



Project

Project Name: HOLLINGWORTH RD, LITTLEBOROUGH
Project Date: 27/04/2021
Inspection Standard: MSCC3 Sewers & Drainage GB (SRM4 Scoring)

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HOLLINGWORTH RD, LITTLEBOROUGH		27/04/2021

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Project Information

Project Name
HOLLINGWORTH RD, LITTLEBOROUGH

Project Number

Project Date
27/04/2021

Client

Company: VISTRY PARTNERSHIPS YORKSHIRE LTD
Contact: IAN HEBBLETHWAITE
Street: THUNDERHEAD RIDGE
Town or City: GLASSHOUGHTON
County: WEST YORKSHIRE
Post Code: WF10 4UA

Site

Street: HOLLINGWORTH ROAD
Town or City: LITTLEBOROUGH

Contractor

Company: SUB GROUP LTD
Description: SURVEYING
Contact: JOE WALSHAW
Department: CCTV
Town or City: DONCASTER
County: SOUTH YORKSHIRE
Post Code: DN3 1PQ
Phone: 01302 880537
Email: joe.walshaw@sub-group.co.uk

Scoring Summary

Project Name
HOLLINGWORTH RD, LITTLEBOROUGH

Project Number

Project Date
27/04/2021

Structural Defects

- Grade 3: Best practice suggests consideration should be given to repairs in the medium term.
- Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.
- Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
5	ZZZX	4	Broken sewer from 11 o'clock to 1 o'clock

Service / Operational Condition

- Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.
- Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.
- Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
5	ZZZX	5	Connection, intruding at 3 o'clock, 225mm diameter, 200mm intruding

Abandoned Surveys

Section	PLR	Description
5	ZZZX	Survey abandoned

Information

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

Section Profile

Project Name
HOLLINGWORTH RD, LITTLEBOROUGH

Project Number

Project Date
27/04/2021

Circular, 600 mm

Section	Upstream Node	Downstream Node	Date	Road	Pipe Material	Total Length	Inspected Length
1	01	02	27/04/2021	HOLLINGWORTH RD	Concrete	82.50 m	82.50 m
2	02	03	27/04/2021	HOLLINGWORTH RD	Concrete	11.30 m	11.30 m
3	03	04	27/04/2021	HOLLINGWORTH RD	Concrete	47.60 m	47.60 m
4	05	01	27/04/2021	HOLLINGWORTH RD	Concrete	29.70 m	29.70 m

Total: 4 Inspections x Circular 600 mm = 171.10 m Total Length and 171.10 m Inspected Length

Total: 4 Inspections = 171.10 m Total Length and 171.10 m Inspected Length

Section Summary

Project Name HOLLINGWORTH RD, LITTLEBOROUGH	Project Number	Project Date 27/04/2021
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Number of sections	5
Total length of sewer network	201.40 m
Total length of inspections	201.40 m
Total length of abandoned inspections	0.00 m
Total abandoned inspections	1
Number of section inspection photos	2
Number of section inspection videos	5
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	01X	Upstream Node:	01
Inspection Direction:	Downstream	Downstream Node:	02
Inspected Length:	82.50 m	Dia/Height:	600 mm
Total Length:	82.50 m	Pipe Material:	Concrete

No.	m+	Code	Observation
1	0.00	GO	General observation
2	0.00	ST	Start of survey
3	0.00	MH	Manhole
4	0.00	WL	Water level, 20% of sewer height
5	82.50	MH	Manhole
6	82.50	FH	Finish survey

PLR:	02X	Upstream Node:	02
Inspection Direction:	Downstream	Downstream Node:	03
Inspected Length:	11.30 m	Dia/Height:	600 mm
Total Length:	11.30 m	Pipe Material:	Concrete

No.	m+	Code	Observation
1	0.00	GO	General observation
2	0.00	ST	Start of survey
3	0.00	MH	Manhole
4	0.00	WL	Water level, 20% of sewer height
5	11.30	MH	Manhole
6	11.30	FH	Finish survey

