



Ote Hall Farmshop, Janes Ln,
Burgess Hill, RH15 0SR
Ref: SKZ_1689/21_November 2021

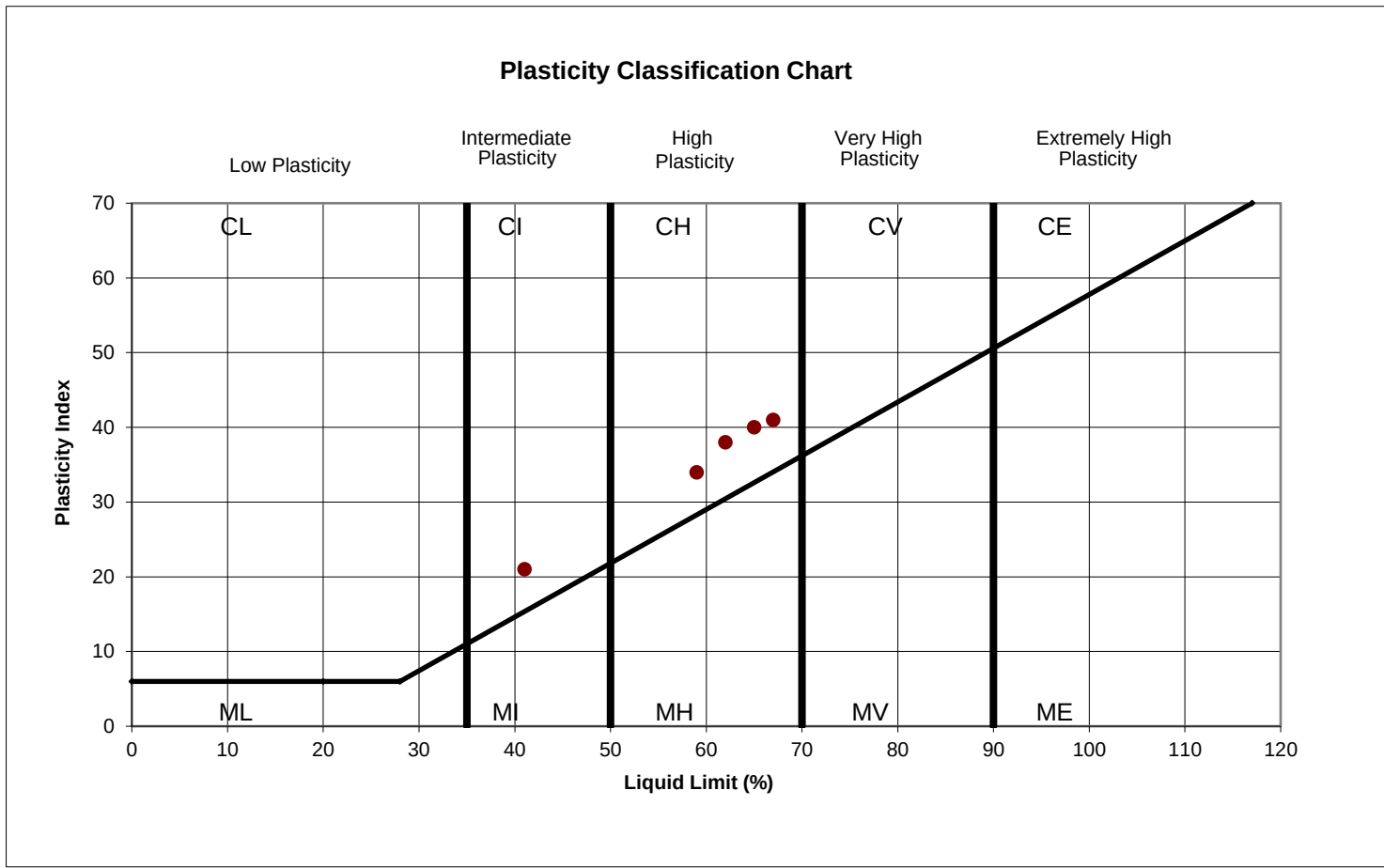
APPENDIX B



AVZGeoEng Ltd
Registered office
70 Cophorne Road • East Grinstead • West Sussex • RH19 2NU • UK
Registered in England No. 7824020
www.avzgeoeng.co.uk

PLASTICITY SHART - PI Vs LL

In accordance with BS5930;2015
Testing in accordance with BS1377-2 (BS EN ISO 17892-12)



Liquid Limit - LL (%)

Sample Identification			BS Test Method #	Preparation Method +	MC (%)	LL(%)	PL (%)	PI (%)	PI' (%)	<425 (%)
Exploratory Position ID	Sample	Depth (m)								
BH1	D	0.9-2.5	3.2/4.3/5.3/5.4	4.2.3	24.6	59	25	34	34	99.3
BH2	D	0.3-2.0	3.2/4.3/5.3/5.4	4.2.3	28.5	67	26	41	41	99.4
BH2	D	2.0-4.3	3.2/4.3/5.3/5.4	4.2.3	25.4	65	25	40	40	100.0
BH3	D	0.3-2.6	3.2/4.3/5.3/5.4	4.2.3	26.3	62	24	38	38	97.9
BH3	D	2.6-5.0	3.2/4.3/5.3/5.4	4.2.3	17.8	41	20	21	21	98.7

# Tested in accordance with the following clauses of BS1377-2;1990. 3.2 - Moisture Content 4.3 - Cone Penetrometer Method 4.4 - One Point Cone Penetrometer Method 4.6 - Three Point Casagrande Method 5.3 - Plastic Limit Method 5.4 - Plasticity Index Key: * = Non standard test, NP = Non Plastic	Tested in accordance with the following clauses of BS1377-2;1990. 4.2.3 - Natural State 4.2.4 - Wet Sieved	
	Client:	Mrs Carola Godman Irvine
	Site:	Ote Hall Farmshop, Janes Ln, Burgess Hill, RH15 0SR

	AVZGeoEng Ltd Registered office Birch Grove 70 Copthorne Road Felbridge Surrey RH19 2NU Registered in England No. 7824020 Email: info@avzgeoeng.co.uk Web: www.avzgeoeng.co.uk Mob: 07885977732 Tel: 01342457117	
	Date:	12/12/2021
Completed by:		SKZ
Project No:		SKZ_ 1689/21
Appendix B		



Unit A2
Windmill Road
Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BY
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info@elab-uk.co.uk

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 21-37520

Issue: 1

Date of Issue: 13/12/2021

Contact: Silvanka K. Zarkovska

Customer Details: AVZ GeoEng Ltd
Birch Grove
70 Copthorne Road
Felbridge
Surrey RH19 2NU

