



Project

Project Name: BROWNHILLS SKIP HIRE
Project Description: WinCan Import in Miraculix Standard
Project Date: 24/05/2022





Wrekin Drain Services

Everglow, Rocfields, Lincoln Road, Telford

Tel. 01952612230

info@wrekindrains.co.uk

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BROWNHILLS SKIP HIRE		24/05/2022

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Project Information

Project Name	Project Number	Project Date
BROWNHILLS SKIP HIRE		24/05/2022

Client

Company: Brownhills Skip Hire
Street: Collier Close
Town or City: Brownhills
County: West Midlands
Post Code: WS8 7EU
Email: info@brownhillsskiphire.co.uk



Contractor

Company: Wrekin Drain Services
Contact: Liam Bremner
Department: CCTV Surveys
Street: Everglow, Rocfields, Lincoln Road
Town or City: Telford
County: Shropshire
Post Code: TF5 0BX
Phone: 01952612230
Email: info@wrekindrains.co.uk

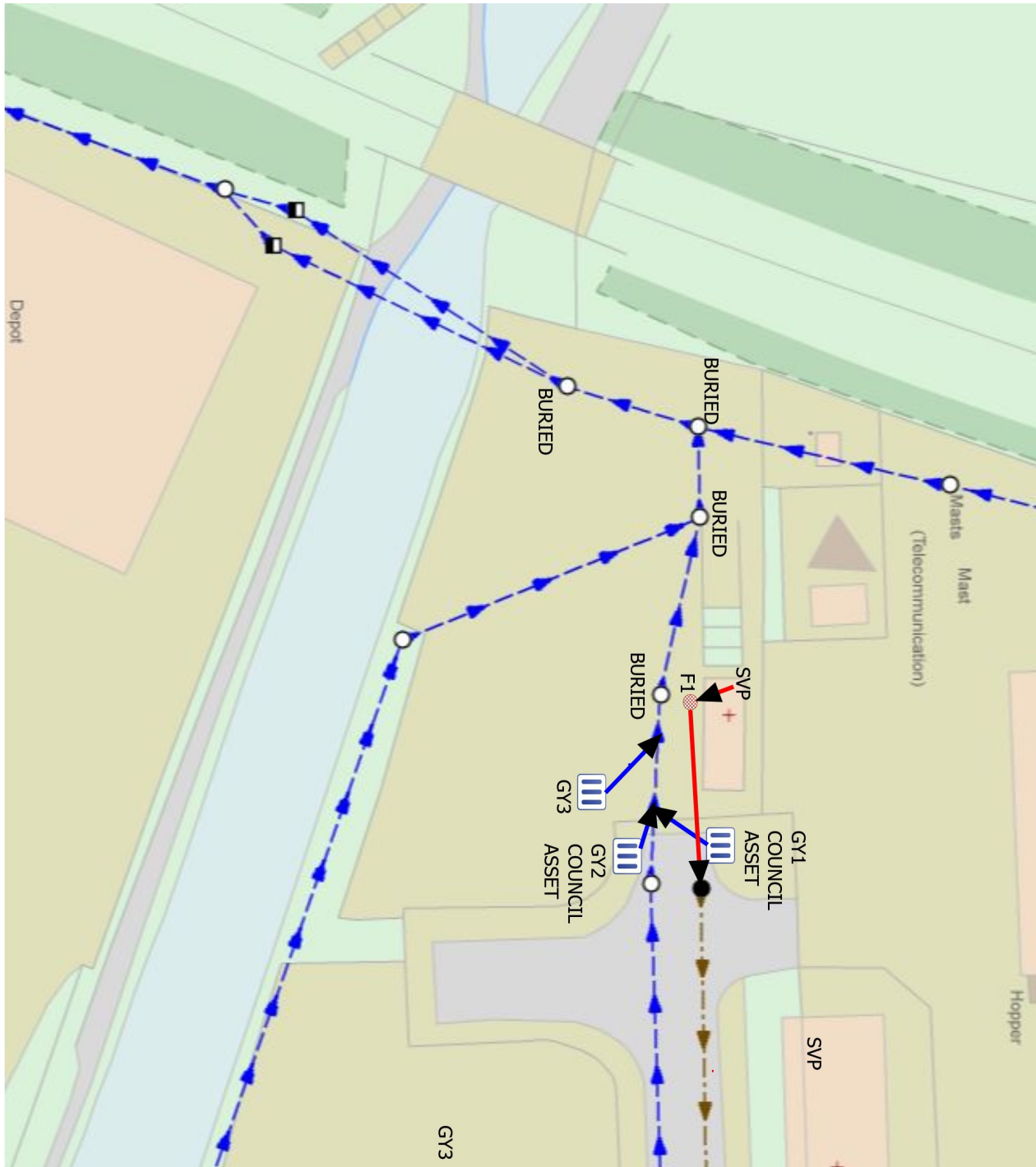




Project Information

Project Name	Project Number	Project Date
BROWNHILLS SKIP HIRE		24/05/2022

Project Drawing, Page 'BROWNHILLS SKIP HIRE'





