



## Appendix D: - Drain Alert Drainage Investigation Report



Cripplegate Lane, Hoghton, Preston. PR5 0RR  
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Graham Schofield Associates  
Suite 3  
Balfour Court  
Off Hough Lane  
Leyland  
PR25 2TF

21<sup>st</sup> June 2023

Dear Ian,

**Reference: - JN3884 Sneakyeat Industrial Estate.**

May we thank you for your valued custom. As requested, we have conducted a CCTV inspection at the above premises. We have emailed a link to you to access the Wincan VX video clips and documents via the cloud.

We trust that the report is to your satisfaction; however, should you have any queries then please do not hesitate to contact me.

Yours sincerely,

**Mr S W Ormisher, B.A.(Hons.),**  
**Technical Services Consultant**

Service areas: Preston • Bolton • Wigan • Salford • Tameside • Rochdale • Cheshire • Fylde • Burnley  
Company Reg. No. 02950360 • VAT Reg. No. 448 2116 57





**Plan of the drainage system, not to scale.**

**Enclosed**

**Conclusion**

As requested, a CCTV survey and investigation of foul and surface water drainage systems serving the Industrial estate and surrounding area was carried out as instructed by client. Upon arrival visible inspection found numerous manholes to be in footpath and verge areas. Further investigation found silt and wastewater debris to be contaminating drainage lines and manholes therefore due to this HP tanker jetting was carried out as necessary to remove debris prior to the survey taking place.

The survey was conducted upstream and downstream from manholes marked and identified on plan accordingly. Evidence from the survey found drainage lines to be of various diameters and material construction throughout. The general condition of lines surveyed was found to be reasonable and in expected working order throughout.

Although a few faults were found in certain areas which will require remedial work to be carried out to prevent further deterioration and problems occurring in the future.

**Faults Found.**

**Section 14 MHS2 MHS3.**

Cracks seen at 1.20m causing structural weakness in the drainage line.

**Section 15 MHS1 MHS2.**

Cracks seen at 20.50 and 23.60m causing structural weakness and restriction in flow through the drainage line.

We trust that the above is acceptable; however, should you require any further information, please do not hesitate to contact me.

Yours sincerely,

Mr S W Ormisher,  
Technical Services Consultant

*Disclaimer - Please note that any dimensions, levels, and drainage layout drawings that are provided by Drain Alert, should be checked before being relied upon. All updated drawings are not to scale. It is the responsibility of the client to verify all information given with regards to the drainage prior to commencing any design or work site.*

**Project****Project Name:** 2023\_06\_15 33884 Sneakeat Industrial Estate**Project Description:** CCTV Drainage Survey**Project Number:** 33884**Project Status:** Complete**Project Date:** 6/15/2023**Inspection Standard:** MSCC5 Sewers & Drainage GB (SRM5 Scoring)



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## Project Information

Project Name	Project Number	Project Date
2023_06_15 33884 Sneakeat Industrial Estate	33884	6/15/2023

### Client

**Company:** Graham Schofield Associates  
**Description:** Structural Engineer  
**Contact:** Ian Schofield  
**Street:** Hough Lane, Suite 3, Balfour Court  
**Town or City:** Leyland  
**County:** Lancashire  
**Post Code:** PR25 2TF

### Manager

**Company:** Sneakeat Industrial Estate  
**Contact:** Ian Schofield  
**Street:** Sneakeat Road  
**Town or City:** Whitehaven  
**County:** Cumbria  
**Post Code:** CA28 8PF

### Contractor

**Company:** Drain-Alert Ltd  
**Description:** Commercial & Domestic Drainage Services  
**Contact:** Stephen Ormisher  
**Department:** Director  
**Street:** Cripplegate Lane  
**Town or City:** Hoghton  
**County:** Lancashire  
**Post Code:** PR5 0RR  
**Phone:** 0800 616222



## Scoring Summary

<b>Project Name</b> 2023_06_15 33884 Sneakyeat Industrial Estate	<b>Project Number</b> 33884	<b>Project Date</b> 6/15/2023
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### 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
15	MH S1X	3	Multiple defects

### Service / Operational Condition

Section	PLR	Grade	Description
All inspected pipes are in an acceptable service condition (< grade 3).			

### Abandoned Surveys

Section	PLR	Description
8	Main LineYX	Survey abandoned

### Information

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





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**Drain-Alert Ltd**  
Cripplegate Lane, Houghton  
Tel. 0800 616222

## Project Summary

Project Name 2023_06_15_33884_Sneakeyat Industrial Estate	Project Number 33884	Project Date 6/15/2023
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### Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	Main LineYX	MAIN LINEY	MH F1	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	15.70 m
2	SEC	MH F1X	MH F1	MH F2	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	17.10 m
3	SEC	MH F2X	MH F2	MH F3	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	10.60 m
4	SEC	MH F3X	MH F3	MH F4	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	31.20 m
5	SEC	Branch AX	BRANCH A	MH S1	Sneakeyat Road	Whitehaven	S	VC	Circular 100mm	2.00 m
6	SEC	MH F5X	MH F5	MH F6	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	22.40 m
7	SEC	MH F7X	MH F7	MH F6	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	13.80 m
8	SEC	Main LineYX	MAIN LINEY	MH F7	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	0.90 m
9	SEC	MH F6X	MH F6	MH F8	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	15.00 m
10	SEC	MH F8X	MH F8	MAIN LINE	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	20.20 m
11	SEC	Branch BX	BRANCH B	MH F8	Sneakeyat Road	Whitehaven	F	PVC	Circular 100mm	19.40 m
12	SEC	MH S4X	MH S4	MAIN LINE	Sneakeyat Road	Whitehaven	S	VC	Circular 375mm	24.50 m
13	SEC	MH S3X	MH S3	MH S4	Sneakeyat Road	Whitehaven	S	VC	Circular 375mm	15.50 m
14	SEC	MH S2X	MH S2	MH S3	Sneakeyat Road	Whitehaven	S	VC	Circular 300mm	18.30 m
15	SEC	MH S1X	MH S1	MH S2	Sneakeyat Road	Whitehaven	S	VC	Circular 225mm	44.30 m
16	SEC	Main LineYX	MAIN LINEY	MH S1	Sneakeyat Road	Whitehaven	S	VC	Circular 225mm	42.90 m
17	SEC	MH F4X	MH F4	MH F5	Sneakeyat Road	Whitehaven	F	VC	Circular 150mm	12.30 m
<b>Total:</b>										<b>326.10 m</b>