Quotation No: Q20-01700

Order No: SKZ_1689/21

Customer Reference: Not Supplied

Date Received: 07/12/2021

Date Approved: 13/12/2021

Details: Ote Hall Farmshop, Janes Lane, Burgess Hill, RH15 0SR

Approved by:

Mike Varley, General Manager

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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Sample Summary

Report No.: 21-37520, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
260167	BH1 0.25 - 0.90	24/11/2021	07/12/2021	Silty clayey loam	
260168	BH1 0.90 - 2.50	24/11/2021	07/12/2021	Silty clayey loam	
260169	BH2 0.30 - 2.00	24/11/2021	07/12/2021	Silty clayey loam	



Results Summary

2683

Report No.: 21-37520, issue number 1

ELAB Reference	260167	260168	260169
Customer Reference			
Sample ID			
Sample Type	SOIL	SOIL	SOIL
Sample Location	BH1	BH1	BH2
Sample Depth (m)	0.25 - 0.90	0.90 - 2.50	0.30 - 2.00
Sampling Date	24/11/2021	24/11/2021	24/11/2021

Determinand	Codes	Units	LOD			
Soil sample preparation parameters						
Moisture Content	N	%	0.1	18.2	17.9	19.6
Material removed	N	%	0.1	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	None	None	None
Anions						
Water Soluble Sulphate	M	g/l	0.02	0.05	0.07	0.04
Miscellaneous						
pH	M	pH units	0.1	8.3	7.3	6.3



Method Summary

Report No.: 21-37520, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
pH	M	Air dried sample	10/12/2021	113	Electromeric
Water soluble anions	M	Air dried sample	09/12/2021	172	Ion Chromatography

Report Information

Report No.: 21-37520, issue number 1

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination. Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed. ELAB are unable to provide an interpretation or opinion on the content of this report. The results relate only to the sample received. PCB congener results may include any coeluting PCBs Uncertainty of measurement for the determinands tested are available upon request Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

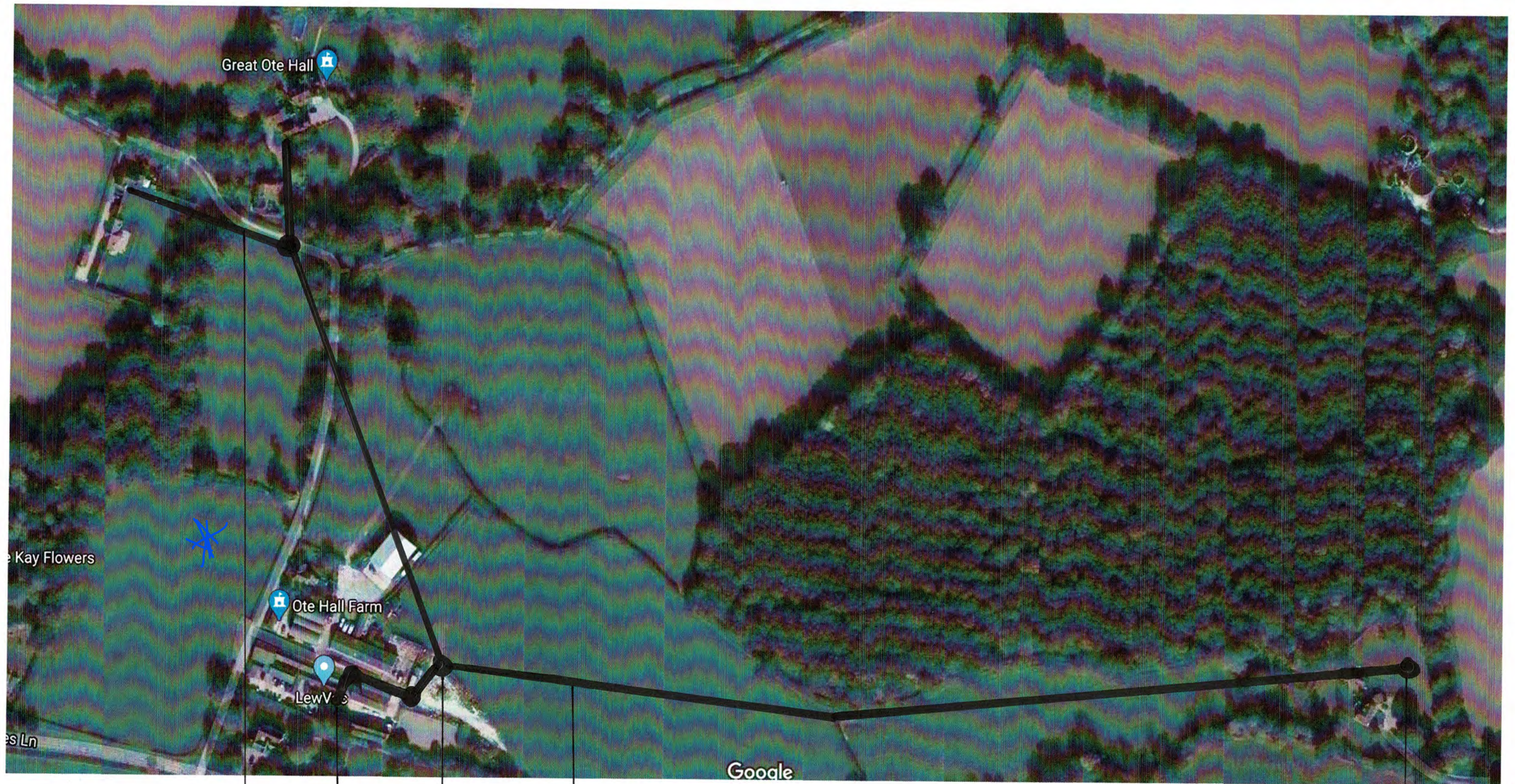
All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry



GRAVITY
DRAINS
FROM OTE HALL
+ GARDEN COTTIS.

GRAVITY DRAIN
FROM FARM
HOUSE + WTT'S

PUMP STATION

PUMPED RISING MAIN

CONNECTION TO
MAIN SEWER
AT GROVE
HOUSE.

OTE - DRAIN LAYOUT 4/8/20.

