

Table of contents

Project Name: Gleeson - Off Wakefield Road	Project number:	Date: 17/12/2024	Contact:	
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Profile Report	1
Inspection: 1	
Project Information	2
Section: 1, S1 --- Outfall	5
Section: 2, F1 --- F2	6
Section: 3, F2 --- F3	11
Section: 4, F3 --- F4	16
Section: 5, F4 --- F5	20
Section: 6, F4 --- Boundary	24
Section: 7, F6 --- F3	26
Section: 8, F7 --- F5	31
Section: 9, F7 --- F5	38
Section: 10, F7 --- F5	41
Section: 11, F5 --- F8	45
Section: 12, F8 --- F9	50
Section: 13, F8 --- F9	58
Section: 14, F9 --- F10	62

ΣØ / Main sections

Project name : Gleeson - Off Wakefield Road - Ather	Project number :	Contact :	Date : 17/12/2024
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Nr.	US MH	DS MH	Date	Road	Tape No.	Material	m	(m)
7	F6	F3	20/12/2024	Off Wakefield Road		Vitrified clay	63.20	63.20
8	F7	F5	20/12/2024	Off Wakefield Road		Vitrified clay	85.00	76.25
9	F7	F5	20/12/2024	Off Wakefield Road		Vitrified clay	0.00	0.00
10	F7	F5	20/12/2024	Off Wakefield Road		Vitrified clay	85.00	19.31
11	F5	F8	20/12/2024	Off Wakefield Road		Vitrified clay	58.93	58.93
12	F8	F9	20/12/2024	Off Wakefield Road		Vitrified clay	80.50	77.25
13	F8	F9	20/12/2024	Off Wakefield Road		Vitrified clay	80.50	3.57
14	F9	F10	20/12/2024	Off Wakefield Road		Vitrified clay	100.00	77.25

Pipe size: CIRCULAR 225/0 = 553.13 m (375.76 m)

Nr.	US MH	DS MH	Date	Road	Tape No.	Material	m	(m)
6	F4	Boundary	17/12/2024	Off Wakefield Road		Vitrified clay	150.00	77.79

Pipe size: CIRCULAR 375/0 = 150 m (77.79 m)

Nr.	US MH	DS MH	Date	Road	Tape No.	Material	m	(m)
1	S1	Outfall	17/12/2024	Off Wakefield Road		Concrete	120.00	79.35
2	F1	F2	17/12/2024	Off Wakefield Road		Concrete	60.30	60.30
3	F2	F3	17/12/2024	Off Wakefield Road		Concrete	37.27	37.27
4	F3	F4	17/12/2024	Off Wakefield Road		Concrete	0.56	0.56
5	F4	F5	17/12/2024	Off Wakefield Road		Concrete	7.00	5.00

Pipe size: CIRCULAR 450/0 = 225.13 m (182.48 m)

All sections = 928.26 m (636.03 m)

Project-information

Project name :
Gleeson - Off Wakefield Road - Ather

Project Number :

Contact :

Date :
17/12/2024

Client: **Gleeson Homes**
Contact Name:
Department:
Road:
Town:
County:
Telephone:
Fax:
Mobile:
E-mail:

Site: **Off Wakefield Road**
Contact Name:
Department:
Road: **Wakefield Road**
Town: **Athersley**
County: **South Yorkshire**
Telephone:
Fax:
Mobile:
E-mail:

Contractor **WCG Environmental Ltd**
Contact Name: **Scott Sorsby**
Department: **CCTV Engineer**
Road: **Denamorra Drive**
Town: **Sheffield**
County: **South Yorkshire**
Telephone:
Fax:
Mobile:
E-mail: **info@wasteclean.co.uk**






















Project-information

Project name : Gleeson - Off Wakefield Road - Ather	Project Number :	Contact :	Date : 17/12/2024
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The Chamber (S1) is unable to be accessed due to Bus Drivers' cars parked over it. It seems that the bus depot, has piped into this system and the surface water drainage is running into it.

MH F10 is unable to be accessed due to flooding towards the bottom of site, around it's location.

Legend of Drawing:

	WATER FLOW 1		Tree_Winter
	Tree_Summer		CESS PIT
	SOAKAWAY: FOUL WATER		GNDFLWC
	SURFACE WATER		SYPHON INTERCEPTOR
	PETROL INTERCEPTOR		PIPE RUN
	RAINWATER PIPE		ROAD GULLY
	RODDING EYE		SEPTIC TANK
	SOIL & VENT PIPE		COMBINED
	SOAKAWAY: SURFACE WATER		GULLY
	W.C.		PUMP CH
	FOUL WATER		

Inspection report

Date : 17/12/2024	Job number :	Section Type :	Operator : SS	Section number : 1	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : S1
Road : Off Wakefield Road	Catchment:	U/S Depth :
Location Fields	Pipe Shape : Circular	D/S MH : Outfall
Inspection Outfall (U/S) S1	Pipe Length 2.50 m	D/S Depth :

Use: Surface water	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 450 mm
Purpose : Sample survey to determine asset condition	Pipe material : Concrete
Total length : 120.00 m	Lining :

Comment :

1:630	Position	Observation	Grade
		<p style="color: green;">Start node type, outfall, reference number : Outfall</p> <p style="color: blue;">Water level, 5% of the vertical dimension</p>	<p style="color: green;">(Constr) 0</p> <p style="color: blue;">(Serv) 0</p>
	79.35	Survey abandoned Remarks: End of CCTV Capability	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	0	0	0	0	1

Inspection report

Date : 17/12/2024	Job number :	Section Type :	Operator : SS	Section number : 2	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Road : Location Inspection	Athersley Off Wakefield Road Fields F2 (U/S) F1	Location details: Catchment: Pipe Shape : Pipe Length	Circular 2.50 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	F1 F1 F2 1.84
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Use: Year laid : Purpose : Total length :	Foul Z Sample survey to determine asset condition 60.30 m	Pipe Width : Pipe Diameter : Pipe material : Lining :	0 mm 450 mm Concrete
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Comment : **Defects identified in the line.**

1:480 Position Depth: 1.84	Observation	Grade	
	Start node type, manhole, reference number : F2 (Constr) 0		<p style="font-size: small;">F2 U/S to F1 450mm CO 3.36m</p> <p style="text-align: center;">3.36 m //</p>
0.00	Water level, 5% of the vertical dimension	(Serv) 0	
3.36	Surface damage, spalling, from 3 to 5 o'clock Remarks: At joint	(Struct) 2	<p style="font-size: small;">F2 U/S to F1 450mm CO 26.56m</p> <p style="text-align: center;">26.56 m //</p>
26.56	Hole in drain/sewer at joint, from 2 to 3 o'clock Remarks: Backfill visible	(Struct) 4	<p style="font-size: small;">F2 U/S to F1 450mm CO 40.84m</p> <p style="text-align: center;">40.84 m //</p>
40.84	Open joint, medium Remarks: Backfill visible	(Struct) 4	<p style="font-size: small;">F2 U/S to F1 450mm CO 50.34m</p> <p style="text-align: center;">50.34 m //</p>
50.34	Open joint, medium Remarks: Backfill visible	(Struct) 4	
52.77	Open joint, medium	(Struct) 4	
54.17	Fracture, circumferential, from 12 to 12 o'clock	(Struct) 3	<p style="font-size: small;">F2 U/S to F1 450mm CO 57.67m</p> <p style="text-align: center;">57.67 m //</p>
57.67	Hole in drain/sewer at joint, from 11 to 2 o'clock Remarks: Pipework missing	(Struct) 5	
60.30	Finish node type, manhole reference number: F1 (Constr) 0		<p style="font-size: small;">F2 U/S to F1 450mm CO 60.30m</p> <p style="text-align: center;">60.30 m //</p>

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
7	165	9.04	545	5	0	0	0	0	1

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
17/12/2024

Section number :
2

PLR Suffix :
X



Photo: 2_3A
 3.36m, Surface damage, spalling, from 3 to 5 o'clock
 Remarks: At joint

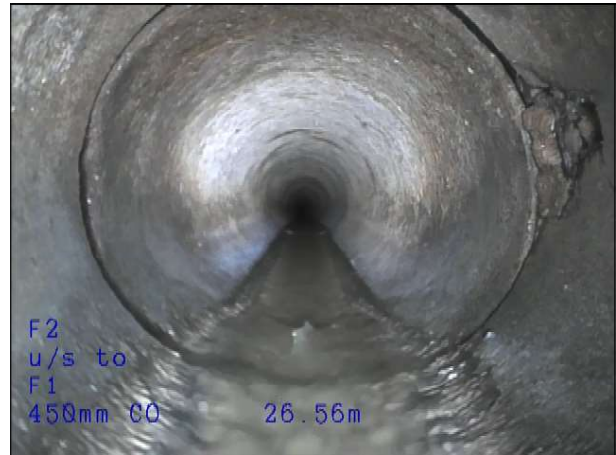


Photo: 2_4A
 26.56m, Hole in drain/sewer at joint, from 2 to 3 o'clock
 Remarks: Backfill visible



Photo: 2_5A
 40.84m, Open joint, medium
 Remarks: Backfill visible



Photo: 2_6A
 50.34m, Open joint, medium
 Remarks: Backfill visible

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
17/12/2024

Section number :
2

PLR Suffix :
X



Photo: 2_7A
 52.77m, Open joint, medium



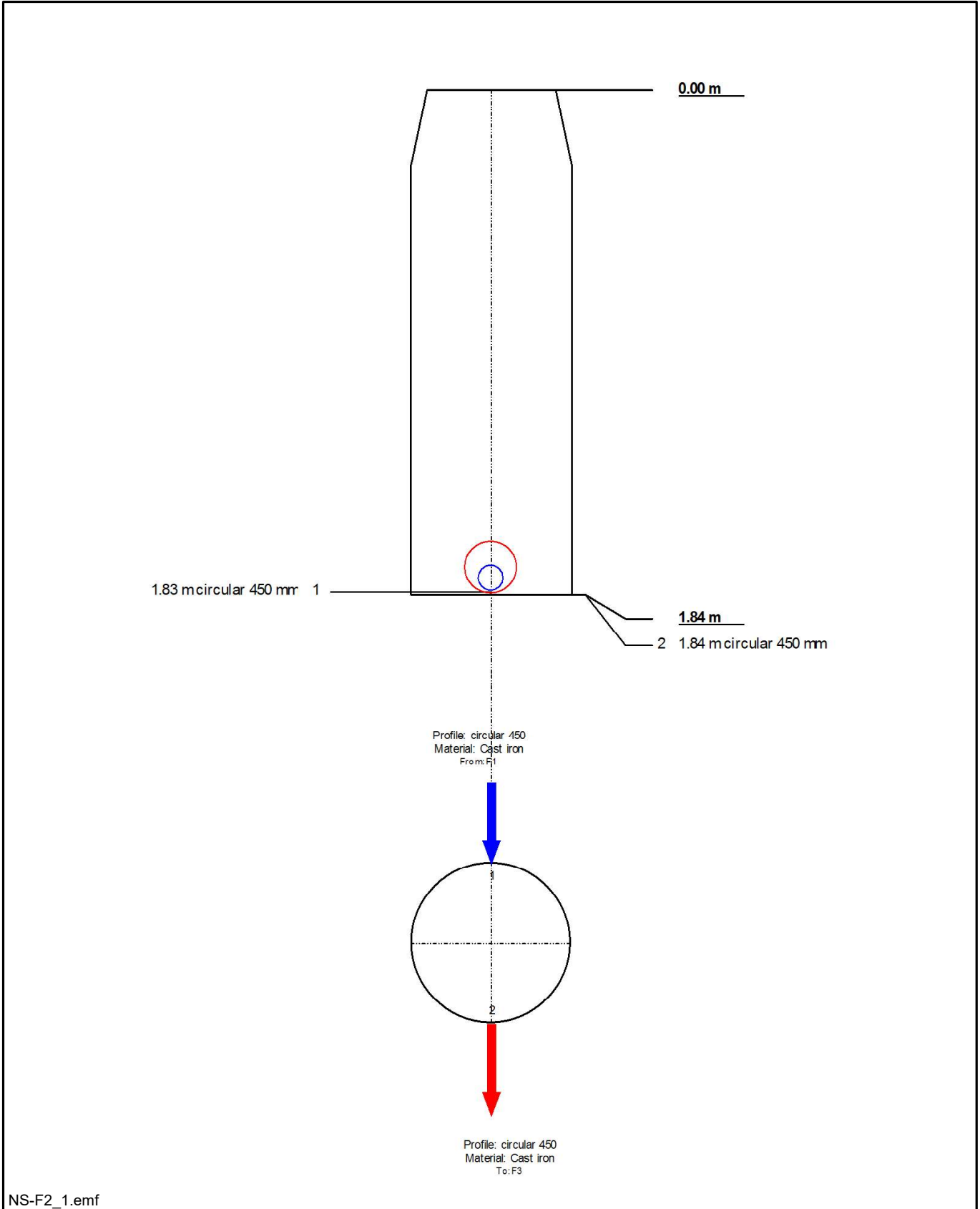
Photo: 2_8A
 54.17m, Fracture, circumferential, from 12 to 12 o'clock



Photo: 2_9A
 57.67m, Hole in drain/ sewer at joint, from 11 to 2 o'clock
 Remarks: Pipework missing