PLR:	03X	Upstream Node:	03
Inspection Direction:	Downstream	Downstream Node:	04
Inspected Length:	47.60 m	Dia/Height:	600 mm
Total Length:	47.60 m	Pipe Material:	Concrete

Section Summary

Project Name HOLLINGWORTH RD, LITTLEBOROUGH	Project Number	Project Date 27/04/2021
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No.	m+	Code	Observation
1	0.00	GO	General observation
2	0.00	ST	Start of survey
3	0.00	MH	Manhole
4	0.00	WL	Water level, 20% of sewer height
5	47.60	MH	Manhole
6	47.60	FH	Finish survey

PLR:	05X	Upstream Node:	05
Inspection Direction:	Upstream	Downstream Node:	01
Inspected Length:	29.70 m	Dia/Height:	600 mm
Total Length:	29.70 m	Pipe Material:	Concrete

No.	m+	Code	Observation
1	0.00	GO	General observation
2	0.00	ST	Start of survey
3	0.00	MH	Manhole
4	0.00	WL	Water level, 20% of sewer height
5	29.70	MH	Manhole
6	29.70	FH	Finish survey

PLR:	ZZZX	Upstream Node:	ZZZ
Inspection Direction:	Upstream	Downstream Node:	05
Inspected Length:	30.30 m	Dia/Height:	900 mm
Total Length:	30.30 m	Pipe Material:	Other (state in Comments)

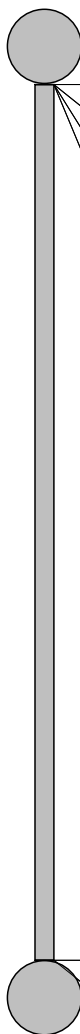
No.	m+	Code	Observation
1	0.00	WL	Water level, 20% of sewer height
2	0.00	ST	Start of survey
3	0.00	MH	Manhole
4	27.90	B	Broken sewer from 11 o'clock to 1 o'clock
5	30.30	CNI	Connection, intruding at 3 o'clock, 225mm diameter, 200mm intruding
6	30.30	SA	Survey abandoned

Section Inspection - 27/04/2021 - 01X

Section	Inspection	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	27/04/21	9:49	Not Specified	Dry	0	01X
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID		
JW	VAN1	235	Not Specified	Not Specified	Not Specified		

Town or Village:	Littleborough	Inspection Direction:	Downstream	Upstream Node:	01
Road:	Hollingworth Rd	Inspected Length:	82.50 m	Upstream Pipe Depth:	
Location:	Fields	Total Length:	82.50 m	Downstream Node:	02
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Culverted watercourse	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	600 mm		
Flow Control:		Pipe Material:	Concrete		
Year Constructed:	Not Specified	Lining:	No Lining		
Inspection Purpose:	Associated with future capital scheme including Drainage Area Planning	Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:712	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 01 							
		0.00	GO	General observation: HEAVY FAST FLOW	00:00:00		
		0.00	ST	Start of survey	00:02:19		
		0.00	MH	Manhole: 01	00:02:19		
		0.00	WL	Water level, 20% of sewer height	00:02:19		
		82.50	MH	Manhole: 02	00:04:09		
		82.50	FH	Finish survey	00:04:09		
Depth: m 02							

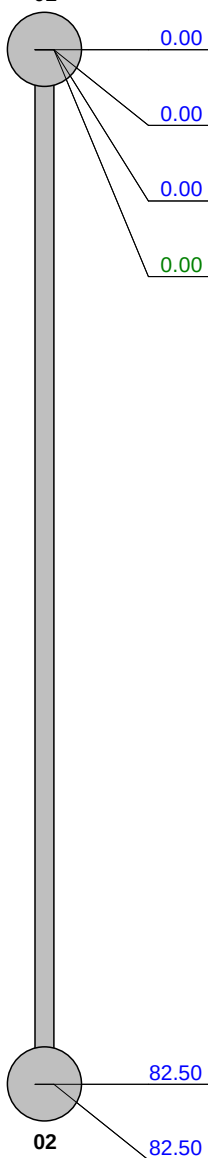
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Rehab - 27/04/2021 - 01X

