



Project

Project Name: HYDE ROAD MANCHESTER

Project Date: 28/05/2021

Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

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Project Information

Project Name
HYDE ROAD MANCHESTER

Project Number

Project Date
28/05/2021

Contractor

Company: GENERAL UTILITIES NORTHWEST LTD
Description: DRAINAGE COMPANY
Contact: CRAIG MORRIS
Department: OPERATIONS MANAGER
Street: LIVERPOOL ROAD
Town or City: IRLAM
County: MANCHESTER
Post Code: M44 6FB
Phone: 0161 776 0011
Mobile: 07920 792753
Email: generalutilities@btconnect.com

Project Pictures

Project Name
HYDE ROAD MANCHESTER

Project Number

Project Date
28/05/2021



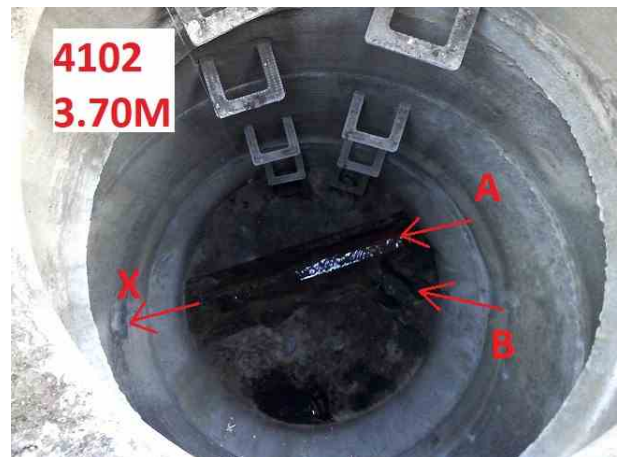
4005



4101 COVER



4101



4102



F8.1



INTERCEPTOR

Project Pictures

Project Name
HYDE ROAD MANCHESTER

Project Number

Project Date
28/05/2021



S9

Section Profile

Project Name
HYDE ROAD MANCHESTER

Project Number

Project Date
28/05/2021

Circular, 225 mm

Section	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
2	F1	4102	28/05/2021	ELLEN WILKINSON CRESCENT	Vitrified clay	44.76 m	44.76 m

Total: 1 Inspection x Circular 225 mm = 44.76 m Total Length and 44.76 m Inspected Length

Circular, 450 mm

Section	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	INTERCEP/R	4101	28/05/2021	ELLEN WILKINSON CRESCENT	Concrete	68.19 m	68.19 m

Total: 1 Inspection x Circular 450 mm = 68.19 m Total Length and 68.19 m Inspected Length

Total: 2 Inspections = 112.95 m Total Length and 112.95 m Inspected Length

Section Summary			
Project Name HYDE ROAD MANCHESTER		Project Number	Project Date 28/05/2021
Number of sections		2	
Total length of sewer network		112.95 m	
Total length of inspections		112.95 m	
Total length of abandoned inspections		0.00 m	
Total abandoned inspections		0	
Number of section inspection photos		19	
Number of section inspection videos		2	
Number of section inspection scans		0	
Number of section inclination measurements		0	
PLR:	INTERCEP/RX	Upstream Node:	INTERCEP/R
Inspection Direction:	Upstream	Downstream Node:	4101
Inspected Length:	68.19 m	Dia/Height:	450 mm
Total Length:	68.19 m	Material:	Concrete
No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: 4101
2	0.00	WL	Water level, 5% of the vertical dimension
3	13.90	GP	General photograph taken at this point
4	22.72	CL	Crack, longitudinal at 11 o'clock
5	28.29	RTJ	Roots, tap at joint
6	32.86	JN	Junction at 3 o'clock, diameter: 150mm
7	32.86	JN	Junction at 9 o'clock, diameter: 150mm
8	40.15	JN	Junction at 2 o'clock, diameter: 150mm
9	50.34	GP	General photograph taken at this point
10	64.75	DEZ	Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss
11	64.75	JDM	Joint displaced, medium
12	66.59	WL	Water level, 20% of the vertical dimension
13	68.19	MHF	Finish node type, manhole, reference number: INTERCEPTOR
PLR:	F1X	Upstream Node:	F1
Inspection Direction:	Upstream	Downstream Node:	4102
Inspected Length:	44.76 m	Dia/Height:	225 mm
Total Length:	44.76 m	Material:	Vitrified clay
No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: 4102
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	LR	Line deviates right