Node sketch

Date :	Node name : F2	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



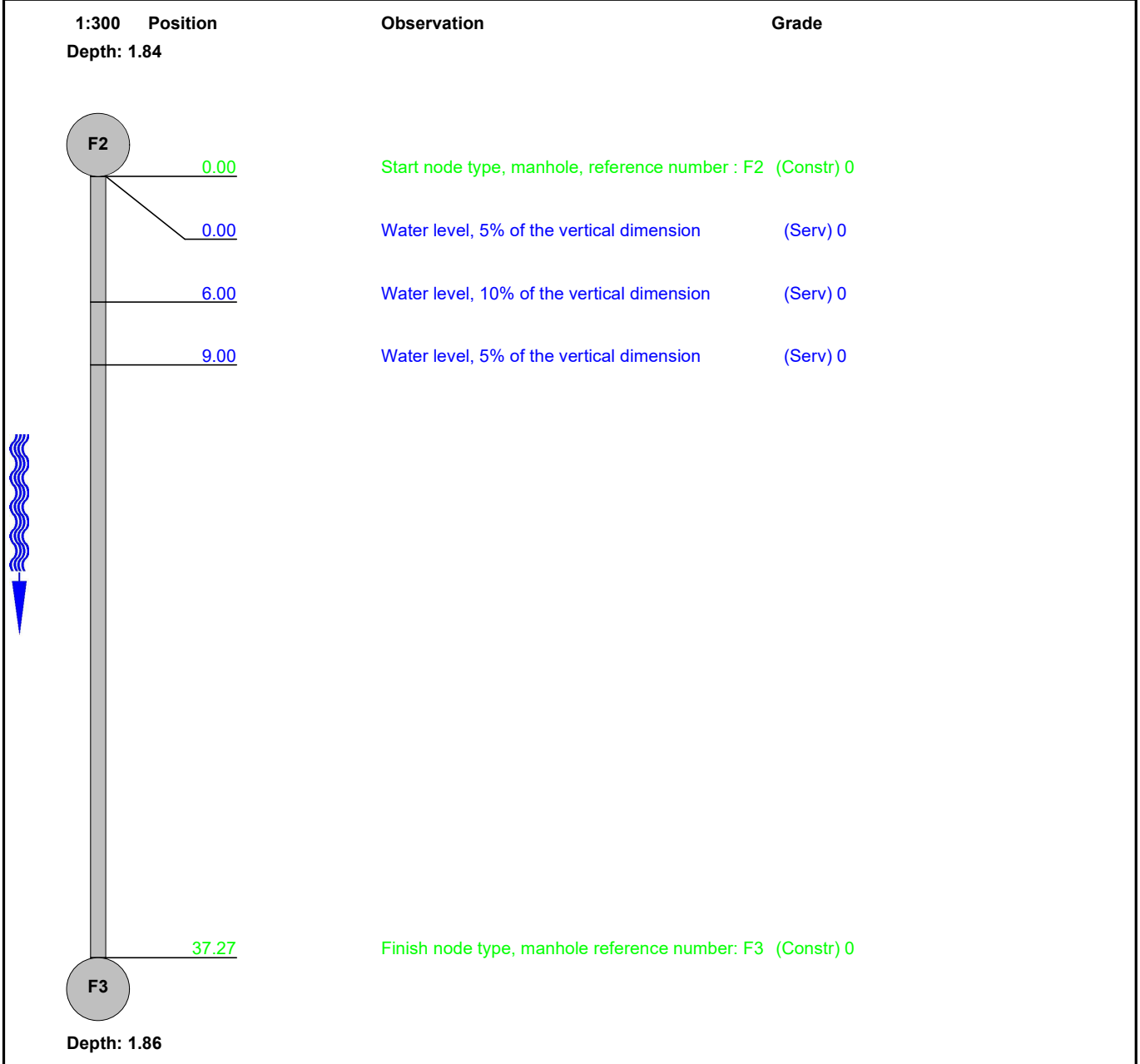
Inspection report

Date : 17/12/2024	Job number :	Section Type :	Operator : SS	Section number : 3	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F2
Road : Off Wakefield Road	Catchment:	U/S Depth : 1.84
Location Fields	Pipe Shape : Circular	D/S MH : F3
Inspection F2 (D/S) F3	Pipe Length 2.50 m	D/S Depth : 1.86

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 450 mm
Purpose : Sample survey to determine asset condition	Pipe material : Concrete
Total length : 37.27 m	Lining :

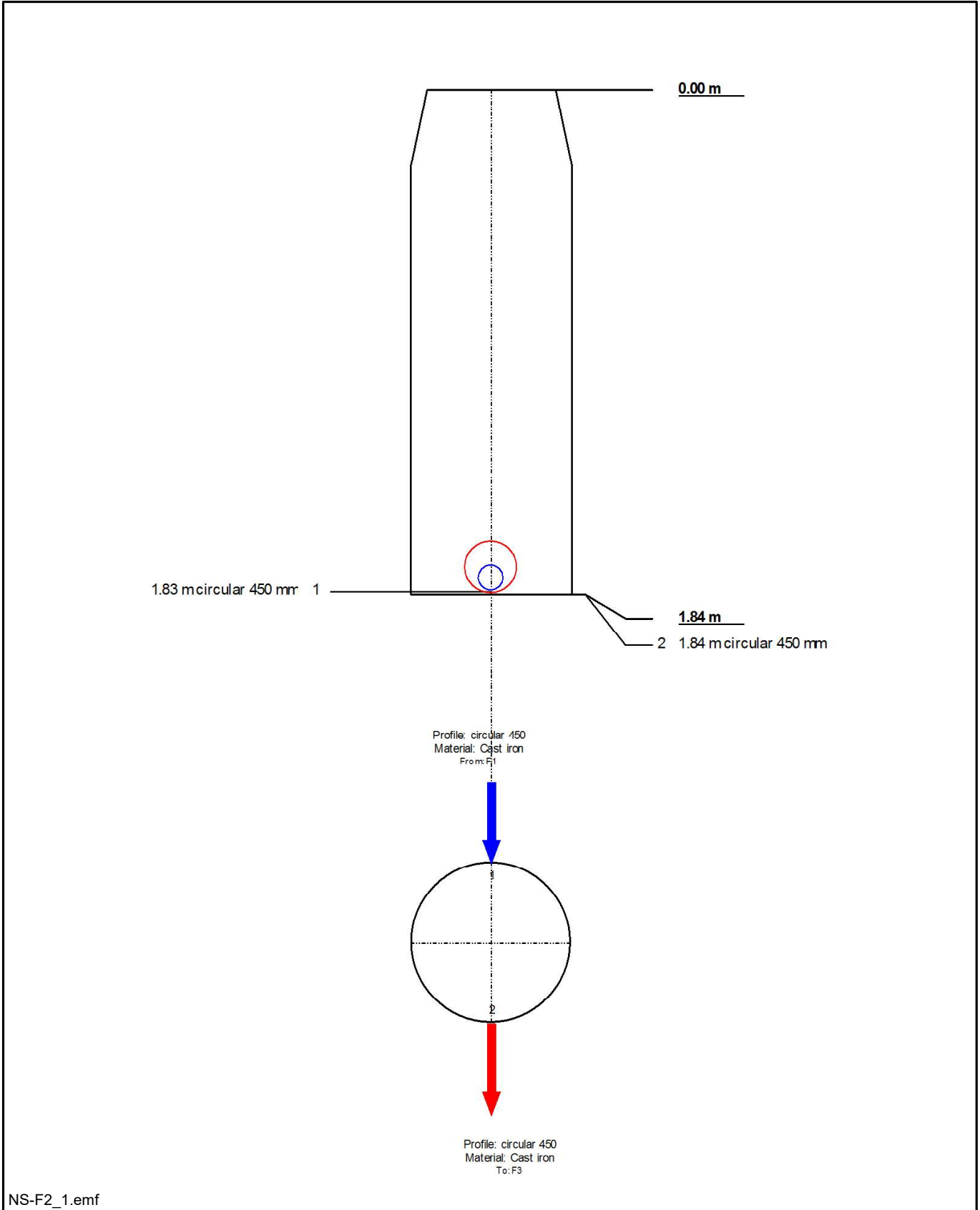
Comment : **No Defects Identified.**



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	0	0	0	0	1

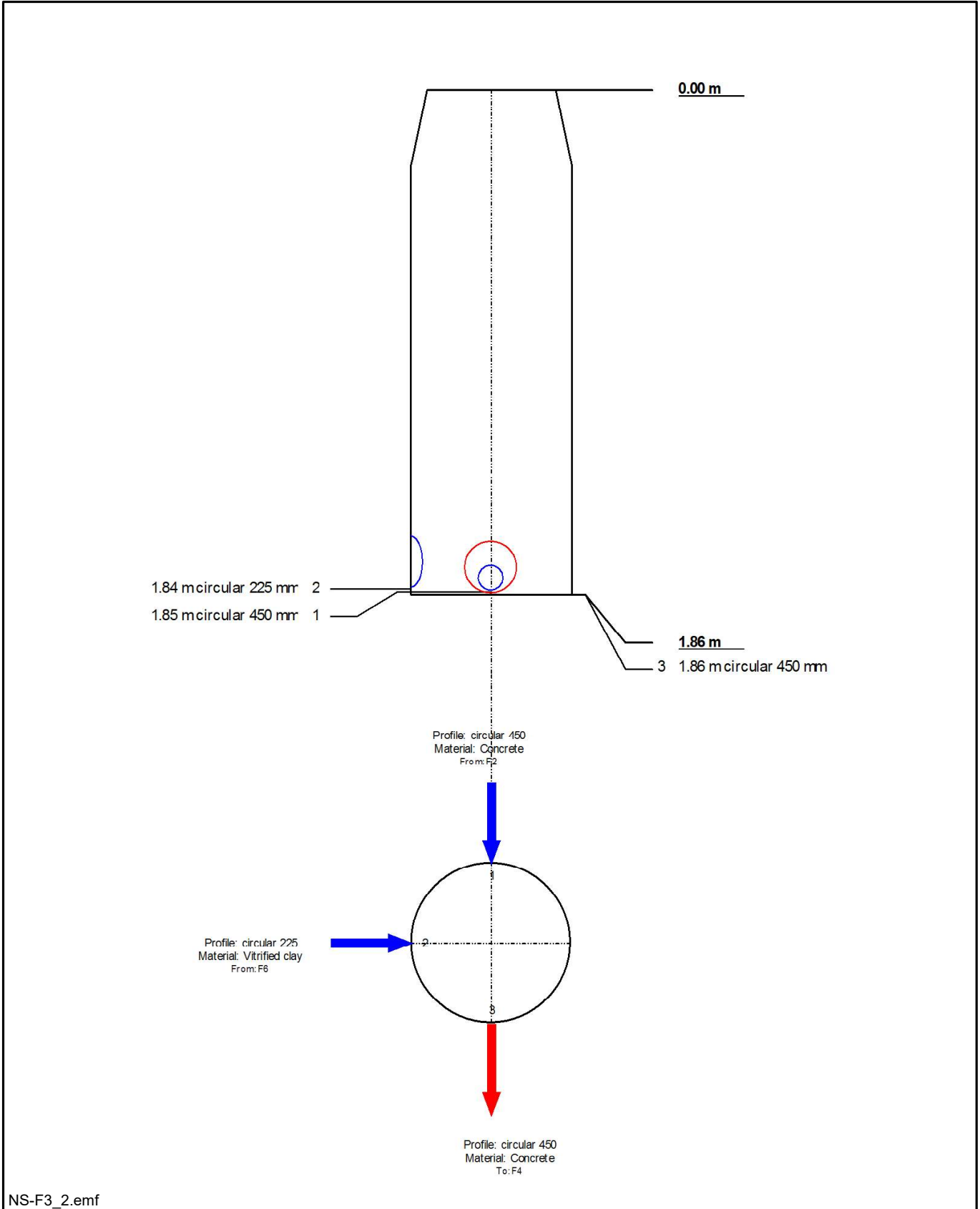
Node sketch

Date :	Node name : F2	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



Node sketch

Date :	Node name : F3	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



Inspection report

Date : 17/12/2024	Job number :	Section Type :	Operator : SS	Section number : 4	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F3
Road : Off Wakefield Road	Catchment:	U/S Depth : 1.86
Location Fields	Pipe Shape : Circular	D/S MH : F4
Inspection F3 (D/S) F4	Pipe Length	D/S Depth : 2

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 450 mm
Purpose : Sample survey to determine asset condition	Pipe material : Concrete
Total length : 0.56 m	Lining :

Comment :

1:50 Position Depth: 1.86	Observation	Grade	
	<p style="color: green;">Start node type, manhole, reference number : F3 (Constr) 0</p> <p style="color: blue;">Water level, 5% of the vertical dimension (Serv) 0</p> <p style="color: green;">Finish node type, manhole reference number: F4 (Constr) 0</p> <p style="color: green;">Remarks: Sewer Overflow</p>		
<p>Depth: 2</p>			

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	0	0	0	0	1

Place :

WCG Environmental Ltd
Denamorra Drive
Sheffield
Tel:
Fax:
Email: info@wasteclean.co.uk

