

Project

Project Name: TEST JOB - WINCAN SURVEY
Project Description: SITE DRAINAGE SURVEY
Project Number: TEST JOB 001
Project Status: Complete
Project Date: 26/11/2021



Table of Contents

Project Name	Project Number	Project Date
TEST JOB - WINCAN SURVEY	TEST JOB 001	26/11/2021

Project Information	P-1
Project Pictures	P-5
Section Item 1: BRANCH A - INTERNAL STACK > M/H1 (BRANCH A - INTERNAL STACKX) ..	1
Section Item 2: BRANCH B - INSPECTION CHAMBER > M/H1 (BRANCH B - INSPECTION CHAMBERX) ..	3
Section Item 4: MAINLINE > M/H1 (MAINLINE X)	5
Section Item 5: M/H1 > MAINLINE - M/H2 (M/H1X)	7
Section Item 6: BRANCH A - INTERNAL STACK > M/H2 (BRANCH A - INTERNAL STACKX) ..	9
Section Item 7: BRANCH B > M/H2 (BRANCH BX)	12
Section Item 8: M/H2 > MAINLINE - M/H1/CNUMBER 18 DRIVEWAY (M/H2X)	15

Project Information

Project Name
TEST JOB - WINCAN SURVEY

Project Number
TEST JOB 001

Project Date
26/11/2021

Site

Company: TEST JOB - WINCAN SURVEY
Street: XXXX
Town or City: XXXX
County: XXXX
Post Code: XXX XXX

Contractor

Company: Aspect
Street: E7 Barwell Business Park
Town or City: Chessington
County: Greater London
Post Code: KT9 2NY
Phone: 020 3930 1538

Project Information

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TEST JOB - WINCAN SURVEY	TEST JOB 001	26/11/2021

Project Notes

CONCLUSION:

The closed-circuit television survey was carried out for suspected issues causing repeated blockages.

The survey has revealed some structural defects to the drainage system such as circumferential cracks on branch a - M/H 2, we did note that the system is linked with the neighbouring property, they had a interceptor drain on the front drive that was blocked. The blockage was cleared, and flow was restored to the drainage system.

We have submitted an on-site agreement with all remedial works should you have any queries please do not hesitate to contact us.

We look forward to receiving your further instructions.

PLEASE NOTE: THE MEASUREMENTS IN OUR REPORTS OR ON OUR RECORDINGS ARE TO BE USED AS A GUIDELINE ONLY.

Project Information

Project Name
TEST JOB - WINCAN SURVEY

Project Number
TEST JOB 001

Project Date
26/11/2021

Drawing Legend

	Air Admittance Valve		Soakway (Foul Water)		Soakway (Rain Water)
	Basin		Squat Toilet		Collapse
	Bath		Sub Stack		Connector Node
	Bidet		Toilet		Manhole (Combined)
	Dishwasher		Urinal Bowl		Lamphole
	Grease Trap		Urinal Tray		Inspection Chamber (Combined)
	Gully (Foul Water)		Soil & Vent Pipe		Non Return Valve
	Manhole (Foul Water)		Washing Machine		Rodding Eye
	Inspection Chamber (Foul Water)		Catchpit		Sampling Point
	Oil Interceptor		Gully (Rain Water)		Excavation Pit
	Petrol Interceptor		Inlet		Flowers
	Pipe Trap		Manhole (Rain Water)		Grass
	Pumping Chamber		Inspection Chamber (Rain Water)		Other
	Septic Tank		Outlet		Tree (Side)
	Shower		Rainwater Downpipe		Tree (Top)
	Sink		Roadside Gully		

Project Name
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[illegible]

PLEASE NOTE DRAWING NOT TO SCALE.

Project Pictures

Project Name	Project Number	Project Date
TEST JOB - WINCAN SURVEY	TEST JOB 001	26/11/2021



FRONT OF PROPERTY



MANHOLE 2 OVERVIEW



MANHOLE 1 OVERVIEW

Section Inspection - 18/11/2021 - BRANCH A - INTERNAL STACKX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	18/11/21	11:12	Not Specified	No Rain Or Snow	No	BRANCH A - INTERNAL STACKX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
DAN GREEN		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Morden	Inspection Direction:	Upstream	Upstream Node:	BRANCH A - INTERNAL STACKX
Road:	Davidson Road	Inspected Length:	3.88 m	Upstream Pipe Depth:	0.000 m
Location:	Under a building	Total Length:	3.88 m	Downstream Node:	M/H 1
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.470 m