### Pipe Levels

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
1	Main LineYX	MAIN LINEY			0.000 m	MH F1			0.000 m
2	MH F1X	MH F1			0.000 m	MH F2			0.000 m
3	MH F2X	MH F2			0.000 m	MH F3			0.000 m
4	MH F3X	MH F3			0.000 m	MH F4			0.000 m
5	Branch AX	BRANCH A			0.000 m	MH S1			0.000 m
6	MH F5X	MH F5			0.000 m	MH F6			0.000 m



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## Project Summary

2023_06_15_33884 Sneakyeat Industrial Estate	Project Name	Project Number	Project Date
		33884	6/15/2023

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
7	MH F7X	MH F7			0.000 m	MH F6			0.000 m
8	Main LineYX	MAIN LINEY			0.000 m	MH F7			0.000 m
9	MH F6X	MH F6			0.000 m	MH F8			0.000 m
10	MH F8X	MH F8			0.000 m	MAIN LINE			0.000 m
11	Branch BX	BRANCH B			0.000 m	MH F8			0.000 m
12	MH S4X	MH S4			0.000 m	MAIN LINE			0.000 m
13	MH S3X	MH S3			0.000 m	MH S4			0.000 m
14	MH S2X	MH S2			0.000 m	MH S3			0.000 m
15	MH S1X	MH S1			0.000 m	MH S2			0.000 m
16	Main LineYX	MAIN LINEY			0.000 m	MH S1			0.000 m
17	MH F4X	MH F4			0.000 m	MH F5			0.000 m

## Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 100mm	2.00 m	
Circular 100mm	19.40 m	
<b>Circular 100mm</b>	<b>= 21.40 m</b>	<b>2</b>
Circular 150mm	15.70 m	
Circular 150mm	17.10 m	
Circular 150mm	10.60 m	
Circular 150mm	31.20 m	
Circular 150mm	22.40 m	
Circular 150mm	13.80 m	
Circular 150mm	0.90 m	
Circular 150mm	15.00 m	
Circular 150mm	20.20 m	
Circular 150mm	12.30 m	
<b>Circular 150mm</b>	<b>= 159.20 m</b>	<b>10</b>
Circular 225mm	44.30 m	
Circular 225mm	42.90 m	
<b>Circular 225mm</b>	<b>= 87.20 m</b>	<b>2</b>
Circular 300mm	18.30 m	
<b>Circular 300mm</b>	<b>= 18.30 m</b>	<b>1</b>
Circular 375mm	24.50 m	
Circular 375mm	15.50 m	



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## Project Summary

2023_06_15_33884 Sneakyeat Industrial Estate	Project Name	Project Number	Project Date
		33884	6/15/2023

Profile	Total Length	No. Pipes
Circular 375mm	= 40.00 m	2
<b>Total</b>	<b>= 326.10 m</b>	<b>17</b>

## Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	MAIN LINEY	MH F1	US	L Hilton	15/06/2023	10:21	1	1	MHF, Manhole Boundary Line Covered	15.70 m
2	1	MH F1	MH F2	DS	L Hilton	15/06/2023	10:24	1	1	MHF	17.10 m
3	1	MH F2	MH F3	DS	L Hilton	15/06/2023	10:26	1	1	MHF	10.60 m
4	1	MH F3	MH F4	DS	L Hilton	15/06/2023	11:12	1	1	MHF	31.20 m
5	1	BRANCH A	MH S1	US	L Hilton	15/06/2023	10:58	1	1	MHF, Road Gully	2.00 m
6	1	MH F5	MH F6	US	L Hilton	15/06/2023	11:38	1	1	MHF, Buried	22.40 m
7	1	MH F7	MH F6	US	L Hilton	15/06/2023	11:42	1	1	MHF	13.80 m
8	1	MAIN LINEY	MH F7	US	L Hilton	15/06/2023	11:44	1	1	SA, Drain Redundant	0.90 m
9	1	MH F6	MH F8	DS	L Hilton	15/06/2023	11:48	1	1	MHF, Backdrop	15.00 m
10	1	MH F8	MAIN LINE	DS	L Hilton	15/06/2023	13:34	1	1	MHF, Buried Manhole	20.20 m
11	1	BRANCH B	MH F8	US	L Hilton	15/06/2023	13:30	1	1	MHF, Manhole Boundary Line Covered	19.40 m
12	1	MH S4	MAIN LINE	DS	L Hilton	15/06/2023	13:50	1	1	MHF, Buried Manhole Boundary Line Covered	24.50 m
13	1	MH S3	MH S4	DS	L Hilton	15/06/2023	14:00	1	1	MHF	15.50 m
14	1	MH S2	MH S3	US	L Hilton	15/06/2023	14:08	2	2	MHF, Buried	18.30 m
15	1	MH S1	MH S2	DS	L Hilton	15/06/2023	14:30	3	2	MHF, Buried	44.30 m
16	1	MAIN LINEY	MH S1	US	L Hilton	15/06/2023	14:17	1	1	MHF, End of Line	42.90 m
17	1	MH F4	MH F5	DS	L Hilton	15/06/2023	14:43	1	1	MHF, Buried	12.30 m
<b>Total:</b>											<b>326.10 m</b>