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
17/12/2024

Section number :
4

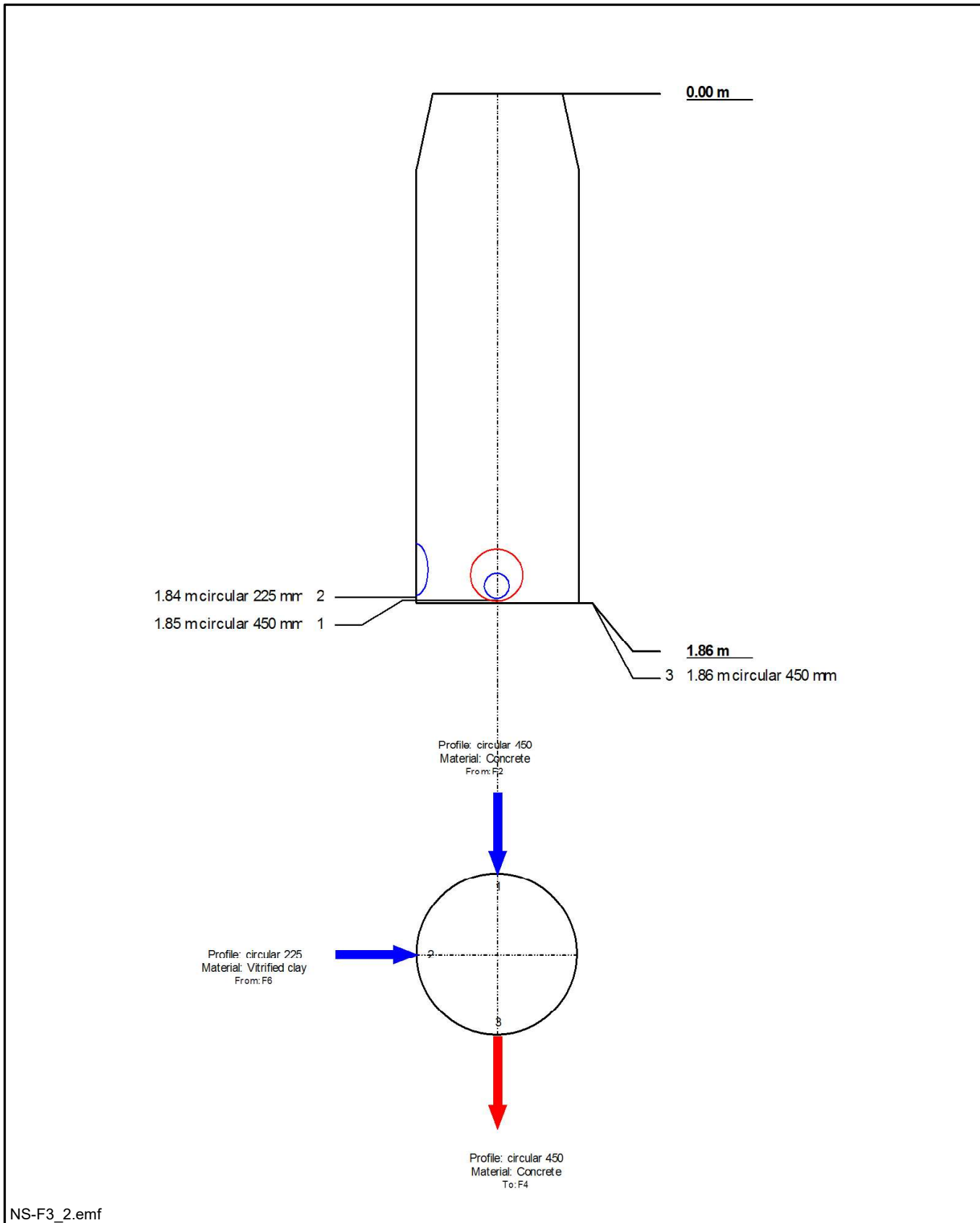
PLR Suffix :
X



Photo: 4_3A
0.56m, Finish node type, manhole reference number: F4
Remarks: Sewer Overflow

Node sketch

Date :	Node name : F3	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



Inspection report

Date : 17/12/2024	Job number :	Section Type :	Operator : SS	Section number : 5	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F4	U/S Depth : 2
Road : Off Wakefield Road	Catchment:	D/S MH : F5	D/S Depth :
Location Fields	Pipe Shape : Circular		
Inspection F4 (D/S) F5	Pipe Length 2.50 m		

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 450 mm
Purpose : Sample survey to determine asset condition	Pipe material : Concrete
Total length : 7.00 m	Lining :

Comment : **Defects identified in the line.**

1:50 Position Depth: 2	Observation	Grade	
	<p style="color: green;">Start node type, manhole, reference number : F4 (Constr) 0 Remarks: Sewer Overflow</p> <p>Water level, 10% of the vertical dimension (Serv) 0</p> <p style="color: red;">Crack, circumferential, from 9 to 4 o'clock (Struct) 2</p> <p>Settled deposits, coarse, 10% cross-sectional area loss, Start (Serv) 3</p> <p>Water level, 20% of the vertical dimension (Serv) 0</p> <p>Settled deposits, coarse, 20% cross-sectional area loss (Serv) 3</p> <p>Settled deposits, coarse, 10% cross-sectional area loss, End (Serv) 3</p> <p>Dimension changes, 225mm high 0</p> <p>Survey abandoned Remarks: Due to dimension change (Misc) 0</p>		<p style="font-size: small;">F4 d/s to F5 450mm CO 0.12m</p> <p style="text-align: center;">0.12 m // 00:00:10</p> <p style="font-size: small;">F4 d/s to F5 450mm CO 1.66m</p> <p style="text-align: center;">1.67 m //</p> <p style="font-size: small;">F4 d/s to F5 450mm CO 3.51m</p> <p style="text-align: center;">3.51 m //</p>

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	10	1.43	10	2	2	4	1.17	8.2	3

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
17/12/2024

Section number :
5

PLR Suffix :
X



Photo: 5_3A, 00:00:10
 0.12m, Crack, circumferential, from 9 to 4 o'clock



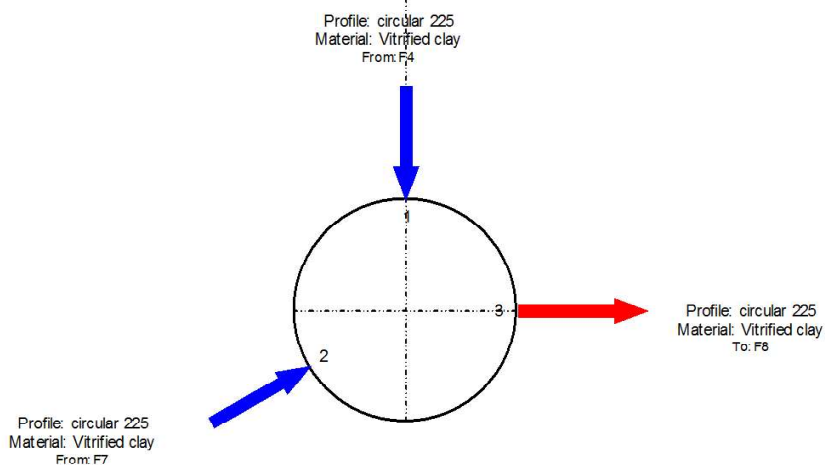
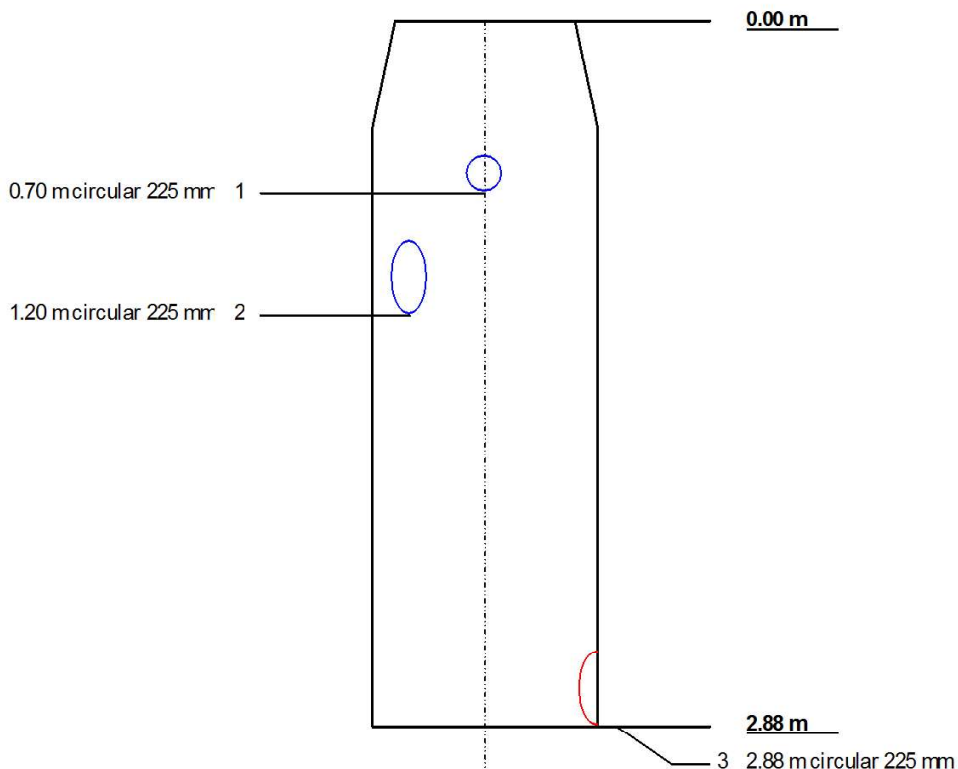
Photo: 5_4A
 1.67m, Settled deposits, coarse, 10% cross-sectional area loss, Start



Photo: 5_6A
 3.51m, Settled deposits, coarse, 20% cross-sectional area loss

Node sketch

Date :	Node name : F5	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



Inspection report

Date : 17/12/2024	Job number :	Section Type :	Operator : SS	Section number : 6	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Road : Location Inspection	Athersley Off Wakefield Road Fields F4 (D/S) Boundary	Location details: Catchment: Pipe Shape : Pipe Length	Circular 1.80 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	F4 2.45 Boundary
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Use: Year laid : Purpose : Total length :	Foul Z Sample survey to determine asset condition 150.00 m	Pipe Width : Pipe Diameter : Pipe material : Lining :	0 mm 375 mm Vitrified clay
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Comment : **Sewer Overflow Pipe.**

1:615 Position Depth: 2.45	Observation	Grade	
	Start node type, manhole, reference number : F4 (Constr) 0 Remarks: Sewer Overflow		<p style="text-align: center;">33.88 m //</p>
0.00	Water level, 0% of the vertical dimension	(Serv) 0	<p style="text-align: center;">55.44 m //</p>
33.88	Fracture, circumferential at joint, from 2 to 5 o'clock	(Struct) 3	<p style="text-align: center;">70.48 m //</p>
55.44	Open joint, medium	(Struct) 1	
62.50	General remark Remarks: Boundary of site reached	(Misc) 0	
70.48	Fracture, circumferential at joint, from 4 to 9 o'clock	(Struct) 3	
77.79	Survey abandoned Remarks: End of required survey	(Misc) 0	

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
3	40	0.54	81	3	0	0	0	0	1

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
17/12/2024

Section number :
6

PLR Suffix :
X



Photo: 6_3A
 33.88m, Fracture, circumferential at joint, from 2 to 5 o'clock



Photo: 6_4A
 55.44m, Open joint, medium



Photo: 6_6A
 70.48m, Fracture, circumferential at joint, from 4 to 9 o'clock

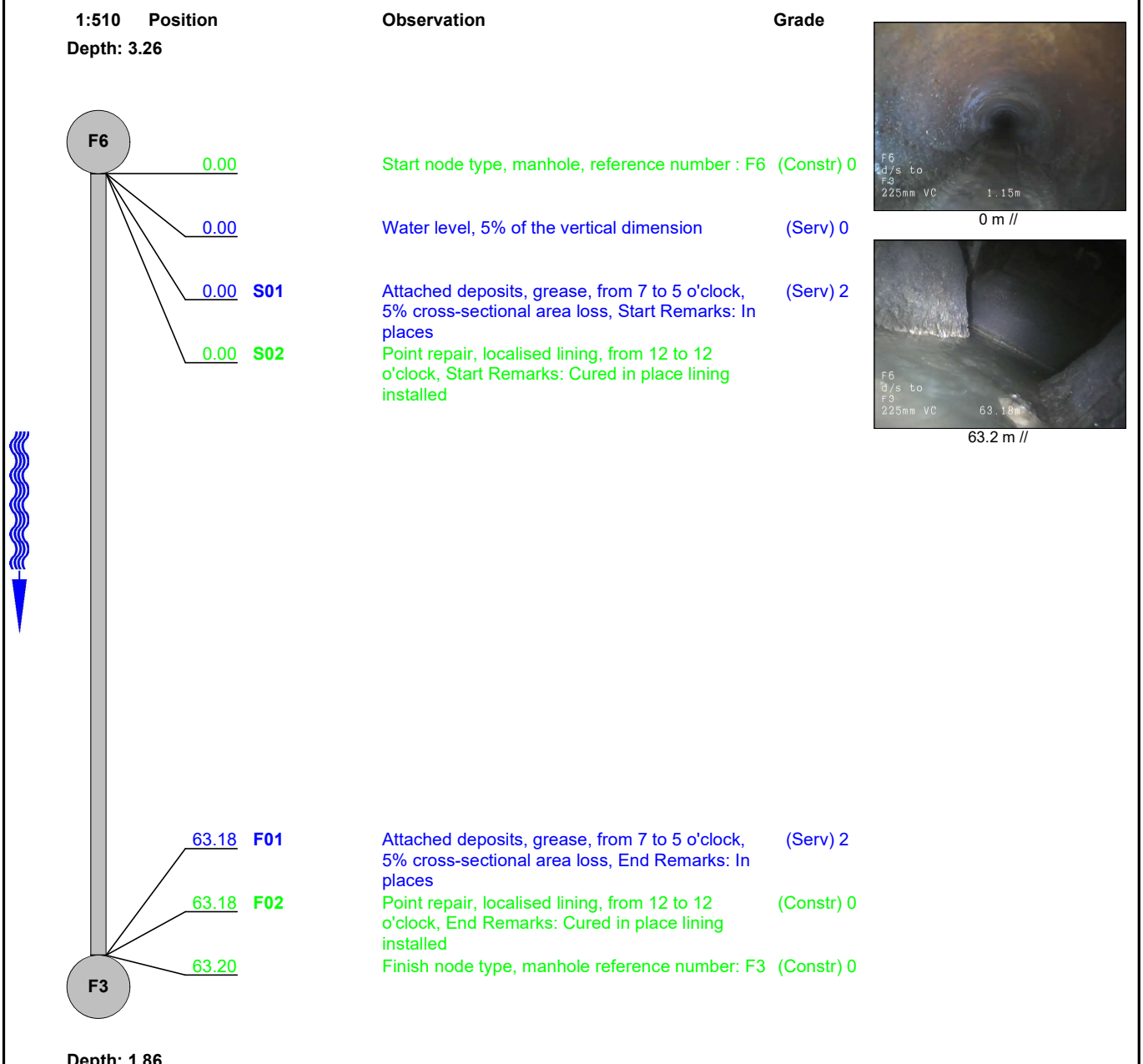
Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 7	PLR SUFFIX: 1.86
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F6
Road : Off Wakefield Road	Catchment:	U/S Depth : 3.26
Location Fields	Pipe Shape : Circular	D/S MH : F3
Inspection F6 (D/S) F3	Pipe Length	D/S Depth : 1.86

