

Vantage Drain Services
20 Grove Crescent Luddendenfoot
Halifax
HX2 6NP
www.vantagedrainservices.co.uk
0800 001 6203

Generic Method Statement for Drainage CCTV works



VANTAGE DRAIN SERVICES

It is the policy of Vantage Drain Services that this Method & Risk Assessment must be reviewed and signed prior to commencing work as required by The Health and Safety at Work etc. Act 1974 and subsequent regulation.

Prepared by: MD Services
Reviewed By: J. Russell

Consultant
Director

Date:05/07/2022
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Introduction into standard CCTV Survey: A CCTV report includes, flow directions, mapping of the surveyed sections of drainage, drain material for example, cast iron, clay etc, pipe diameters, invert levels of each chamber surveyed, all reports are provided in PDF format on WRc endorsed reporting software programmes **as specified by client** (either foul or rain, grey water comes under foul water) all defects will be reported on, for example 'belied' pipes, cracking and damaged pipes, rodent activity etc, all defects will be reported on and provided to you within 48 hours of completion, a survey all depends on accessible/available drainage runs.

Scope of Works

1. Purpose

CCTV survey of drainage as per agreement (pushrod System not mainline crawler)!

2. Location

Various

3. Drawings / Photographs

As supplied by Client

4. Rodents

The drainage system **may** have to be jetted through and sanitised before the survey can progress if there's any siting of rodent activity, (please see Risk Assessment regarding the risks of avoiding catching Leptospirosis (Weil's Disease)).

5. Personnel

1 x Trained and certified personnel (certification available on request)

6. Plant, Equipment

1 x Mobile CCTV unit
1 x Selection of hand tools
1 x Garden Trowel
(if required HPWJ and Electromechanical Machines)

7. Welfare Arrangements

Work breaks for meals, toilet etc. are as per Vantage drain Services conditions, and comply with the requirements of the Health & Safety at Work Act 1974. As there is no welfare facilities on site all vehicles have supplies of masks and hand sanitiser or through the use of the following website - <https://www.toiletmap.org.uk/> for public restrooms unless working for business clients who have a duty to provide facilities.

8. Procedure

The following steps are to ensure a safe work system for **Personnel** and **Public** at all times.

The controls have been selected to protect the Health and Safety of operatives and others that may be affected by the work. The controls have been designed to protect against the risks recorded on Risk Assessment. This general guidance should only be used when it is appropriate to specific site conditions. The RCS Sheet is required to be completed before works commence.

- 8.1 All work carried out will be by as per associated Risk Assessment RAVDSCCTVGEN050722-1.
- 8.2 Toolbox Talks are required to be had with operatives involved regarding the site conditions.
- 8.3 Obtain permit to work (where required).
- 8.4 Don appropriate PPE for prescribed works your full 5-point PPE as prescribed in section 12.
- 8.5 Barrier off the working area, always position warning signs in prominent positions.
- 8.6 Operatives are required to allow plenty of room within the barriered zone for movement and works.
- 8.7 Start at the manhole inspection chambers thought to be the outfall.
- 8.8 Assess the manhole cover lid, remember manual handling techniques as trained. Break the seal and if the seal is too tight adopt 2 man working adhering to COVID-19 procedures.
- 8.9 Work upstream to the ACO outlets (outfalls or in-falls if required) if access and site logistics allow.
- 8.10 Overview the chamber and the working area,
- 8.11 CHECK FOR RODENT ACTIVITY, then follow the correct additional procedure.
- 8.12 Where required sanitise the chamber.
- 8.13 Set up the camera unit, use the battery power to avoid trailing leads where possible if not follow good housekeeping procedures, the picture quality **MUST** be perfect before the survey begins.
- 8.14 operatives in the following line of sight
1 x operative directing CCTV GRP rod
1 x operative at control unit
- 8.15 Depending on the manhole chamber set up, stand as if your facing upstream, work in a clockwise direction starting at 12 O'clock,
- 8.16 Only use 1 page per section of drain for reference.
- 8.17 Push the camera up each incoming drain run going upstream,
- 8.19 Always mark EVERY defect encountered,
- 8.20 where required use rotary and / or High-Pressure Water Jetting to remove any blockage that the CCTV survey has picked up,
- 8.21 Re-survey post clearance showing clean drainage run/s.
- 8.22 Once the survey has been completed for that particular chamber, reseal any removed access plates.
- 8.23 Reinststate the manhole cover lid and make sure the lid is not sitting proud, screw down correctly if required, leave the working area as you have found **it if not better.**
- 8.24 Pack away equipment and barriers then move to your next destination, repeat and follow the above procedure from 8.5 to 8.23.
- 7.9 On completion, all work area will be tidied to client's satisfaction.