Section Summary			
Project Name HYDE ROAD MANCHESTER		Project Number	Project Date 28/05/2021
No.	m+	Code	Observation
4	0.00	CL	Crack, longitudinal at 3 o'clock
5	0.00	CL	Crack, longitudinal at 10 o'clock
6	1.71	WL	Water level, 10% of the vertical dimension
7	6.00	CXI	Connection defective, connecting pipe is intruding at 2 o'clock, diameter: 150mm, intrusion: 5%
8	6.15	DEE	Attached deposits, encrustation from 3 o'clock to 6 o'clock, 10% cross-sectional area loss
9	20.71	GP	General photograph taken at this point
10	32.28	JN	Junction at 12 o'clock, diameter: 150mm
11	38.67	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 5 o'clock, 5% cross-sectional area loss
12	44.25	DEZ	Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss
13	44.76	MHF	Finish node type, manhole, reference number: F1

Project Summary

Project Name
HYDE ROAD MANCHESTER

Project Number

Project Date
28/05/2021

Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	INTERCEP/RX	INTERCEP/R	4101	Ellen Wilkinson Crescent	Manchester	S	CO	Circular 450mm	68.19 m
2	SEC	F1X	F1	4102	Ellen Wilkinson Crescent	Manchester	F	VC	Circular 225mm	44.76 m
Total:										112.95 m

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	INTERCEP/RX	INTERCEP/R			0.000 m	4101			0.000 m
2	F1X	F1			0.000 m	4102			0.000 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 225mm	44.76 m	
Circular 225mm =	44.76 m	1
Circular 450mm	68.19 m	
Circular 450mm =	68.19 m	1
Total =	112.95 m	2

Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	INTERCEP/R	4101	US	A.Maidment	28/05/2021	7:22	4	2	MHF	68.19 m
2	1	F1	4102	US	A.Maidment	28/05/2021	9:42	3	2	MHF	44.76 m

Project Summary

Project Name
HYDE ROAD MANCHESTER

Project Number

Project Date
28/05/2021

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
Total:											112.95 m

Inspection Summary by Profile

Profile	Total Length	No. Inspections
Circular 225mm	44.76 m	
Circular 225mm =	44.76 m	1
Circular 450mm	68.19 m	
Circular 450mm =	68.19 m	1
Total =	112.95 m	2

Defect Summary

CCTV Drainage Survey Observation Count

				General				Structural Condition								Service Condition								
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
1	1	INTERCEP/R	4101	68.2	1			1							1		1						2	
2	1	F1	4102	44.8				2											2				2	1
Total:				113.0	1			3									1		2				4	1