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 225 mm
Purpose : Sample survey to determine asset condition	Pipe material : Vitrified clay
Total length : 63.20 m	Lining : Polyester

Comment : **No Defects Identified.**



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	1	1	1	63.1	3

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
7

PLR Suffix :
1.86



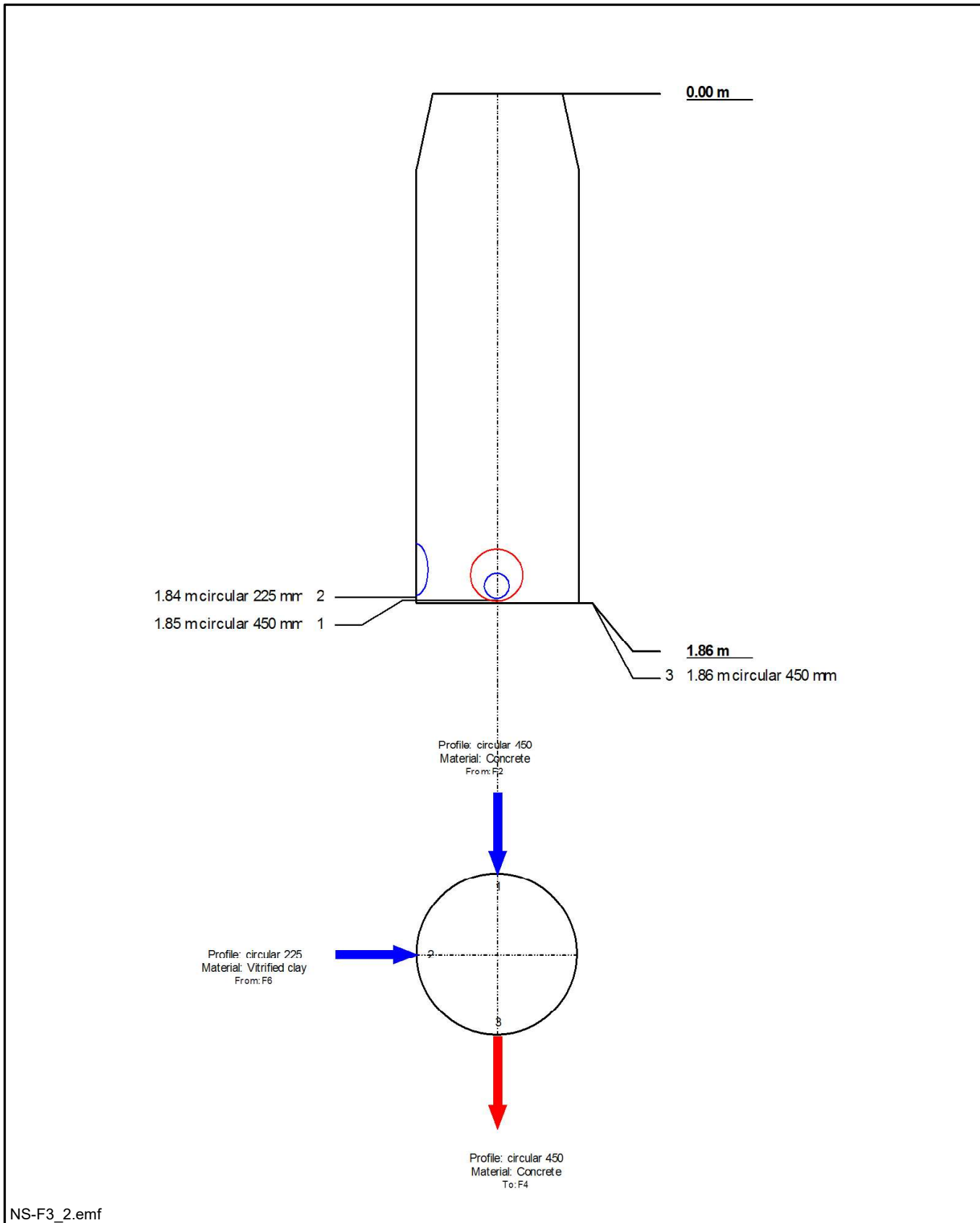
Photo: 7_4A
 0m, Point repair, localised lining, from 12 to 12 o'clock, Start
 Remarks: Cured in place lining installed



Photo: 7_7A
 63.2m, Finish node type, manhole reference number: F3

Node sketch

Date :	Node name : F3	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 8	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F7	U/S Depth : 2.56
Road : Off Wakefield Road	Catchment:	D/S MH : F5	D/S Depth : 2.9
Location Fields	Pipe Shape : Circular		
Inspection F7 (D/S) F5	Pipe Length 0.90 m		

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 225 mm
Purpose : Sample survey to determine asset condition	Pipe material : Vitrified clay
Total length : 85.00 m	Lining :

Comment : **No Defects Identified.**

1:288 Position Depth: 2.56	Observation	Grade	
	Start node type, manhole, reference number : F7 (Constr) 0		
0.00	Water level, 10% of the vertical dimension	(Serv) 0	
6.10	Water level, 20% of the vertical dimension	(Serv) 0	
8.70	Water level, 10% of the vertical dimension	(Serv) 0	
19.65	Roots, fine at joint	(Serv) 2	
23.00	Water level, 20% of the vertical dimension	(Serv) 0	
23.57	Water level, 30% of the vertical dimension	(Serv) 0	
24.60 S01	Loss of vision, camera under water, Start		
26.05 F01	Loss of vision, camera under water, End	(Misc) 0	
26.05 S02	Fracture, longitudinal, at 11 o'clock, Start	(Struct) 3	
26.05	Water level, 10% of the vertical dimension	(Serv) 0	
27.27	Crack, longitudinal, at 3 o'clock	(Struct) 2	
27.55	Crack, circumferential, from 7 to 3 o'clock	(Struct) 2	

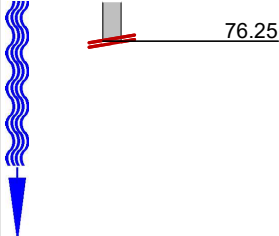
Inspection Report

Date : 20/12/2024	Job number :	Weather : no rain or snow	Operator : SS	Section number : 8	PLR : X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset : 0.7m	Cleaned : no	Grade:

1:288	Position	Observation	Grade
	<u>27.90</u> F02	Fracture, longitudinal, at 11 o'clock, End	(Struct) 3
	<u>27.90</u>	Crack, longitudinal at joint, at 8 o'clock	(Struct) 2
	<u>27.90</u>	Crack, circumferential at joint, from 1 to 5 o'clock	(Struct) 2
	<u>31.23</u>	Junction, at 2 o'clock, diameter 150mm	(Constr) 0
	<u>31.99</u>	Crack, circumferential at joint, from 8 to 11 o'clock	(Struct) 2
	<u>34.66</u>	Junction, at 10 o'clock, diameter 150mm	(Constr) 0
	<u>35.73</u>	Fracture, circumferential at joint, from 9 to 11 o'clock	(Struct) 3
	<u>37.67</u>	Fracture, circumferential at joint, from 9 to 11 o'clock	(Struct) 3
	<u>38.99</u>	Fracture, circumferential at joint, from 7 to 11 o'clock	(Struct) 3
	<u>42.20</u>	Fracture, circumferential at joint, from 1 to 5 o'clock	(Struct) 3
	<u>46.95</u>	Fracture, circumferential at joint, from 7 to 10 o'clock	(Struct) 3
	<u>47.75</u>	Fracture, circumferential at joint, from 10 to 2 o'clock	(Struct) 3
	<u>54.01</u>	Crack, longitudinal, at 12 o'clock	(Struct) 2
	<u>54.01</u>	Crack, longitudinal, at 3 o'clock	(Struct) 2
	<u>56.57</u>	Crack, circumferential at joint, from 1 to 5 o'clock	(Struct) 2
	<u>69.00</u>	Water level, 15% of the vertical dimension	(Serv) 0
	<u>72.55</u>	Water level, 10% of the vertical dimension	(Serv) 0
	<u>74.75</u>	Crack, circumferential, from 7 to 5 o'clock	(Struct) 2

Inspection Report

Date : 20/12/2024	Job number :	Weather : no rain or snow	Operator : SS	Section number : 8	PLR : X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset : 0.7m	Cleaned : no	Grade:

1:288	Position	Observation	Grade
	 76.25	Survey abandoned Remarks: Due to CCTV capability	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
16	70	4.51	406	3	1	1	0.01	1	2

