
CCTV SURVEY REPORT

DRAIN DETECTIVES

INFORMATION

Ian Rampton

Re:

14 First Avenue
Havant
Hampshire
PO9 2QN

18/07/2024

Ref: JSD7502

Dear Ian,

Re CCTV survey carried out at above site address.

The property is a detached house.

The foul/rain water drainage system is entered via manhole 1 (MH1). It is circular in shape and 100mm in diameter. The construction is vitrified clay/UPVC material.

The sections identified are for the sole use of this property and therefore the responsibility of the land owner to maintain.

The sections as shared or beyond the property boundary generally are the legal responsibility of the local water company to maintain.

The survey was carried out to confirm condition and direction of flows of the underground drainage.

The defects are fully noted in the attached report.

The location of defects in the line are described literally as if you are looking at a clockface. A crack on the top is 12 O' clock, a crack on the bottom is 6 O' clock.

RECOMMENDATIONS

REPAIR 1) – To carry out high pressure jetting of the defective areas recommended to be treated with patch repairs/lining works, prior to commencing with repairs to ensure that the installation of the patch/liner is not affected by loose debris in the line. *Free of charge*

(Where extensive scale/rust/root ingress is affecting the line, further intensive descaling/root cutting may be required in the defective area(s), as detailed in the repairs below if required, and the jetting in this repair is to clear the defective area only.

Should areas of non-defective pipe along the run require descaling/jetting, this would be carried out as detailed in the repairs below).

REPAIR 2) – To carry out CCTV checks of the defective areas, prior to and following the installation of patch repairs/lining works, to ensure the repairs have been carried out as anticipated. *Free of charge*

(The CCTV checks do not form part of an additional CCTV survey, with the footage being recorded as proof of works. Where areas of pipe have been quoted to be cleared and checked again with CCTV, this is separate to this repair, and is covered by the repair(s) as detailed below if required.

Should any further work be found in the process of installing patch repairs/lining works, a quotation for further works will be made available for consideration.)

REPAIR 3) – Section 1 – To insert 1x 600mm long 100mm diameter silicate repair patch at 0.02 meters upstream between manhole 1 and the gully to seal the pipe and eradicate the open joint. *Cost for works £395+VAT*

REPAIR 4) – Section 2 – To insert 1x 600mm long 100mm diameter silicate repair flexi patch at 0.25 meters upstream between manhole 1 and the stack pipe. *Cost for works £495+VAT*



REPAIR 5) – Section 4 – To scan the area for any pipes or cables prior to excavation works commencing. To excavate down at approximately 3.34 meters and remove the collapsed section of pipework. To CCTV the line (beyond the collapse) to assess the condition of the rest of the pipework, confirm where the line runs to and report back with our findings and provide a quotation for any further remedial works, if necessary. To install a new section of 100mm diameter UPVC pipework and connect up to the existing lines. To backfill and make good of the area, bringing up to ground level. *Cost for works £1,695+VAT*

REPAIR 6) – Section 5 – To insert 2x 600mm long 100mm diameter silicate repair patches at 3.09 meters and 4.09 meters downstream from manhole 2 to seal the pipe and eradicate the open joint and prevent future root ingress at these points. *Cost for works £790+VAT*

REPAIR 7) – Section 6 – To carry out a high-pressure water jetting program to clean and clear the blockage, restoring full flows. To re CCTV the line to assess the condition of the rest of the pipework, confirm where the line runs to and report back with our findings and provide a quotation for any further remedial works, if necessary. *Cost for works £195+VAT*

REPAIR 8) – Surface Water Drainage – To cut an access point into each of the four surface water downpipes, to allow for CCTV investigation of the surface water drainage, to assess condition, confirm to where they are connecting, and update the report accordingly. *Cost for works £300+VAT (£75+VAT per downpipe)*

PRICING

We will be pleased to carry out the above works for the total sum of £3,870 plus VAT.

The proposed repair methods have been specifically selected as the most cost-effective method and expedient to rectify the defects noted.

* Repair necessitating digging down near tree roots in the location identified with X on sketch plan.

PROCEEDING WITH THE WORKS

Due to the nature of working underground it is not possible to state conclusively that there will be no further damage discovered once the repairs are commenced, if this occurs, we will make all efforts to mitigate the costs and seek the authority through the proper channels before carrying out additional repairs.

Please ensure that appropriate access to water and electricity are provided on site to complete the repair (the engineer will confirm these details with you) If you require more information or wish to discuss this matter, please contact us.

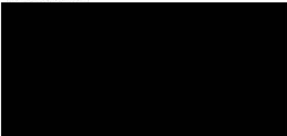
The engineers will endeavour to be as careful as they can when lifting manhole covers.

However, we cannot be held responsible for any damage caused to the cover or the surrounding work area when lifting or replacing manhole covers. This will include lifting manhole covers that have not been lifted for access in a long time.

End of report.

Kind regards,

Hannah.



@draindetectives.uk



@drain_detective



thedraindetectives



Checkatrade.com



Unit 2, Long Barn, Mouseden Farm, Halls Hole Road, Tunbridge Wells, TN2 4RF, 0800 357 9371