7.9 Permit to be signed off & client sign of job sheet to acknowledge work meets requirement.

8. Interface with Others

Director **Jonathan Russell** will liaison with Client on satisfactory safety procedures & work satisfaction.

9. Manhole Accesses

All working areas are to be barriered off, open manhole covers MUST be barriered off at all times and NEVER left unattended even if the area is closed off, laying electrical leads are to be trailed above head height or trailed along the base of a wall and tapered around door frames to avoid any unnecessary trip hazards, warning signs must be placed where they can be seen.

10. Adverse weather conditions

Follow procedures, drains must not be capped off during heavy rains in-case this causes flooding elsewhere which may cause back surges, **DO NOT** enter the chambers/ pits and or manholes during heavy rains.

11. Emergency and First Aid

To be fully explained during the site inductions, site rules will apply. Emergency, First Aid Procedures and Accident Investigation are as per Vantage Drain Services Safety, Health and Environment Procedures.

12. Training

Before starting off the job, personnel involved will be notified by Management of this assessment and the precautions required.

11. P. P.E.



As a minimum the P.P.E. requirement for this task are:

- | | | | |
|----|--------------------------------|----|--------------------|
| 1/ | High Vis vest EN ISO 20471 | 2/ | Gloves BS EN-388 |
| 3/ | Safety Boots EN ISO 20345:2011 | 4/ | Hard Hat BS EN 397 |
| 5/ | Goggles DIN EN 166 | 6/ | Overalls EN 343. |

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Operator Signature

Print name

Date



APPENDIX 1

Risk Check Sheet

Are We At Risk From ?	YES / NO	Action to Control / Remove Risk
Are any Vantage Employees showing signs of COVID 19	YES / NO	If yes leave site and self-isolate
Are any persons on site showing signs of COVID 19	YES / NO	If yes leave site
Falling from Height	YES / NO	
Slipping or tripping	YES / NO	
Any overhead working	YES / NO	
Traffic nearby	YES / NO	
Moving parts	YES / NO	
Incorrect tools used	YES / NO	
High Pressure water/air/steam	YES / NO	
Manual Handling methods	YES / NO	
Cramped conditions	YES / NO	
Poor access / egress	YES / NO	
Airborne particles	YES / NO	
Poor visibility	YES / NO	
Adjacent hot pipe work	YES / NO	
Electrocution	YES / NO	
Drowning	YES / NO	
Noise	YES / NO	
Vibration	YES / NO	
Radiography	YES / NO	
Poorly secured loads	YES / NO	
Confined space	YES / NO	
Suffocation	YES / NO	
Risk of not being able to keep 2 mtr social distance	YES / NO	
Any other RISKS	YES / NO	
<ul style="list-style-type: none"> All YES answers must have an action to Control or Remove the Risk 		
Do you know where	YES / NO	LOCATION
The nearest telephone is ?	YES / NO	
The nearest safety shower is ?	YES / NO	
The nearest Fire Extinguisher is ?	YES / NO	
Fire alarm pull point ?	YES / NO	
The nearest Muster point?	YES / NO	
Does this work require	YES / NO	Certificate No / Training Date
Specialist certification / Training ?	YES / NO	
Pre discussions ?	YES / NO	
Practical training ?	YES / NO	

If you believe the **RISK to SAFELY** carry out the work described is **UNACCEPTABLE, DO NOT START** the work and report to the Client and Jonathan Russell (VDS Director),
Signatures Operatives:
