ref:	HH/13/55463	**Client Ref:**	71339860

The property is served by a combined foul and surface water system.

Run 1: IC1 upstream: The drain has no visible structural defects. The pipe has a large amount of soil at 2.3 metres. We suspect that this is the point the drain is capped off.

Run 2: IC1 downstream towards the front of the property. Previous drain repairs have been undertaken on this drain. There is a displacement at 0.25m downstream of IC1 at the point the material changes from PVC to VC. The displacement does hold water and does not appear to be leaking. Root ingress was also noted in the drain run. There is also a medium displacement after the PVC 90º bend towards the front of the property at the point the material changes from PVC back to VC.

Run 3: SVP2: The survey of this drain run had to be abandoned due to the root mass from the junction.

Run 4: SVP1 downstream: The pipe is 100 mm PVC with no visible defects.

Run 5: CWG1 downstream: The gully and a small section of pipe including the junction from the SVP1 is PVC. The pipe is displaced once the material changes from PVC to VC. The gully passed a hydraulic water test but we were unable to test the full drain run due to the junction from Run4. We suspect that the displaced joints in Run 5 would leak.

Run 6: CWG2: Access was gained into the drain via a cut into the pipe. The gully has no defects and passed a hydraulic water test. The pipe downstream of the cut in is also free from defects.

We were unable to get an adequate seal on the tap to undertake a water mains pressure test. The policy holder did mention to our operatives on site that the local water authority had previously attended site and carried out a listening test. There was no evidence of a leak on the water mains.

RECOMMENDATIONS

Item 1: Run 2: IC1 downstream: Excavate and replace displaced joints at 0.25 metres and 11.9 metres.
Excavate and replace the junction for Run 3 (SVP2).
Reline the section of Run 2 that has root ingress.

Item 2: Run 5: CWG1 downstream: Excavate and replace the displaced section of VC pipe. NOTE the junction linking Run 5 to Run 2 may also have to be replaced. This cannot be confirmed until the repairs are being undertaken.