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
8

PLR Suffix :
X

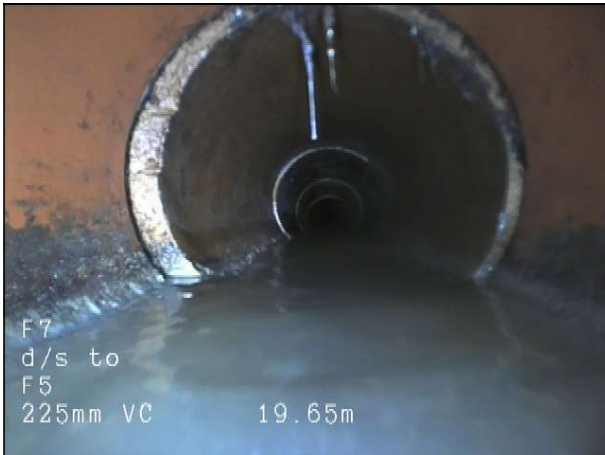


Photo: 8_5A
 19.65m, Roots, fine at joint

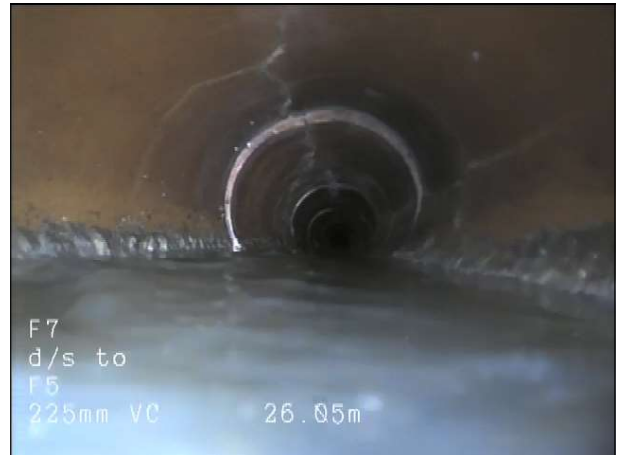


Photo: 8_10A
 26.05m, Fracture, longitudinal, at 11 o'clock, Start

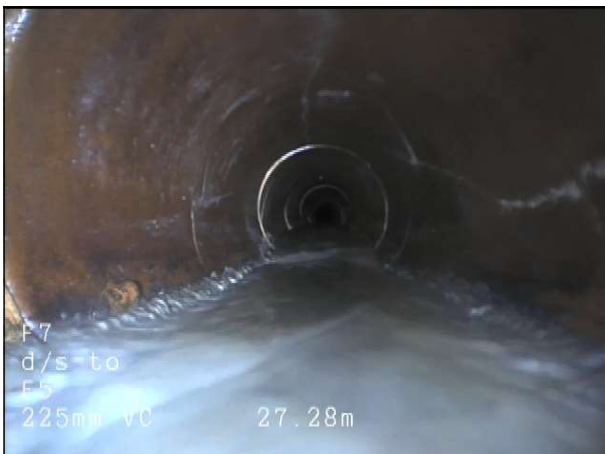


Photo: 8_12A
 27.27m, Crack, longitudinal, at 3 o'clock



Photo: 8_13A
 27.55m, Crack, circumferential, from 7 to 3 o'clock

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
8

PLR Suffix :
X

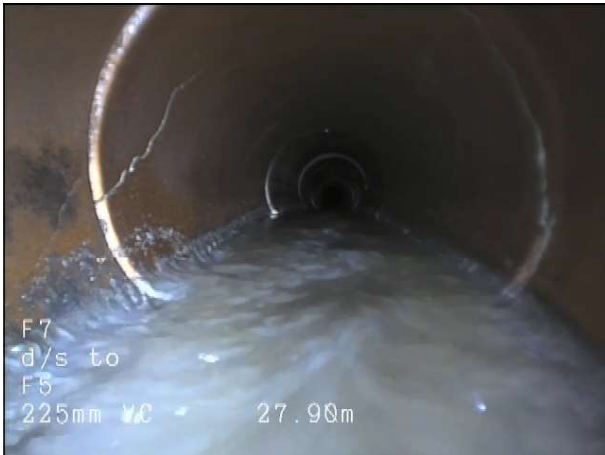


Photo: 8_14A
27.9m, Fracture, longitudinal, at 11 o'clock, End



Photo: 8_18A
31.99m, Crack, circumferential at joint, from 8 to 11 o'clock

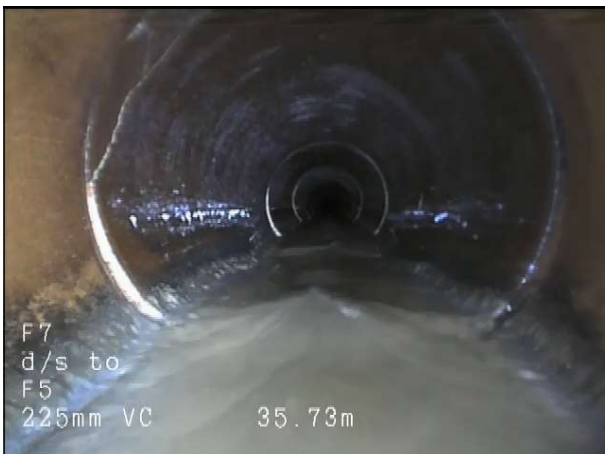


Photo: 8_20A
35.73m, Fracture, circumferential at joint, from 9 to 11 o'clock

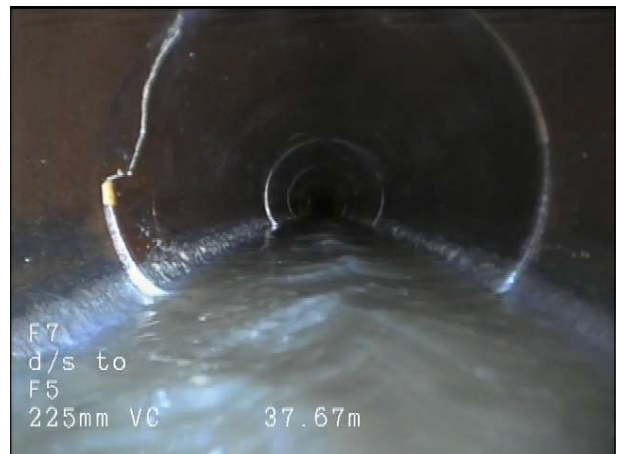


Photo: 8_21A
37.67m, Fracture, circumferential at joint, from 9 to 11 o'clock

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
8

PLR Suffix :
X

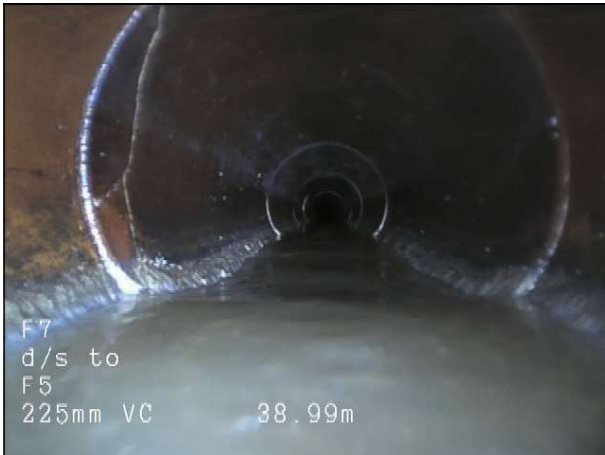


Photo: 8_22A
 38.99m, Fracture, circumferential at joint, from 7 to 11 o'clock



Photo: 8_23A
 42.2m, Fracture, circumferential at joint, from 1 to 5 o'clock

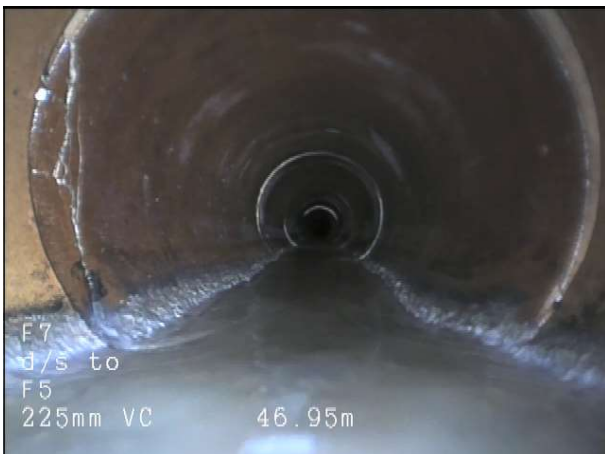


Photo: 8_24A
 46.95m, Fracture, circumferential at joint, from 7 to 10 o'clock

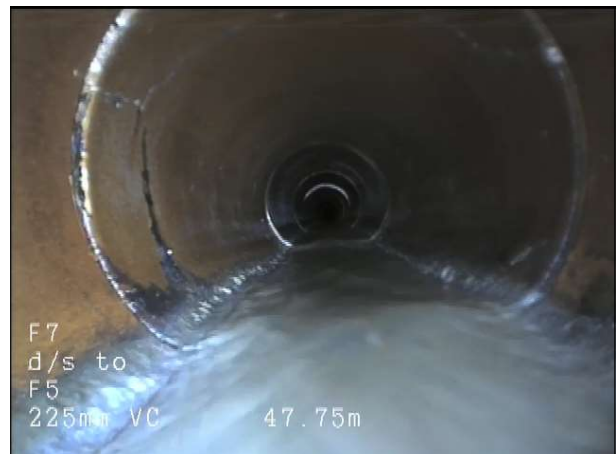


Photo: 8_25A
 47.75m, Fracture, circumferential at joint, from 10 to 2 o'clock

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
8

PLR Suffix :
X

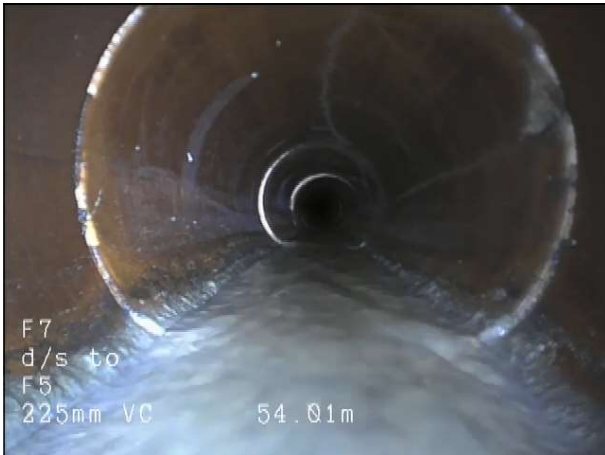


Photo: 8_26A
 54.01m, Crack, longitudinal, at 12 o'clock



Photo: 8_28A
 56.57m, Crack, circumferential at joint, from 1 to 5 o'clock



Photo: 8_31A
 74.75m, Crack, circumferential, from 7 to 5 o'clock

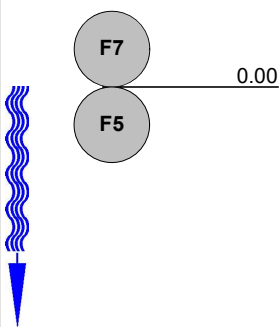
Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 9	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Road : Location Inspection	Athersley Off Wakefield Road Fields F7 (D/S) F5	Location details: Catchment: Pipe Shape : Pipe Length			U/S MH : U/S Depth : D/S MH : D/S Depth :
		Circular 0.80 m			F7 F5

Use: Year laid : Purpose : Total length :	Foul Z Sample survey to determine asset condition 0.00 m	Pipe Width : Pipe Diameter : Pipe material : Lining :	0 mm 225 mm Vitrified clay
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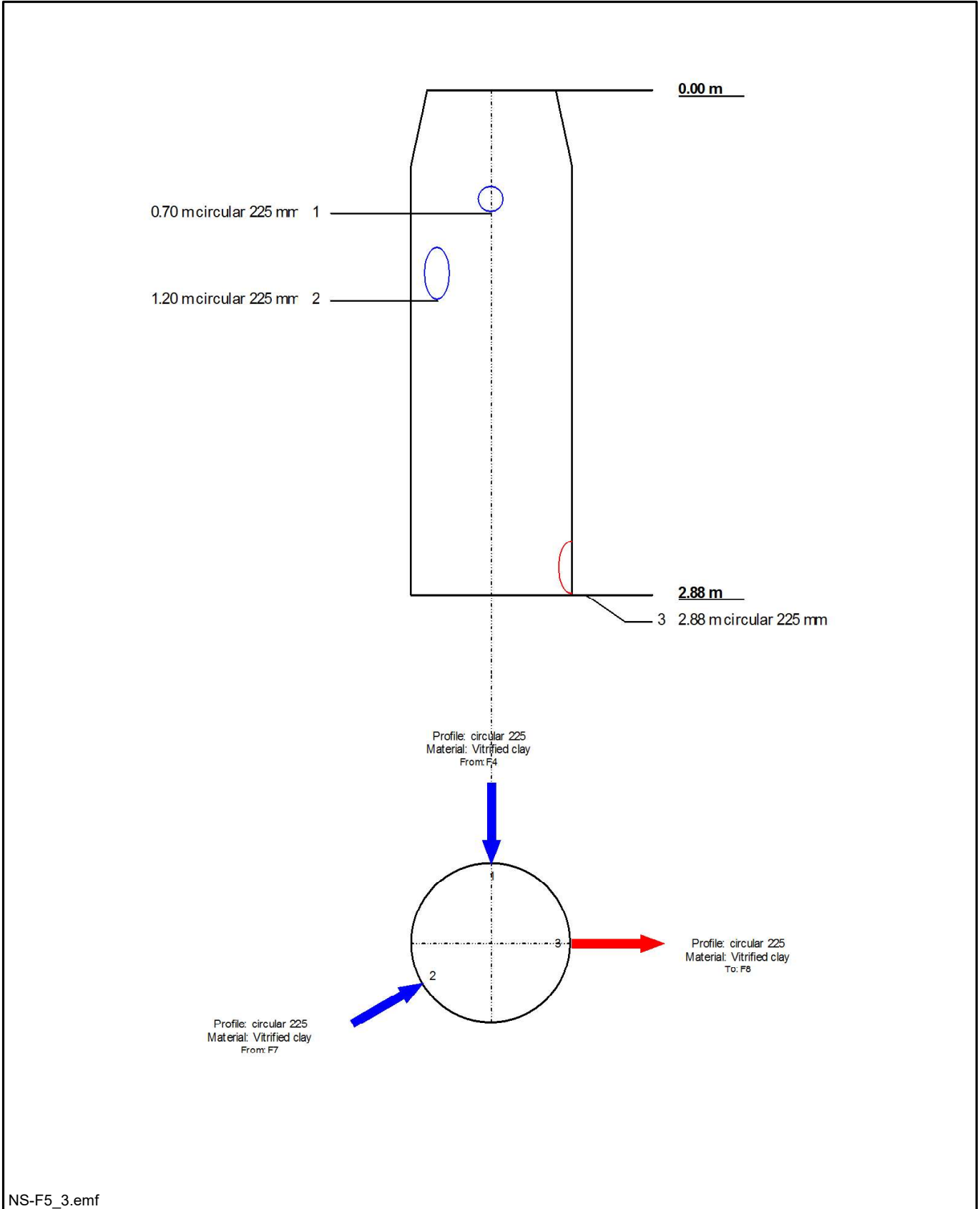
Comment : **Continuation survey.**

1:50	Position	Observation	Grade
		General remark Remarks: Continuation survey from the pervious survey.	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade

Node sketch

Date :	Node name : F5	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 10	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F7
Road : Off Wakefield Road	Catchment:	U/S Depth : 2.56
Location Fields	Pipe Shape : Circular	D/S MH : F5
Inspection F5 (U/S) F7	Pipe Length 0.90 m	D/S Depth : 2.9

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 225 mm
Purpose : Sample survey to determine asset condition	Pipe material : Vitrified clay
Total length : 85.00 m	Lining :

Comment : **No Defects Identified.**

1:165 Position Depth: 2.9	Observation	Grade	
	<p style="color: green;">Start node type, manhole, reference number : F5 (Constr) 0 Remarks: Backdrop Access</p> <p>Loss of vision, camera under water Remarks: Due to high flows (Misc) 0</p> <p>Water level, 20% of the vertical dimension (Serv) 0</p> <p>Water level, 10% of the vertical dimension (Serv) 0</p> <p>Water level, 20% of the vertical dimension (Serv) 0</p> <p>Water level, 25% of the vertical dimension (Serv) 0 Remarks: Due to high flows</p> <p>Water level, 10% of the vertical dimension (Serv) 0</p> <p>Survey abandoned Remarks: Due to survey overlap (Misc) 0</p>		

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	0	0	0	0	1

Place :

WCG Environmental Ltd
Denamorra Drive
Sheffield
Tel:
Fax:
Email: info@wasteclean.co.uk

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
10

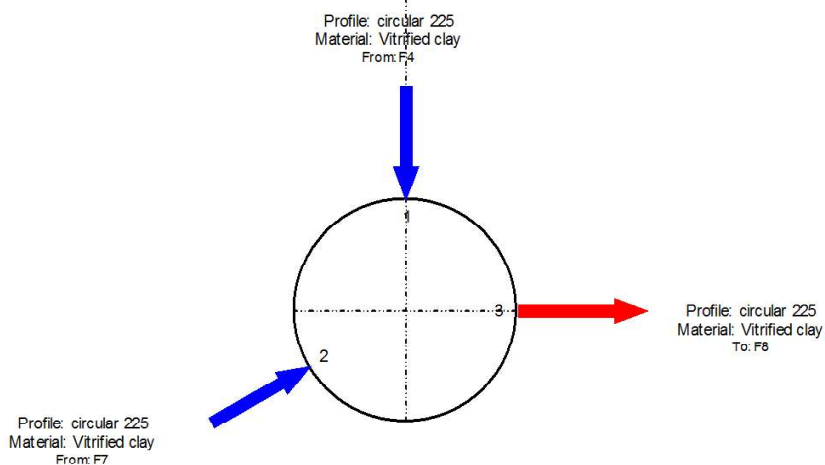
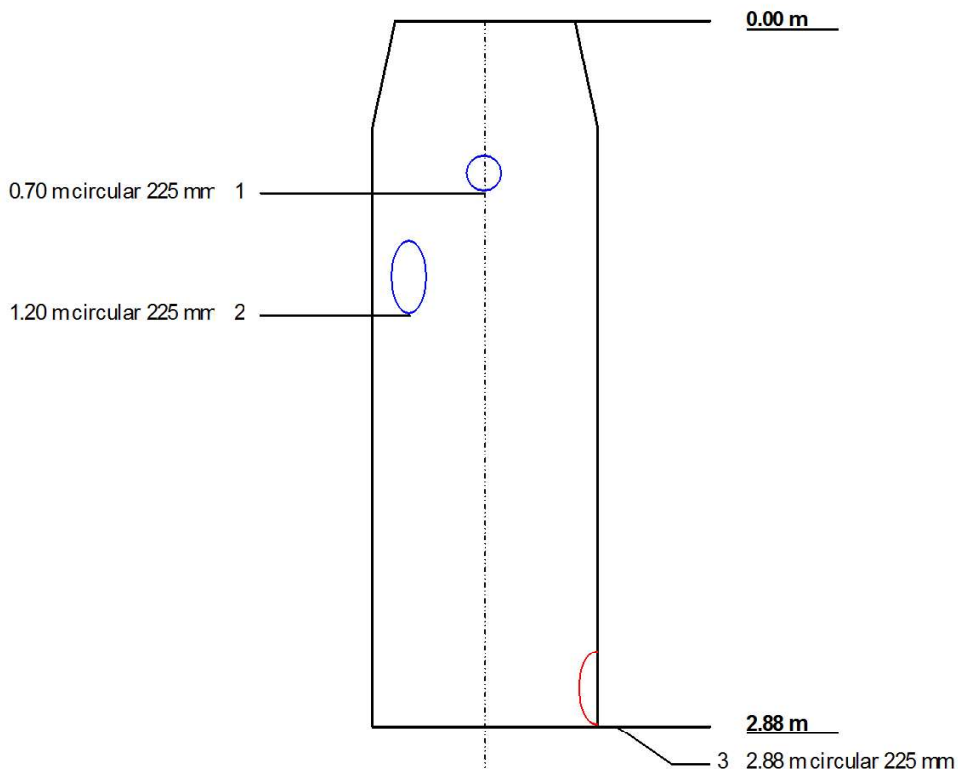
PLR Suffix :
X



Photo: 10_3A
2.82m, Water level, 20% of the vertical dimension

Node sketch

Date :	Node name : F5	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



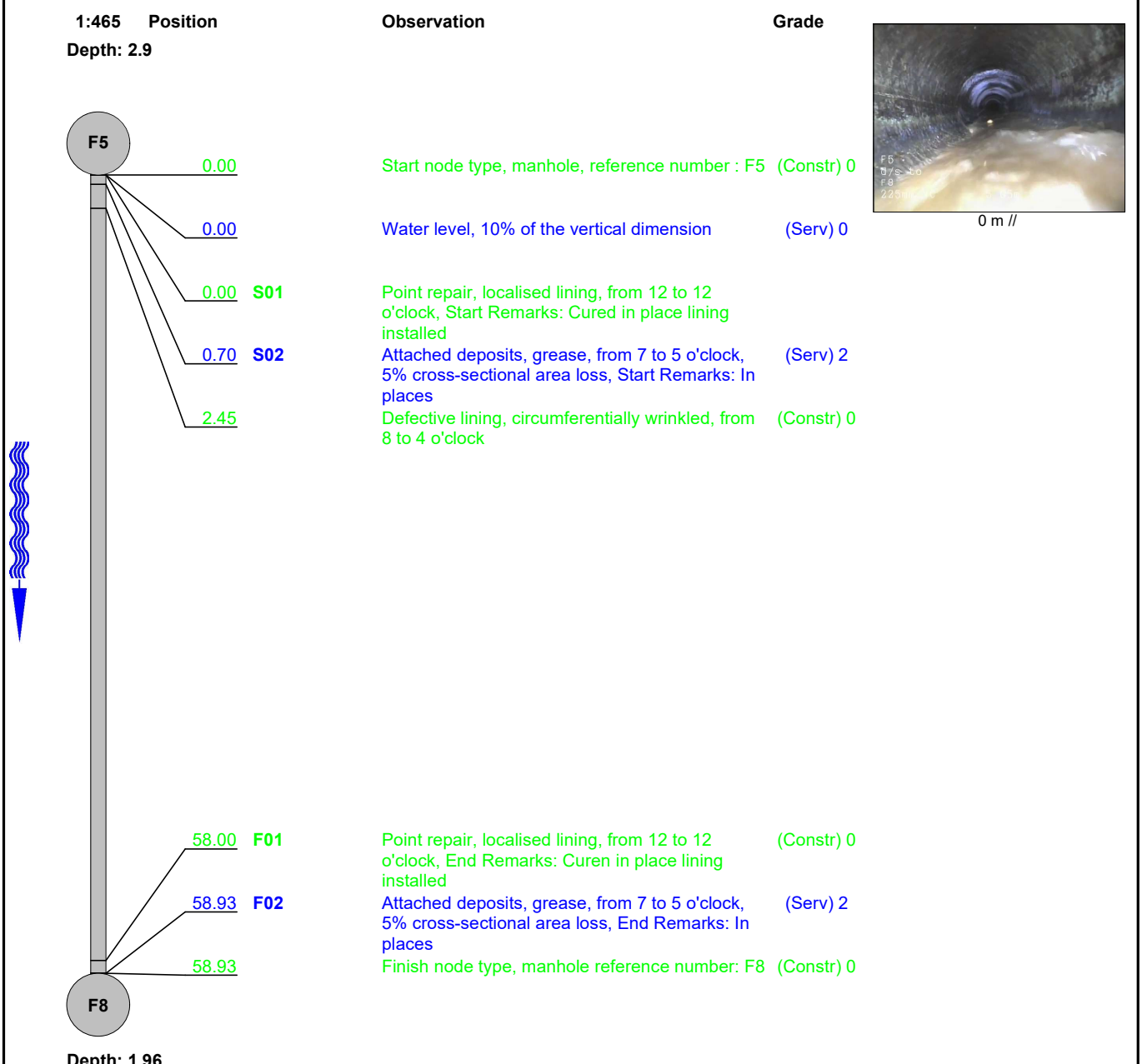
Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 11	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F5
Road : Off Wakefield Road	Catchment:	U/S Depth : 2.9
Location Fields	Pipe Shape : Circular	D/S MH : F8
Inspection F5 (D/S) F8	Pipe Length	D/S Depth : 1.96

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 225 mm
Purpose : Sample survey to determine asset condition	Pipe material : Vitrified clay
Total length : 58.93 m	Lining : Polyester

Comment : **No Defects Identified.**



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	1	1	0.97	57.3	2

Place :

WCG Environmental Ltd
Denamorra Drive
Sheffield
Tel:
Fax:
Email: info@wasteclean.co.uk

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
11

PLR Suffix :
X

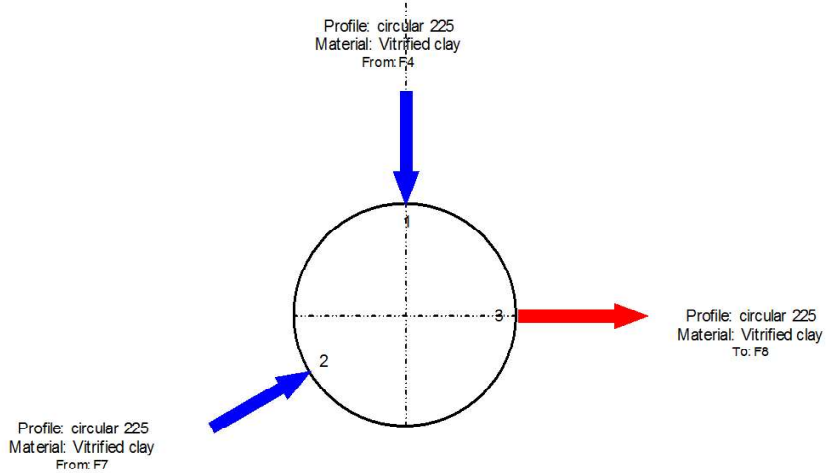
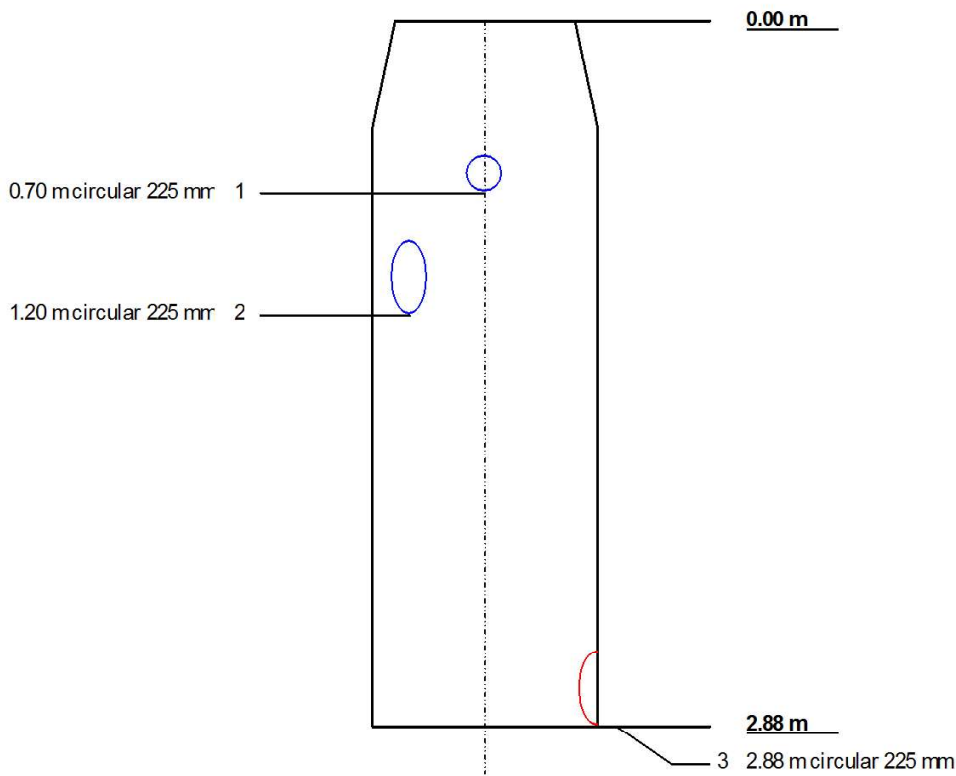


Photo: 11_3A

0m, Point repair, localised lining, from 12 to 12 o'clock, Start
Remarks: Cured in place lining installed

Node sketch

Date :	Node name : F5	City : Athersley	Street : Wakefield Rd	Map No. :	VCR No. :
Operator : SS	Vehicle :	X Coordinate :	Y Coordinate :	Z Coordinate :	Level :



Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 12	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Road : Location Inspection	Athersley Off Wakefield Road Fields F8 (D/S) F9	Location details: Catchment: Pipe Shape : Circular Pipe Length 0.80 m	U/S MH : F8 U/S Depth : 1.96 D/S MH : F9 D/S Depth : 1.33
---	--	---	--

Use: Foul Year laid : Z Purpose : Sample survey to determine asset condition Total length : 80.50 m	Pipe Width : 0 mm Pipe Diameter : 225 mm Pipe material : Vitrified clay Lining :
--	--

Comment : **Defects identified in the line.**

1:432 Position Depth: 1.96	Observation	Grade	
	<p style="color: green;">Start node type, manhole, reference number : F8 (Constr) 0</p> <p>Water level, 10% of the vertical dimension (Serv) 0</p> <p>General remark Remarks: PVC ribbed pipe installed (Misc) 0</p> <p>Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, Start Remarks: In places (Serv) 2</p> <p>Material changes, vitrified clay (Misc) 0</p> <p style="color: red;">Crack, longitudinal, at 1 o'clock (Struct) 2</p> <p>Roots, mass at joint, 20% cross-sectional area loss (Serv) 3</p> <p>Roots, mass at joint, 5% cross-sectional area loss, Start (Serv) 3</p> <p>Roots, mass at joint, 5% cross-sectional area loss, End (Serv) 3</p> <p style="color: red;">Crack, circumferential at joint, from 2 to 4 o'clock (Struct) 2</p> <p>Roots, fine at joint, Start (Serv) 2</p> <p style="color: red;">Crack, longitudinal, at 12 o'clock (Struct) 2</p> <p style="color: red;">Fracture, circumferential at joint, from 8 to 11 o'clock (Struct) 3</p> <p>Roots, mass at joint, 10% cross-sectional area loss (Serv) 3</p> <p>Roots, mass at joint, 10% cross-sectional area loss (Serv) 3</p>		<p style="font-size: small; color: magenta;">F8 d/s to F9 225mm VC 4.17m</p> <p style="text-align: center;">0 m //</p> <p style="font-size: small; color: magenta;">F8 d/s to F9 225mm VC 5.56m</p> <p style="text-align: center;">5.63 m //</p> <p style="font-size: small; color: magenta;">F8 d/s to F9 225mm VC 28.56m</p> <p style="text-align: center;">28.56 m //</p> <p style="font-size: small; color: magenta;">F8 d/s to F9 225mm VC 33.26m</p> <p style="text-align: center;">33.26 m //</p> <p style="font-size: small; color: magenta;">F8 d/s to F9 225mm VC 39.60m</p> <p style="text-align: center;">39.6 m //</p>

Inspection Report

Date : 20/12/2024	Job number :	Weather : no rain or snow	Operator : SS	Section number : 12	PLR : X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset : 0.7m	Cleaned : no	Grade:

1:432	Position	Observation	Grade
	<u>55.07</u>	Fracture, longitudinal, at 9 o'clock	(Struct) 3
	<u>55.07</u>	Crack, longitudinal, at 11 o'clock	(Struct) 2
	<u>56.87</u>	Crack, longitudinal, at 12 o'clock	(Struct) 2
	<u>70.76</u>	Fracture, longitudinal at joint, at 2 o'clock	(Struct) 3
	<u>77.24</u>	Fracture, longitudinal, at 3 o'clock	(Struct) 3
	<u>77.24</u>	Fracture, longitudinal, at 12 o'clock	(Struct) 3
	<u>77.24</u>	Fracture, longitudinal, at 9 o'clock	(Struct) 3
	<u>77.24</u> F02	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, End Remarks: In places	(Serv) 2
	<u>77.24</u> F04	Roots, fine at joint, End	(Serv) 2
	<u>77.25</u>	Survey abandoned Remarks: End of CCTV Capability	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
11	120	3.22	290	4	6	8	1.49	134.5	4