## Inspection Summary by Profile

Profile	Total Length	No. Inspections
Circular 100mm	2.00 m	
Circular 100mm	19.40 m	
Circular 100mm	= 21.40 m	2





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**Drain-Alert Ltd**  
Cripplegate Lane, Hoghton  
Tel. 0800 616222

## Project Summary

<b>Project Name</b> 2023_06_15_33884_Sneakeyat Industrial Estate	<b>Project Number</b> 33884	<b>Project Date</b> 6/15/2023
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Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
7	1	MH F7	MH F6	13.8																				
8	1	MAIN LINEY	MH F7	0.9		1																		
9	1	MH F6	MH F8	15.0																				
10	1	MH F8	MAIN LINE	20.2																				
11	1	BRANCH B	MH F8	19.4																				
12	1	MH S4	MAIN LINE	24.5																				
13	1	MH S3	MH S4	15.5																				
14	1	MH S2	MH S3	18.3																				
15	1	MH S1	MH S2	44.3																				
16	1	MAIN LINEY	MH S1	42.9																				
17	1	MH F4	MH F5	12.3																				
<b>Total:</b>				<b>326.1</b>		<b>1</b>																		



## Legend of Classification (Section)

Project Name	Project Number	Project Date
2023_06_15 33884 Sneakyeat Industrial Estate	33884	6/15/2023

<b>1:</b>	<p>Brick: Minor structural defects.</p> <p>Other: Minor structural defects, i.e. open or displaced joints without additional characteristics.</p> <p><b>Acceptable structural condition.</b></p>
<b>2:</b>	<p>Brick: Circumferential cracking. Single longitudinal crack. Surface mortar loss (depth missing &lt; 15 mm). Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Other: Circumferential cracking. Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p><b>Minimal collapse likelihood in the short term but potential for further deterioration.</b></p>
<b>3:</b>	<p>Brick: Total mortar loss (depth missing &gt; 50 mm) without other defects. More than one longitudinal crack (at a single location). Multiple cracking. Single bricks displaced. Deformation &lt; 5%, no fracture and only moderate mortar loss. Surface damage - spalling medium (large areas of chipped brick). Surface damage - wear medium (entire surface of brick is missing).</p> <p>Other: Fracture with no deformation or deformation &lt; 5%. Longitudinal cracking or multiple cracking. Minor loss of level. Severe joint defects i.e. Surface damage - spalling medium. Surface damage - wear medium.</p> <p><b>Collapse unlikely in the near future but further deterioration likely.</b></p>
<b>4:</b>	<p>Brick: Total mortar loss (depth missing &gt; 50mm) with deformation &gt; 10%; deformation up to 10% and fractured; displaced or hanging brickwork; small number of missing bricks; dropped invert (drop &gt; 20mm); moderate loss of level; surface damage - large spalling (entire surface of brick is missing); surface damage - large wear (entire surface of brick is missing).</p> <p>Other: Broken; deformation up to 10% and broken; fracture with deformation 5-10%; multiple fractures; serious loss of level; serious joint defects with voids or soil visible (open joint with &gt; 50mm soil or void visible or joint displacement &gt; 25% of diameter); surface damage - entire area of pipe surface is missing or severely worn.</p> <p><b>Collapse likely in the foreseeable future.</b></p>
<b>5:</b>	<p>Brick: Already collapsed; missing Invert; deformation &gt; 10% and fractured; displaced or hanging brickwork and deformation &lt; 10%; extensive areas of missing brickwork.</p> <p>Other: Already collapsed; deformation &gt; 10% and broken; extensive areas of pipe fabric missing; fractures with deformation &gt; 10%</p> <p><b>Collapsed or collapse imminent.</b></p>



## Section Profile - 6/15/2023 - Main LineYX

**Project Name**  
 2023\_06\_15 33884 Sneakeat Industrial Estate

**Project Number**  
 33884

**Project Date**  
 6/15/2023

### Circular, 100 mm, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
5	Branch A	MH S1	6/15/2023	Sneakeat Road	Vitrified clay	2.00 m	2.00 m
11	Branch B	MH F8	6/15/2023	Sneakeat Road	Polyvinyl chloride	19.40 m	19.40 m

