

Report Guide

We trust the report you have received meets your requirements.

We have compiled this document use to aid in understanding your report, based on the feedback of previous clients, and our experience in producing drainage reports such as the one you have received.

You will find the report has three components attached to your email

1. Drainage Report – PDF format

On this document, you will find a great deal of information, this can seem a little overwhelming but the below guide should hopefully be of assistance



Project

Project Name: [REDACTED]

Project Description: Pre Building Works (Sonde & Trace)

Project Number: [REDACTED]

Project Status: Complete

Project Date: 08/04/2022

Inspection Standard: MSCC4 Sewers & Drainage GB (SRM4 Scoring)

You will find at the top of the first page a summary of the details of the survey like the above

The date may not correlate to the date the survey was carried out, this is the date the project was generated on our software.

(You will see at the bottom of each section summary page a scoring box. This is auto generated and the numbers are not used by Drain Detectives.)

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
4	80.0	0.0	163.0	4.0	7	2.0	0.0	12.0	3.0

Section Number – this will match up with the site plan and recommendations

This is the unique reference for your survey

This box shows the legal status of the section of drainage

This box indicates whether the line was pre-cleaned before the section was surveyed

This box shows the location details of where the survey was carried out

The arrow shows the direction of flow, also recorded near the top of the page

This indicates whether the line serves foul waste/surface water/a combination of both

This box is to show the upstream and downstream points of the section surveyed

- Construction Features
- Structure Defects
- Miscellaneous Features
- Service & Operational Observations

Section	Inspection	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	05/04/22	9:23	AccessX	No Rain Or Snow	No	ACCESSX
Operator: Aaron		Vehicle:		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified
Town or Village:		Inspection Direction: Downstream		Upstream Node: ACCESS_X	Downstream Node: MAIN SEWER		
Road:		Inspected length: 24.91 m		Upstream Pipe Depth: 0.000 m	Downstream Pipe Depth: 0.000 m		
Surface Type:		Total Length: 24.91 m		Downstream Node: MAIN SEWER	Downstream Pipe Depth: 0.000 m		
Use: Foul		Joint Length: 0.00 m		Pipe Shape: Circular	Dishheight: 100 mm		
Type of Pipe: Gravity drain/sewer		Pipe Material: Polyvinyl chloride		Lining Type: No Lining	Lining Material: No Lining		
Flow Control: No flow control		Year Constructed: Not Specified		Comments: Routine inspection of condition			
Inspection Purpose: Routine inspection of condition		Recommendations:					

Scale: 1:106	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m	0.00	BR	Start node, major connection without manhole, reference: Access	00:00:11	Access_X_780d0d0-5051-49f5-85a3-6554b7044a0a_20220408_002427_933.jpg	0.000
	0.01	WL	Water level, 0% of the vertical dimension	00:00:20	Access_X_802b0855-b77a-49c4-b844-916c22ba5111_20220408_092448_282.jpg	0.000
	0.19	LL	Line deviates left	00:00:24	Access_X_4e681e0c-3026-4477-8e3b-44b0-602004_08_002538_198.jpg	0.10 m
	0.57	DEE	Attached deposits, encrustation from 4 o'clock to 8 o'clock, 5% cross-sectional area loss	00:00:27	Access_X_802b0855-b77a-49c4-b844-916c22ba5111_20220408_092448_282.jpg	0.57 m
	1.06	CN	Connection other than junction at 12 o'clock, diameter: 40mm	00:00:33	Access_X_06920145-0942-490b-8042-490b-8042-490b	0.000
	1.63	LD	Line deviates down	00:00:47	Access_X_02ab09e7-4254-4b35-8029-4b35-8029-4b35	0.000
	2.01	JN	Junction at 9 o'clock, diameter: 100mm	00:00:56	Access_X_0218143c-9629-4b35-8029-4b35-8029-4b35	0.000
	2.01	H	Hole in drain or sewer from 4 o'clock to 8 o'clock	00:00:56	Access_X_0923710c-3962-4616-8029-4b35-8029-4b35	0.000
	2.26	CN	Connection other than junction at 5 o'clock, diameter: 40mm	00:01:08	Access_X_80a0151f-4831-432a-80a0-151f-4831-432a	0.000
	2.42	LR	Line deviates right: Line deviates down and to the right	00:01:09	Access_X_c94191f1-b00e-49aa-a00e-49aa-a00e-49aa	0.000
	2.55	LL	Line deviates left: Line deviates down and to the left	00:01:21	Access_X_01909057-195-4602-0190-9057-195-4602	0.000
	4.17	LD	Line deviates down	00:01:28	Access_X_7a3389a2-645-4916-8029-4b35-8029-4b35	0.000
	4.24	LL	Line deviates left	00:01:33	Access_X_7443305b-6029-4b35-8029-4b35-8029-4b35	0.000
	5.37	REMA	General remark: Enters buried manhole	00:01:45	Access_X_f309490a-43a-440a-8029-4b35-8029-4b35	0.000
	5.37	LD	Line deviates down	00:01:51	Access_X_8181473c-231a-4965-8029-4b35-8029-4b35	0.000