**Project****Project Name:** Ote Hall Farm**Project Description:** CCTV Survey, Trace & Plot**Project Status:** Complete**Project Date:** 24/11/2021**Inspection Standard:** MSCC5 Sewers & Drainage GB (SRM5 Scoring)

EYES ON DRAINAGE

SPECIALIST CCTV SURVEYING

**Table of Contents****Project Name**
Ote Hall Farm**Project Number****Project Date**
24/11/2021

Project Information	P-1
Scoring Summary	P-3
Project Pictures	P-4
Section Profile	P-5
Section Summary	P-6
Section: 1; Pump > FW1 (PumpX)	1
Section: 2; FW4 > FW3 (FW4X)	3
Section: 3; FW3 > FW2 (FW3X)	9
Section: 4; A > FW5 (AX)	11
Section: 5; FW5 > FW2 (FW5X)	13
Section: 6; FW5 > FW2 (FW5X)	15
Section: 7; FW2 > Pump (FW2X)	17
Disclaimer	19

**Project Information****Project Name**
Ote Hall Farm**Project Number****Project Date**
24/11/2021**Client****Company:** Owens Consulting Engineers Ltd**Site****Department:** Ote Hall Farm**Street:** Janes Lane**Town or City:** Burgess Hill**County:** West Sussex**Post Code:** RH15 0SR**Contractor****Company:** Eyes On Drainage Services Ltd**Contact:** Jay Young**Street:** Merrion House**Town or City:** Partridge Green**County:** West Sussex**Post Code:** RH13 8EH**Phone:** 01403 710971**Mobile:** 07711 184951**Email:** info@eyesondrainage.co.uk

Project Information

Project Name
Ote Hall Farm

Project Number

Project Date
24/11/2021

Project Drawing, Page 'Ote Hall Farm'



Scoring Summary

Project Name
Ote Hall Farm

Project Number

Project Date
24/11/2021

Structural Defects

Grade 3: Best practice suggests consideration should be given to repairs in the medium term.

Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.

Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
2	FW4X	3	Multiple defects

Service / Operational Condition

Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.

Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.

Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
2	FW4X	5	Attached deposits, grease from 9 o'clock to 3 o'clock, 25% cross-sectional area loss, finish
3	FW3X	3	Joint displaced, medium

Information

These scoring summaries are based on the SRM grading from the WRc.



Project Pictures

Project Name
Ote Hall Farm

Project Number

Project Date
24/11/2021



Pumping Chamber



Pumping Chamber

Section Profile

Project Name
Ote Hall Farm

Project Number

Project Date
24/11/2021

Circular, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	Pump	FW1	24/11/2021	Janes Lane	Vitrified clay	2.90 m	2.90 m
2	FW4	FW3	24/11/2021	Janes Lane	Polyvinyl chloride	51.00 m	51.00 m

Total: 2 Inspections x Circular 100 mm = 53.90 m Total Length and 53.90 m Inspected Length

Circular, 150 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
3	FW3	FW2	24/11/2021	Janes Lane	Polyvinyl chloride	14.80 m	14.80 m
4	A	FW5	24/11/2021	Janes Lane	Polyvinyl chloride	30.00 m	30.00 m
5	FW5	FW2	24/11/2021	Janes Lane	Polyvinyl chloride	160.00 m	142.40 m
6	FW5	FW2	24/11/2021	Janes Lane	Polyvinyl chloride	160.00 m	29.30 m
7	FW2	Pump	24/11/2021	Janes Lane	Polyvinyl chloride	0.60 m	0.60 m

Total: 5 Inspections x Circular 150 mm = 365.40 m Total Length and 217.10 m Inspected Length

Total: 7 Inspections = 419.30 m Total Length and 271.00 m Inspected Length

Section Summary

Project Name Ote Hall Farm	Project Number	Project Date 24/11/2021
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Number of sections	7
Total length of sections	419.30 m
Total length of inspected sections	271.00 m
Total length of abandoned inspections	148.30 m
Number of abandoned inspections	2
Number of section inspection photos	39
Number of section inspection videos	7
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	Pump X	Upstream Node:	Pump
Inspection Direction:	Upstream	Downstream Node:	FW1
Inspected Length:	2.90 m	Dia/Height:	100 mm
Total Length:	2.90 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: FW1
2	0.00	WL	Water level, 10% of the vertical dimension
3	2.90	SC	Pipe size changes, new size(s), 50mm high
4	2.90	MCP	Pipe material changes to polypropylene at this point
5	2.90	MHF	Finish node, manhole, reference: Pump

PLR:	FW4X	Upstream Node:	FW4
Inspection Direction:	Downstream	Downstream Node:	FW3
Inspected Length:	51.00 m	Dia/Height:	100 mm
Total Length:	51.00 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: FW4
2	0.00	WL	Water level, 0% of the vertical dimension
3	1.70	WL	Water level, 10% of the vertical dimension
4	1.80	WL	Water level, 20% of the vertical dimension
5	1.90	WL	Water level, 30% of the vertical dimension
6	1.90	DEG	Attached deposits, grease from 9 o'clock to 3 o'clock, 20% cross-sectional area loss, start
7	2.00	DEG	Attached deposits, grease from 9 o'clock to 3 o'clock, 25% cross-sectional area loss, change
8	2.20	CUW	Loss of vision, camera under water
9	2.20	WL	Water level, 20% of the vertical dimension
10	2.20	DEG	Attached deposits, grease from 9 o'clock to 3 o'clock, 25% cross-sectional area loss, finish
11	2.30	WL	Water level, 10% of the vertical dimension

Section Summary

Project Name Ote Hall Farm	Project Number	Project Date 24/11/2021
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No.	m+	Code	Observation
12	2.50	WL	Water level, 0% of the vertical dimension
13	3.60	MCVC	Pipe material changes to vitrified clay at this point
14	5.10	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock
15	14.00	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock
16	18.50	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock
17	39.90	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock
18	40.60	MCPF	Pipe material changes to pitch fibre at this point
19	42.80	MCVC	Pipe material changes to vitrified clay at this point
20	44.40	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock
21	46.70	RFJ	Roots, fine at joint
22	48.20	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock
23	48.80	FCJ	Fracture, circumferential at joint from 11 o'clock to 6 o'clock
24	49.40	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock
25	50.00	WL	Water level, 10% of the vertical dimension
26	51.00	MHF	Finish node, manhole, reference: FW3

PLR:	FW3X	Upstream Node:	FW3
Inspection Direction:	Downstream	Downstream Node:	FW2
Inspected Length:	14.80 m	Dia/Height:	150 mm
Total Length:	14.80 m	Material:	Polyvinyl chloride