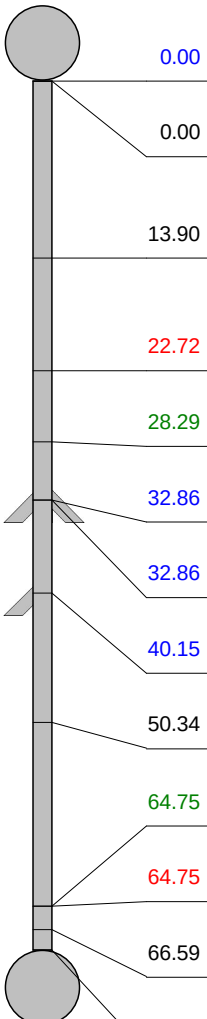
Section Inspection

Section 1	Inspection 1	Date 28/05/21	Time 7:22	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR INTERCEP/RX
Operator A.MAIDMENT		Vehicle WM19 HWE		Camera Crawler	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	INTERCEP/R
Road:	Ellen Wilkinson Crescent	Inspected Length:	68.19 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	68.19 m	Downstream Node:	4101
Surface Type:	Asphalt Highway	Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Year Constructed:		Material:	Concrete		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:593	Position [m]	Code	Observation	Grade																																																								
Depth: m 4101  INTERCEP/F Depth: m <table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node type, manhole, reference number: 4101</td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td></tr><tr><td>13.90</td><td>GP</td><td>General photograph taken at this point</td><td></td></tr><tr><td>22.72</td><td>CL</td><td>Crack, longitudinal at 11 o'clock</td><td>2 / 2</td></tr><tr><td>28.29</td><td>RTJ</td><td>Roots, tap at joint</td><td>4</td></tr><tr><td>32.86</td><td>JN</td><td>Junction at 3 o'clock, diameter: 150mm</td><td></td></tr><tr><td>32.86</td><td>JN</td><td>Junction at 9 o'clock, diameter: 150mm</td><td></td></tr><tr><td>40.15</td><td>JN</td><td>Junction at 2 o'clock, diameter: 150mm</td><td></td></tr><tr><td>50.34</td><td>GP</td><td>General photograph taken at this point</td><td></td></tr><tr><td>64.75</td><td>DEZ</td><td>Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss: GROUT</td><td>3</td></tr><tr><td>64.75</td><td>JDM</td><td>Joint displaced, medium</td><td>1 / 3</td></tr><tr><td>66.59</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td></td></tr><tr><td>68.19</td><td>MHF</td><td>Finish node type, manhole, reference number: INTERCEPTOR</td><td></td></tr></table>  WL @ 0.00 m  GP @ 13.90 m  CL @ 22.72 m  RTJ @ 28.29 m  JN @ 32.86 m						Position [m]	Code	Observation	Grade	0.00	MH	Start node type, manhole, reference number: 4101		0.00	WL	Water level, 5% of the vertical dimension		13.90	GP	General photograph taken at this point		22.72	CL	Crack, longitudinal at 11 o'clock	2 / 2	28.29	RTJ	Roots, tap at joint	4	32.86	JN	Junction at 3 o'clock, diameter: 150mm		32.86	JN	Junction at 9 o'clock, diameter: 150mm		40.15	JN	Junction at 2 o'clock, diameter: 150mm		50.34	GP	General photograph taken at this point		64.75	DEZ	Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss: GROUT	3	64.75	JDM	Joint displaced, medium	1 / 3	66.59	WL	Water level, 20% of the vertical dimension		68.19	MHF	Finish node type, manhole, reference number: INTERCEPTOR	
Position [m]	Code	Observation	Grade																																																										
0.00	MH	Start node type, manhole, reference number: 4101																																																											
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68.19	MHF	Finish node type, manhole, reference number: INTERCEPTOR																																																											

Section Inspection

Section 1	Inspection 1	Date 28/05/21	Time 7:22	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR INTERCEP/RX
Operator A.MAIDMENT		Vehicle WM19 HWE		Camera Crawler	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified



JN @ 40.15 m



GP @ 50.34 m



JDM @ 64.75 m



WL @ 66.59 m



MHF @ 68.19 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
2	10.0	0.2	11.0	2.0	4	5.0	0.2	10.0	4.0

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	INTERCEP/RX		



INTERCEP_RX_194de98b-e51d-4379-93d6-334079b5f439_20210528_084439_283.jpg,
00:00:04, 0.00 m
Water level, 5% of the vertical dimension



INTERCEP_RX_2876364e-c4a0-4ee3-a1a3-e668f9e6e0d9_20210528_084622_664.jpg,
00:01:31, 13.90 m
General photograph taken at this point

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	INTERCEP/RX		



INTERCEP_RX_bf316faa-fd0a-474b-b224-6eec861e4035_20210528_084719_303.jpg,
00:02:21, 22.72 m
Crack, longitudinal at 11 o'clock



INTERCEP_RX_c812ce8b-762b-461e-a7ab-e9543cf060c3_20210528_084754_115.jpg,
00:02:53, 28.29 m
Roots, tap at joint

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	INTERCEP/RX		



INTERCEP_RX_f6d7f7cb-5dd1-47cf-b30e-0568daee0fad_20210528_084832_815.jpg, 00:03:21,
32.86 m
Junction at 3 o'clock, diameter: 150mm