Use:	Foul	Pipe Shape:	
Type of Pipe:		Dia/Height:	100 mm
Flow Control:		Material:	Polyvinyl chloride
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: 1	00:00:02	20211118-111324-sn ap0000.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04		
		0.04	LL	Line deviates left	00:00:14	20211118-111324-sn ap0001.jpg	
		2.32	JN	Junction at 9 o'clock, 100mm dia	00:00:31	20211118-111324-sn ap0002.jpg	
		3.42	LU	Line deviates up	00:00:50		
		3.88	REF	Finish node, rodding eye, reference: BRANCH A - INTERNAL STACK	00:01:02	20211118-111324-sn ap0003.jpg	

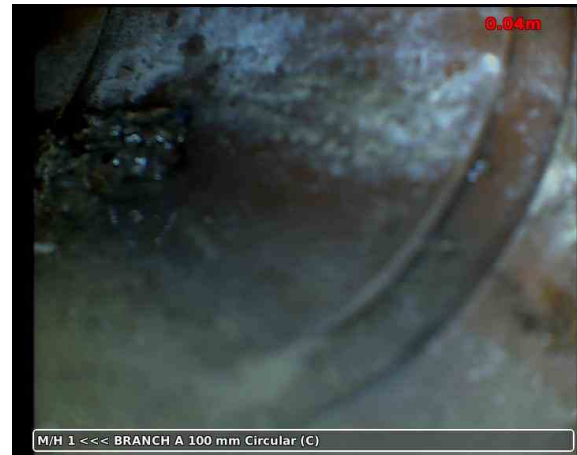
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 18/11/2021 - BRANCH A - INTERNAL STACKX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	BRANCH A - INTERNAL		



20211118-111324-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: 1



20211118-111324-snap0001.jpg, 00:00:14, 0.04 m
Line deviates left



20211118-111324-snap0002.jpg, 00:00:31, 2.32 m
Junction at 9 o'clock, 100mm dia



20211118-111324-snap0003.jpg, 00:01:02, 3.88 m
Finish node, rodding eye, reference: BRANCH A - INTERNAL STACK

Section Inspection - 18/11/2021 - BRANCH B - INSPECTION CHAMBERX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	2	18/11/21	11:17	Not Specified	No Rain Or Snow	No	BRANCH B - INSPECTION CHAMBERX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
DAN GREEN		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Morden	Inspection Direction:	Upstream	Upstream Node:	BRANCH B - INSPECT
Road:	Davidson Road	Inspected Length:	5.43 m	Upstream Pipe Depth:	0.000 m
Location:	Under a building	Total Length:	5.43 m	Downstream Node:	M/H 1
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.470 m
Use:	Foul	Pipe Shape:			
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Polyvinyl chloride		
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: 0.47 m M/H 1							
	0.00	MH		Start node, manhole, reference: 1	00:00:02	20211118-111716-sn ap0000.jpg	
	0.00	WL		Water level, 0% of the vertical dimension	00:00:03		
	3.99	JN		Junction at 9 o'clock, 100mm dia	00:00:30	20211118-111716-sn ap0001.jpg	
	5.43	ICF		Finish node, inspection chamber, reference: BRANCH B - INSPECTION CHAMBER	00:00:51	20211118-111716-sn ap0002.jpg	
BRANCH B - INSPECTION Depth: 0.00 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 18/11/2021 - BRANCH B - INSPECTION CHAMBERX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	BRANCH B - INSPECTION		



20211118-111716-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: 1



20211118-111716-snap0001.jpg, 00:00:30, 3.99 m
Junction at 9 o'clock, 100mm dia



20211118-111716-snap0002.jpg, 00:00:51, 5.43 m
Finish node, inspection chamber, reference: BRANCH B -
INSPECTION CHAMBER

Section Inspection - 18/11/2021 - MAINLINEX

Item No. 4	Insp. No. 4	Date 18/11/21	Time 12:15	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MAINLINEX
Operator DAN GREEN		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Morden	Inspection Direction:	Upstream	Upstream Node:	MAINLINE
Road:	Davidson Road	Inspected Length:	2.39 m	Upstream Pipe Depth:	0.000 m
Location:	Under a building	Total Length:	2.39 m	Downstream Node:	M/H1
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.470 m
Use:	Foul	Pipe Shape:			
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Polyvinyl chloride		
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: M/H1	00:00:02	20211118-121526-sn ap0000.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04		
		0.04	LU	Line deviates up	00:00:20		
		0.30	MCVC	Pipe material changes to vitrified clay at this point	00:00:27	20211118-121526-sn ap0001.jpg	
		2.17	DECJ	Settled deposits, hard or compacted at joint, 35% cross-sectional area loss	00:00:49	20211118-121526-sn ap0002.jpg	4
		2.39	SA	Survey abandoned: UNABLE TO PASS BUILD UP	00:01:09		

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	1	5.0	2.1	5.0	4.0

Section Pictures - 18/11/2021 - MAINLINEX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	MAINLINEX		