Section Profile

Project Name BROWNHILLS SKIP HIRE	Project Number	Project Date 24/05/2022
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Arched (with flat bottom), 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	F1	3201	17/05/2022	COLLIER CLOSE	Vitrified clay	17.67 m	17.67 m
2	F1	SVP	17/05/2022	COLLIER CLOSE	Vitrified clay	0.21 m	0.21 m
3	GY1	SW MAINS	17/05/2022	COLLIER CLOSE	Vitrified clay	5.19 m	5.19 m
4	GY2	SW MAINS	17/05/2022	COLLIER CLOSE	Vitrified clay	0.10 m	0.10 m
5	GY3	SW MAINS	17/05/2022	COLLIER CLOSE	Vitrified clay	3.74 m	3.74 m

Total: 5 Inspections x Arched (with flat bottom) 100 mm = 26.91 m Total Length and 26.91 m Inspected Length

Arched (with flat bottom), 225 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
6	3252	3253	17/05/2022	COLLIER CLOSE	Concrete	15.77 m	15.77 m
7	3253	3255	17/05/2022	COLLIER CLOSE	Concrete	0.00 m	0.00 m

Total: 2 Inspections x Arched (with flat bottom) 225 mm = 15.77 m Total Length and 15.77 m Inspected Length

Total: 7 Inspections = 42.68 m Total Length and 42.68 m Inspected Length



Section Summary

Project Name BROWNHILLS SKIP HIRE	Project Number	Project Date 24/05/2022
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Number of sections	7
Total length of sections	42.68 m
Total length of inspected sections	42.68 m
Total length of not inspected sections	0.00 m
Number of abandoned inspections	2
Number of section inspection photos	39
Number of section inspection videos	9
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	F1X	Upstream Node:	F1
Inspection Direction:	Downstream	Downstream Node:	3201
Inspected Length:	17.67 m	Dia/Height:	100 mm
Total Length:	17.67 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F1
2	0.00	WL	Water level, 0% of the vertical dimension
3	11.33	LL	Line deviates left
4	11.42	CR	Cracks, radiating from 12 o'clock to 4 o'clock
5	13.58	RF	Roots, fine
6	16.00	WL	Water level, 10% of the vertical dimension
7	17.67	MHF	Finish node, manhole, reference: 3201

PLR:	F1X	Upstream Node:	F1
Inspection Direction:	Upstream	Downstream Node:	SVP
Inspected Length:	0.21 m	Dia/Height:	100 mm
Total Length:	0.21 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F1
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.00	OJM	Open joint, medium
4	0.01	B	Broken pipe at 12 o'clock
5	0.21	BRF	Finish node, major connection without manhole, reference: F1

PLR:	GY1X	Upstream Node:	GY1
Inspection Direction:	Downstream	Downstream Node:	SW MAINS
Inspected Length:	5.19 m	Dia/Height:	100 mm
Total Length:	5.19 m	Material:	Vitrified clay



Section Summary

Project Name BROWNHILLS SKIP HIRE	Project Number	Project Date 24/05/2022
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No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY1
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.35	DEZ	Attached deposits, other at 12 o'clock, 5% cross-sectional area loss
4	1.09	RF	Roots, fine
5	1.09	RF	Roots, fine
6	4.28	LL	Line deviates left
7	4.38	FR	Fractures, radiating from 2 o'clock to 4 o'clock
8	4.79	FR	Fractures, radiating at 3 o'clock
9	5.19	BRF	Finish node, major connection without manhole, reference: SW MAINS

PLR:	GY2X	Upstream Node:	GY2
Inspection Direction:	Downstream	Downstream Node:	SW MAINS
Inspected Length:	0.10 m	Dia/Height:	100 mm
Total Length:	0.10 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY2
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.10	SA	Survey abandoned

PLR:	GY3X	Upstream Node:	GY3
Inspection Direction:	Downstream	Downstream Node:	SWMAINS
Inspected Length:	3.74 m	Dia/Height:	100 mm
Total Length:	3.74 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY3
2	0.02	WL	Water level, 0% of the vertical dimension
3	1.20	DER	Settled deposits, coarse, 20% cross-sectional area loss
4	3.62	LR	Line deviates right
5	3.72	JDM	Joint displaced, medium
6	3.74	BRF	Finish node, major connection without manhole, reference: SWMAINS

PLR:	3252X	Upstream Node:	3252
Inspection Direction:	Downstream	Downstream Node:	3253
Inspected Length:	15.77 m	Dia/Height:	225 mm
Total Length:	15.77 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: 3252
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	MH	Start node, manhole, reference: 3252
4	0.00	WL	Water level, 10% of the vertical dimension
5	0.02	MH	Start node, manhole, reference: 3252
6	0.03	WL	Water level, 10% of the vertical dimension
7	7.28	CN	Connection other than junction at 3 o'clock, 100mm dia
8	9.48	CN	Connection other than junction at 9 o'clock, 100mm dia
9	10.18	CN	Connection other than junction at 9 o'clock, 100mm dia



Section Summary

Project Name BROWNHILLS SKIP HIRE	Project Number	Project Date 24/05/2022
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No.	m+	Code	Observation
10	15.77	MHF	Finish node, manhole, reference: 3253

PLR:	3253X	Upstream Node:	3253
Inspection Direction:	Downstream	Downstream Node:	3255
Inspected Length:	0.00 m	Dia/Height:	225 mm
Total Length:		Material:	Concrete

No.	m+	Code	Observation
1	-0.30	SA	Survey abandoned
2	0.00	MH	Start node, manhole, reference: 3253
3	0.00	WL	Water level, 0% of the vertical dimension