Section 1	Inspection 1	Date 27/04/21	Time 9:49	Client's Job Ref Not Specified	Weather Dry	Pre Cleaned 0	PLR 01X
Operator JW		Vehicle VAN1		Camera 235	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Littleborough	Inspection Direction:	Downstream	Upstream Node:	01
Road:	Hollingworth Rd	Inspected Length:	82.50 m	Upstream Pipe Depth:	0
Location:	Fields	Total Length:	82.50 m	Downstream Node:	02
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	0

Comments:
Recommendations:

Scale: 1:603	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 01 						
	0.00	GO	General observation: HEAVY FAST FLOW	00:00:00		
	0.00	ST	Start of survey	00:02:19		
	0.00	MH	Manhole: 01	00:02:19		
	0.00	WL	Water level, 20% of sewer height	00:02:19		
	82.50	MH	Manhole: 02	00:04:09		
	82.50	FH	Finish survey	00:04:09		

Section Inspection - 27/04/2021 - 02X

Section	Inspection	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	1	27/04/21	9:58	Not Specified	Dry	0	02X
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID		
JW	VAN1	235	Not Specified	Not Specified	Not Specified		

Town or Village:	Littleborough	Inspection Direction:	Downstream	Upstream Node:	02
Road:	Hollingworth Rd	Inspected Length:	11.30 m	Upstream Pipe Depth:	
Location:	Fields	Total Length:	11.30 m	Downstream Node:	03
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Culverted watercourse	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	600 mm		
Flow Control:		Pipe Material:	Concrete		
Year Constructed:	Not Specified	Lining:	No Lining		
Inspection Purpose:	Associated with future capital scheme including Drainage Area Planning		Lining Material:	No Lining	

Comments:	
Recommendations:	

Scale:	1:98	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 02							
		0.00	GO	General observation: HEAVY FAST FLOW	00:00:00		
		0.00	ST	Start of survey	00:04:20		
		0.00	MH	Manhole: 02	00:04:20		
		0.00	WL	Water level, 20% of sewer height	00:04:20		
		11.30	MH	Manhole: 03	00:01:04		
		11.30	FH	Finish survey	00:01:05		
Depth: m 03							

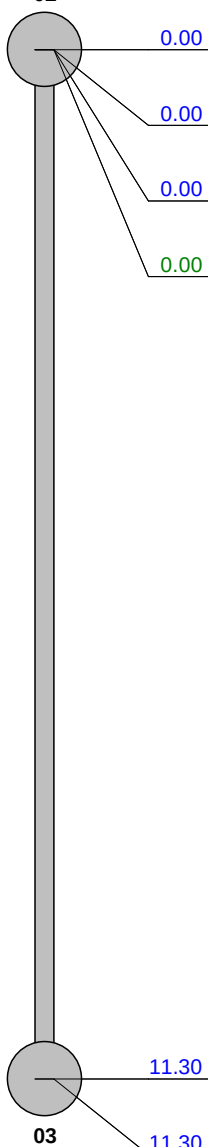
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Rehab - 27/04/2021 - 02X

Section 2	Inspection 1	Date 27/04/21	Time 9:58	Client's Job Ref Not Specified	Weather Dry	Pre Cleaned 0	PLR 02X
Operator JW		Vehicle VAN1		Camera 235	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Littleborough	Inspection Direction:	Downstream	Upstream Node:	02
Road:	Hollingworth Rd	Inspected Length:	11.30 m	Upstream Pipe Depth:	0
Location:	Fields	Total Length:	11.30 m	Downstream Node:	03
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	0

Comments:
Recommendations:

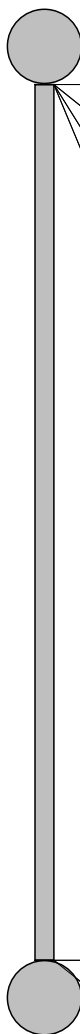
Scale: 1:83	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 02 						
	0.00	GO	General observation: HEAVY FAST FLOW	00:00:00		
	0.00	ST	Start of survey	00:04:20		
	0.00	MH	Manhole: 02	00:04:20		
	0.00	WL	Water level, 20% of sewer height	00:04:20		
	11.30	MH	Manhole: 03	00:01:04		
	11.30	FH	Finish survey	00:01:05		