INTERCEP_RX_cd6b0d6c-0e6d-47eb-a074-e3ba2ef13056_20210528_084932_089.jpg,
00:04:05, 40.15 m
Junction at 2 o'clock, diameter: 150mm

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	INTERCEP/RX		



INTERCEP_RX_4def1fbd-323b-409a-aaea-c79f1b9cb3b9_20210528_085019_045.jpg,
00:04:49, 50.34 m
General photograph taken at this point



INTERCEP_RX_1b64a4a2-ccde-4c70-92da-dc94153e0c3c_20210528_085145_416.jpg,
00:06:02, 64.75 m
Joint displaced, medium

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	INTERCEP/RX		



INTERCEP_RX_10a5e499-ca44-4d13-8560-51b7bd231790_20210528_085203_547.jpg,
00:06:17, 66.59 m
Water level, 20% of the vertical dimension



INTERCEP_RX_fc4a4c18-5b76-43fb-8716-3fbc42e12d4b_20210528_085237_815.jpg,
00:06:38, 68.19 m
Finish node type, manhole, reference number: INTERCEPTOR

Section Rehab											
Section 1	Inspection 1	Date 28/05/21	Time 7:22	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR INTERCEP/RX				
Operator A.MAIDMENT		Vehicle WM19 HWE		Camera Crawler	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified				
Town or Village:		Manchester		Inspection Direction:		Upstream		Upstream Node:		INTERCEP/R	
Road:		Ellen Wilkinson Crescent		Inspected Length:		68.19 m		Upstream Pipe Depth:			
Location:		Road		Total Length:		68.19 m		Downstream Node:		4101	
Surface Type:		Asphalt Highway		Joint Length:		0.00 m		Downstream Pipe Depth:			
Comments:											
Recommendations:											
Scale:	1:593	Position [m]	Code	Observation				MPEG	Photo	Grade	
	0.00	MH	Start node type, manhole, reference number: 4101				00:00:01				
	0.00	WL	Water level, 5% of the vertical dimension				00:00:04				
	13.90	GP	General photograph taken at this point				00:01:31				
	22.72	CL	Crack, longitudinal at 11 o'clock				00:02:21		2 / 2		
	28.29	RTJ	Roots, tap at joint				00:02:53		4		
	32.86	JN	Junction at 3 o'clock, diameter: 150mm				00:03:21				
	32.86	JN	Junction at 9 o'clock, diameter: 150mm				00:03:25				
	40.15	JN	Junction at 2 o'clock, diameter: 150mm				00:04:05				
	50.34	GP	General photograph taken at this point				00:04:49				
	64.75	DEZ	Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss: GROUT				00:06:00		3		
	64.75	JDM	Joint displaced, medium				00:06:02		1 / 3		
	66.59	WL	Water level, 20% of the vertical dimension				00:06:17				
	68.19	MHF	Finish node type, manhole, reference number: INTERCEPTOR				00:06:38				
	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		
2	10.0	0.2	11.0	2.0	4	5.0	0.2	10.0	4.0		

Section Inspection

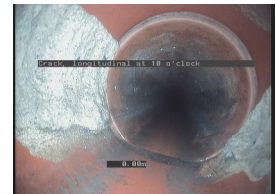
Section 2	Inspection 2	Date 28/05/21	Time 9:42	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F1X
Operator A.MAIDMENT		Vehicle WM19 HWE		Camera Crawler	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	F1
Road:	Ellen Wilkinson Crescent	Inspected Length:	44.76 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	44.76 m	Downstream Node:	4102
Surface Type:	Asphalt Highway	Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Year Constructed:		Material:	Vitrified clay		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

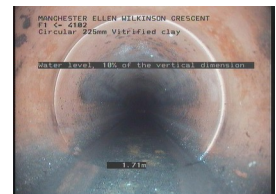
Comments:

Recommendations:

Scale: 1:390	Position [m]	Code	Observation	Grade
	0.00	MH	Start node type, manhole, reference number: 4102	
	0.00	WL	Water level, 5% of the vertical dimension	
	0.00	LR	Line deviates right	
	0.00	CL	Crack, longitudinal at 3 o'clock	2 / 2
	0.00	CL	Crack, longitudinal at 10 o'clock	2 / 2
	1.71	WL	Water level, 10% of the vertical dimension	
	6.00	CXI	Connection defective, connecting pipe is intruding at 2 o'clock, diameter: 150mm, intrusion: 5%	3
	6.15	DEE	Attached deposits, encrustation from 3 o'clock to 6 o'clock, 10% cross-sectional area loss	3
	20.71	GP	General photograph taken at this point	
	32.28	JN	Junction at 12 o'clock, diameter: 150mm: APPEARS TO BE CAPPED OFF	
	38.67	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 5 o'clock, 5% cross-sectional area loss	3
	44.25	DEZ	Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss: GROUT	3
	44.76	MHF	Finish node type, manhole, reference number: F1	



CL @ 0.00 m



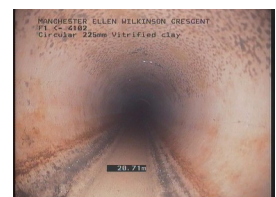
WL @ 1.71 m



CXI @ 6.00 m



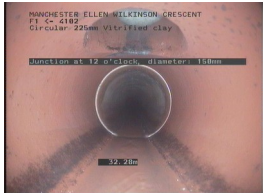
DEE @ 6.15 m



GP @ 20.71 m

Section Inspection

Section 2	Inspection 2	Date 28/05/21	Time 9:42	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F1X
Operator A.MAIDMENT		Vehicle WM19 HWE		Camera Crawler	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified



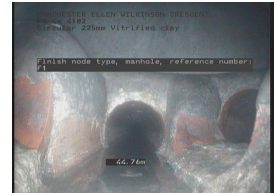
JN @ 32.28 m



DEEJ @ 38.67 m



DEZ @ 44.25 m



MHF @ 44.76 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
2	20.0	0.5	20.0	2.0	6	2.0	0.2	10.0	3.0

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	F1X		



F1X_d86d64c4-f1a9-4ede-8dd2-538740c4dd34_20210528_094751_541.jpg, 00:00:08, 0.00 m
Crack, longitudinal at 10 o'clock



F1X_dfbcb24-9a0d-4bdd-9c50-3772bae498c7_20210528_094826_308.jpg, 00:00:43, 1.71 m
Water level, 10% of the vertical dimension

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	F1X		



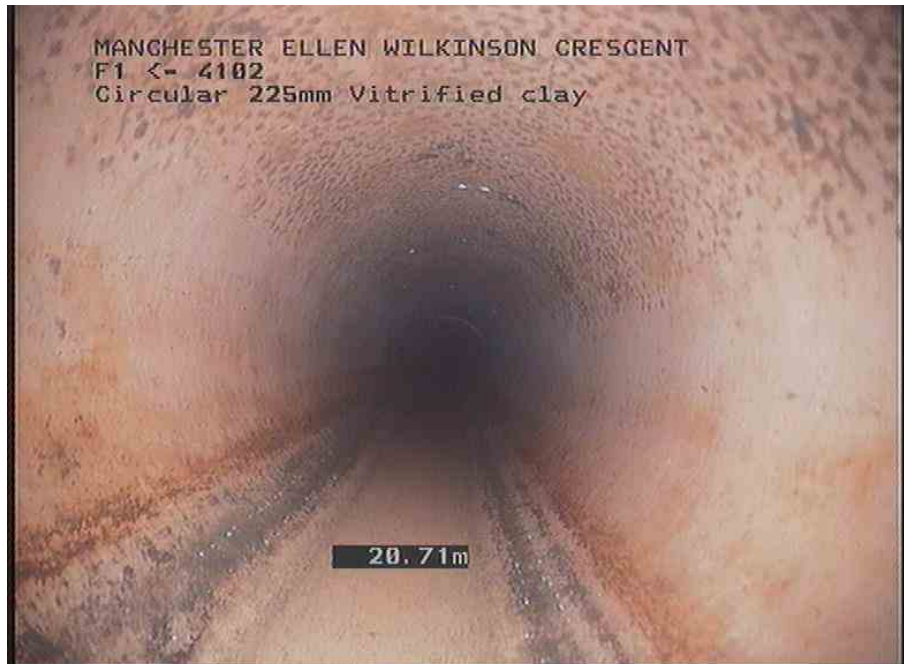
F1X_c6ccb4a9-1e3b-463f-b38b-864e26e7da76_20210528_094927_694.jpg, 00:01:28, 6.00 m
Connection defective, connecting pipe is intruding at 2 o'clock, diameter: 150mm, intrusion: 5%