Section Inspection - 17/05/2022 - F1X

Item No. 1	Insp. No. 1	Date 17/05/22	Time 9:39	Client's Job Ref 01	Weather Not Specified	Pre Cleaned Not Specified	PLR F1X
Operator LIAM		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Brownhills	Inspection Direction:	Downstream	Upstream Node:	F1
Road:	Collier Close	Inspected Length:	17.67 m	Upstream Pipe Depth:	
Location:		Total Length:	17.67 m	Downstream Node:	3201
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Arched (with flat bottom)		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:153	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m F1	0.00	MH	Start node, manhole, reference: F1	00:00:01	F1_0-00m_094240.jpg	
	0.00	WL	Water level, 0% of the vertical dimension	00:00:03	F1_0-00m_094248.jpg	
	11.33	LL	Line deviates left	00:00:44		
	11.42	CR	Cracks, radiating from 12 o'clock to 4 o'clock	00:01:02	F1_11-42m_094411.jpg	3 / 2
	13.58	RF	Roots, fine	00:01:48		2
	16.00	WL	Water level, 10% of the vertical dimension	00:02:08	F1_16-00m_094742.jpg	
	17.67	MHF	Finish node, manhole, reference: 3201	00:02:40	F1_17-67m_094821.jpg	
3201 Depth: m						

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	40.0	2.3	40.0	3.0	2	1.0	0.1	2.0	2.0



Section Pictures - 17/05/2022 - F1X

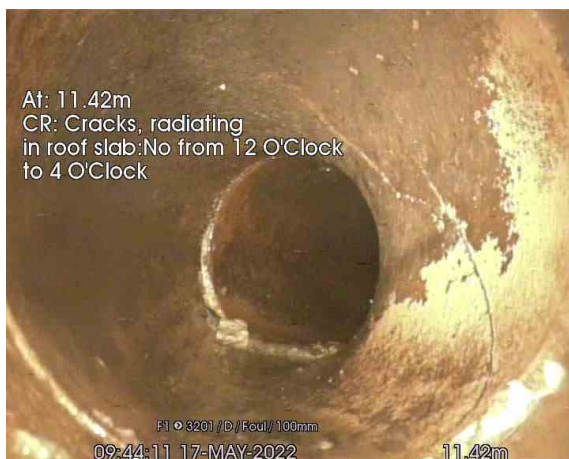
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	F1X	01	



F1_0-00m_094240.jpg, 00:00:01, 0.00 m
Start node, manhole, reference: F1



F1_0-00m_094248.jpg, 00:00:03, 0.00 m
Water level, 0% of the vertical dimension



F1_11-42m_094411.jpg, 00:01:02, 11.42 m
Cracks, radiating from 12 o'clock to 4 o'clock



F1_16-00m_094742.jpg, 00:02:08, 16.00 m
Water level, 10% of the vertical dimension



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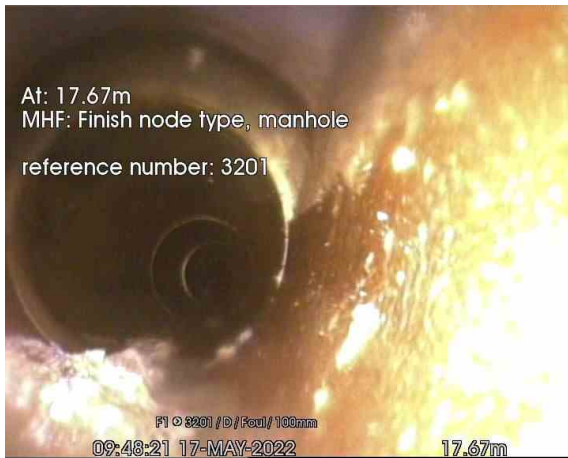
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Section Pictures - 17/05/2022 - F1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	F1X	01	



F1_17-67m_094821.jpg, 00:02:40, 17.67 m
Finish node, manhole, reference: 3201



Section Inspection - 17/05/2022 - F1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	2	17/05/22	9:50	01	Not Specified	Not Specified	F1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LIAM		Not Specified		Not Specified	Not Specified	Not Specified	1

Town or Village:	Brownhills	Inspection Direction:	Upstream	Upstream Node:	F1
Road:	Collier Close	Inspected Length:	0.21 m	Upstream Pipe Depth:	
Location:		Total Length:	0.21 m	Downstream Node:	SVP
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Arched (with flat bottom)		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

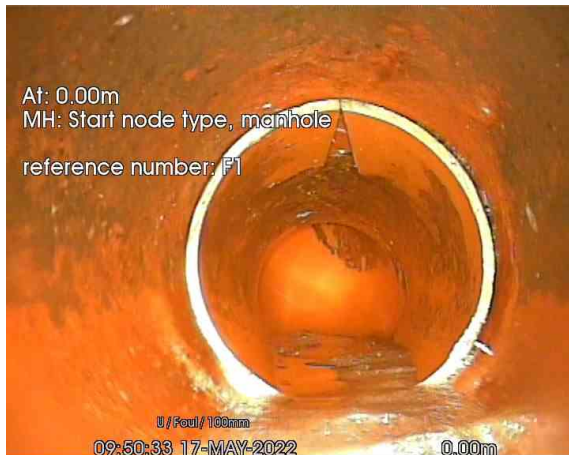
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: F1	00:00:00	SVP_0-00 m_095033 .jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02	SVP_0-00 m_095040 .jpg	
		0.00	OJM	Open joint, medium	00:00:16	SVP_0-00 m_095101 .jpg	1
		0.01	B	Broken pipe at 12 o'clock	00:00:29	SVP_0-01 m_095127 .jpg	4
		0.21	BRF	Finish node, major connection without manhole, reference: F1	00:00:41	SVP_0-21 m_095148 .jpg	