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
12

PLR Suffix :
X



Photo: 12_3A
 0m, General remark Remarks: PVC ribbed pipe installed

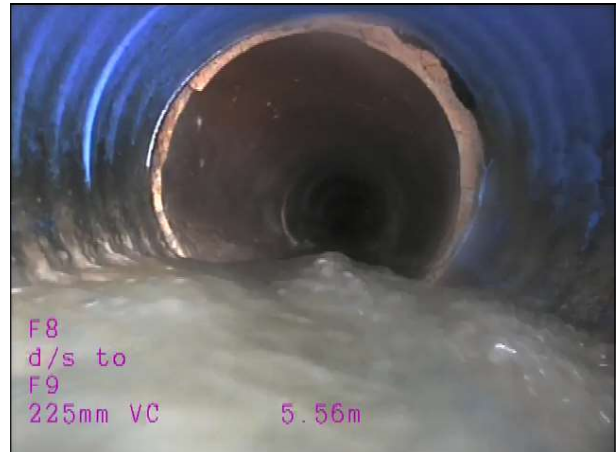


Photo: 12_5A
 5.63m, Material changes, vitrified clay

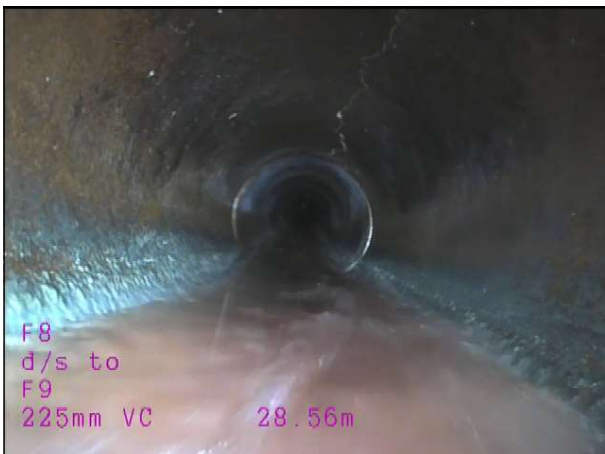


Photo: 12_6A
 28.56m, Crack, longitudinal, at 1 o'clock

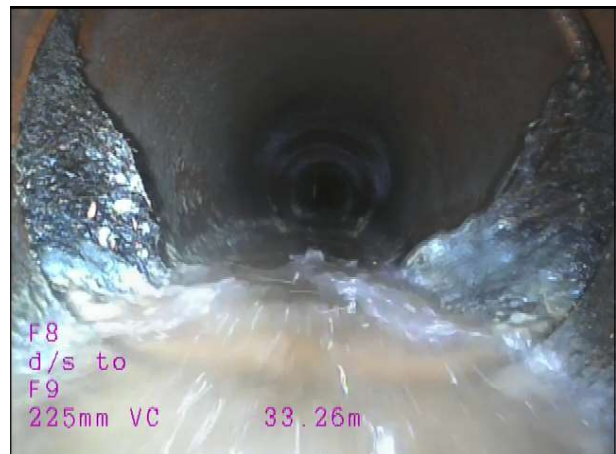


Photo: 12_7A
 33.26m, Roots, mass at joint, 20% cross-sectional area loss

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
12

PLR Suffix :
X

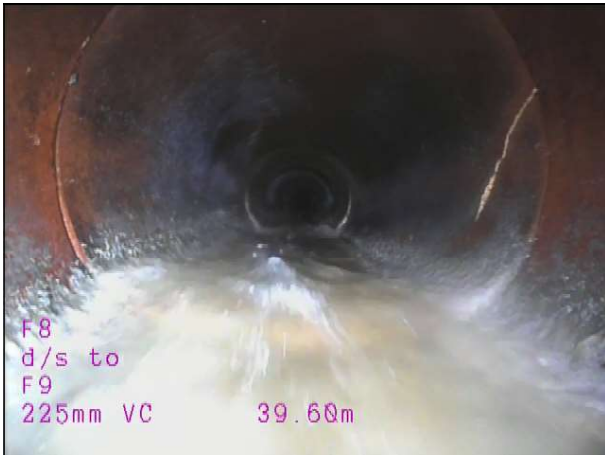


Photo: 12_10A
 39.6m, Crack, circumferential at joint, from 2 to 4 o'clock

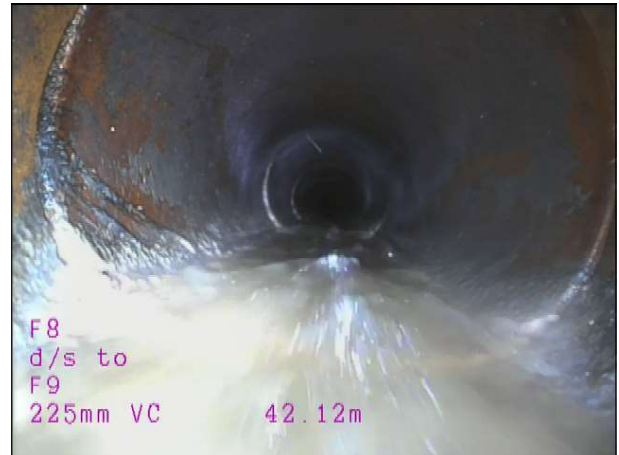


Photo: 12_11A
 42m, Roots, fine at joint, Start

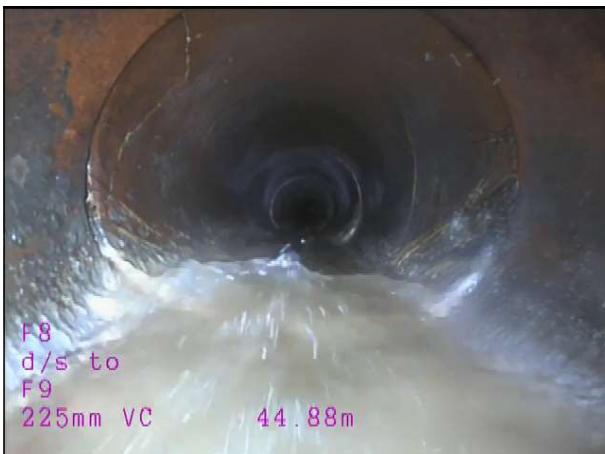


Photo: 12_12A
 44.79m, Crack, longitudinal, at 12 o'clock

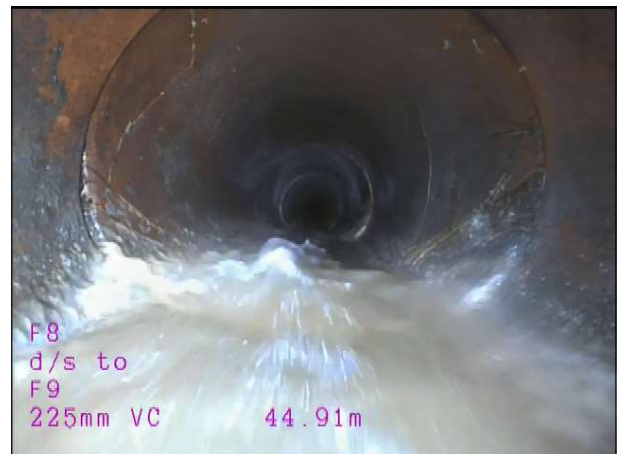


Photo: 12_13A
 44.91m, Fracture, circumferential at joint, from 8 to 11 o'clock

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
12

PLR Suffix :
X

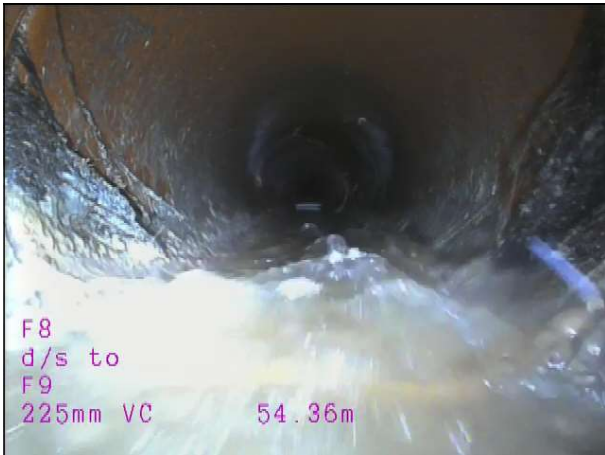


Photo: 12_14A
 47.83m, Roots, mass at joint, 10% cross-sectional area loss

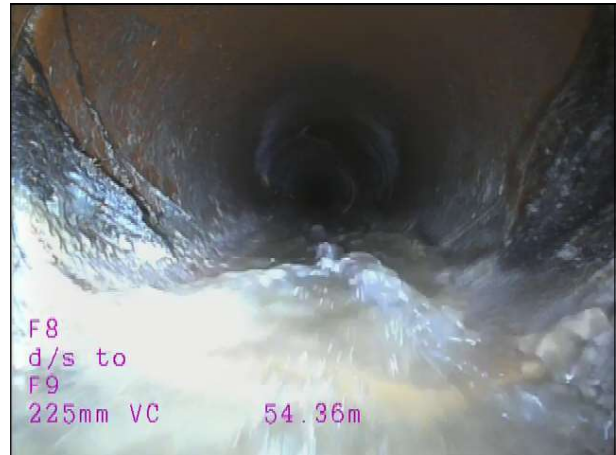


Photo: 12_15A
 54.36m, Roots, mass at joint, 10% cross-sectional area loss

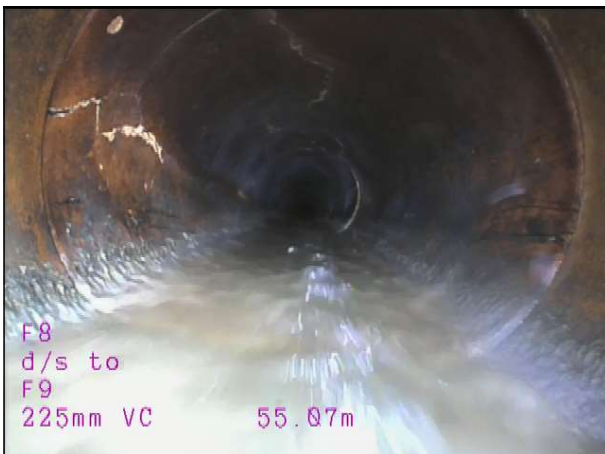


Photo: 12_16A
 55.07m, Fracture, longitudinal, at 9 o'clock

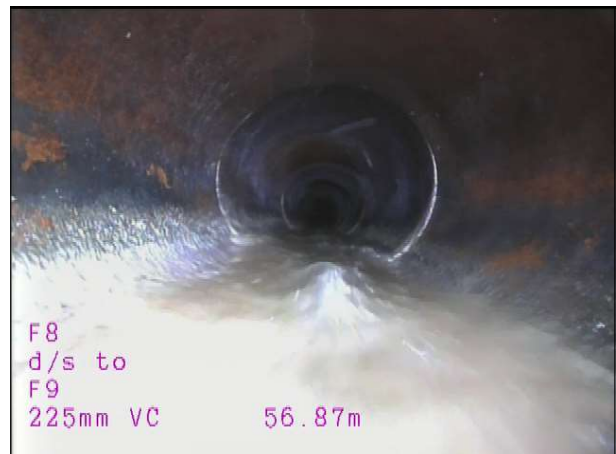


Photo: 12_18A
 56.87m, Crack, longitudinal, at 12 o'clock

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
12

PLR Suffix :
X



Photo: 12_19A
 70.76m, Fracture, longitudinal at joint, at 2 o'clock

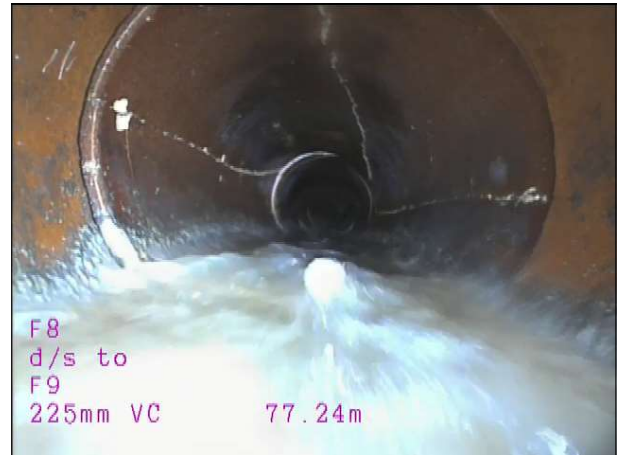


Photo: 12_20A
 77.24m, Fracture, longitudinal, at 3 o'clock

Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 13	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F8
Road : Off Wakefield Road	Catchment:	U/S Depth : 1.96
Location Fields	Pipe Shape : Circular	D/S MH : F9
Inspection F9 (U/S) F8	Pipe Length 0.80 m	D/S Depth : 1.33

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 225 mm
Purpose : Sample survey to determine asset condition	Pipe material : Vitrified clay
Total length : 80.50 m	Lining :

Comment : **Defects identified in the line.**

1:50 Position Depth: 1.33	Observation	Grade
	<p style="color: green;">Start node type, manhole, reference number : F9 (Constr) 0</p> <p>Water level, 10% of the vertical dimension (Serv) 0</p> <p style="color: red;">Fracture, multiple, from 8 to 4 o'clock, Start (Struct) 4</p> <p style="color: red;">Fracture, multiple, from 8 to 4 o'clock, End (Struct) 4</p> <p>Survey abandoned Remarks: Due to Survey overlap (Misc) 0</p>	