**Total: 2 Inspections x Circular 100 mm, 100 mm = 21.40 m Total Length and 21.40 m Inspected Length**

### Circular, 150 mm, 150 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	Main LineY	MH F1	6/15/2023	Sneakeat Road	Vitrified clay	15.70 m	15.70 m
2	MH F1	MH F2	6/15/2023	Sneakeat Road	Vitrified clay	17.10 m	17.10 m
3	MH F2	MH F3	6/15/2023	Sneakeat Road	Vitrified clay	10.60 m	10.60 m
4	MH F3	MH F4	6/15/2023	Sneakeat Road	Vitrified clay	31.20 m	31.20 m
6	MH F5	MH F6	6/15/2023	Sneakeat Road	Vitrified clay	22.40 m	22.40 m
7	MH F7	MH F6	6/15/2023	Sneakeat Road	Vitrified clay	13.80 m	13.80 m
8	Main LineY	MH F7	6/15/2023	Sneakeat Road	Vitrified clay	0.90 m	0.90 m
9	MH F6	MH F8	6/15/2023	Sneakeat Road	Vitrified clay	15.00 m	15.00 m
10	MH F8	Main Line	6/15/2023	Sneakeat Road	Vitrified clay	20.20 m	20.20 m
17	MH F4	MH F5	6/15/2023	Sneakeat Road	Vitrified clay	12.30 m	12.30 m

**Total: 10 Inspections x Circular 150 mm, 150 mm = 159.20 m Total Length and 159.20 m Inspected Length**

### Circular, 225 mm, 225 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
15	MH S1	MH S2	6/15/2023	Sneakeat Road	Vitrified clay	44.30 m	44.30 m
16	Main LineY	MH S1	6/15/2023	Sneakeat Road	Vitrified clay	42.90 m	42.90 m

**Total: 2 Inspections x Circular 225 mm, 225 mm = 87.20 m Total Length and 87.20 m Inspected Length**

### Circular, 300 mm, 300 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
14	MH S2	MH S3	6/15/2023	Sneakeat Road	Vitrified clay	18.30 m	18.30 m

**Total: 1 Inspection x Circular 300 mm, 300 mm = 18.30 m Total Length and 18.30 m Inspected Length**

### Circular, 375 mm, 375 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
12	MH S4	Main Line	6/15/2023	Sneakeat Road	Vitrified clay	24.50 m	24.50 m
13	MH S3	MH S4	6/15/2023	Sneakeat Road	Vitrified clay	15.50 m	15.50 m

**Total: 2 Inspections x Circular 375 mm, 375 mm = 40.00 m Total Length and 40.00 m Inspected Length**

**Total: 17 Inspections = 326.10 m Total Length and 326.10 m Inspected Length**



## Section Summary

<b>Project Name</b> 2023_06_15 33884 Sneakyeat Industrial Estate	<b>Project Number</b> 33884	<b>Project Date</b> 6/15/2023
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Number of sections	17
Total length of sections	326.10 m
Total length of inspected sections	326.10 m
Total length of not inspected sections	0.00 m
Total abandoned inspections	1
Number of section inspection photos	3
Number of section inspection videos	17
Number of section inspection scans	0
Number of section inclination measurements	0

<b>PLR:</b> Main LineYX	<b>Upstream Node:</b> Main LineY
<b>Inspection Direction:</b> Upstream	<b>Downstream Node:</b> MH F1
<b>Inspected Length:</b> 15.70 m	<b>Dia/Height:</b> 150 mm
<b>Total Length:</b> 15.70 m	<b>Material:</b> Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F1
2	15.70	MHF	Finish node, manhole, reference: Main LineY

<b>PLR:</b> MH F1X	<b>Upstream Node:</b> MH F1
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> MH F2
<b>Inspected Length:</b> 17.10 m	<b>Dia/Height:</b> 150 mm
<b>Total Length:</b> 17.10 m	<b>Material:</b> Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F1
2	17.10	MHF	Finish node, manhole, reference: MH F2

<b>PLR:</b> MH F2X	<b>Upstream Node:</b> MH F2
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> MH F3
<b>Inspected Length:</b> 10.60 m	<b>Dia/Height:</b> 150 mm
<b>Total Length:</b> 10.60 m	<b>Material:</b> Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F2
2	10.60	MHF	Finish node, manhole, reference: MH F3

<b>PLR:</b> MH F3X	<b>Upstream Node:</b> MH F3
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> MH F4
<b>Inspected Length:</b> 31.20 m	<b>Dia/Height:</b> 150 mm
<b>Total Length:</b> 31.20 m	<b>Material:</b> Vitrified clay





## Section Summary

<b>Project Name</b> 2023_06_15 33884 Sneakyeat Industrial Estate	<b>Project Number</b> 33884	<b>Project Date</b> 6/15/2023
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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F3
2	31.20	MHF	Finish node, manhole, reference: MH F4

<b>PLR:</b>	Branch AX	<b>Upstream Node:</b>	Branch A
<b>Inspection Direction:</b>	Upstream	<b>Downstream Node:</b>	MH S1
<b>Inspected Length:</b>	2.00 m	<b>Dia/Height:</b>	100 mm
<b>Total Length:</b>	2.00 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH S1
2	2.00	MHF	Finish node, manhole, reference: Branch A

<b>PLR:</b>	MH F5X	<b>Upstream Node:</b>	MH F5
<b>Inspection Direction:</b>	Upstream	<b>Downstream Node:</b>	MH F6
<b>Inspected Length:</b>	22.40 m	<b>Dia/Height:</b>	150 mm
<b>Total Length:</b>	22.40 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F6
2	22.40	MHF	Finish node, manhole, reference: MH F5

<b>PLR:</b>	MH F7X	<b>Upstream Node:</b>	MH F7
<b>Inspection Direction:</b>	Upstream	<b>Downstream Node:</b>	MH F6
<b>Inspected Length:</b>	13.80 m	<b>Dia/Height:</b>	150 mm
<b>Total Length:</b>	13.80 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F6
2	13.80	MHF	Finish node, manhole, reference: MH F7