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	81.0	385.7	81.0	4.0	0	0.0	0.0	0.0	1.0

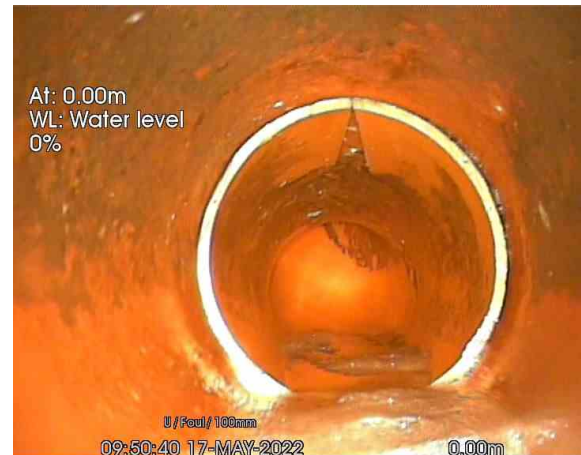


Section Pictures - 17/05/2022 - F1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	F1X	01	



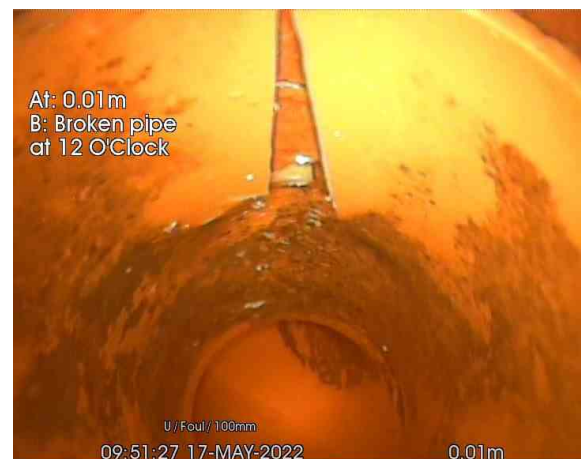
SVP_0-00m_095033.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: F1



SVP_0-00m_095040.jpg, 00:00:02, 0.00 m
Water level, 0% of the vertical dimension



SVP_0-00m_095101.jpg, 00:00:16, 0.00 m
Open joint, medium



SVP_0-01m_095127.jpg, 00:00:29, 0.01 m
Broken pipe at 12 o'clock



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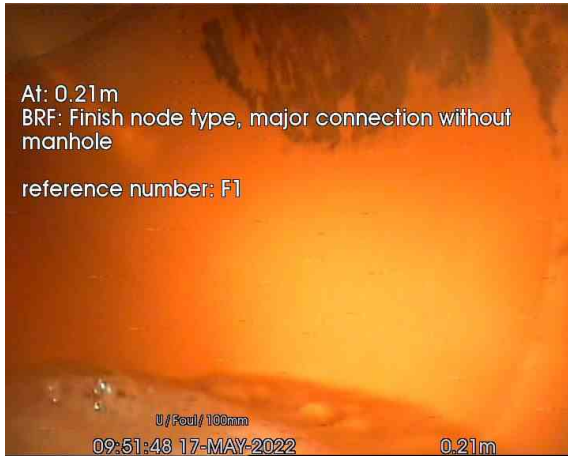
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Section Pictures - 17/05/2022 - F1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	F1X	01	



SVP_0-21m_095148.jpg, 00:00:41, 0.21 m

Finish node, major connection without manhole, reference: F1



Section Inspection - 17/05/2022 - GY1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	3	17/05/22	10:04	01	No Rain Or Snow	Not Specified	GY1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LIAM		Not Specified		Not Specified	Not Specified	Not Specified	1

Town or Village:	Brownhills	Inspection Direction:	Downstream	Upstream Node:	GY1
Road:	Collier Close	Inspected Length:	5.19 m	Upstream Pipe Depth:	
Location:		Total Length:	5.19 m	Downstream Node:	SW MAINS
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Arched (with flat bottom)		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Investigation of known defects	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m GY1 SW MAINS Depth: m							
	0.00	GY	Start node, gully, reference: GY1		00:00:00	GY1_0-00 m_100506 .jpg	
	0.00	WL	Water level, 0% of the vertical dimension		00:00:03	GY1_0-00 m_100514 .jpg	
	0.35	DEZ	Attached deposits, other at 12 o'clock, 5% cross-sectional area loss: TOP OF PIPE		00:00:13	GY1_0-35 m_100609 .jpg	3
	1.09	RF	Roots, fine		00:00:30		2
	1.09	RF	Roots, fine		00:00:33	GY1_1-09 m_100659 .jpg	2
	4.28	LL	Line deviates left		00:00:51	GY1_4-28 m_100722 .jpg	
	4.38	FR	Fractures, radiating from 2 o'clock to 4 o'clock		00:01:04	GY1_4-38 m_100745 .jpg	4 / 2
	4.79	FR	Fractures, radiating at 3 o'clock		00:01:21	GY1_4-79 m_100810 .jpg	4 / 2
	5.19	BRF	Finish node, major connection without manhole, reference: SW MAINS		00:02:03	GY1_5-19 m_100957 .jpg	