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	80	1.3	104	4	0	0	0	0	1

Place :

WCG Environmental Ltd
Denamorra Drive
Sheffield
Tel:
Fax:
Email: info@wasteclean.co.uk

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
13

PLR Suffix :
X

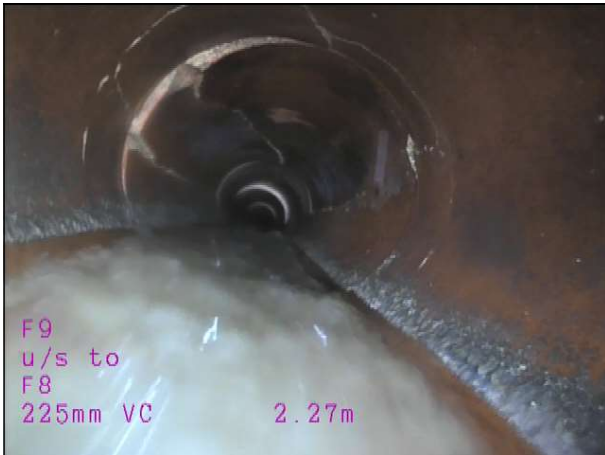


Photo: 13_3A
2.27m, Fracture, multiple, from 8 to 4 o'clock, Start


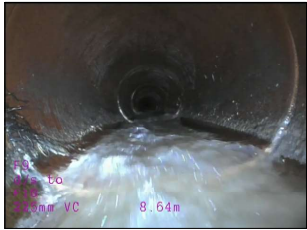



Inspection report

Date : 20/12/2024	Job number :	Section Type :	Operator : SS	Section number : 14	PLR SUFFIX: X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Athersley	Location details:	U/S MH : F9
Road : Off Wakefield Road	Catchment:	U/S Depth : 1.33
Location Fields	Pipe Shape : Circular	D/S MH : F10
Inspection F9 (D/S) F10	Pipe Length 0.80 m	D/S Depth :

Use: Foul	Pipe Width : 0 mm
Year laid : Z	Pipe Diameter : 225 mm
Purpose : Sample survey to determine asset condition	Pipe material : Vitrified clay
Total length : 100.00 m	Lining :

Comment : **Defects identified in the line.**

1:558 Position Depth: 1.33	Observation	Grade	
0.00	Start node type, manhole, reference number : F9 (Constr) 0		
0.00	Water level, 10% of the vertical dimension	(Serv) 0	
0.00	General remark Remarks: Re-rounding clip installed	(Misc) 0	
0.70 S01	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, Start Remarks: In places	(Serv) 2	
8.64 S02	Roots, fine at joint, Start	(Serv) 2	
19.17	Roots, mass at joint, 10% cross-sectional area loss	(Serv) 3	
29.99	Roots, mass at joint, 5% cross-sectional area loss	(Serv) 3	
48.90 F02	Roots, fine at joint, End	(Serv) 2	
58.87	Crack, longitudinal, at 11 o'clock	(Struct) 2	
61.10	Point repair, hole repaired, from 11 to 1 o'clock	(Constr) 0	
61.80	Crack, longitudinal at joint, at 12 o'clock	(Struct) 2	
65.45	Roots, fine at joint	(Serv) 2	
66.16	Roots, mass at joint, 10% cross-sectional area loss	(Serv) 3	
66.83 S03	Roots, fine at joint, Start	(Serv) 2	
70.71	Roots, mass at joint, 5% cross-sectional area loss	(Serv) 3	

Inspection Report

Date : 20/12/2024	Job number :	Weather : no rain or snow	Operator : SS	Section number : 14	PLR : X
Weather no rain or snow	Vehicle : YC72 SVA	Camera : Mainline	Preset : 0.7m	Cleaned : no	Grade:

1:558	Position	Observation	Grade
		<p>Roots, mass at joint, 10% cross-sectional area loss</p> <p>Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, End Remarks: In places</p> <p>Roots, fine at joint, End</p> <p>Survey abandoned Remarks: End of CCTV capability</p>	<p>(Serv) 3</p> <p>(Serv) 2</p> <p>(Serv) 2</p> <p>(Misc) 0</p>

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	10	0.2	20	2	9	7	1.59	158.5	4

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
14

PLR Suffix :
X

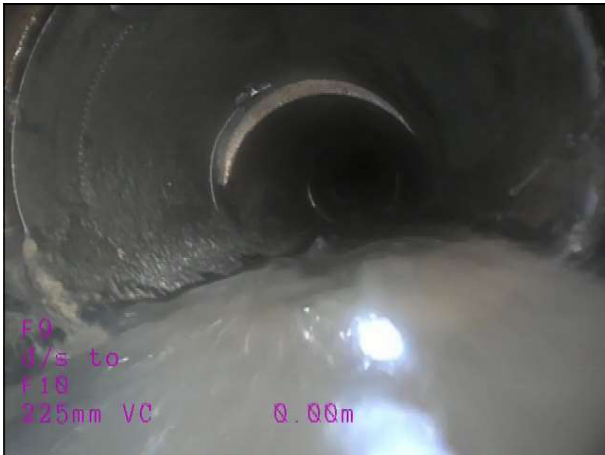


Photo: 14_3A
 0m, General remark Remarks: Re-rounding clip installed

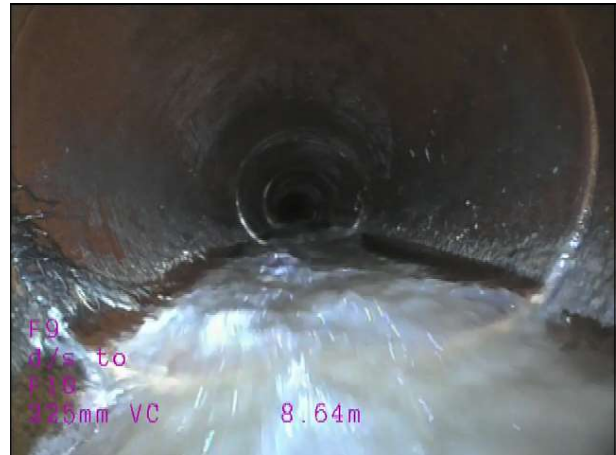


Photo: 14_5A
 8.64m, Roots, fine at joint, Start

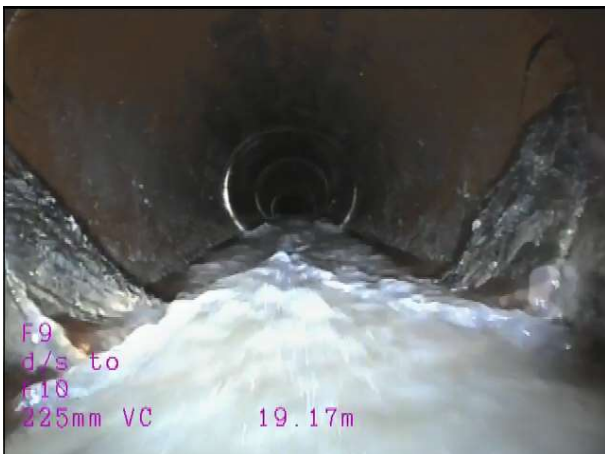


Photo: 14_6A, 00:02:38
 19.17m, Roots, mass at joint, 10% cross-sectional area loss

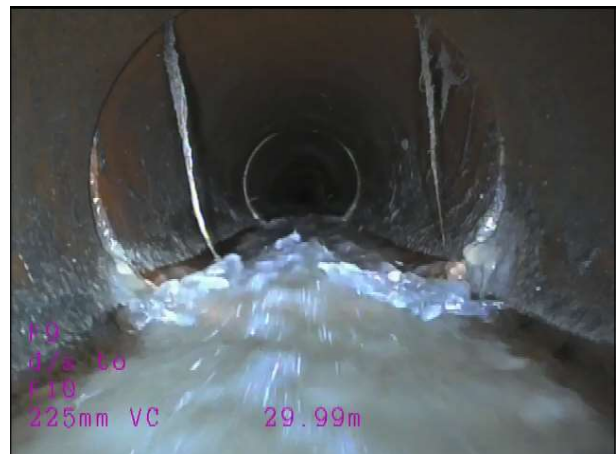


Photo: 14_7A
 29.99m, Roots, mass at joint, 5% cross-sectional area loss

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
14

PLR Suffix :
X

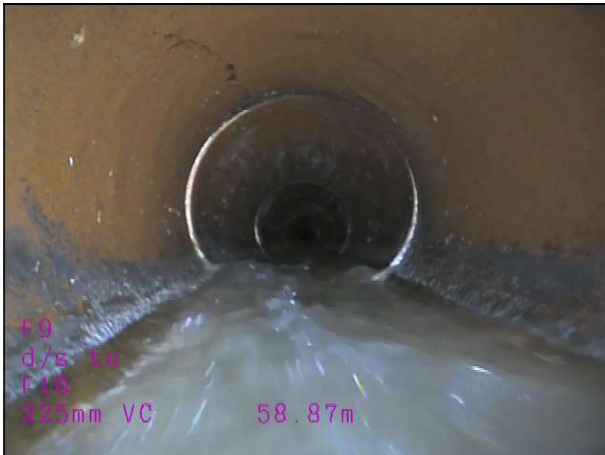


Photo: 14_9A
 58.87m, Crack, longitudinal, at 11 o'clock

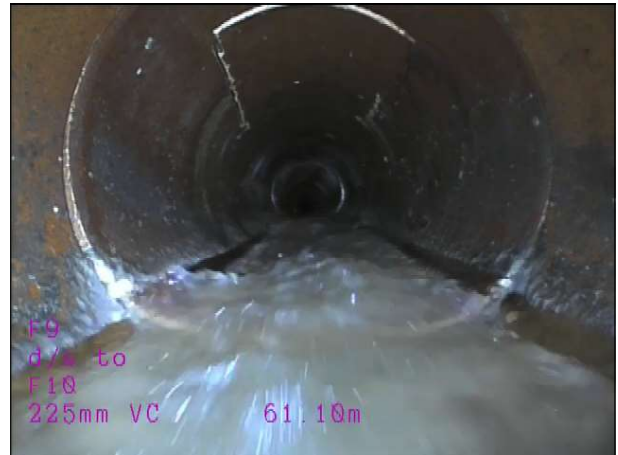


Photo: 14_10A
 61.1m, Point repair, hole repaired, from 11 to 1 o'clock



Photo: 14_11A
 61.8m, Crack, longitudinal at joint, at 12 o'clock

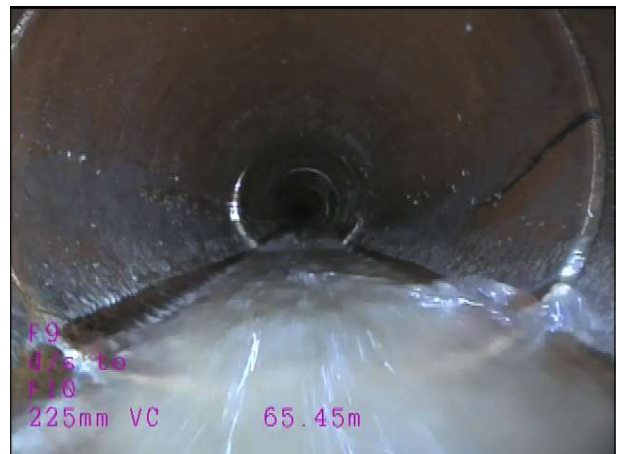


Photo: 14_12A
 65.45m, Roots, fine at joint

Inspection pictures

Place :
Athersley

Road :
Off Wakefield Road

Date :
20/12/2024

Section number :
14

PLR Suffix :
X

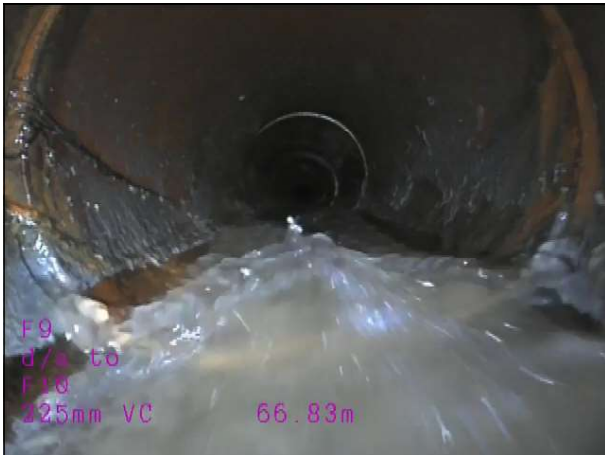


Photo: 14_14A
 66.83m, Roots, fine at joint, Start

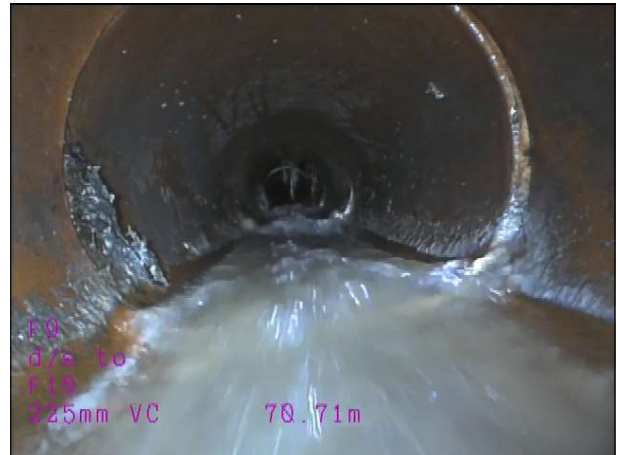


Photo: 14_15A
 70.71m, Roots, mass at joint, 5% cross-sectional area loss



Photo: 14_16A
 73.15m, Roots, mass at joint, 10% cross-sectional area loss