<b>PLR:</b>	Main LineYX	<b>Upstream Node:</b>	Main LineY
<b>Inspection Direction:</b>	Upstream	<b>Downstream Node:</b>	MH F7
<b>Inspected Length:</b>	0.90 m	<b>Dia/Height:</b>	150 mm
<b>Total Length:</b>	0.90 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F7
2	0.50	SC	Pipe size changes, new size(s), 100mm high
3	0.90	SA	Survey abandoned

<b>PLR:</b>	MH F6X	<b>Upstream Node:</b>	MH F6
<b>Inspection Direction:</b>	Downstream	<b>Downstream Node:</b>	MH F8
<b>Inspected Length:</b>	15.00 m	<b>Dia/Height:</b>	150 mm
<b>Total Length:</b>	15.00 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F6
2	15.00	MHF	Finish node, manhole, reference: MH F8

<b>PLR:</b>	MH F8X	<b>Upstream Node:</b>	MH F8
<b>Inspection Direction:</b>	Downstream	<b>Downstream Node:</b>	Main Line
<b>Inspected Length:</b>	20.20 m	<b>Dia/Height:</b>	150 mm
<b>Total Length:</b>	20.20 m	<b>Material:</b>	Vitrified clay



## Section Summary

<b>Project Name</b> 2023_06_15 33884 Sneakyeat Industrial Estate	<b>Project Number</b> 33884	<b>Project Date</b> 6/15/2023
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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F8
2	20.20	MHF	Finish node, manhole, reference: Main Line

<b>PLR:</b>	Branch BX	<b>Upstream Node:</b>	Branch B
<b>Inspection Direction:</b>	Upstream	<b>Downstream Node:</b>	MH F8
<b>Inspected Length:</b>	19.40 m	<b>Dia/Height:</b>	100 mm
<b>Total Length:</b>	19.40 m	<b>Material:</b>	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F8
2	19.40	MHF	Finish node, manhole, reference: Branch B

<b>PLR:</b>	MH S4X	<b>Upstream Node:</b>	MH S4
<b>Inspection Direction:</b>	Downstream	<b>Downstream Node:</b>	Main Line
<b>Inspected Length:</b>	24.50 m	<b>Dia/Height:</b>	375 mm
<b>Total Length:</b>	24.50 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH S4
2	24.50	MHF	Finish node, manhole, reference: Main Line

<b>PLR:</b>	MH S3X	<b>Upstream Node:</b>	MH S3
<b>Inspection Direction:</b>	Downstream	<b>Downstream Node:</b>	MH S4
<b>Inspected Length:</b>	15.50 m	<b>Dia/Height:</b>	375 mm
<b>Total Length:</b>	15.50 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH S3
2	4.90	JN	Junction at 2 o'clock, 150mm dia
3	15.50	MHF	Finish node, manhole, reference: MH S4

<b>PLR:</b>	MH S2X	<b>Upstream Node:</b>	MH S2
<b>Inspection Direction:</b>	Upstream	<b>Downstream Node:</b>	MH S3
<b>Inspected Length:</b>	18.30 m	<b>Dia/Height:</b>	300 mm
<b>Total Length:</b>	18.30 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH S3
2	1.20	CC	Crack, circumferential from 12 o'clock to 12 o'clock
3	11.60	JN	Junction at 10 o'clock, 100mm dia
4	18.30	MHF	Finish node, manhole, reference: MH S2

<b>PLR:</b>	MH S1X	<b>Upstream Node:</b>	MH S1
<b>Inspection Direction:</b>	Downstream	<b>Downstream Node:</b>	MH S2
<b>Inspected Length:</b>	44.30 m	<b>Dia/Height:</b>	225 mm
<b>Total Length:</b>	44.30 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH S1
2	20.50	CM	Cracks, multiple from 12 o'clock to 12 o'clock
3	22.20	JN	Junction at 2 o'clock, 150mm dia
4	23.60	CM	Cracks, multiple from 12 o'clock to 12 o'clock



## Section Summary

<b>Project Name</b> 2023_06_15_33884 Sneakyeat Industrial Estate	<b>Project Number</b> 33884	<b>Project Date</b> 6/15/2023
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No.	m+	Code	Observation
5	26.00	JN	Junction at 11 o'clock, 150mm dia
6	44.30	MHF	Finish node, manhole, reference: MH S2

<b>PLR:</b>	Main LineYX	<b>Upstream Node:</b>	Main LineY
<b>Inspection Direction:</b>	Upstream	<b>Downstream Node:</b>	MH S1
<b>Inspected Length:</b>	42.90 m	<b>Dia/Height:</b>	225 mm
<b>Total Length:</b>	42.90 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH S1
2	2.10	JN	Junction at 2 o'clock, 150mm dia
3	21.00	JN	Junction at 9 o'clock, 150mm dia
4	33.00	JN	Junction at 2 o'clock, 150mm dia
5	42.90	MHF	Finish node, manhole, reference: Main LineY

<b>PLR:</b>	MH F4X	<b>Upstream Node:</b>	MH F4
<b>Inspection Direction:</b>	Downstream	<b>Downstream Node:</b>	MH F5
<b>Inspected Length:</b>	12.30 m	<b>Dia/Height:</b>	150 mm
<b>Total Length:</b>	12.30 m	<b>Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH F4
2	12.30	MHF	Finish node, manhole, reference: MH F5