20211118-121526-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: M/H1



20211118-121526-snap0001.jpg, 00:00:27, 0.30 m
Pipe material changes to vitrified clay at this point



20211118-121526-snap0002.jpg, 00:00:49, 2.17 m
Settled deposits, hard or compacted at joint, 35% cross-sectional area loss

Section Inspection - 18/11/2021 - M/H 1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	5	18/11/21	12:17	Not Specified	No Rain Or Snow	No	M/H 1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
DAN GREEN		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Morden	Inspection Direction:	Downstream	Upstream Node:	M/H 1
Road:	Davidson Road	Inspected Length:	2.09 m	Upstream Pipe Depth:	0.470 m
Location:	Under a building	Total Length:	2.09 m	Downstream Node:	MAINLINE - M/H2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.000 m
Use:	Foul	Pipe Shape:		Dia/Height:	100 mm
Type of Pipe:		Material:		Lining Type:	No Lining
Flow Control:		Lining Material:			No Lining
Year Constructed:	Not Specified				
Inspection Purpose:					

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: 1	00:00:02	20211118-121754-sn ap0000.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04		
		2.09	MHF	Finish node, manhole, reference: MAINLINE - M/H2	00:00:24	20211118-121754-sn ap0001.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 - 18/11/2021 - M/H 1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	M/H 1X		



20211118-121754-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: 1



20211118-121754-snap0001.jpg, 00:00:24, 2.09 m
Finish node, manhole, reference: MAINLINE - M/H2

Section Inspection - 18/11/2021 - BRANCH A - INTERNAL STACKX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
6	6	18/11/21	12:21	Not Specified	No Rain Or Snow	No	BRANCH A - INTERNAL STACKX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
DAN GREEN		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Morden	Inspection Direction:	Upstream	Upstream Node:	BRANCH A - INTERNAL STACKX
Road:	Davidson Road	Inspected Length:	2.36 m	Upstream Pipe Depth:	0.000 m
Location:	Under a building	Total Length:	2.36 m	Downstream Node:	M/H 2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.550 m

Use:	Foul	Pipe Shape:	
Type of Pipe:		Dia/Height:	100 mm
Flow Control:		Material:	Vitrified clay
Year Constructed:	Not Specified	Lining Type:	No Lining
Inspection Purpose:		Lining Material:	No Lining

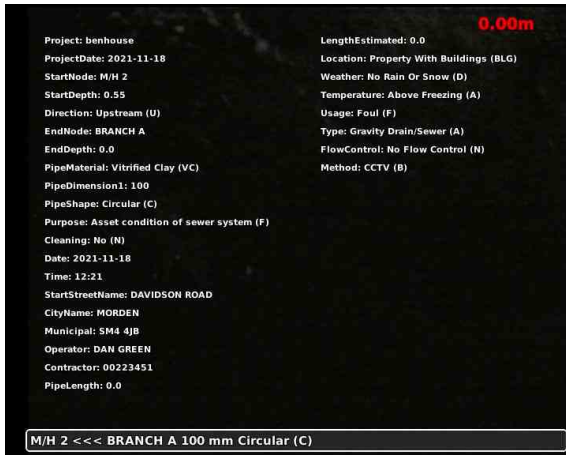
Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.55 m M/H 2							
	0.00	MH		Start node, manhole, reference: 2	00:00:02	20211118-122214-sn ap0000.jpg	
	0.00	WL		Water level, 0% of the vertical dimension	00:00:03		
	0.19	CC		Crack, circumferential from 12 o'clock to 12 o'clock	00:00:12	20211118-122214-sn ap0001.jpg	2 / 2
	0.57	CCJ		Crack, circumferential at joint from 12 o'clock to 12 o'clock	00:00:24	20211118-122214-sn ap0002.jpg	2 / 2
	0.57	JN		Junction at 3 o'clock, 100mm dia	00:00:34	20211118-122214-sn ap0003.jpg	
	2.01	LU		Line deviates up	00:01:18		
	2.36	REF		Finish node, rodding eye, reference: BRANCH A - INTERNAL STACK	00:01:40	20211118-122214-sn ap0004.jpg	
BRANCH A - INTERNAL STACK Depth: 0.00 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	10.0	8.5	20.0	2.0	2	1.0	0.8	2.0	2.0

Section Pictures - 18/11/2021 - BRANCH A - INTERNAL STACKX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	BRANCH A - INTERNAL		



20211118-122214-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: 2



20211118-122214-snap0001.jpg, 00:00:12, 0.19 m
Crack, circumferential from 12 o'clock to 12 o'clock



20211118-122214-snap0002.jpg, 00:00:24, 0.57 m
Crack, circumferential at joint from 12 o'clock to 12 o'clock



20211118-122214-snap0003.jpg, 00:00:34, 0.57 m
Junction at 3 o'clock, 100mm dia

Section Pictures - 18/11/2021 - BRANCH A - INTERNAL STACKX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	BRANCH A - INTERNAL		



20211118-122214-snap0004.jpg, 00:01:40, 2.36 m
Finish node, rodding eye, reference: BRANCH A - INTERNAL
STACK

Section Inspection - 18/11/2021 - BRANCH BX

Item No. 7	Insp. No. 7	Date 18/11/21	Time 12:25	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH BX
Operator DAN GREEN		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Morden	Inspection Direction:	Upstream	Upstream Node:	BRANCH B
Road:	Davidson Road	Inspected Length:	6.76 m	Upstream Pipe Depth:	0.000 m
Location:	Under a building	Total Length:	6.76 m	Downstream Node:	M/H 2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.550 m
Use:	Foul	Pipe Shape:			
Type of Pipe:		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:	1:59	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.55 m M/H 2							
	0.00	MH		Start node, manhole, reference: 2	00:00:02	20211118-122550-sn ap0000.jpg	
	0.00	WL		Water level, 0% of the vertical dimension	00:00:02		
	0.30	LL		Line deviates left	00:00:12	20211118-122550-sn ap0001.jpg	
	0.46	S01	CUW	Loss of vision, camera under water, start	00:00:18	20211118-122550-sn ap0002.jpg	
	1.03	F01	CUW	Loss of vision, camera under water, finish	00:00:32		
	4.90	MCPVC		Pipe material changes to polyvinyl chloride at this point	00:01:00	20211118-122550-sn ap0003.jpg	
	5.85	LL		Line deviates left	00:01:09	20211118-122550-sn ap0004.jpg	
	6.76	OFF		Finish node, outfall, reference: BRANCH B	00:01:37	20211118-122550-sn ap0005.jpg	
BRANCH B Depth: 0.00 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 18/11/2021 - BRANCH BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	BRANCH BX		



20211118-122550-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: 2



20211118-122550-snap0001.jpg, 00:00:12, 0.30 m
Line deviates left



20211118-122550-snap0002.jpg, 00:00:18, 0.46 m
Loss of vision, camera under water, start



20211118-122550-snap0003.jpg, 00:01:00, 4.90 m
Pipe material changes to polyvinyl chloride at this point

Section Pictures - 18/11/2021 - BRANCH BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	BRANCH BX		



20211118-122550-snap0004.jpg, 00:01:09, 5.85 m
Line deviates left



20211118-122550-snap0005.jpg, 00:01:37, 6.76 m
Finish node, outfall, reference: BRANCH B

Section Inspection - 18/11/2021 - M/H2X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
8	8	18/11/21	12:28	Not Specified	No Rain Or Snow	No	M/H2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
DAN GREEN		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Morden	Inspection Direction:	Downstream	Upstream Node:	M/H2
Road:	Davidson Road	Inspected Length:	16.45 m	Upstream Pipe Depth:	0.550 m
Location:	Under a building	Total Length:	16.45 m	Downstream Node:	MAINLINE - M/H I/C NUMBER 18
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.000 m
Use:	Foul	Pipe Shape:		Dia/Height:	100 mm
Type of Pipe:		Material:		Lining Type:	No Lining
Flow Control:		Lining Material:			No Lining
Year Constructed:	Not Specified				
Inspection Purpose:					

Comments:
Recommendations:

Scale:	1:142	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.55 m M/H2							
	0.00	MH		Start node, manhole, reference: M/H2	00:00:02	20211118-122831-sn ap0000.jpg	
	0.00	WL		Water level, 0% of the vertical dimension	00:00:03		
	0.27	S01	CUW	Loss of vision, camera under water, start	00:00:12	20211118-122831-sn ap0001.jpg	
	4.48	REM		General remark: CLEARED I/C IN NUMBER 18	00:00:41	20211118-122831-sn ap0002.jpg	
	4.52	F01	CUW	Loss of vision, camera under water, finish	00:00:57		
	16.45	MHF		Finish node, manhole, reference: 18	00:02:11	20211118-122831-sn ap0003.jpg	
MAINLINE - M/H I/C NUMBER 18 Depth: 0.00 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 18/11/2021 - M/H2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	M/H2X		



20211118-122831-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: M/H2



20211118-122831-snap0001.jpg, 00:00:12, 0.27 m
Loss of vision, camera under water, start



20211118-122831-snap0002.jpg, 00:00:41, 4.48 m
General remark, CLEARED I/C IN NUMBER 18



20211118-122831-snap0003.jpg, 00:02:11, 16.45 m
Finish node, manhole, reference: 18