Section Inspection - 27/04/2021 - 03X

Section	Inspection	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	27/04/21	10:05	Not Specified	Dry	0	03X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
JW		VAN1		235	Not Specified	Not Specified	Not Specified

Town or Village:	Littleborough	Inspection Direction:	Downstream	Upstream Node:	03
Road:	Hollingworth Rd	Inspected Length:	47.60 m	Upstream Pipe Depth:	
Location:	Fields	Total Length:	47.60 m	Downstream Node:	04
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Culverted watercourse			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	600 mm
Flow Control:				Pipe Material:	Concrete
Year Constructed:	Not Specified			Lining:	No Lining
Inspection Purpose:	Associated with future capital scheme including Drainage Area Planning			Lining Material:	No Lining

Comments:
Recommendations:

Scale:	1:411	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 03 							
		0.00	GO	General observation: HEAVY FAST FLOW	00:00:00		
		0.00	ST	Start of survey	00:01:15		
		0.00	MH	Manhole: 03	00:01:15		
		0.00	WL	Water level, 20% of sewer height	00:01:15		
		47.60	MH	Manhole: 04	00:02:29		
		47.60	FH	Finish survey	00:02:30		
Depth: m 04							

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 Rehab - 27/04/2021 - 03X

Section 3	Inspection 1	Date 27/04/21	Time 10:05	Client's Job Ref Not Specified	Weather Dry	Pre Cleaned 0	PLR 03X
Operator JW		Vehicle VAN1		Camera 235	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Littleborough	Inspection Direction:	Downstream	Upstream Node:	03
Road:	Hollingworth Rd	Inspected Length:	47.60 m	Upstream Pipe Depth:	0
Location:	Fields	Total Length:	47.60 m	Downstream Node:	04
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	0

Comments:
Recommendations:

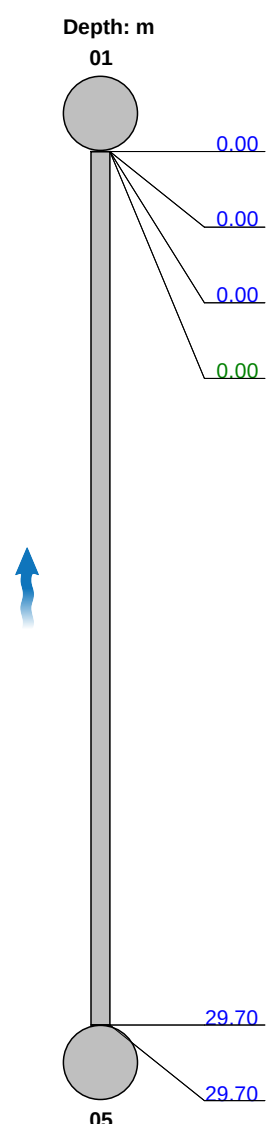
Scale: 1:348	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 03 0.00 0.00 0.00 0.00 GO ST MH WL General observation: HEAVY FAST FLOW Start of survey Manhole: 03 Water level, 20% of sewer height 00:00:00 00:01:15 00:01:15 00:01:15						
47.60 47.60 MH FH Manhole: 04 Finish survey 00:02:29 00:02:30						
Depth: m						

Section Inspection - 27/04/2021 - 05X

Section 4	Inspection 1	Date 27/04/21	Time 10:34	Client's Job Ref Not Specified	Weather Dry	Pre Cleaned 0	PLR 05X
Operator JW		Vehicle VAN1		Camera 235	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Littleborough	Inspection Direction:	Upstream	Upstream Node:	05
Road:	Hollingworth Rd	Inspected Length:	29.70 m	Upstream Pipe Depth:	
Location:	Fields	Total Length:	29.70 m	Downstream Node:	01
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Culverted watercourse			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	600 mm
Flow Control:				Pipe Material:	Concrete
Year Constructed:	Not Specified			Lining:	No Lining
Inspection Purpose:	Associated with future capital scheme including Drainage Area Planning			Lining Material:	No Lining