## Completed section inspection

<b>Item No.</b> 1	<b>Insp. No.</b> 1	<b>Date</b> 15/06/23	<b>Time</b> 10:21	<b>Client's Job Ref</b> Not Specified	<b>Weather</b> No Rain Or Snow	<b>Pre Cleaned</b> Yes	<b>PLR</b> MAIN LINEYX
<b>Operator</b> L Hilton		<b>Vehicle</b> PK65 HFB		<b>Camera</b> P235 Flexi-Rod	<b>Preset Length</b> Not Specified	<b>Legal Status</b> Private Sewer	<b>Alternative ID</b> Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Upstream	<b>Upstream Node:</b>	MAIN LINEY
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	15.70 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	15.70 m	<b>Downstream Node:</b>	MH F1
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Foul	<b>Pipe Shape:</b>	Circular	<b>Dia/Height:</b>	150 mm <b>Width:</b> 150 mm
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Material:</b>	Vitrified clay	<b>Lining Type:</b>	No Lining
<b>Flow Control:</b>	No flow control	<b>Lining Material:</b>	No Lining		
<b>Year Constructed:</b>	Not Specified				
<b>Inspection Purpose:</b>	Sample condition survey				

**Comments:**

**Recommendations:**

Scale: 1:136      Position [m]      Code      Observation      MPEG      Photo      Grade