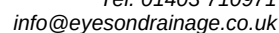
No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: FW3
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.30	JDM	Joint displaced, medium
4	0.30	RFJ	Roots, fine at joint
5	0.30	LR	Line deviates right
6	12.60	LD	Line deviates down
7	14.80	MHF	Finish node, manhole, reference: FW2

PLR:	AX	Upstream Node:	A
Inspection Direction:	Upstream	Downstream Node:	FW5
Inspected Length:	30.00 m	Dia/Height:	150 mm
Total Length:	30.00 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: FW5
2	0.00	WL	Water level, 5% of the vertical dimension
3	30.00	MHF	Finish node, manhole, reference: A

PLR:	FW5X	Upstream Node:	FW5
Inspection Direction:	Downstream	Downstream Node:	FW2
Inspected Length:	142.40 m	Dia/Height:	150 mm
Total Length:	160.00 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: FW5
2	0.00	WL	Water level, 0% of the vertical dimension





Section Inspection - 24/11/2021 - Pump X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	24/11/21	9:10	Not Specified	No Rain Or Snow	No	PUMP X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
JY		BV21 CDX		Not Specified	Not Specified	Private Drain	Not Specified

Town or Village:	Burgess Hill	Inspection Direction:	Upstream	Upstream Node:	PUMP
Road:	Janes Lane	Inspected Length:	2.90 m	Upstream Pipe Depth:	
Location:	Gardens (private)	Total Length:	2.90 m	Downstream Node:	FW1
Surface Type:	Grass	Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: m FW1 0.00 0.00 2.90 2.90 2.90 Pump					
			MH	Start node, manhole, reference: FW1	
			WL	Water level, 10% of the vertical dimension: Live	
			SC	Pipe size changes, new size(s), 50mm high	
			MCP	Pipe material changes to polypropylene at this point	
			MHF	Finish node, manhole, reference: Pump: To pump outlet	
Depth: m					

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 24/11/2021 - Pump X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	PUMP X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW1



2, 00:00:28, 0.00 m
Water level, 10% of the vertical dimension, Live



3, 00:00:46, 2.90 m
Pipe size changes, new size(s), 50mm high



4, 00:01:08, 2.90 m
Finish node, manhole, reference: Pump, To pump outlet



Section Inspection - 24/11/2021 - FW4X

Item No. 2	Insp. No. 1	Date 24/11/21	Time 9:49	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR FW4X
Operator JY		Vehicle BV21 CDX		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Burgess Hill	Inspection Direction:	Downstream	Upstream Node:	FW4
Road:	Janes Lane	Inspected Length:	51.00 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	51.00 m	Downstream Node:	FW3
Surface Type:	Ballast	Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:192	Position [m]	Code	Observation	Grade
Depth: m FW4				
0.00		MH	Start node, manhole, reference: FW4	
0.00		WL	Water level, 0% of the vertical dimension	
1.70		WL	Water level, 10% of the vertical dimension	
1.80		WL	Water level, 20% of the vertical dimension	
1.90		WL	Water level, 30% of the vertical dimension	
1.90	S01	DEG	Attached deposits, grease from 9 o'clock to 3 o'clock, 20% cross-sectional area loss, start	
2.00	C01	DEG	Attached deposits, grease from 9 o'clock to 3 o'clock, 25% cross-sectional area loss, change	
2.20		CUW	Loss of vision, camera under water	
2.20		WL	Water level, 20% of the vertical dimension	
2.20	F01	DEG	Attached deposits, grease from 9 o'clock to 3 o'clock, 25% cross-sectional area loss, finish	5
2.30		WL	Water level, 10% of the vertical dimension	
2.50		WL	Water level, 0% of the vertical dimension	
3.60		MCVC	Pipe material changes to vitrified clay at this point	
5.10		FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock	3 / 2
14.00		FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock	3 / 2



Section Inspection - 24/11/2021 - FW4X

Item No. 2	Insp. No. 1	Date 24/11/21	Time 9:49	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR FW4X
Operator JY		Vehicle BV21 CDX		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Scale:	1:192	Position [m]	Code	Observation	Grade				
		18.50	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock	3 / 2				
		39.90	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock	3 / 2				
		40.60	MCPF	Pipe material changes to pitch fibre at this point					
		42.80	MCVC	Pipe material changes to vitrified clay at this point					
		44.40	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock	3 / 2				
		46.70	RFJ	Roots, fine at joint	2				
		48.20	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock	3 / 2				
		48.80	FCJ	Fracture, circumferential at joint from 11 o'clock to 6 o'clock	3 / 2				
		49.40	FCJ	Fracture, circumferential at joint from 12 o'clock to 12 o'clock	3 / 2				
		50.00	WL	Water level, 10% of the vertical dimension					
		51.00	MHF	Finish node, manhole, reference: FW3: Not located					
FW3 Depth: m									
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
8	40.0	0.0	320.0	3.0	10	10.0	0.0	19.0	5.0

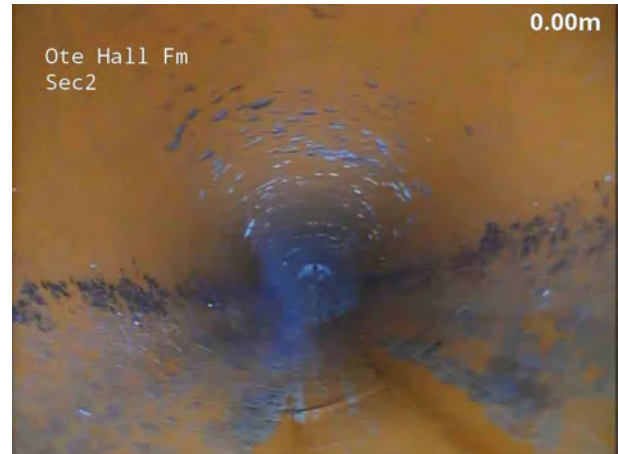


Section Pictures - 24/11/2021 - FW4X

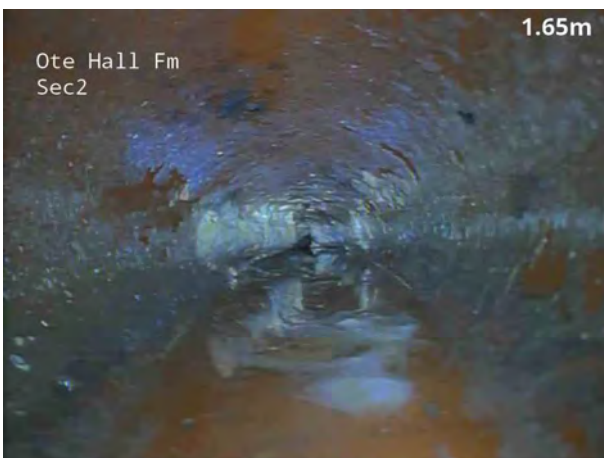
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	FW4X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW4



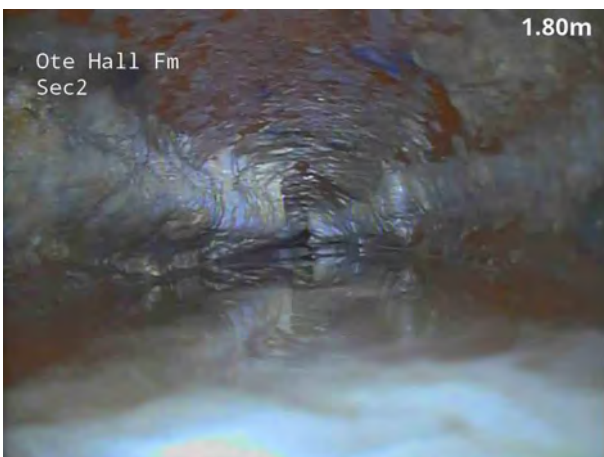
2, 00:00:08, 0.00 m
Water level, 0% of the vertical dimension



3, 00:00:18, 1.70 m
Water level, 10% of the vertical dimension



4, 00:00:20, 1.80 m
Water level, 20% of the vertical dimension



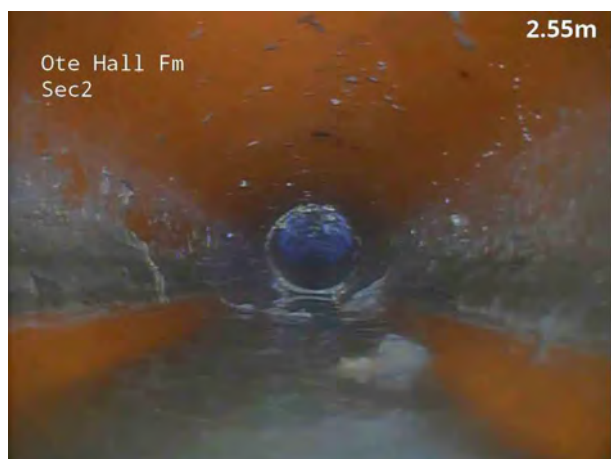
5, 00:00:24, 1.90 m
Attached deposits, grease from 9 o'clock to 3 o'clock, 20%
cross-sectional area loss, start



6, 00:00:29, 2.00 m
Attached deposits, grease from 9 o'clock to 3 o'clock, 25%
cross-sectional area loss, change

Section Pictures - 24/11/2021 - FW4X

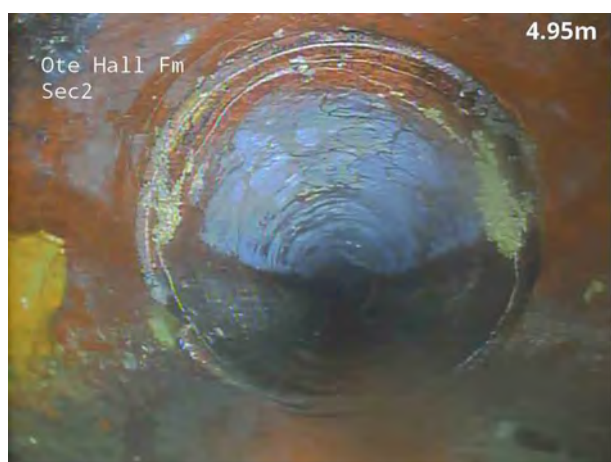
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	FW4X		



7, 00:06:15, 2.50 m
Water level, 0% of the vertical dimension



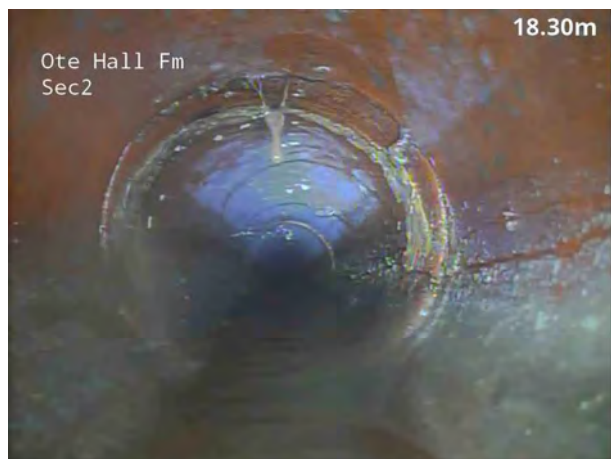
8, 00:06:17, 3.60 m
Pipe material changes to vitrified clay at this point



9, 00:06:06, 5.10 m
Fracture, circumferential at joint from 12 o'clock to 12 o'clock



10, 00:05:23, 14.00 m
Fracture, circumferential at joint from 12 o'clock to 12 o'clock



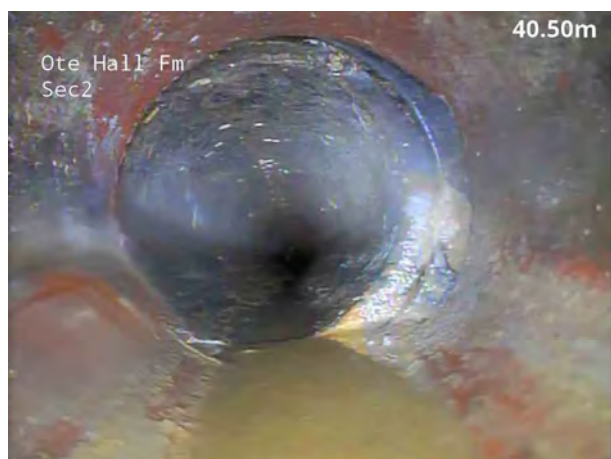
11, 00:05:04, 18.50 m
Fracture, circumferential at joint from 12 o'clock to 12 o'clock



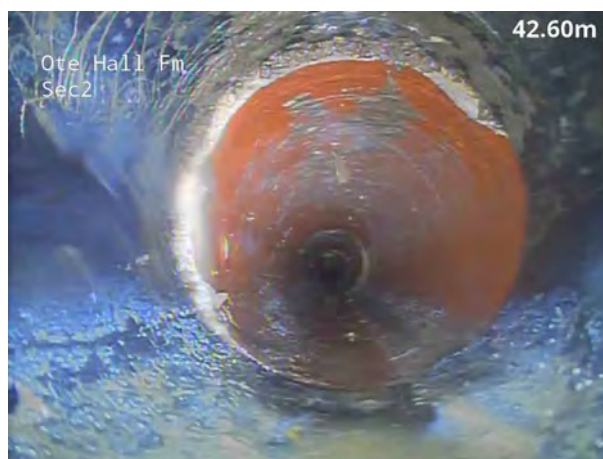
12, 00:03:18, 39.90 m
Fracture, circumferential at joint from 12 o'clock to 12 o'clock

Section Pictures - 24/11/2021 - FW4X

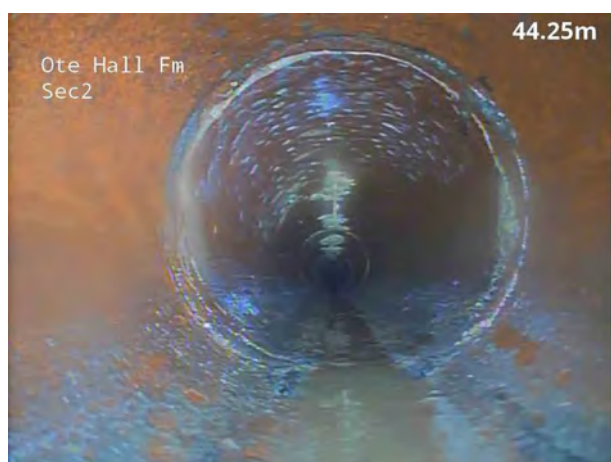
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	FW4X		



13, 00:03:11, 40.60 m
Pipe material changes to pitch fibre at this point



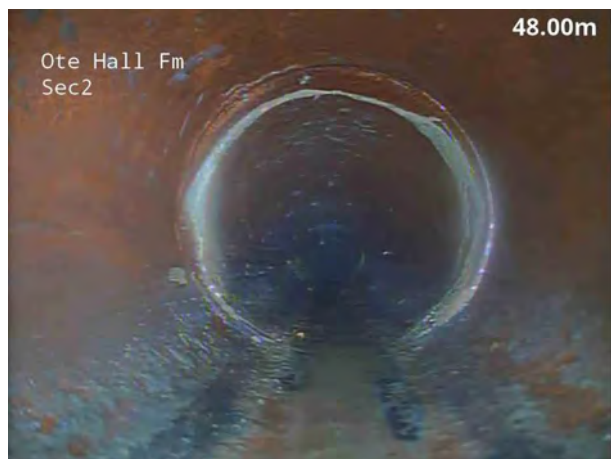
14, 00:02:55, 42.80 m
Pipe material changes to vitrified clay at this point



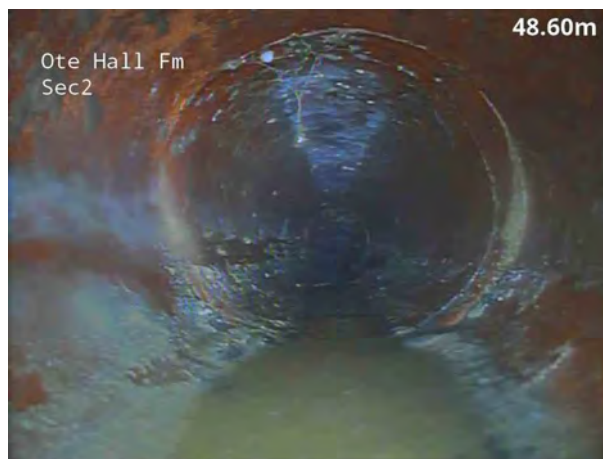
15, 00:02:38, 44.40 m
Fracture, circumferential at joint from 12 o'clock to 12 o'clock



16, 00:02:21, 46.70 m
Roots, fine at joint



17, 00:02:12, 48.20 m
Fracture, circumferential at joint from 12 o'clock to 12 o'clock

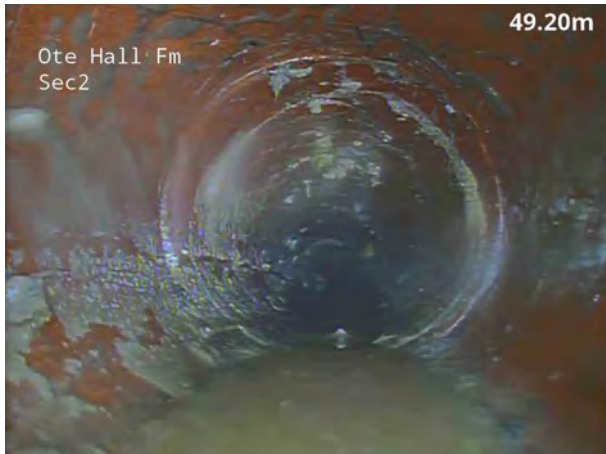


18, 00:02:05, 48.80 m
Fracture, circumferential at joint from 11 o'clock to 6 o'clock

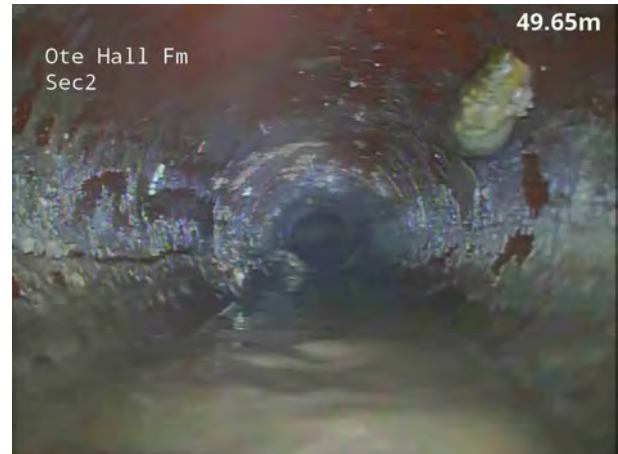


Section Pictures - 24/11/2021 - FW4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	FW4X		



19, 00:01:57, 49.40 m
Fracture, circumferential at joint from 12 o'clock to 12 o'clock



20, 00:01:53, 50.00 m
Water level, 10% of the vertical dimension



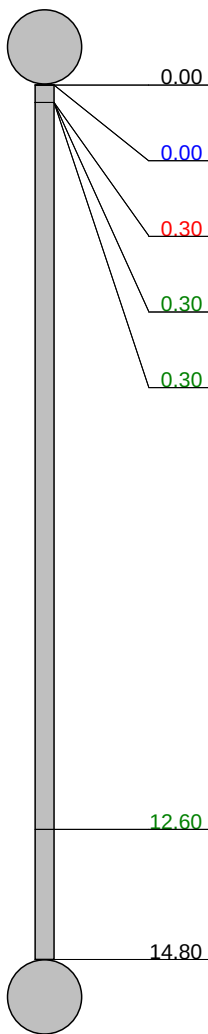
21, 00:01:47, 51.00 m
Finish node, manhole, reference: FW3, Not located

Section Inspection - 24/11/2021 - FW3X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	24/11/21	9:56	Not Specified	No Rain Or Snow	No	FW3X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
JY		BV21 CDX		Not Specified	Not Specified	Private Drain	Not Specified

Town or Village:	Burgess Hill	Inspection Direction:	Downstream	Upstream Node:	FW3
Road:	Janes Lane	Inspected Length:	14.80 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	14.80 m	Downstream Node:	FW2
Surface Type:	Ballast	Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:128	Position [m]	Code	Observation	Grade
Depth: m FW3 				
	0.00	MH	Start node, manhole, reference: FW3	
	0.00	WL	Water level, 0% of the vertical dimension	
	0.30	JDM	Joint displaced, medium	1 / 3
	0.30	RFJ	Roots, fine at joint	2
	0.30	LR	Line deviates right	
	12.60	LD	Line deviates down: At tumbler	
	14.80	MHF	Finish node, manhole, reference: FW2	

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.0	1.0	1.0	2	3.0	0.0	3.0	3.0



Section Pictures - 24/11/2021 - FW3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	FW3X		



1, 00:00:01, 0.00 m
Water level, 0% of the vertical dimension



2, 00:00:11, 0.30 m
Roots, fine at joint



3, 00:00:16, 0.30 m
Line deviates right



4, 00:00:45, 12.60 m
Line deviates down, At tumbler



5, 00:00:45, 12.60 m
Line deviates down, At tumbler



6, 00:01:09, 14.80 m
Finish node, manhole, reference: FW2

Section Inspection - 24/11/2021 - AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	1	24/11/21	10:13	Not Specified	No Rain Or Snow	No	AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
JY		BV21 CDX		Not Specified	Not Specified	Private Drain	Not Specified

Town or Village:	Burgess Hill	Inspection Direction:	Upstream	Upstream Node:	A
Road:	Janes Lane	Inspected Length:	30.00 m	Upstream Pipe Depth:	
Location:	Fields, farmland etc	Total Length:	30.00 m	Downstream Node:	FW5
Surface Type:	Grass	Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:259	Position [m]	Code	Observation	Grade
Depth: m FW5 0.00 0.00 30.00 A Depth: m MH WL MHF Start node, manhole, reference: FW5 Water level, 5% of the vertical dimension: Live Finish node, manhole, reference: A					

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 24/11/2021 - AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	AX		



1, 00:00:02, 0.00 m
Water level, 5% of the vertical dimension, Live

Section Inspection - 24/11/2021 - FW5X

Item No. 5	Insp. No. 1	Date 24/11/21	Time 10:38	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR FW5X
Operator JY		Vehicle BV21 CDX		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Burgess Hill	Inspection Direction:	Downstream	Upstream Node:	FW5
Road:	Janes Lane	Inspected Length:	142.40 m	Upstream Pipe Depth:	
Location:	Fields, farmland etc	Total Length:	160.00 m	Downstream Node:	FW2
Surface Type:	Grass	Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:1380	Position [m]	Code	Observation	Grade
Depth: m FW5 0.00 0.00 142.40 160.00 FW2 Depth: m </					

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 24/11/2021 - FW5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	FW5X		



