

Project

Project Name: N10_2PU

Project Description: WinCan Import in Miraculix WRc4 Standard

Project Date: 22/10/2021

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Project Information

Project Name
N10_2PU

Project Number

Project Date
22/10/2021

Client

Street: 40 Dukes Avenue
Town or City: London
Post Code: N10 2PU

Contractor

Company: JSD Solutions 24/7 Ltd
Contact: Jamie Snow
Street: Athene House, Suite J, 86 The Broadway
Town or City: Mill Hill, London
Post Code: NW7 3TD
Phone: 0207 125 0295
Mobile: 07946 480 288
Email: Jamie@jsnowdrainagelondon.co.uk

Scoring Summary

Project Name
N10_2PU

Project Number

Project Date
22/10/2021

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
1	SVP1X	3	Cracks, multiple from 10 o'clock to 3 o'clock
4	RWG1X	4	Fracture, multiple from 12 o'clock to 12 o'clock, finish

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
1	SVP1X	3	Attached deposits, fouling from 4 o'clock to 8 o'clock, 10% cross-sectional area loss, finish
2	SVP2X	5	Other obstacles in invert from 12 o'clock to 12 o'clock, 20% cross-sectional area loss
3	MH01X	3	Multiple defects
4	RWG1X	5	Settled deposits, fine, 90% cross-sectional area loss

Abandoned Surveys

Section	PLR	Description
2	SVP2X	Survey abandoned
4	RWG1X	Survey abandoned

Information

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

Section Profile

Project Name
N10_2PU

Project Number

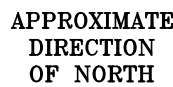
Project Date
22/10/2021

Circular, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Pipe Material	Total Length	Inspected Length
1	SVP1	MH01	14/10/2021	40 DUKES AVENUE	Vitrified clay pipe (i.e. all clayware)	3.76 m	3.76 m
2	SVP2	MH01	14/10/2021	40 DUKES AVENUE	Vitrified clay pipe (i.e. all clayware)	0.46 m	0.46 m
3	MH01	MH02	14/10/2021	40 DUKES AVENUE	Vitrified clay pipe (i.e. all clayware)	12.50 m	12.50 m
4	RWG1	MH02	14/10/2021	40 DUKES AVENUE	Vitrified clay pipe (i.e. all clayware)	17.06 m	17.06 m

Total: 4 Inspections x Circular 100 mm = 33.78 m Total Length and 33.78 m Inspected Length

Total: 4 Inspections = 33.78 m Total Length and 33.78 m Inspected Length



APPROXIMATE
DIRECTION
OF NORTH



KEY:

Foul Drain

Rain/Surface Water 

Combined 

Assumed / Unable to Survey /
Not Surveyed 

Red = Redundant Pipe
UTS = Unable to Survey

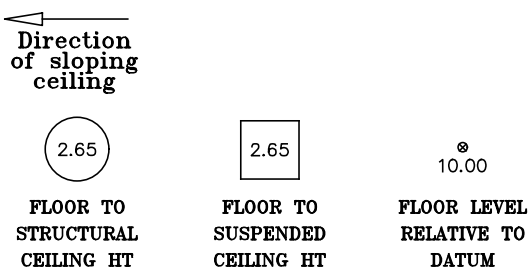
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Job No\Code\Dwg type\Location\Ref

Standard Abbreviations (where applicable):