Depth: m  
MH F1



0.00

MH

Start node, manhole, reference: MH F1

00:00:10

15.70

MHF

Finish node, manhole, reference: Main LineY: Manhole  
Boundary Line Covered

00:01:35

Main LineY  
Depth: m

<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

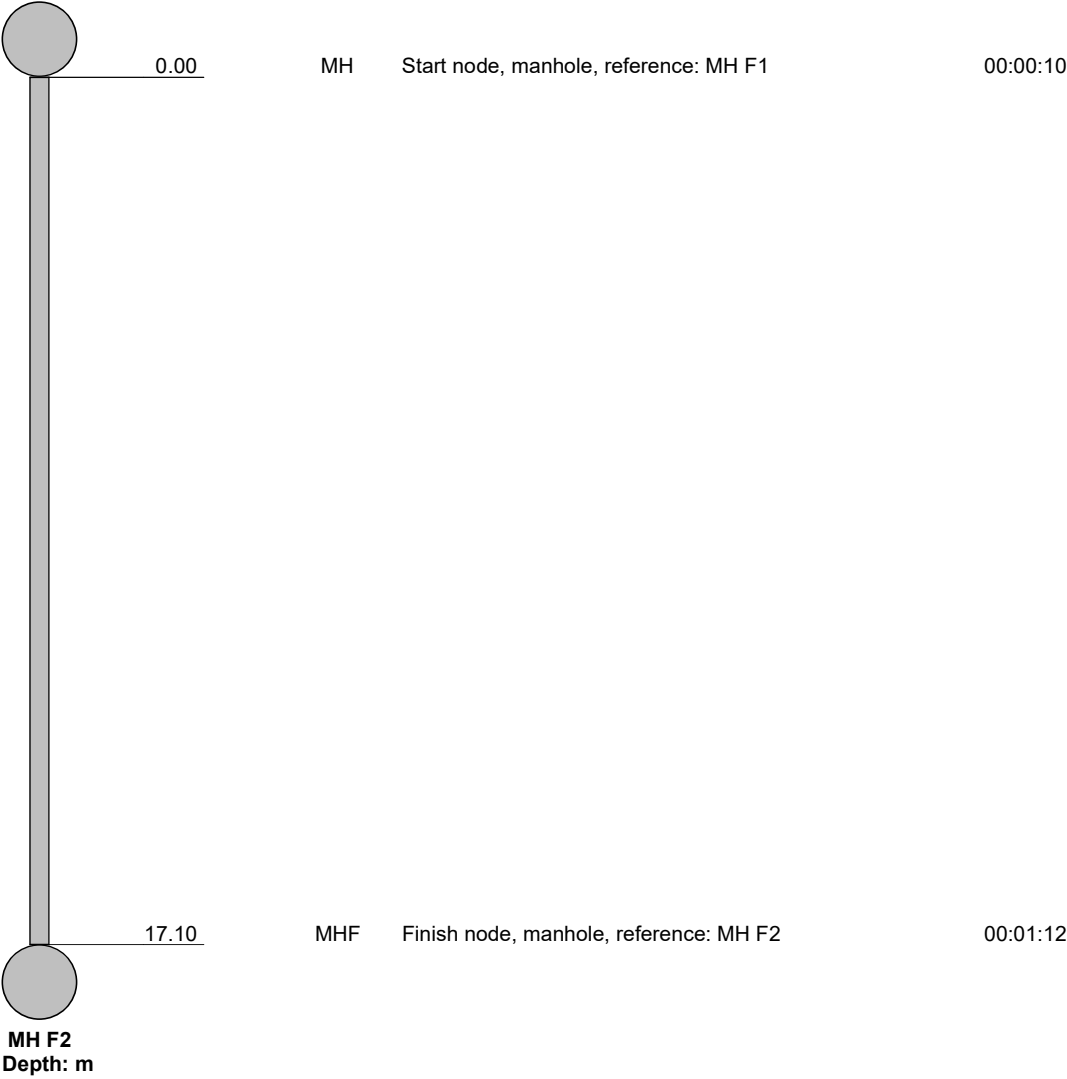
## Completed section inspection

<b>Item No.</b> 2	<b>Insp. No.</b> 1	<b>Date</b> 15/06/23	<b>Time</b> 10:24	<b>Client's Job Ref</b> Not Specified	<b>Weather</b> No Rain Or Snow	<b>Pre Cleaned</b> Yes	<b>PLR</b> MH F1X
<b>Operator</b> L Hilton		<b>Vehicle</b> PK65 HFB		<b>Camera</b> P235 Flexi-Rod	<b>Preset Length</b> Not Specified	<b>Legal Status</b> Private Sewer	<b>Alternative ID</b> Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Downstream	<b>Upstream Node:</b>	MH F1
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	17.10 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	17.10 m	<b>Downstream Node:</b>	MH F2
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Foul	<b>Pipe Shape:</b>	Circular	<b>Dia/Height:</b>	150 mm <b>Width:</b> 150 mm
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Material:</b>	Vitrified clay	<b>Lining Type:</b>	No Lining
<b>Flow Control:</b>	No flow control	<b>Lining Material:</b>	No Lining		
<b>Year Constructed:</b>	Not Specified				
<b>Inspection Purpose:</b>	Sample condition survey				

**Comments:**

**Recommendations:**

Scale:	1:149	Position [m]	Code	Observation	MPEG	Photo	Grade		
<p>Depth: m MH F1</p> 									
		0.00	MH	Start node, manhole, reference: MH F1	00:00:10				
		17.10	MHF	Finish node, manhole, reference: MH F2	00:01:12				
<p>MH F2 Depth: m</p>									
<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



## Completed section inspection

<b>Item No.</b> 3	<b>Insp. No.</b> 1	<b>Date</b> 15/06/23	<b>Time</b> 10:26	<b>Client's Job Ref</b> Not Specified	<b>Weather</b> No Rain Or Snow	<b>Pre Cleaned</b> Yes	<b>PLR</b> MH F2X
<b>Operator</b> L Hilton		<b>Vehicle</b> PK65 HFB		<b>Camera</b> P235 Flexi-Rod	<b>Preset Length</b> Not Specified	<b>Legal Status</b> Private Sewer	<b>Alternative ID</b> Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Downstream	<b>Upstream Node:</b>	MH F2
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	10.60 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	10.60 m	<b>Downstream Node:</b>	MH F3
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Foul	<b>Pipe Shape:</b>	Circular	<b>Dia/Height:</b>	150 mm <b>Width:</b> 150 mm
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Material:</b>	Vitrified clay	<b>Lining Type:</b>	No Lining
<b>Flow Control:</b>	No flow control	<b>Lining Material:</b>	No Lining		
<b>Year Constructed:</b>	Not Specified				
<b>Inspection Purpose:</b>	Sample condition survey				

**Comments:**  
**Recommendations:**

Scale:	1:92	Position [m]	Code	Observation	MPEG	Photo	Grade		
<p>Depth: m MH F2</p>									
	0.00	MH	Start node, manhole, reference: MH F2	00:00:10					
	10.60	MHF	Finish node, manhole, reference: MH F3	00:00:54					
<p>MH F3 Depth: m</p>									
<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



## Completed section inspection

<b>Item No.</b> 4	<b>Insp. No.</b> 1	<b>Date</b> 15/06/23	<b>Time</b> 11:12	<b>Client's Job Ref</b> Not Specified	<b>Weather</b> No Rain Or Snow	<b>Pre Cleaned</b> Yes	<b>PLR</b> MH F3X
<b>Operator</b> L Hilton		<b>Vehicle</b> PK65 HFB		<b>Camera</b> P235 Flexi-Rod	<b>Preset Length</b> Not Specified	<b>Legal Status</b> Private Sewer	<b>Alternative ID</b> Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Downstream	<b>Upstream Node:</b>	MH F3
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	31.20 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	31.20 m	<b>Downstream Node:</b>	MH F4
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Foul	<b>Pipe Shape:</b>	Circular	<b>Dia/Height:</b>	150 mm <b>Width:</b> 150 mm
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Material:</b>	Vitrified clay	<b>Lining Type:</b>	No Lining
<b>Flow Control:</b>	No flow control	<b>Lining Material:</b>	No Lining		
<b>Year Constructed:</b>	Not Specified				
<b>Inspection Purpose:</b>	Sample condition survey				

**Comments:****Recommendations:**

Scale:	1:271	Position [m]	Code	Observation	MPEG	Photo	Grade		
<b>Depth: m</b>									
<b>MH F3</b>									
	0.00	MH	Start node, manhole, reference: MH F3		00:00:10				
	31.20	MHF	Finish node, manhole, reference: MH F4		00:01:41				
<b>Depth: m</b>									
<b>MH F4</b>									
<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



## Completed section inspection

<b>Item No.</b> 5	<b>Insp. No.</b> 1	<b>Date</b> 15/06/23	<b>Time</b> 10:58	<b>Client's Job Ref</b> Not Specified	<b>Weather</b> No Rain Or Snow	<b>Pre Cleaned</b> Yes	<b>PLR</b> BRANCH AX
<b>Operator</b> L Hilton		<b>Vehicle</b> PK65 HFB		<b>Camera</b> P235 Flexi-Rod	<b>Preset Length</b> Not Specified	<b>Legal Status</b> Private Sewer	<b>Alternative ID</b> Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Upstream	<b>Upstream Node:</b>	BRANCH A
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	2.00 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	2.00 m	<b>Downstream Node:</b>	MH S1
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Surface water	<b>Pipe Shape:</b>	Circular	<b>Dia/Height:</b>	100 mm <b>Width:</b> 100 mm
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Material:</b>	Vitrified clay	<b>Lining Type:</b>	No Lining
<b>Flow Control:</b>	No flow control	<b>Lining Material:</b>	No Lining		
<b>Year Constructed:</b>	Not Specified				
<b>Inspection Purpose:</b>	Sample condition survey				