F1X_88f46f24-c831-48b2-8274-98e42e457bbe_20210528_094946_561.jpg, 00:01:39, 6.15 m
Attached deposits, encrustation from 3 o'clock to 6 o'clock, 10% cross-sectional area loss

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	F1X		



F1X_b8bdfec5-7464-4f2a-ae94-7f5e583612e7_20210528_095135_284.jpg, 00:03:27, 20.71 m
General photograph taken at this point



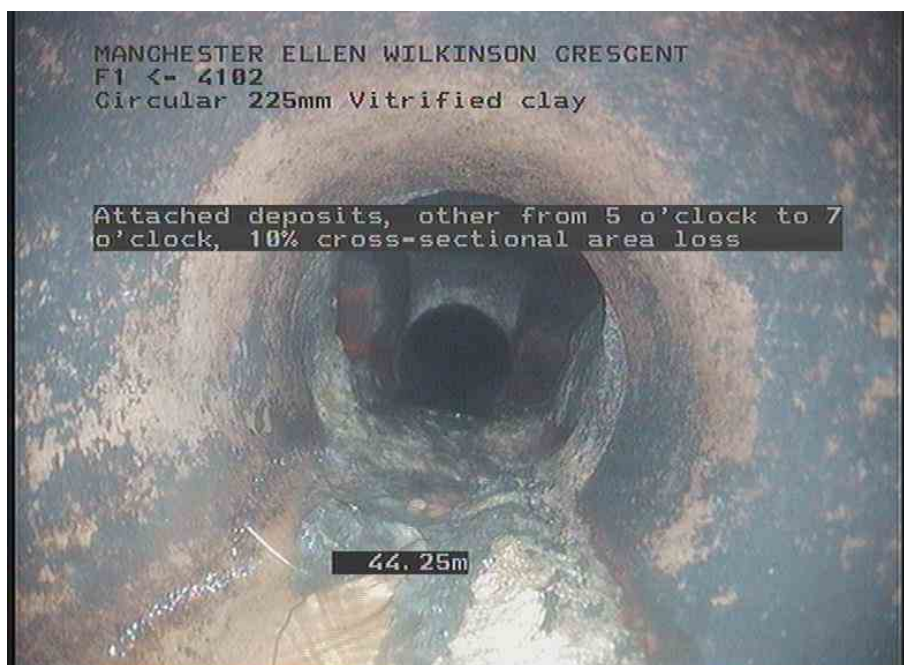
F1X_6ed753d6-9658-445c-ae76-81d1c2599358_20210528_095332_887.jpg, 00:05:05, 32.28 m
Junction at 12 o'clock, diameter: 150mm, APPEARS TO BE CAPPED OFF