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	80.0	30.8	160.0	4.0	5	2.0	1.2	6.0	3.0



Section Pictures - 17/05/2022 - GY1X

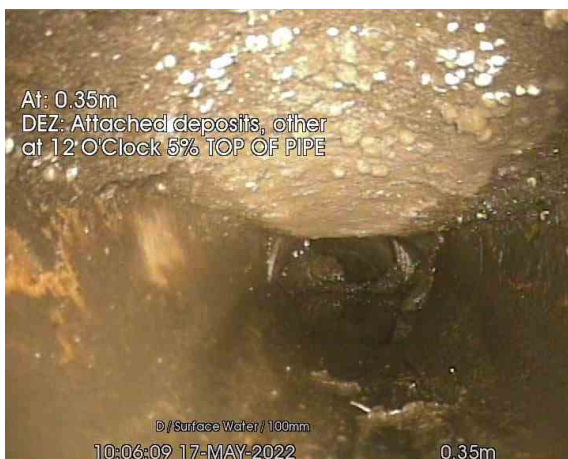
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	GY1X	01	



GY1_0-00m_100506.jpg, 00:00:00, 0.00 m
Start node, gully, reference: GY1



GY1_0-00m_100514.jpg, 00:00:03, 0.00 m
Water level, 0% of the vertical dimension



GY1_0-35m_100609.jpg, 00:00:13, 0.35 m
Attached deposits, other at 12 o'clock, 5% cross-sectional area loss, TOP OF PIPE

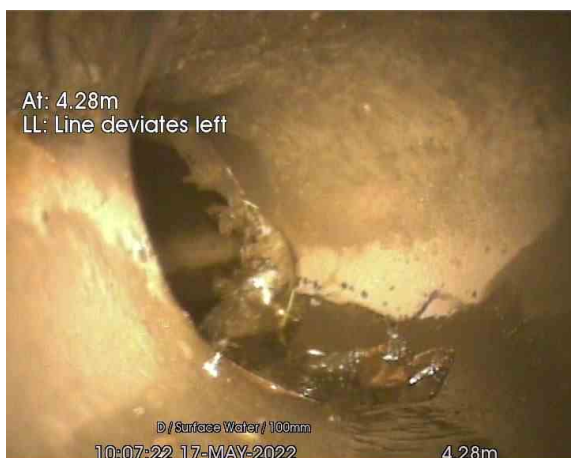


GY1_1-09m_100659.jpg, 00:00:33, 1.09 m
Roots, fine



Section Pictures - 17/05/2022 - GY1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	GY1X	01	



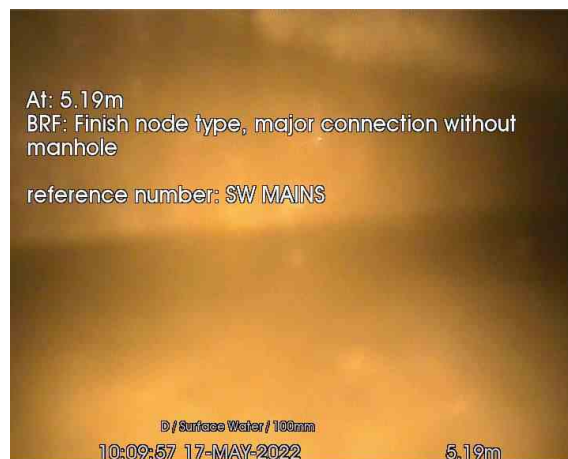
GY1_4-28m_100722.jpg, 00:00:51, 4.28 m
Line deviates left



GY1_4-38m_100745.jpg, 00:01:04, 4.38 m
Fractures, radiating from 2 o'clock to 4 o'clock



GY1_4-79m_100810.jpg, 00:01:21, 4.79 m
Fractures, radiating at 3 o'clock



GY1_5-19m_100957.jpg, 00:02:03, 5.19 m
Finish node, major connection without manhole, reference: SW MAINS



Section Inspection - 17/05/2022 - GY2X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	4	17/05/22	10:13	01	Not Specified	Not Specified	GY2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LIAM		Not Specified		Not Specified	Not Specified	Not Specified	1

Town or Village:	Brownhills	Inspection Direction:	Downstream	Upstream Node:	GY2
Road:	Collier Close	Inspected Length:	0.10 m	Upstream Pipe Depth:	
Location:		Total Length:	0.10 m	Downstream Node:	SW MAINS
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Arched (with flat bottom)		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m GY2							
		0.00	GY	Start node, gully, reference: GY2			
		0.00	WL	Water level, 0% of the vertical dimension	00:00:08	GY2_0-00 m_101422 .jpg	
		0.10	SA	Survey abandoned: BLOCKED FULL OF MUD	00:00:42	GY2_0-10 m_101514 .jpg	

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

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



Wrekin Drain Services

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Section Pictures - 17/05/2022 - GY2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	GY2X	01	



GY2_0-00m_101422.jpg, 00:00:08, 0.00 m
Water level, 0% of the vertical dimension



GY2_0-10m_101514.jpg, 00:00:42, 0.10 m
Survey abandoned, BLOCKED FULL OF MUD



Section Inspection - 17/05/2022 - GY3X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	5	17/05/22	10:25	01	Not Specified	Not Specified	GY3X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LIAM		Not Specified		Not Specified	Not Specified	Not Specified	1

Town or Village:	Brownhills	Inspection Direction:	Downstream	Upstream Node:	GY3
Road:	Collier Close	Inspected Length:	3.74 m	Upstream Pipe Depth:	
Location:		Total Length:	3.74 m	Downstream Node:	SWMAINS
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Arched (with flat bottom)		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m GY3 0.00 0.02 1.20 3.62 3.72 3.74 SWMAINS Depth: m							
		0.00	GY	Start node, gully, reference: GY3	00:00:00	GY3_0-00 m_102542 .jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:02	GY3_0-02 m_102549 .jpg	
		1.20	DER	Settled deposits, coarse, 20% cross-sectional area loss	00:00:16	GY3_1-20 m_102626 .jpg	4
		3.62	LR	Line deviates right	00:00:41	GY3_3-62 m_102657 .jpg	
		3.72	JDM	Joint displaced, medium	00:00:55	GY3_3-72 m_102718 .jpg	1 / 3
		3.74	BRF	Finish node, major connection without manhole, reference: SWMAINS	00:01:00	GY3_3-74 m_102733 .jpg	

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
1	1.0	0.3	1.0	1.0	2	5.0	1.9	7.0	4.0



Section Pictures - 17/05/2022 - GY3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	GY3X	01	



GY3_0-00m_102542.jpg, 00:00:00, 0.00 m
Start node, gully, reference: GY3



GY3_0-02m_102549.jpg, 00:00:02, 0.02 m
Water level, 0% of the vertical dimension



GY3_1-20m_102626.jpg, 00:00:16, 1.20 m
Settled deposits, coarse, 20% cross-sectional area loss



GY3_3-62m_102657.jpg, 00:00:41, 3.62 m
Line deviates right



Wrekin Drain Services

Everglow, Rocfields, Lincoln Road, Telford

Tel. 01952612230

info@wrekindrains.co.uk

Section Pictures - 17/05/2022 - GY3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	GY3X	01	



GY3_3-72m_102718.jpg, 00:00:55, 3.72 m
Joint displaced, medium



GY3_3-74m_102733.jpg, 00:01:00, 3.74 m
Finish node, major connection without manhole, reference:
SWMAINS



Section Inspection - 17/05/2022 - 3252X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
6	6	17/05/22	11:14	01	Not Specified	Not Specified	3252X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LIAM		Not Specified		Not Specified	Not Specified	Not Specified	1

Town or Village:	Brownhills	Inspection Direction:	Downstream	Upstream Node:	3252
Road:	Collier Close	Inspected Length:	15.77 m	Upstream Pipe Depth:	
Location:		Total Length:	15.77 m	Downstream Node:	3253
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Arched (with flat bottom)		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:136	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 3252 3253 Depth: m						
	0.00	MH	Start node, manhole, reference: 3252	00:00:00	3252_0-00 m_111454.jpg	
	0.00	WL	Water level, 10% of the vertical dimension	00:00:03	3252_0-00 m_111503.jpg	
	0.00	MH	Start node, manhole, reference: 3252	00:00:00	3252_0-00 m_113505.jpg	
	0.00	WL	Water level, 10% of the vertical dimension	00:00:02	3252_0-00 m_113516.jpg	
	0.02	MH	Start node, manhole, reference: 3252	00:00:00	3252_0-02 m_113640.jpg	
	0.03	WL	Water level, 10% of the vertical dimension	00:00:02	3252_0-03 m_113649.jpg	
	7.28	CN	Connection other than junction at 3 o'clock, 100mm dia	00:00:36	3252_7-28 m_113731.jpg	
	9.48	CN	Connection other than junction at 9 o'clock, 100mm dia	00:00:51	3252_9-48 m_113759.jpg	
	10.18	CN	Connection other than junction at 9 o'clock, 100mm dia	00:00:57	3252_10-18 m_113815.jpg	
	15.77	MHF	Finish node, manhole, reference: 3253	00:01:26	3252_15-77 m_113850.jpg	

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



Section Pictures - 17/05/2022 - 3252X

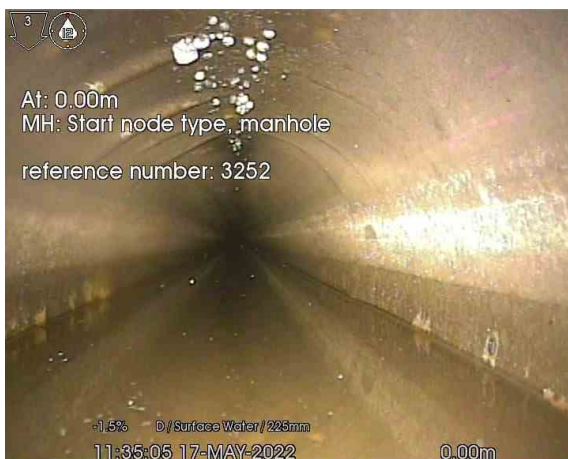
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	3252X	01	



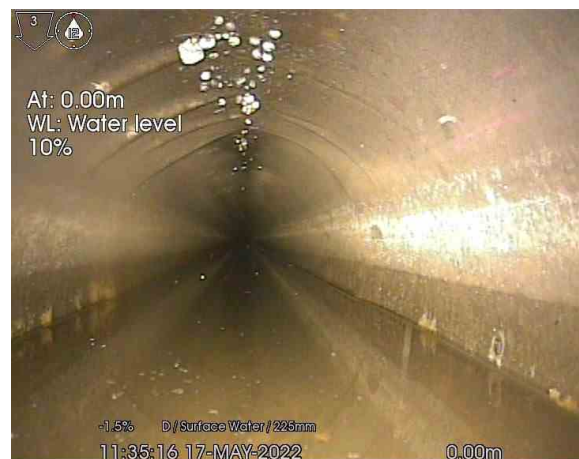
3252_0-00m_111454.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: 3252



3252_0-00m_111503.jpg, 00:00:03, 0.00 m
Water level, 10% of the vertical dimension



3252_0-00m_113505.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: 3252

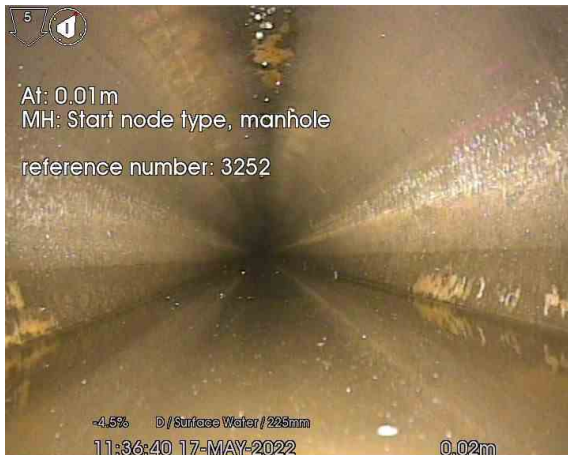


3252_0-00m_113516.jpg, 00:00:02, 0.00 m
Water level, 10% of the vertical dimension

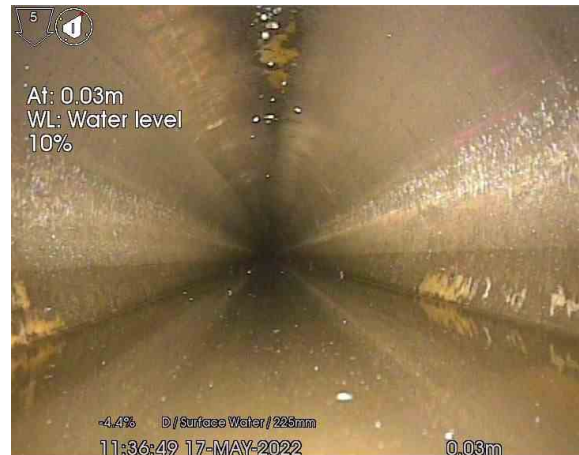


Section Pictures - 17/05/2022 - 3252X

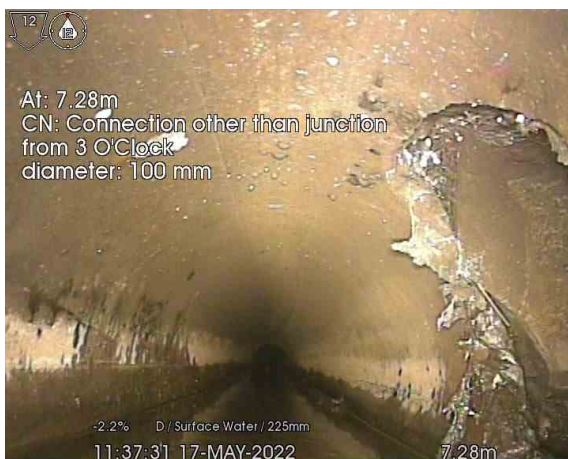
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	3252X	01	



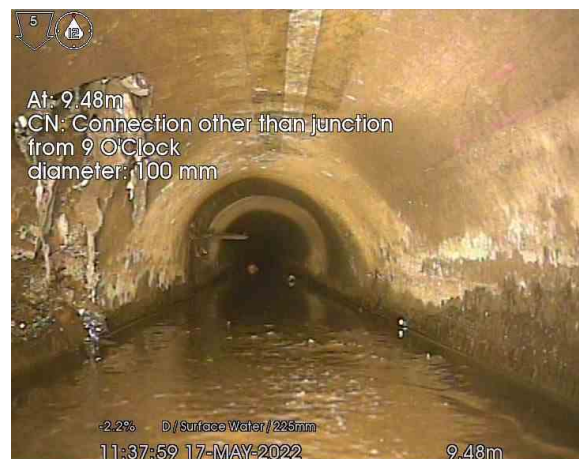
3252_0-02m_113640.jpg, 00:00:00, 0.02 m
Start node, manhole, reference: 3252



3252_0-03m_113649.jpg, 00:00:02, 0.03 m
Water level, 10% of the vertical dimension



3252_7-28m_113731.jpg, 00:00:36, 7.28 m
Connection other than junction at 3 o'clock, 100mm dia