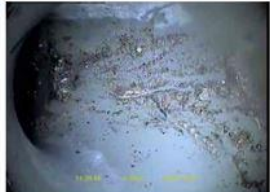

SECTION SUMMARY PAGE

This is the section number, correlating with the site plan and any recommendations

This is the direction of flow

Photographs are shown of every observation recorded

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	ACCESSX	AccessX	

 <p>Access_X_780d0d0-5051-49f5-85a3-6554b7044a0a_20220408_002427_933.jpg, 00:00:11, 0.00 m</p>	 <p>Access_X_802b0855-b77a-49c4-b844-916c22ba5111_20220408_092448_282.jpg, 00:00:20, 0.00 m</p>
 <p>Access_X_4e681e0c-3026-4477-8e3b-44b0-602004_08_002538_198.jpg, 00:00:24, 0.10 m</p>	 <p>Access_X_802b0855-b77a-49c4-b844-916c22ba5111_20220408_092448_282.jpg, 00:00:27, 0.57 m</p>

SECTION PICTURE PAGES

The first observation will always be the start of the section, this will usually be one of/the manhole(s) but could also be an alternative access point such as a soil vent pipe or gully.

The second observation will show you the water level at the start of the section.

As the camera moves along the line, observations will be made at key points, these would generally be any deviation in the line (UP/DOWN/LEFT/RIGHT), any defect noted in the line such as a displaced joint or crack, any change in the water level, any junction or connection into the line, amongst others.

Each observation will list the distance up/downstream from the start of the section for reference.

If a Sonde & Trace has been carried out, the marker points where the depth has been measured will be notated as an observation on the report ie Marker 1 – 0.49M depth.

The final observation will be of the point where the CCTV was stopped by the engineer on site.

If the CCTV of a section was terminated before reaching the natural end of a section, the final observation will be 'Survey Abandoned' and a remark will be made as to why this is the case.

2. Site Plan

The site plan provided is a non to scale illustrative plan to show how the drainage connects. Every site plan will of course appear slightly differently however there are certain features which should appear on your slight plan.

A key will be on the site plan which will show the duty of each line (foul/surface water/combined) and the legal status (private/shared).

Each section will be marked to show the direction of flow.

Our engineer teams out on site draw an outline of the site plan on site to ensure that it is as accurate as possible, which is produced into the format you have received by the survey team in the office

Where there are shared/main lines running though and around the property, these will be found on the site plan with a thicker outline, as shown in the key,

any defects noted in these sections will not be quoted for in your recommendations as these will be a local water authority issue.

You may find lines marked as blind junctions/connections, which are lines that were not able to be surveyed, this is usually due to not connecting directly into a manhole at the property but being visible in the footage of the sections surveyed.

With Sonde & Trace surveys, the site plan will show the distance between the various marker points to property boundaries such as walls.

A separate key, to show the depth of the drainage at the various marker points, will be found at the edge of the site plan.

3. Quotation for Works

The final part of your report will be a quotation for remedial works to fix any defects identified in the course of your survey.

You will find at the top of the page, your unique reference number to use in any queries/correspondence.

Any sections of the drainage that have been confirmed by the engineer to be shared between multiple properties will be noted here. Please note that as we are a private drainage contractor we are unable to undertake works on shared lines, these will always be the responsibility of the local water authority to investigate and carry out the repairs where deemed necessary.

The quotation for works will be valid for three months, after this time there may be small increases to reflect any substantial increase in materials though we aim to keep this the same wherever possible.

We hope that the recommendations provided are sufficient in meeting your requirements though naturally if you find there are any further issues you would like us to quote for that did not come up in conversation with our bookings team or the engineer on site, please do not hesitate to let us know and we can update your quotation.

We have a dedicated survey team in our main office and should you require any clarification in understanding the results of the survey, we are always very happy to help.

In order for us to provide further information/clarification in the clearest manner we generally find enquiries via email allow us time to review the results of the survey to answer you in detail, to which we can then give you a call back or email, though we are of course available on 0800 357 9371.

If contacting via telephone, please request the author of your report, found on the email, in the first instance.

Kind regards,

Hannah, Rory & Will

Survey Department