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	F1X		



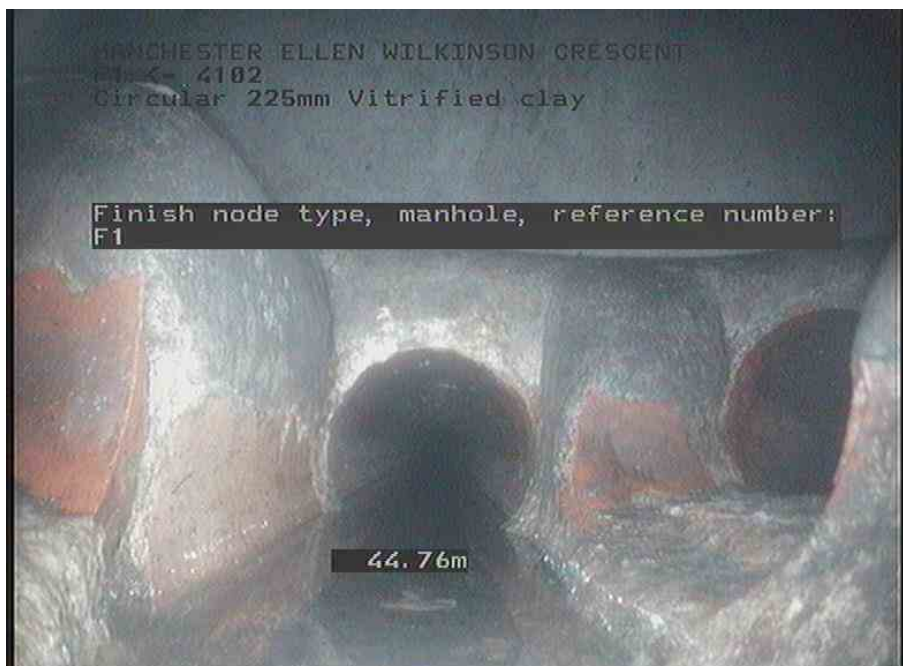
F1X_e9be66f6-579a-4379-b30a-0f6c88459fbe_20210528_095439_621.jpg, 00:06:02, 38.67 m
Attached deposits, encrustation at joint from 7 o'clock to 5 o'clock, 5% cross-sectional area loss



F1X_dae9d4d5-3a5c-4197-a00c-0af39ca40ebf_20210528_095544_237.jpg, 00:06:56, 44.25 m
Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss, GROUT

Section Pictures

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	F1X		



F1X_8b620709-54cb-4123-a4f0-ca9736f09bd8_20210528_095601_695.jpg, 00:07:10, 44.76 m
Finish node type, manhole, reference number: F1

Section Rehab										
Section	Inspection	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR			
2	2	28/05/21	9:42	Not Specified	No Rain Or Snow	No	F1X			
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID			
A.MAIDMENT		WM19 HWE		Crawler	Not Specified	Public Sewer	Not Specified			
Town or Village:		Manchester		Inspection Direction:		Upstream		Upstream Node:		F1
Road:		Ellen Wilkinson Crescent		Inspected Length:		44.76 m		Upstream Pipe Depth:		
Location:		Road		Total Length:		44.76 m		Downstream Node:		4102
Surface Type:		Asphalt Highway		Joint Length:		0.00 m		Downstream Pipe Depth:		
Comments:										
Recommendations:										
Scale:	1:390	Position [m]	Code	Observation			MPEG	Photo	Grade	
	0.00	MH	Start node type, manhole, reference number: 4102			00:00:01				
	0.00	WL	Water level, 5% of the vertical dimension			00:00:03				
	0.00	LR	Line deviates right			00:00:05				
	0.00	CL	Crack, longitudinal at 3 o'clock			00:00:07			2 / 2	
	0.00	CL	Crack, longitudinal at 10 o'clock			00:00:08			2 / 2	
	1.71	WL	Water level, 10% of the vertical dimension			00:00:43				
	6.00	CXI	Connection defective, connecting pipe is intruding at 2 o'clock, diameter: 150mm, intrusion: 5%			00:01:28			3	
	6.15	DEE	Attached deposits, encrustation from 3 o'clock to 6 o'clock, 10% cross-sectional area loss			00:01:39			3	
	20.71	GP	General photograph taken at this point			00:03:27				
	32.28	JN	Junction at 12 o'clock, diameter: 150mm: APPEARS TO BE CAPPED OFF			00:05:05				
	38.67	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 5 o'clock, 5% cross-sectional area loss			00:06:02			3	
	44.25	DEZ	Attached deposits, other from 5 o'clock to 7 o'clock, 10% cross-sectional area loss: GROUT			00:06:56			3	
	44.76	MHF	Finish node type, manhole, reference number: F1			00:07:10				
	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	
2	20.0	0.5	20.0	2.0	6	2.0	0.2	10.0	3.0	