Comments:	
Recommendations:	

Scale:	1:257	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 01 							
		0.00	GO	General observation: HEAVY FAST FLOW	00:00:00		
		0.00	ST	Start of survey	00:02:39		
		0.00	MH	Manhole: 01	00:02:39		
		0.00	WL	Water level, 20% of sewer height	00:02:39		
		29.70	MH	Manhole: 05	00:03:01		
		29.70	FH	Finish survey	00:03:02		
Depth: m 05							

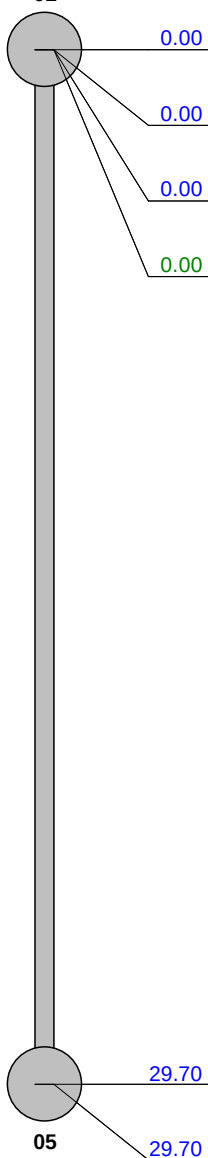
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Rehab - 27/04/2021 - 05X

Section 4	Inspection 1	Date 27/04/21	Time 10:34	Client's Job Ref Not Specified	Weather Dry	Pre Cleaned 0	PLR 05X
Operator JW		Vehicle VAN1		Camera 235	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Littleborough	Inspection Direction:	Upstream	Upstream Node:	05
Road:	Hollingworth Rd	Inspected Length:	29.70 m	Upstream Pipe Depth:	0
Location:	Fields	Total Length:	29.70 m	Downstream Node:	01
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	0

Comments:
Recommendations:

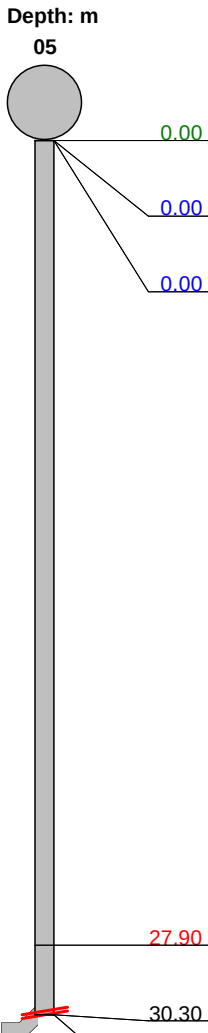
Scale: 1:217	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 01 						
	0.00	GO	General observation: HEAVY FAST FLOW	00:00:00		
	0.00	ST	Start of survey	00:02:39		
	0.00	MH	Manhole: 01	00:02:39		
	0.00	WL	Water level, 20% of sewer height	00:02:39		
	29.70	MH	Manhole: 05	00:03:01		
	29.70	FH	Finish survey	00:03:02		

Depth: m

Section Inspection - 27/04/2021 - ZZZX

Section	Inspection	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	1	27/04/21	11:25	Not Specified	Dry	0	ZZZX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
JW		VAN1		235	Not Specified	Not Specified	Not Specified

Town or Village:	Littleborough	Inspection Direction:	Upstream	Upstream Node:	ZZZ
Road:	Hollingworth Rd	Inspected Length:	30.30 m	Upstream Pipe Depth:	
Location:	Fields	Total Length:	30.30 m	Downstream Node:	05
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Culverted watercourse			Pipe Shape:	Square
Type of Pipe:				Dia/Height:	900 mm
Flow Control:				Width:	900 mm
Year Constructed:	Not Specified			Pipe Material:	Other (state in Comments)
Inspection Purpose:	Associated with future capital scheme including Drainage Area Planning			Lining:	No Lining
Lining Material:				Lining Material:	No Lining
Comments:	STONE				
Recommendations:					