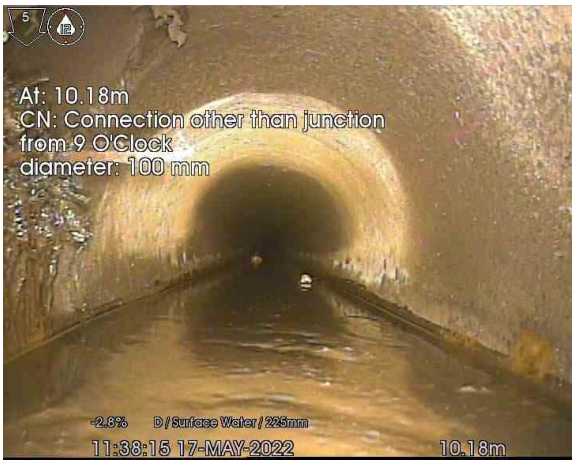


3252_9-48m_113759.jpg, 00:00:51, 9.48 m
Connection other than junction at 9 o'clock, 100mm dia

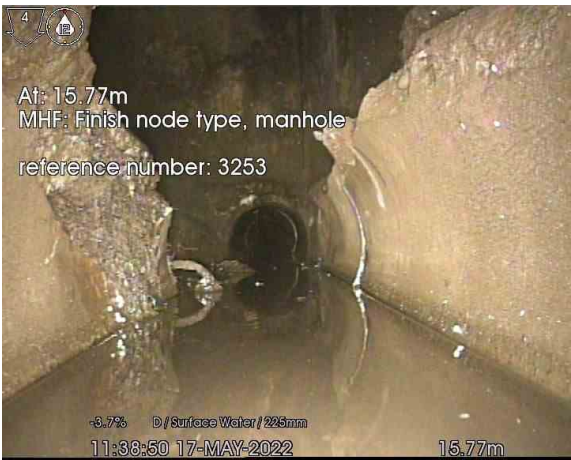


Section Pictures - 17/05/2022 - 3252X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	3252X	01	



3252_10-18m_113815.jpg, 00:00:57, 10.18 m
Connection other than junction at 9 o'clock, 100mm dia



3252_15-77m_113850.jpg, 00:01:26, 15.77 m
Finish node, manhole, reference: 3253



Section Inspection - 17/05/2022 - 3253X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
7	7	17/05/22	11:41	01	Not Specified	Not Specified	3253X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LIAM		Not Specified		Not Specified	Not Specified	Not Specified	1

Town or Village:	Brownhills	Inspection Direction:	Downstream	Upstream Node:	3253
Road:	Collier Close	Inspected Length:	0.00 m	Upstream Pipe Depth:	
Location:		Total Length:	0.00 m	Downstream Node:	3255
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Arched (with flat bottom)		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
			SA	Survey abandoned: cant pass mud in buried chamber	00:00:13	3523_-0-30m_114336.jpg	
			MH	Start node, manhole, reference: 3253	00:00:00	3523_0-00m_114252.jpg	
			WL	Water level, 0% of the vertical dimension	00:00:02	3523_0-00m_114301.jpg	

Construction Features

Structural Defects

Miscellaneous Features

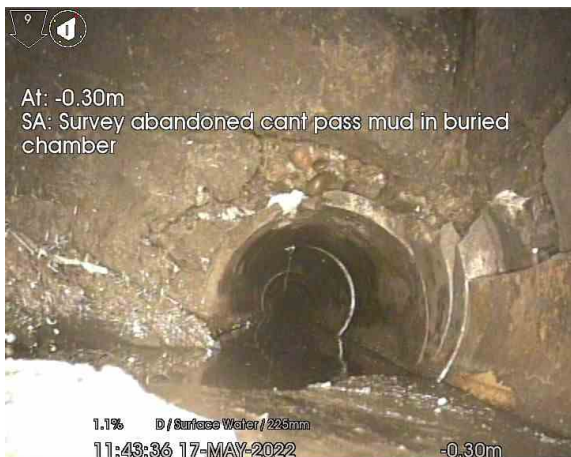
Service & Operational Observations

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



Section Pictures - 17/05/2022 - 3253X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	3253X	01	



At: -0.30m
SA: Survey abandoned cant pass mud in buried chamber

1.1% D / Surface Water / 225mm

11:43:36 17-MAY-2022

-0.30m

3523_-0-30m_114336.jpg, 00:00:13, -0.30 m
Survey abandoned, cant pass mud in buried chamber



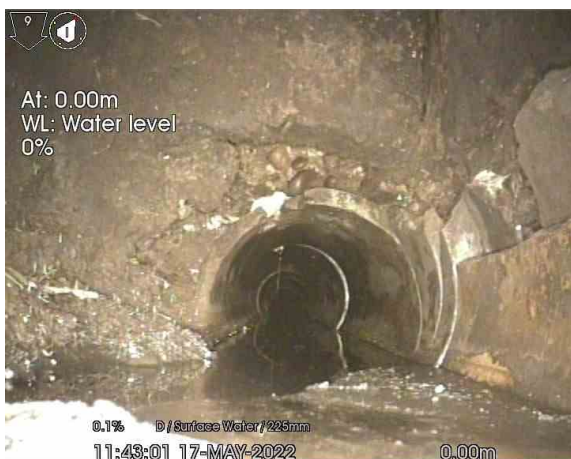
At: 0.00m
MH: Start node type, manhole
reference number: 3253

0.1% D / Surface Water / 225mm

11:42:52 17-MAY-2022

0.00m

3523_0-00m_114252.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: 3253



At: 0.00m
WL: Water level
0%

0.1% D / Surface Water / 225mm

11:43:01 17-MAY-2022

0.00m

3523_0-00m_114301.jpg, 00:00:02, 0.00 m
Water level, 0% of the vertical dimension