1, 00:00:01, 0.00 m
Water level, 0% of the vertical dimension

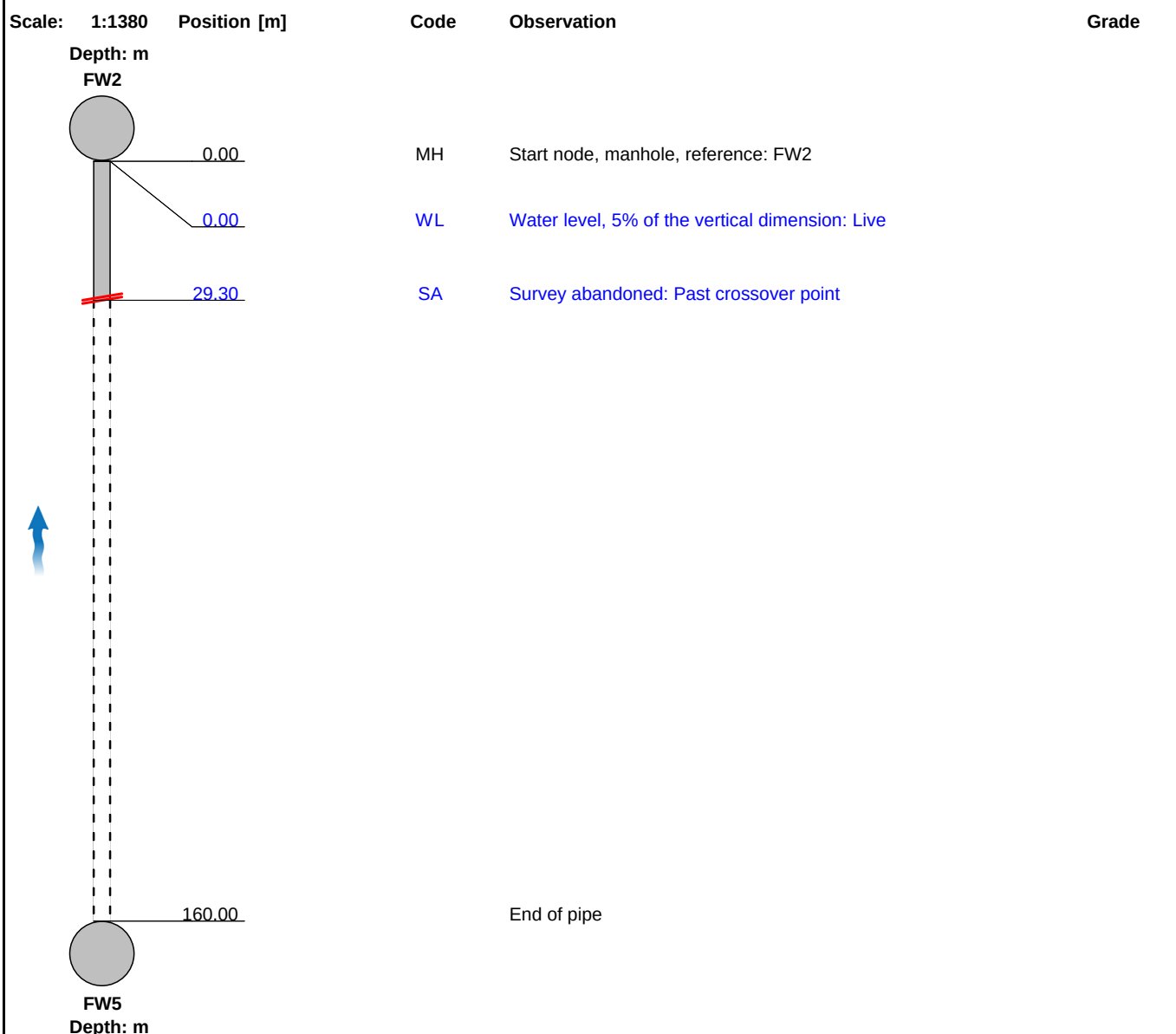


2, 00:05:11, 142.40 m
Survey abandoned, Unable to reach chamber, to come up from FW2

Section Inspection - 24/11/2021 - FW5X

Item No. 6	Insp. No. 1	Date 24/11/21	Time 11:05	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR FW5X
Operator JY		Vehicle BV21 CDX		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Burgess Hill	Inspection Direction:	Upstream	Upstream Node:	FW5
Road:	Janes Lane	Inspected Length:	29.30 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	160.00 m	Downstream Node:	FW2
Surface Type:	Ballast	Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

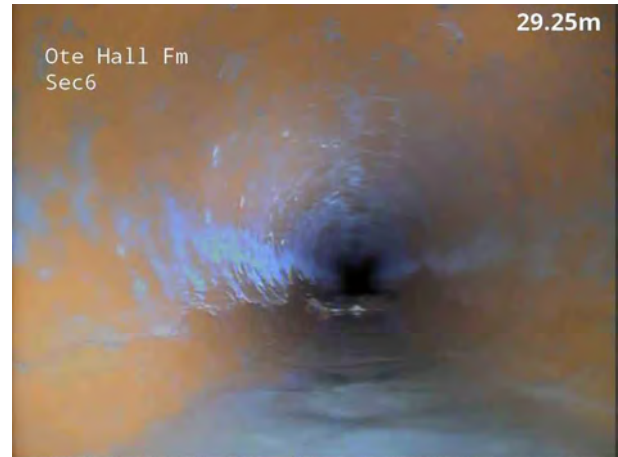


Section Pictures - 24/11/2021 - FW5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	FW5X		



1, 00:00:06, 0.00 m
Water level, 5% of the vertical dimension, Live



2, 00:01:14, 29.30 m
Survey abandoned, Past crossover point



Section Inspection - 24/11/2021 - FW2X

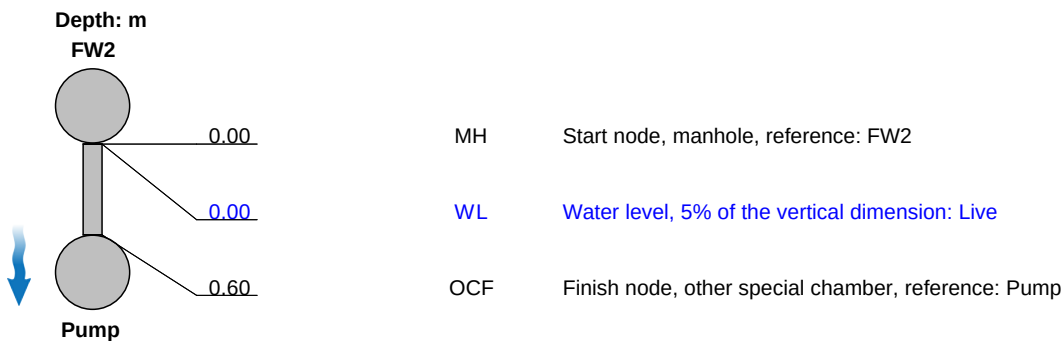
Item No. 7	Insp. No. 1	Date 24/11/21	Time 11:09	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR FW2X
Operator JY		Vehicle BV21 CDX		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Burgess Hill	Inspection Direction:	Downstream	Upstream Node:	FW2
Road:	Janes Lane	Inspected Length:	0.60 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	0.60 m	Downstream Node:	PUMP
Surface Type:	Ballast	Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:50 Position [m] Code Observation Grade



Depth: m

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 24/11/2021 - FW2X

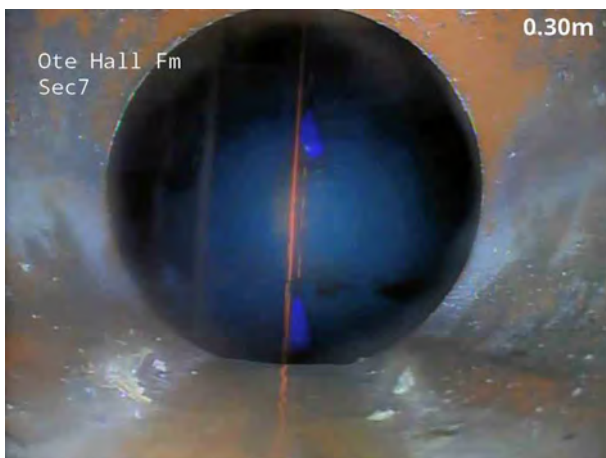
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	FW2X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW2



2, 00:00:27, 0.00 m
Water level, 5% of the vertical dimension, Live



3, 00:00:45, 0.60 m
Finish node, other special chamber, reference: Pump

Disclaimer

Although every effort has been made to produce a thorough and precise report, Eyes On Drainage Services Ltd cannot be held liable for any discrepancies or omissions.
Furthermore Eyes On Drainage Services Ltd cannot be held responsible for any actions taken based on the information supplied within this report.



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Date: 20/12/21

Scale: 1:1250

Map Centre: 533120,119898

Data updated: 23/11/21

Our Ref: 740951 - 1

Wastewater Plan A2

The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. This plan is produced by Southern Water Services Ltd (c) Crown copyright and database rights 2021 Ordnance Survey 100031673. This map is to be used for the purposes of viewing the location of Southern Water plant only. Any other uses of the map data or further copies is not permitted.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement.

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