AB	AIR BRICK	B	BOLLARD
AC	AIR CONDITIONING UNIT	B8	BERLINA BEACON
AD	ACCESS HATCH	B9	BUS STOP
AF	ACCESS PANEL	B8H	B.T. SHEET
AV	AIR VALVE	B2H	B.S. OVERLIER
BH	BELL	CAM	CAMERA
BL	BOILER	CATV	CABLE TV COVER
CB	CABLE OFFSET LEVEL	CD	COVER LEAD
CC	CUPBOARD	ELEC	ELECTRIC CABLE
CC	CRILING CHANGE	EP	ELECTRIC POLE
CH	CHASSIS INTERIOR HT	FA	FAIRBIE ROOF
C-A	CABLE TO CABLE	FW	FLAG POLE
C-H	CABLE TO HEAD HT	GU	GULL
D	DOOR	GV	GLASS VALVE
DE	DOOR BASE HT	GY	GYRE EVGANT
DR	DRAIN	IC	ILLUMINATED BOLLARD
EXF	EXTRACTOR FAN	IB	INSPECTION COVER
F	FLOOR	IN	INVERT LEAD
F-A	FLOOR TO CABLE HT	LP	LAMP POST
F-H	FLOOR TO CABLE HT	MAN	MANHOLE
F-S	FLOOR TO SPRING HT	MKR	MARKER POST
G	GROSS	P	Pipe
GE	GROSS INTERNAL AREA	P	PARTING METER
GIA	GROSS INTERNAL AREA	P	PIPE
GU	GULLY	PLI	PLY
HT	HOT	R	ROOFING TILE
HT	HOT WATER TANK	RS	ROAD SIGN
NIA	NET INTERNAL AREA	RWP	RAIN WATER PILE
NIS	NET SURFACE	S	SIG
RAD	RADIATOR	SI	SIGN BOARD
RH	RAISED HEAD HEIGHT	SL	SLOPE
RFV	RAISED FLOOR LEVEL	SV	SOFT VALVE
RFL	ROOF LIGHT	SV	SOFT VALVE
RSH	ROOF SHEET	SV	SOFT VALVE
RWP	RAIN WATER PILE	SW	STORM WATER
S	SWITCH	TCB	TRAFFIC LIGHT BOX
SET	SEWAGE TREATMENT	TE	TELEGRAPH POLE
SV	SOFT VALVE	U	UNABLE TO LOCATE
W	WATER	UTR	UNABLE TO RAISE
WD	WADROBE	VP	VENT PIPE
		W	WATER METER
		WT	WATER PILE

Symbols (where applicable):



Notes:

- The Survey has been computed on an arbitrary grid.
- All Levels are in metres and relate to an arbitrary site datum.
- Front door step. Value 9.23m
- All direction arrows indicate DOWN unless otherwise stated.
- Drainage pipe sizes (where shown) have been gauged from the surface (for safety reasons) and should be regarded as approximate only.
- Visible features in the vicinity of any boundaries, as shown on this survey, may not represent the extent of legally conveyed ownership.
- Whilst every effort has been made to determine wall materials, no guarantee is given. Materials should be regarded as assumed unless verified by a qualified third party.

Rev	Date	By	Description
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Client: MRS SARAH LENOFF

Project: 40 DUKES AVENUE
LONDON N10 2PU

Drawing Title:
EXISTING TOPOGRAPHICAL
SURVEY

Date: 17.03.21	Scale: 1:100@A1	Surveyor: AIB	Drawn: CT	Checked APS
Job No: 20107	Drawing No: 20107-13-B-T	Sheet No: 1 OF 11		Rev:

Section Inspection - 14/10/2021 - SVP1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	14/10/21	9:09	01	No Rain Or Snow	No	SVP1X
Operator J SNOW		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	London	Inspection Direction:	Upstream	Upstream Node:	SVP1
Road:	40 Dukes Avenue	Inspected Length:	3.76 m	Upstream Pipe Depth:	0.000 m
Location:	Other (state in comments)	Total Length:	3.76 m	Downstream Node:	MH01
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.380 m
Use:	Foul		Pipe Shape:	Circular	
Type of Pipe:	Gravity drain/sewer		Dia/Height:	100 mm	
Flow Control:	No flow control		Pipe Material:	Vitrified clay pipe (i.e. all clayware)	
Year Constructed:	Not Specified		Lining Type:	No Lining	
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	WC for ground floor flat & Kitchen waste - Defects and Grease/Fouling waste observed in line				
Recommendations:	Jet clean line & Re Survey				

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.38 m MH01 Depth: 0.00 m SVP1							
	0.00	S01	DEF	Attached deposits, fouling from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:00		
	0.00	GP	GP	General photograph taken at this point	00:00:03	20211014-091209-sn ap0000.jpg	
	0.76	CM	CM	Cracks, multiple from 10 o'clock to 3 o'clock	00:00:22	SVP1X_6a e17ec4-04 10-47f2-bb	3
	1.06	F01	DEF	Attached deposits, fouling from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:31		2
	1.06	S02	DEF	Attached deposits, fouling from 4 o'clock to 8 o'clock, 10% cross-sectional area loss, start	00:00:31	SVP1X_32 79481a-6e bf-45f4-9a	
	2.85	GP	GP	General photograph taken at this point	00:00:58	SVP1X_b5 4880a2-ef b0-4891-a	
	3.08	JDM	JDM	Joint displaced, medium	00:01:02		1
	3.46	JDM	JDM	Joint displaced, medium	00:01:10	SVP1X_74 e076ed-97 d1-4dff-ad	1
	3.60	LU	LU	Line deviates up	00:01:10		
	3.76	F02	DEF	Attached deposits, fouling from 4 o'clock to 8 o'clock, 10% cross-sectional area loss, finish	00:01:21		3
	3.76	BRF	BRF	Finish node, major connection without manhole, reference: SVP1	00:01:22	20211014-091209-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
3	40.0	11.2	42.0	3.0	2	3.0	2.1	8.0	3.0

Section Pictures - 14/10/2021 - SVP1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	SVP1X	01	



20211014-091209-snap0000.jpg, 00:00:03, 0.00 m
General photograph taken at this point



SVP1X_6ae17ec4-0410-47f2-bb4d-7cc238f35450_20211022_125822_076.jpg, 00:00:22, 0.76 m
Cracks, multiple from 10 o'clock to 3 o'clock



SVP1X_3279481a-6ebf-45f4-9add-3eb2347fad0f_20211022_125852_614.jpg, 00:00:31, 1.06 m
Attached deposits, fouling from 4 o'clock to 8 o'clock, 10%



SVP1X_b54880a2-efb0-4891-a050-7757cb00c903_20211022_125929_899.jpg, 00:00:58, 2.85 m
General photograph taken at this point



SVP1X_74e076ed-97d1-4dff-ad26-a122c59b6a12_20211022_125958_433.jpg, 00:01:10, 3.46 m
Joint displaced, medium

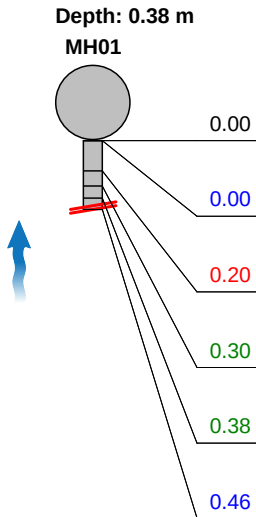


20211014-091209-snap00001.jpg, 00:01:22, 3.76 m
Finish node, major connection without manhole, reference: SVP1

Section Inspection - 14/10/2021 - SVP2X

Item No. 2	Insp. No. 2	Date 14/10/21	Time 9:15	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR SVP2X
Operator J SNOW		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	London	Inspection Direction:	Upstream	Upstream Node:	SVP2
Road:	40 Dukes Avenue	Inspected Length:	0.46 m	Upstream Pipe Depth:	0.000 m
Location:	Other (state in comments)	Total Length:	0.46 m	Downstream Node:	MH01
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.380 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		
Comments:	First floor flat SVP - Appears to be a pipe reducer wedged in pipe				
Recommendations:	Attempt to manually retrieve pipe reducer- Urgent				

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH01	00:00:00	20211014-091654-sn ap0000.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.20	JDM	Joint displaced, medium	00:00:07	SVP2X_0a 6b6b05-b7 83-422c-a	1
		0.30	LU	Line deviates up	00:00:07		
		0.38	OBX	Other obstacles in invert from 12 o'clock to 12 o'clock, 20% cross-sectional area loss: PIPE REDUCER?	00:00:12		5
		0.46	SA	Survey abandoned: REDUCER	00:00:17	20211014-091654-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
1	1.0	2.2	1.0	1.0	1	10.0	21.9	10.0	5.0

Section Pictures - 14/10/2021 - SVP2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	SVP2X	01	



20211014-091654-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH01



SVP2X_0a6b6b05-b783-422c-a79e-3e20b094f40f_20211022_130152_770.jpg, 00:00:07, 0.20 m
Joint displaced, medium



20211014-091654-snap0001.jpg, 00:00:17, 0.46 m
Survey abandoned, REDUCER

Section Inspection - 14/10/2021 - MH01X

Item No. 3	Insp. No. 3	Date 14/10/21	Time 9:17	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MH01X
Operator J SNOW		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	London	Inspection Direction:	Downstream	Upstream Node:	MH01
Road:	40 Dukes Avenue	Inspected Length:	12.50 m	Upstream Pipe Depth:	0.380 m
Location:	Other (state in comments)	Total Length:	12.50 m	Downstream Node:	MH02
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.480 m
Use:	Foul		Pipe Shape:	Circular	
Type of Pipe:	Gravity drain/sewer		Dia/Height:	100 mm	
Flow Control:	No flow control		Pipe Material:	Vitrified clay pipe (i.e. all clayware)	
Year Constructed:	Not Specified		Lining Type:	No Lining	
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	Multiple defects and Limescale/Fouling waste observed in line				
Recommendations:	Jet clean line & Re Survey				

Scale:	1:90	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.38 m 							
		0.00	MH	Start node, manhole, reference: MH01	00:00:00	20211014-091813-sn ap0000.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
		0.00	S01	DEE Attached deposits, encrustation from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, start	00:00:09		
		1.03	CC	Crack, circumferential from 9 o'clock to 3 o'clock	00:00:20	MH01X_4 0a3c49b-4 962-4c0f-b	2
		1.03	WL	Water level, 10% of the vertical dimension	00:00:20		
		1.44	DEF	Attached deposits, fouling from 4 o'clock to 8 o'clock, 20% cross-sectional area loss	00:00:32	MH01X_9 5c10f1f-f9 dc-46dc-a	3
		3.57	JDM	Joint displaced, medium	00:01:00	MH01X_1 27c206e-3 bd1-4cde-	1
		4.22	CC	Crack, circumferential from 2 o'clock to 9 o'clock	00:01:13	MH01X_fa 3bcc3c-5d b5-4e46-bf	2
		4.90	CC	Crack, circumferential from 8 o'clock to 3 o'clock	00:01:21		2
		5.55	JDM	Joint displaced, medium	00:01:31	MH01X_3 ab42e01-a 17c-47f4-9	1
		5.55	CC	Crack, circumferential from 8 o'clock to 12 o'clock	00:01:31		2
		7.90	CC	Crack, circumferential from 11 o'clock to 3 o'clock	00:02:06		2
		9.65	WL	Water level, 20% of the vertical dimension	00:02:23	MH01X_e ea5dcf7-0 3f2-49a5-8	
		10.07	F01	DEE Attached deposits, encrustation from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, finish	00:02:28		2
		10.07	S02	DEF Attached deposits, fouling from 4 o'clock to 8 o'clock, 15% cross-sectional area loss, start	00:02:28	MH01X_2 2aa77ff-57 50-454c-9	

Section Inspection - 14/10/2021 - MH01X

Item No. 3	Insp. No. 3	Date 14/10/21	Time 9:17	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MH01X
Operator J SNOW		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Scale: 1:90 Position [m] 10.79 12.30 12.50 MH02 Depth: 2.48 m									

Section Pictures - 14/10/2021 - MH01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH01X	01	



20211014-091813-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH01



MH01X_40a3c49b-4962-4c0f-bb8d-987e9e914974_20211022_130436_754.jpg, 00:00:20, 1.03 m
Crack, circumferential from 9 o'clock to 3 o'clock



MH01X_95c10f1f-f9dc-46dc-ab4a-b366b9cac30f_20211022_130502_471.jpg, 00:00:32, 1.44 m
Attached deposits, fouling from 4 o'clock to 8 o'clock, 20%



MH01X_127c206e-3bd1-4cde-be04-58b3ed858ab7_20211022_130538_274.jpg, 00:01:00, 3.57 m
Joint displaced, medium



MH01X_fa3bcc3c-5db5-4e46-bf14-4a3987bf9fd1_20211022_130600_679.jpg, 00:01:13, 4.22 m
Crack, circumferential from 2 o'clock to 9 o'clock



MH01X_3ab42e01-a17c-47f4-9851-177cd20dd02f_20211022_130637_479.jpg, 00:01:31, 5.55 m
Joint displaced, medium

Section Pictures - 14/10/2021 - MH01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH01X	01	



MH01X_eea5dcf7-03f2-49a5-8e33-85f122d42bae_20211022_130845_393.jpg, 00:02:23, 9.65 m
Water level, 20% of the vertical dimension



MH01X_22aa77ff-5750-454c-9cb3-709c4c8e094d_20211022_130923_143.jpg, 00:02:28, 10.07 m
Attached deposits, fouling from 4 o'clock to 8 o'clock, 15%



20211014-091813-snap0001.jpg, 00:02:59, 12.50 m
Finish node, manhole, reference: MH02, INTERCEPTOR MH FRONT

Section Inspection - 14/10/2021 - RWG1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	4	14/10/21	9:35	01	No Rain Or Snow	No	RWG1X
Operator J SNOW		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	London	Inspection Direction:	Upstream	Upstream Node:	RWG1
Road:	40 Dukes Avenue	Inspected Length:	17.06 m	Upstream Pipe Depth:	0.000 m
Location:	Other (state in comments)	Total Length:	17.06 m	Downstream Node:	MH02
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.480 m
Use:	Surface water	Pipe Shape: Circular Dia/Height: 100 mm Pipe Material: Vitrified clay pipe (i.e. all clayware) Lining Type: No Lining Lining Material: No Lining			
Type of Pipe:	Gravity drain/sewer				
Flow Control:	No flow control				
Year Constructed:	Not Specified				
Inspection Purpose:	Sample survey to determine asset condition				
Comments:	Rainwater line within MH - Runs beneath property, seperate - Survey abandoned due to blockage				
Recommendations:	Jet clean & Re Survey (Urgent)				

Scale:	1:97	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.48 m 							
		0.00	MH	Start node, manhole, reference: MH02	00:00:00	20211014-093650-sn ap0000.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.00	S01	DEZJ Attached deposits, other at joint from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start: SILT/DEBRIS	00:00:15		
		0.61	GP	General photograph taken at this point	00:00:15	RWG1X_e 110503f-1 116-443f-8	
		1.25	S02	DER Settled deposits, coarse, 10% cross-sectional area loss, start	00:00:21	RWG1X_4 afa57d1-a 2a6-4006-	
		1.50	F02	DER Settled deposits, coarse, 10% cross-sectional area loss, finish	00:00:32		3
		2.09	JN	Junction at 9 o'clock, diameter: 100mm: RWG2 - FRONT RWDP	00:00:41	20211014-093650-sn ap0001.jpg	
		3.42	JDM	Joint displaced, medium	00:01:08	RWG1X_a d2f2bef-33 b2-4de1-8	1
		4.10	CC	Crack, circumferential from 8 o'clock to 1 o'clock	00:01:21		2
		5.80	CC	Crack, circumferential from 12 o'clock to 12 o'clock	00:01:48		2
		7.14	CC	Crack, circumferential from 8 o'clock to 3 o'clock	00:02:01	RWG1X_c c64321a-3 fd3-4177-8	2
		7.60	JDM	Joint displaced, medium	00:02:20		1
		9.58	CC	Crack, circumferential from 8 o'clock to 4 o'clock	00:02:43		2
		10.11	S03	FM Fracture, multiple from 12 o'clock to 12 o'clock, start	00:02:50	RWG1X_c ebd6cdf-c7 5f-408e-8e	
		10.37	F03	FM Fracture, multiple from 12 o'clock to 12 o'clock, finish	00:03:03		4

Section Inspection - 14/10/2021 - RWG1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	4	14/10/21	9:35	01	No Rain Or Snow	No	RWG1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
J SNOW		Not Specified		Not Specified	Not Specified	Private Drain	Not Specified

Scale:	1:97	Position [m]	Code	Observation	MPEG	Photo	Grade		
		12.08	REM	General remark: ACCESS WITH MH01	00:03:19	20211014-093650-sn ap0002.jpg			
		12.62	JN	Junction at 3 o'clock, diameter: 100mm: RWG3 RECESS RWG	00:03:37	20211014-093650-sn ap0003.jpg			
		13.57	CS	Cracks, spiral from 7 o'clock to 1 o'clock	00:03:48	RWG1X_0 cad6a68-5 0c9-4388-	3		
		15.96	FCJ	Fracture, circumferential at joint from 8 o'clock to 3 o'clock	00:04:18	RWG1X_d 583655e-d efa-4b63-b	3		
		16.38	LL	Line deviates left	00:04:37				
		16.91	SA	Survey abandoned: MASS OBSTRUCTION	00:04:56	20211014-093650-sn ap0004.jpg			
		17.00	F01 DEZJ	Attached deposits, other at joint from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish: SILT/DEBRIS	00:04:50		2		
		17.06	DES	Settled deposits, fine, 90% cross-sectional area loss	00:04:50		5		
		17.06		End of pipe					
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
9	90.0	11.9	202.0	4.0	3	10.0	1.7	29.0	5.0

Section Pictures - 14/10/2021 - RWG1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	RWG1X	01	



20211014-093650-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH02



RWG1X_e110503f-1116-443f-8cb0-b4da80b75869_20211022_131157_727.jpg, 00:00:15, 0.61 m
General photograph taken at this point



RWG1X_4afa57d1-a2a6-4006-9afd-5d33a941c063_20211022_131215_028.jpg, 00:00:21, 1.25 m
Settled deposits, coarse, 10% cross-sectional area loss, start



20211014-093650-snap0001.jpg, 00:00:41, 2.09 m
Junction at 9 o'clock, diameter: 100mm, RWG2 - FRONT RWDP



RWG1X_ad2f2bef-33b2-4de1-8ac0-2b11f80f40b4_20211022_131333_502.jpg, 00:01:08, 3.42 m
Joint displaced, medium



RWG1X_cc64321a-3fd3-4177-847a-eb47fd4d81d5_20211022_131454_008.jpg, 00:02:01, 7.14 m
Crack, circumferential from 8 o'clock to 3 o'clock

Section Pictures - 14/10/2021 - RWG1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	RWG1X	01	



RWG1X_cabd6cdf-c75f-408e-8e86-cf633b5b3d51_20211022_131612_092.jpg, 00:02:50, 10.11 m
Fracture, multiple from 12 o'clock to 12 o'clock, start



20211014-093650-snap0002.jpg, 00:03:19, 12.08 m
General remark, ACCESS WITH MH01



20211014-093650-snap0003.jpg, 00:03:37, 12.62 m
Junction at 3 o'clock, diameter: 100mm, RWG3 RECESS RWG



RWG1X_0cad6a68-50c9-4388-9716-e4322f79b848_20211022_131737_055.jpg, 00:03:48, 13.57 m
Cracks, spiral from 7 o'clock to 1 o'clock



RWG1X_d583655e-defa-4b63-ba67-2d9d5e2d6ecb_20211022_131816_478.jpg, 00:04:18, 15.96 m
Fracture, circumferential at joint from 8 o'clock to 3 o'clock



20211014-093650-snap0004.jpg, 00:04:56, 16.91 m
Survey abandoned, MASS OBSTRUCTION