**Comments:****Recommendations:**

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m					
		MH S1					
		0.00	MH	Start node, manhole, reference: MH S1	00:00:10		
		2.00	MHF	Finish node, manhole, reference: Branch A: Road Gully	00:01:13		
		Branch A					
		Depth: m					

<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0





## Completed section inspection

Item No. 6	Insp. No. 1	Date 15/06/23	Time 11:38	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Yes	PLR MH F5X
Operator L Hilton		Vehicle PK65 HFB		Camera P235 Flexi-Rod	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Upstream	<b>Upstream Node:</b>	MH F5
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	22.40 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	22.40 m	<b>Downstream Node:</b>	MH F6
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Foul	<b>Pipe Shape:</b>	Circular	<b>Dia/Height:</b>	150 mm <b>Width:</b> 150 mm
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Material:</b>	Vitrified clay	<b>Lining Type:</b>	No Lining
<b>Flow Control:</b>	No flow control	<b>Lining Material:</b>	No Lining		
<b>Year Constructed:</b>	Not Specified				
<b>Inspection Purpose:</b>	Sample condition survey				

**Comments:**

**Recommendations:**

Scale:	1:194	Position [m]	Code	Observation	MPEG	Photo	Grade		
<p>Depth: m MH F6</p>									
		0.00	MH	Start node, manhole, reference: MH F6	00:00:10				
		22.40	MHF	Finish node, manhole, reference: MH F5: Buried	00:01:30				
<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



## Completed section inspection

<b>Item No.</b> 7	<b>Insp. No.</b> 1	<b>Date</b> 15/06/23	<b>Time</b> 11:42	<b>Client's Job Ref</b> Not Specified	<b>Weather</b> No Rain Or Snow	<b>Pre Cleaned</b> Yes	<b>PLR</b> MH F7X
<b>Operator</b> L Hilton		<b>Vehicle</b> PK65 HFB		<b>Camera</b> P235 Flexi-Rod	<b>Preset Length</b> Not Specified	<b>Legal Status</b> Private Sewer	<b>Alternative ID</b> Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Upstream	<b>Upstream Node:</b>	MH F7
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	13.80 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	13.80 m	<b>Downstream Node:</b>	MH F6
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Foul	<b>Pipe Shape:</b>	Circular		
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Dia/Height:</b>	150 mm	<b>Width:</b>	150 mm
<b>Flow Control:</b>	No flow control	<b>Material:</b>	Vitrified clay		
<b>Year Constructed:</b>	Not Specified	<b>Lining Type:</b>	No Lining		
<b>Inspection Purpose:</b>	Sample condition survey	<b>Lining Material:</b>	No Lining		

**Comments:****Recommendations:**

Scale:	1:120	Position [m]	Code	Observation	MPEG	Photo	Grade		
<p>Depth: m MH F6</p>									
	0.00	MH	Start node, manhole, reference: MH F6	00:00:10					
	13.80	MHF	Finish node, manhole, reference: MH F7	00:00:55					
<p>MH F7 Depth: m</p>									
<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



## Abandoned section inspection

<b>Item No.</b> 8	<b>Insp. No.</b> 1	<b>Date</b> 15/06/23	<b>Time</b> 11:44	<b>Client's Job Ref</b> Not Specified	<b>Weather</b> No Rain Or Snow	<b>Pre Cleaned</b> Yes	<b>PLR</b> MAIN LINEYX
<b>Operator</b> L Hilton		<b>Vehicle</b> PK65 HFB		<b>Camera</b> P235 Flexi-Rod	<b>Preset Length</b> Not Specified	<b>Legal Status</b> Private Sewer	<b>Alternative ID</b> Not Specified

<b>Town or Village:</b>	Whitehaven	<b>Inspection Direction:</b>	Upstream	<b>Upstream Node:</b>	MAIN LINEY
<b>Road:</b>	Sneakeat Road	<b>Inspected Length:</b>	0.90 m	<b>Upstream Pipe Depth:</b>	
<b>Location:</b>	Footway	<b>Total Length:</b>	0.90 m	<b>Downstream Node:</b>	MH F7
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b>	
<b>Use:</b>	Foul	<b>Pipe Shape:</b>	Circular	<b>Dia/Height:</b>	150 mm <b>Width:</b> 150 mm
<b>Type of Pipe:</b>	Gravity drain/sewer	<b>Material:</b>	Vitrified clay	<b>Lining Type:</b>	No Lining
<b>Flow Control:</b>	No flow control	<b>Lining Material:</b>	No Lining		
<b>Year Constructed:</b>	Not Specified				
<b>Inspection Purpose:</b>	Sample condition survey				

**Comments:**

**Recommendations:**

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<p>Depth: m MH F7</p>							
		0.00	MH	Start node, manhole, reference: MH F7	00:00:10		
		0.50	SC	Pipe size changes, new size(s), 100mm high	00:00:22		
		0.90	SA	Survey abandoned: Drain Redundant	00:00:37		

<b>STR No. Def</b>	<b>STR Peak</b>	<b>STR Mean</b>	<b>STR Total</b>	<b>STR Grade</b>	<b>SER No. Def</b>	<b>SER Peak</b>	<b>SER Mean</b>	<b>SER Total</b>	<b>SER Grade</b>
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0