Scale:	1:262	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		05					
		0.00	WL	Water level, 20% of sewer height	00:00:00		
		0.00	ST	Start of survey	00:29:09		
		0.00	MH	Manhole: 05	00:29:09		
		27.90	B	Broken sewer from 11 o'clock to 1 o'clock: SLAB BROKEN	00:02:36	ZZZX_e4a6e72c-c616-483d-9fd	4
		30.30	CNI	Connection, intruding at 3 o'clock, 225mm diameter, 200mm intruding	00:04:24	ZZZX_c4718e43-bf3e-4306-81	5
		30.30	SA	Survey abandoned: DUE TO INTRUDING CONNECTION	00:04:30		

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	80.0	0.0	80.0	4.0	1	10.0	0.0	10.0	5.0

Section Pictures - 27/04/2021 - ZZZX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	ZZZX		



ZZZX_e4a6e72c-c616-483d-9fda-125620884cf1_20210427_1
12813_967.jpg, 00:02:36, 27.90 m
Broken sewer from 11 o'clock to 1 o'clock, SLAB BROKEN

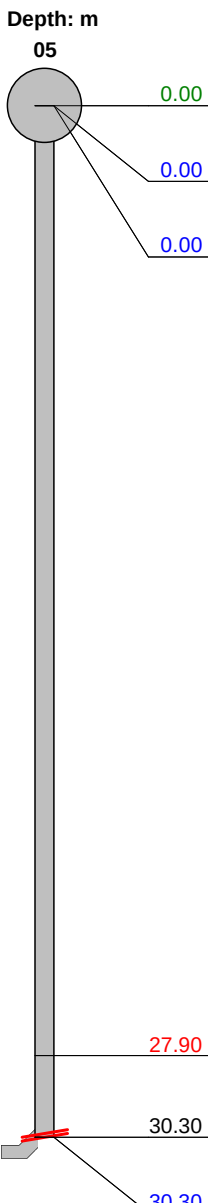


ZZZX_c4718e43-bf3e-4306-81df-7f17a0411a36_20210427_1
13023_517.jpg, 00:04:24, 30.30 m
Connection, intruding at 3 o'clock, 225mm diameter, 200mm intruding

Section Rehab - 27/04/2021 - ZZZX

Section 5	Inspection 1	Date 27/04/21	Time 11:25	Client's Job Ref Not Specified	Weather Dry	Pre Cleaned 0	PLR ZZZX
Operator JW		Vehicle VAN1		Camera 235	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Littleborough	Inspection Direction:	Upstream	Upstream Node:	ZZZ
Road:	Hollingworth Rd	Inspected Length:	30.30 m	Upstream Pipe Depth:	0
Location:	Fields	Total Length:	30.30 m	Downstream Node:	05
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	0
Comments:	STONE				
Recommendations:					

Scale: 1:222	Position [m]	Code	Observation	MPEG	Photo	Grade
						
	0.00	WL	Water level, 20% of sewer height	00:00:00		
	0.00	ST	Start of survey	00:29:09		
	0.00	MH	Manhole: 05	00:29:09		
	27.90	B	Broken sewer from 11 o'clock to 1 o'clock: SLAB BROKEN	00:02:36		4
	30.30	CNi	Connection, intruding at 3 o'clock, 225mm diameter, 200mm intruding	00:04:24		5
	30.30	SA	Survey abandoned: DUE TO INTRUDING CONNECTION	00:04:30		



Project Name HOLLINGWORTH RD, LITTLEBOROUGH	Project Number	Project Date 27/04/2021
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Group	Count
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Date	Time	Location	Weather	Wind	Temp	Humidity	Pressure	Visibility	Remarks



Inspection Summary

Project Name
HOLLINGWORTH RD, LITTLEBOROUGH

Project Number

Project Date
27/04/2021

Node from:

Node to:

Section height:

Section length:

Inspected length:

Abandoned: