



Avery Care Home

Central Ave, Gravesend

DA17 5AW

Surface Water Drainage CCTV Report

Client:





Project Information

Project Name	Project Number	Project Date
AVERY CARE HOME SURFACE		15/11/2024

Client

Company: VKE Group
Contact: Altin Isufi
Department: Project Manager
Street: 13 Rothbury Road
Town or City: Hackney Wick
County: London
Post Code: E9 5HA
Phone: 02039 072210
Mobile: 0785 8396206
Email: a.isufi@vkegroup.com



Site

Company: VKE Group
Description: Surface Water Survey
Contact: Altin Isufi
Street: Avery Care Home
Town or City: Graves End
Email: a.isufi@vkegroup.com



Contractor

Company: PCW Drain Services Ltd
Contact: Richard Savage
Department: CCTV Department
Street: Unit 17, Abbots Business Park, Primrose Hill
Town or City: Kings Langley
County: Herts
Post Code: WD4 8FR
Phone: 01923 266990
Email: richard.savage@pcwLtd.com





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AVERY CARE HOME SURFACE		15/11/2024

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Scoring Summary

Project Name
AVERY CARE HOME SURFACE

Project Number

Project Date
15/11/2024

Structural Defects

Section	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

Service / Operational Condition

Section	PLR	Grade	Description
All inspected pipes are in an acceptable service condition (< grade 3).			

Abandoned Surveys

Section	PLR	Description
All inspections complete, none are abandoned.		

Information

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

To view video ýles click icon below





Section Inspection - 06/11/2024 - SWMH12X

Item No. 1	Insp. No. 1	Date 06/11/24	Time 13:02	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH12X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	SWMH12
Road:	Central Ave	Inspected Length:	23.13 m	Upstream Pipe Depth:	
Location:		Total Length:	23.13 m	Downstream Node:	SWMH13
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.470 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:201	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.47 m							
SWMH13							
		0.00	IC	Start node, inspection chamber, reference: SWMH13	00:00:03	1.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	2.jpg	
		11.54	JN	Junction at 10 o'clock, diameter: 100mm	00:00:40	3.jpg	
		13.33	JN	Junction at 3 o'clock, diameter: 100mm	00:00:47	4.jpg	
		16.42	JN	Junction at 10 o'clock, diameter: 100mm	00:00:58	5.jpg	
		23.13	ICF	Finish node, inspection chamber, reference: SWMH12	00:01:19	6.jpg	
SWMH12 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

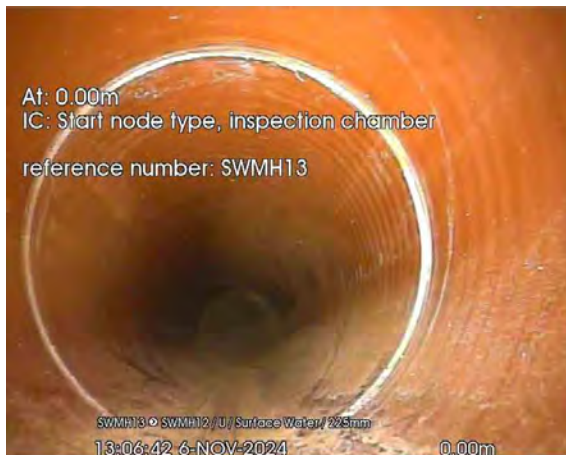
Service & Operational Observations

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



Section Pictures - 06/11/2024 - SWMH12X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	SWMH12X	01	



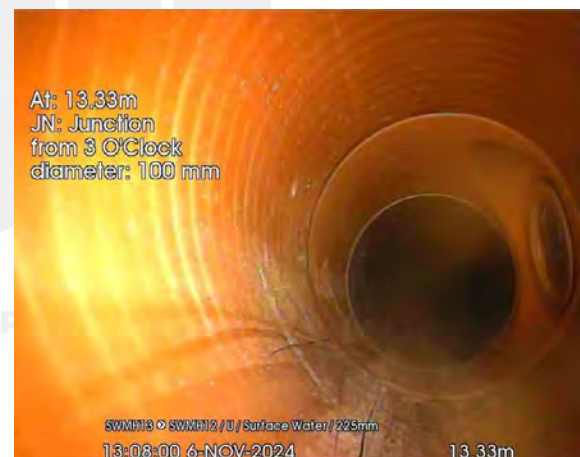
1.jpg, 00:00:03, 0.00 m
Start node, inspection chamber, reference: SWMH13



2.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



3.jpg, 00:00:40, 11.54 m
Junction at 10 o'clock, diameter: 100mm

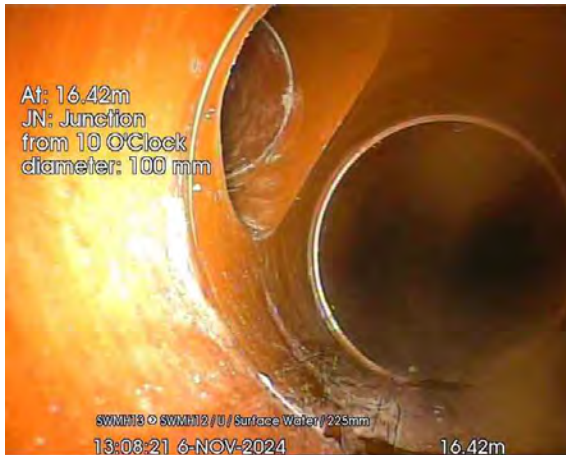


4.jpg, 00:00:47, 13.33 m
Junction at 3 o'clock, diameter: 100mm

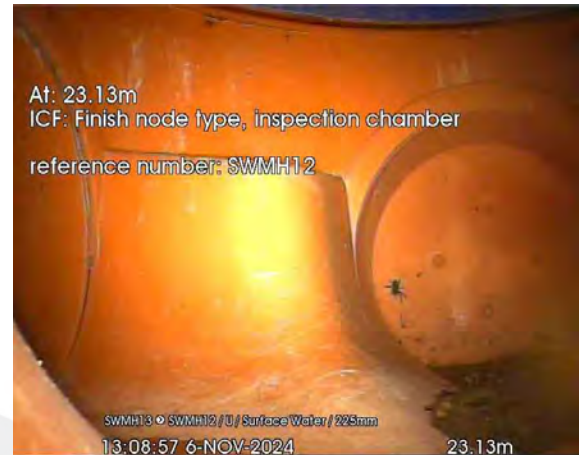


Section Pictures - 06/11/2024 - SWMH12X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	SWMH12X	01	



5.jpg, 00:00:58, 16.42 m
Junction at 10 o'clock, diameter: 100mm



6.jpg, 00:01:19, 23.13 m
Finish node, inspection chamber, reference: SWMH12

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Section Inspection - 06/11/2024 - SWMH15X

Item No. 2	Insp. No. 2	Date 06/11/24	Time 13:12	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH15X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH15
Road:	Central Ave	Inspected Length:	8.71 m	Upstream Pipe Depth:	1.650 m
Location:		Total Length:	8.71 m	Downstream Node:	SWMH DB1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:76	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.65 m SWMH15							
		0.00	IC	Start node, inspection chamber, reference: SWMH15	00:00:01	7.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	8.jpg	
PCW DRAIN SERVICES LTD							
		8.71	MHF	Finish node, manhole, reference: SWMH DB1	00:00:29	9.jpg	
SWMH DB1 Depth: 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

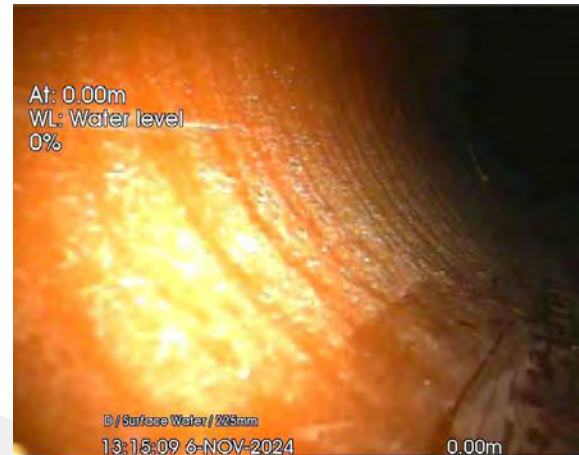


Section Pictures - 06/11/2024 - SWMH15X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	SWMH15X	01	



7.jpg, 00:00:01, 0.00 m
Start node, inspection chamber, reference: SWMH15



8.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



9.jpg, 00:00:29, 8.71 m
Finish node, manhole, reference: SWMH DB1



Section Inspection - 06/11/2024 - REX

Item No. 3	Insp. No. 3	Date 06/11/24	Time 13:29	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR REX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	RE
Road:	Central Ave	Inspected Length:	12.81 m	Upstream Pipe Depth:	
Location:		Total Length:	12.81 m	Downstream Node:	SWMH15
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.600 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:111	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.60 m SWMH15						
	0.00	IC	Start node, inspection chamber, reference: SWMH15	00:00:00	10.jpg	
	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	11.jpg	
	1.28	JN	Junction at 3 o'clock, diameter: 150mm	00:00:17	12.jpg	
	4.73	JN	Junction at 1 o'clock, diameter: 100mm	00:00:29	13.jpg	
	8.14	JN	Junction at 1 o'clock, diameter: 100mm	00:00:45	14.jpg	
	11.18	JN	Junction at 2 o'clock, diameter: 100mm	00:00:58	15.jpg	
	12.41	JN	Junction at 12 o'clock, diameter: 100mm	00:01:09	16.jpg	
	12.81	BRF	Finish node, major connection without manhole, reference: RE	00:01:15	17.jpg	
RE Depth: m						

Construction Features

Structural Defects

Miscellaneous Features

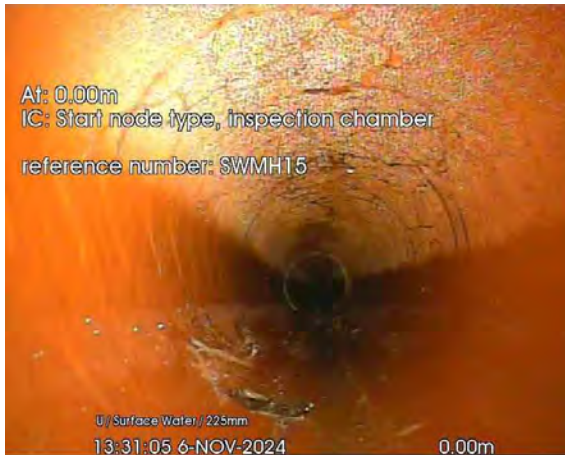
Service & Operational Observations

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

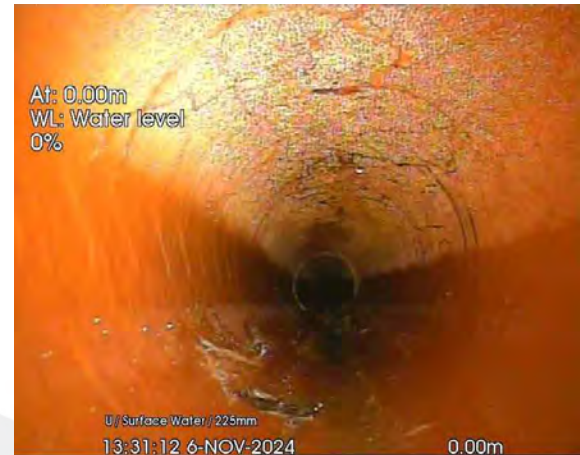


Section Pictures - 06/11/2024 - REX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	REX	01	



10.jpg, 00:00:00, 0.00 m
Start node, inspection chamber, reference: SWMH15



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



12.jpg, 00:00:17, 1.28 m
Junction at 3 o'clock, diameter: 150mm



13.jpg, 00:00:29, 4.73 m
Junction at 1 o'clock, diameter: 100mm



Section Pictures - 06/11/2024 - REX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	REX	01	



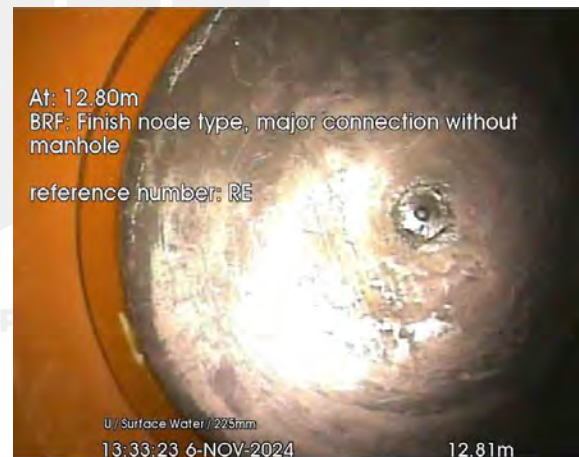
14.jpg, 00:00:45, 8.14 m
Junction at 1 o'clock, diameter: 100mm



15.jpg, 00:00:58, 11.18 m
Junction at 2 o'clock, diameter: 100mm



16.jpg, 00:01:09, 12.41 m
Junction at 12 o'clock, diameter: 100mm



17.jpg, 00:01:15, 12.81 m
Finish node, major connection without manhole, reference: RE



Section Inspection - 06/11/2024 - RWPX

Item No. 4	Insp. No. 4	Date 06/11/24	Time 13:38	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.16 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.16 m	Downstream Node:	SWMH15
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RWP							
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	18.jpg	
		0.10	WL	Water level, 0% of the vertical dimension	00:00:04	19.jpg	
		1.01	LU	Line deviates up	00:00:10	20.jpg	
		2.77	LL	Line deviates left	00:00:20	21.jpg	
		3.16	ICF	Finish node, inspection chamber, reference: SWMH15	00:00:23	22.jpg	
SWMH15 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

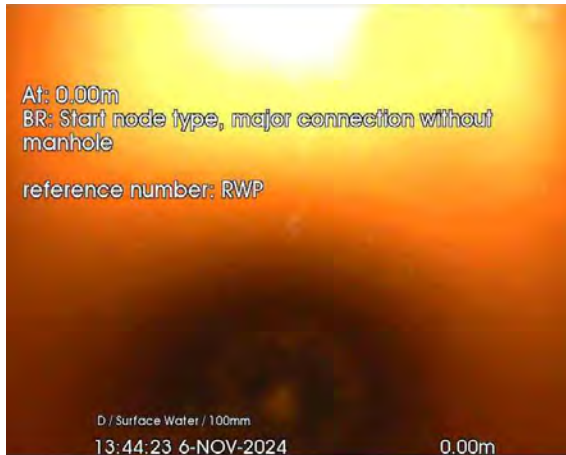
Service & Operational Observations

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

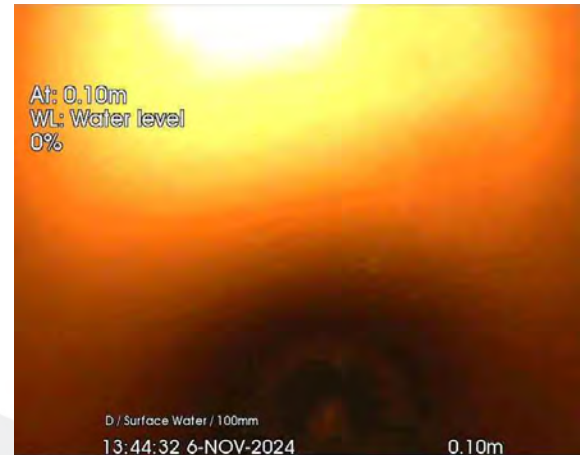


Section Pictures - 06/11/2024 - RWPX

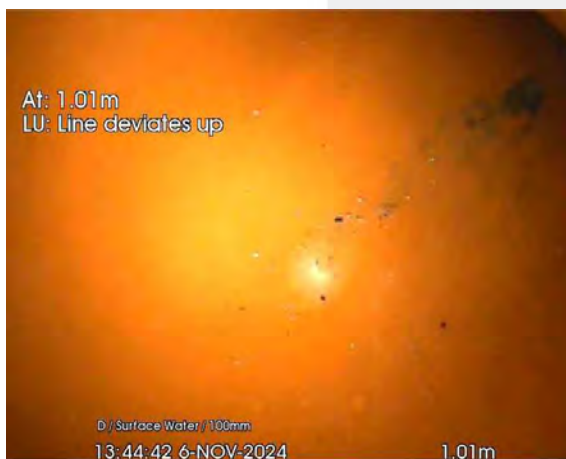
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	RWPX	01	



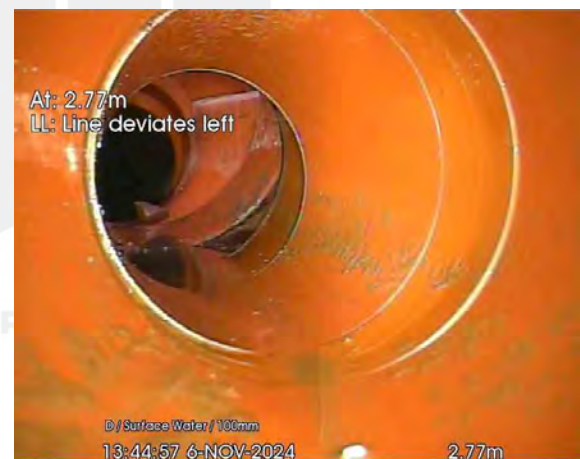
18.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



19.jpg, 00:00:04, 0.10 m
Water level, 0% of the vertical dimension



20.jpg, 00:00:10, 1.01 m
Line deviates up

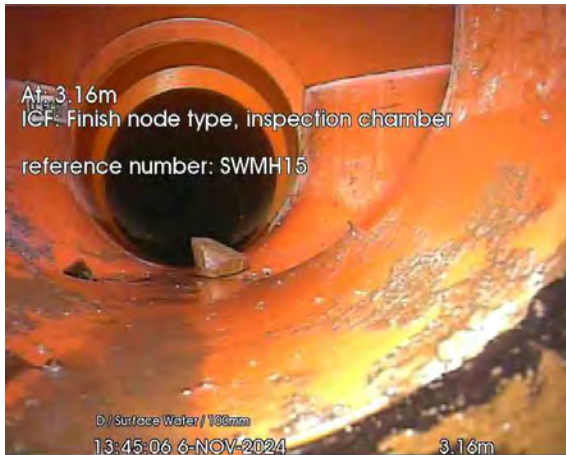


21.jpg, 00:00:20, 2.77 m
Line deviates left



Section Pictures - 06/11/2024 - RWPX

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



22.jpg, 00:00:23, 3.16 m
Finish node, inspection chamber, reference: SWMH15

PCW DRAIN SERVICES LTD



Section Inspection - 06/11/2024 - RWPX

Item No. 5	Insp. No. 5	Date 06/11/24	Time 13:46	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.39 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.39 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

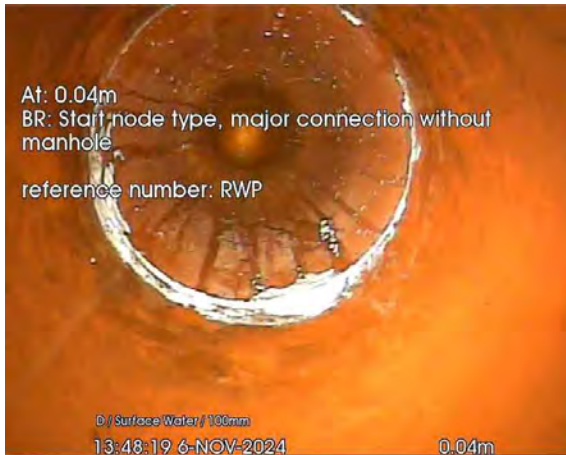
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
			BR	Start node, major connection without manhole, reference: RWP	00:00:01	23.jpg	
			WL	Water level, 0% of the vertical dimension	00:00:03	24.jpg	
			LD	Line deviates down	00:00:08	25.jpg	
			BRF	Finish node, major connection without manhole, reference: MAIN	00:00:18	26.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

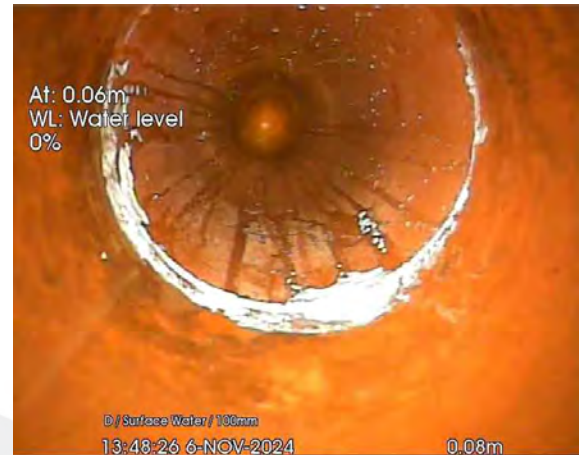


Section Pictures - 06/11/2024 - RWPX

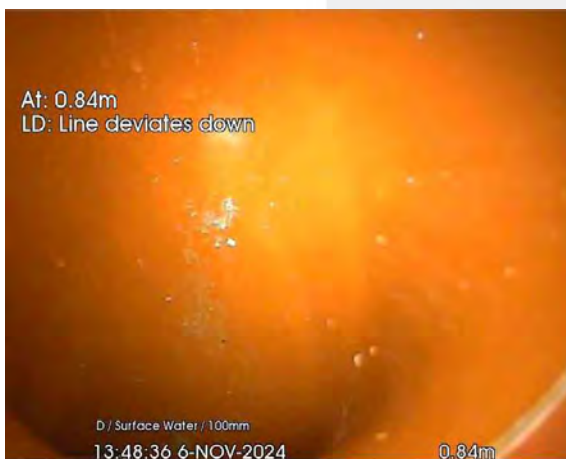
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	RWPX	01	



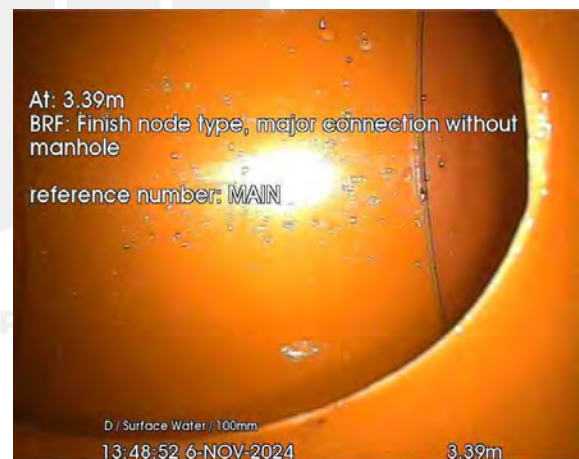
23.jpg, 00:00:01, 0.04 m
Start node, major connection without manhole, reference:
RWP



24.jpg, 00:00:03, 0.08 m
Water level, 0% of the vertical dimension



25.jpg, 00:00:08, 0.84 m
Line deviates down



26.jpg, 00:00:18, 3.39 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 06/11/2024 - RWPX

Item No. 6	Insp. No. 6	Date 06/11/24	Time 13:50	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.40 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.40 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.02	BR	Start node, major connection without manhole, reference: RWP	00:00:01	27.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:03	28.jpg	
		0.35	LD	Line deviates down	00:00:09	29.jpg	
		1.61	LL	Line deviates left	00:00:22	30.jpg	
		2.40	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:31	31.jpg	

PCW DRAIN SERVICES LTD

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

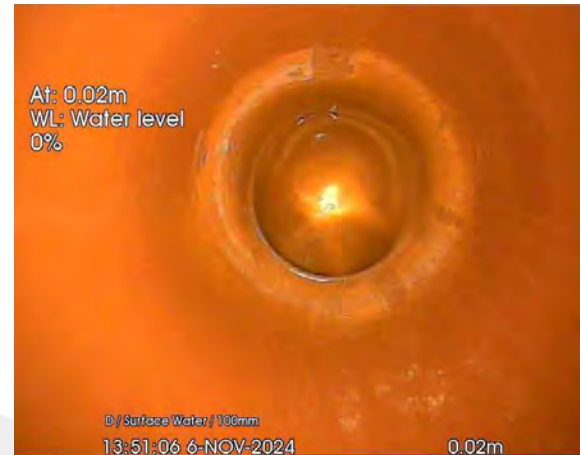


Section Pictures - 06/11/2024 - RWPX

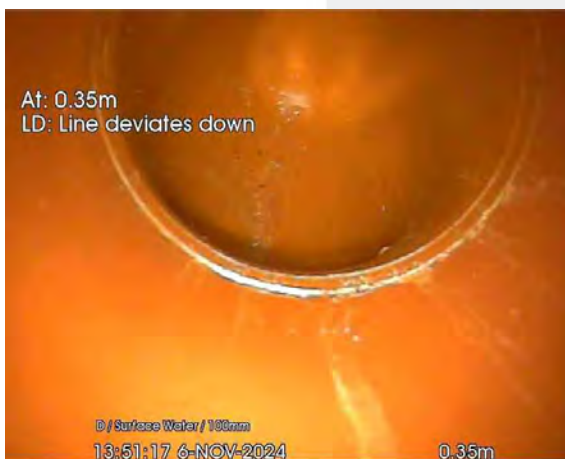
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	RWPX	01	



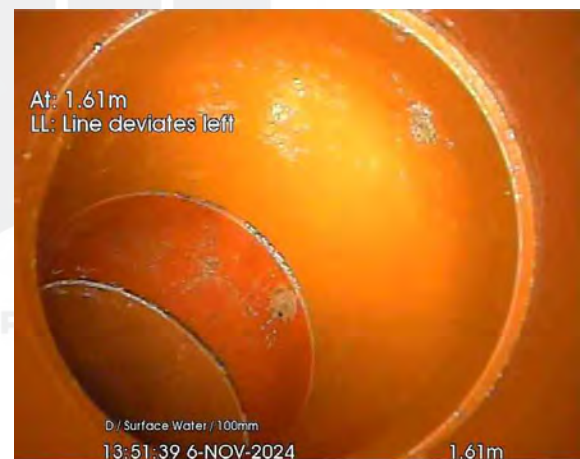
27.jpg, 00:00:01, 0.02 m
Start node, major connection without manhole, reference:
RWP



28.jpg, 00:00:03, 0.02 m
Water level, 0% of the vertical dimension



29.jpg, 00:00:09, 0.35 m
Line deviates down

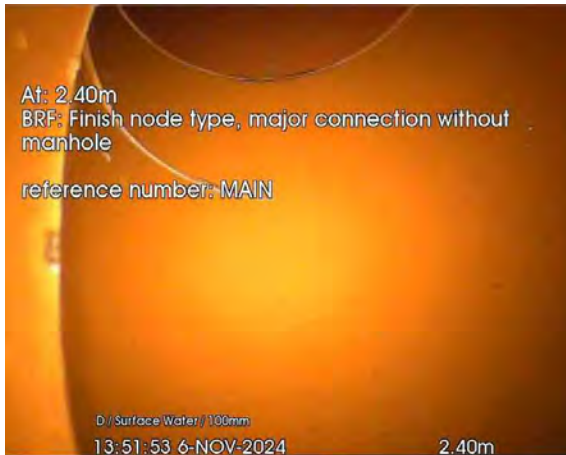


30.jpg, 00:00:22, 1.61 m
Line deviates left



Section Pictures - 06/11/2024 - RWPX

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



31.jpg, 00:00:31, 2.40 m
Finish node, major connection without manhole, reference: MAIN

PCW DRAIN SERVICES LTD



Section Inspection - 06/11/2024 - RWPX

Item No. 7	Insp. No. 7	Date 06/11/24	Time 13:52	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.85 m	Upstream Pipe Depth:	
Location:		Total Length:	3.85 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	32.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:04	33.jpg	
		0.34	LR	Line deviates right	00:00:07	34.jpg	
		1.87	LL	Line deviates left	00:00:19	35.jpg	
		3.58	LD	Line deviates down	00:00:28	36.jpg	
		3.85	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:33	37.jpg	

Construction Features

Structural Defects

Miscellaneous Features

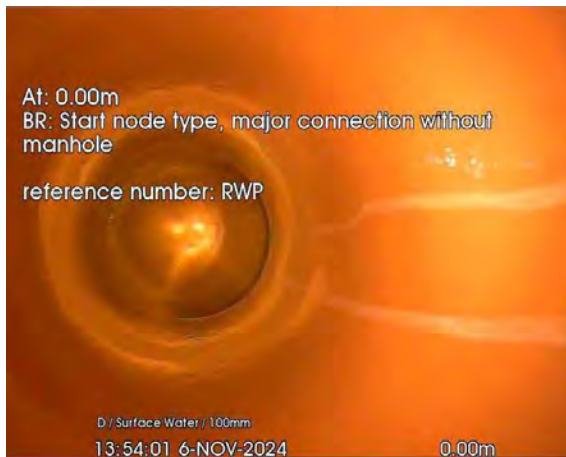
Service & Operational Observations

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

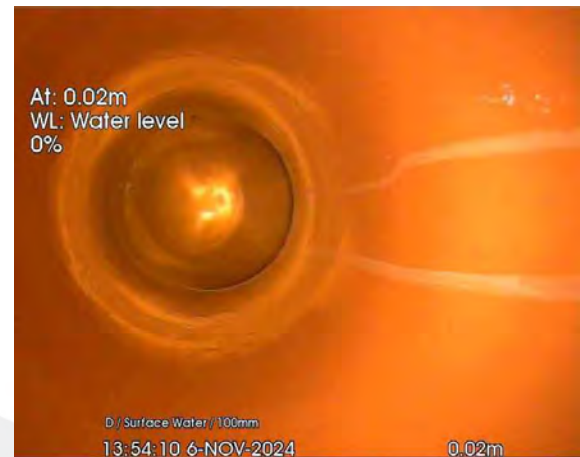


Section Pictures - 06/11/2024 - RWPX

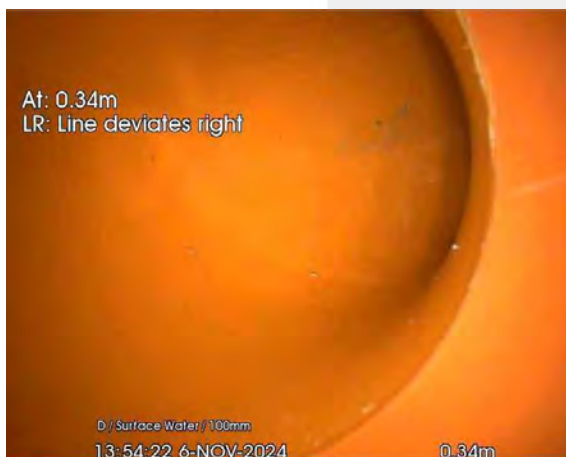
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	RWPX	01	



32.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



33.jpg, 00:00:04, 0.02 m
Water level, 0% of the vertical dimension



34.jpg, 00:00:07, 0.34 m
Line deviates right



35.jpg, 00:00:19, 1.87 m
Line deviates left

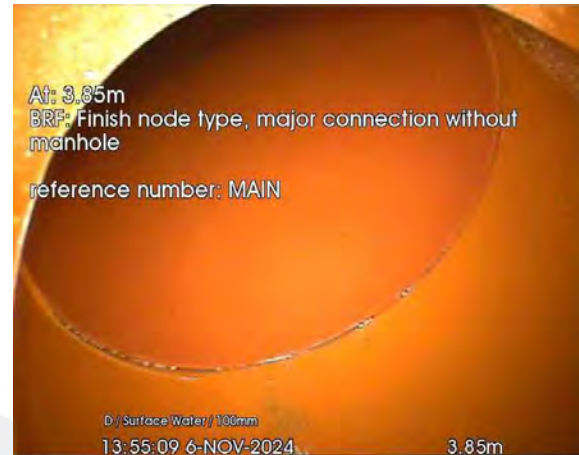


Section Pictures - 06/11/2024 - RWPX

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



36.jpg, 00:00:28, 3.58 m
Line deviates down



37.jpg, 00:00:33, 3.85 m
Finish node, major connection without manhole, reference: MAIN

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Section Inspection - 06/11/2024 - RWPX

Item No. 8	Insp. No. 8	Date 06/11/24	Time 13:55	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.52 m	Upstream Pipe Depth:	
Location:		Total Length:	3.52 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

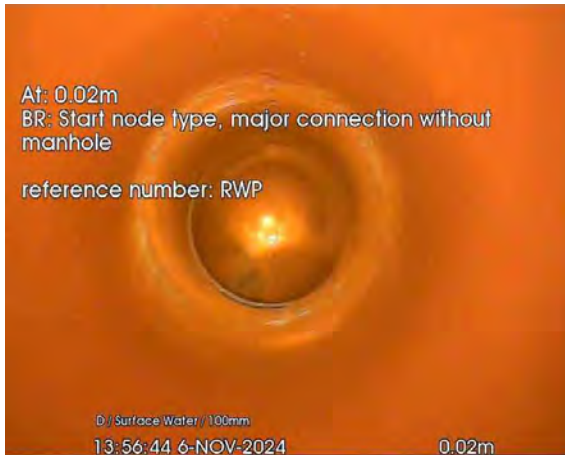
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.02	BR	Start node, major connection without manhole, reference: RWP	00:00:02	38.jpg	
		0.04	WL	Water level, 0% of the vertical dimension	00:00:04	39.jpg	
		0.69	LD	Line deviates down	00:00:09	40.jpg	
		2.77	LD	Line deviates down	00:00:19	41.jpg	
		3.52	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:25	42.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

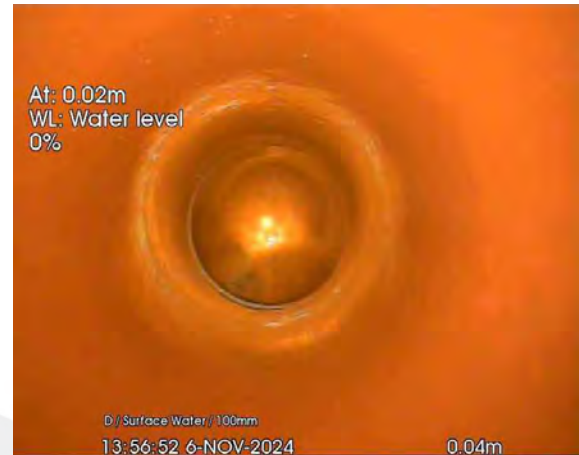


Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	RWPX	01	



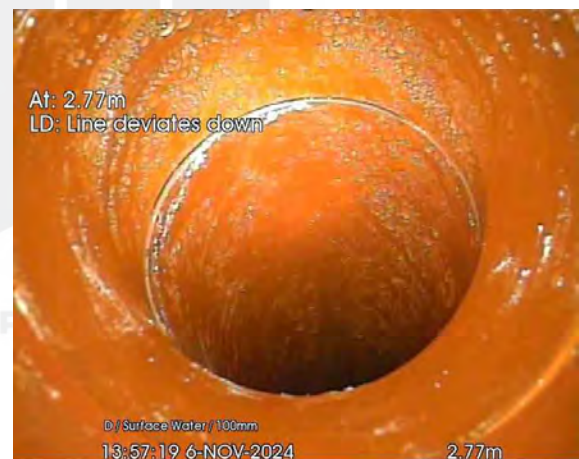
38.jpg, 00:00:02, 0.02 m
Start node, major connection without manhole, reference:
RWP



39.jpg, 00:00:04, 0.04 m
Water level, 0% of the vertical dimension



40.jpg, 00:00:09, 0.69 m
Line deviates down



41.jpg, 00:00:19, 2.77 m
Line deviates down



Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	RWPX	01	



42.jpg, 00:00:25, 3.52 m
Finish node, major connection without manhole, reference:
MAIN

PCW DRAIN SERVICES LTD



Section Inspection - 06/11/2024 - RWPX

Item No. 9	Insp. No. 9	Date 06/11/24	Time 13:57	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.55 m	Upstream Pipe Depth:	
Location:		Total Length:	3.55 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:50 Position [m] Code Observation MPEG Photo Grade

Depth: m

RWP

0.00

BR

Start node, major connection without manhole, reference: RWP

00:00:01

43.jpg

0.00

WL

Water level, 0% of the vertical dimension

00:00:03

44.jpg

0.29

LD

Line deviates down

00:00:07

45.jpg

3.55

BRF

Finish node, major connection without manhole, reference: MAIN

00:00:21

46.jpg

MAIN

Depth: m

Construction Features

Structural Defects

Miscellaneous Features

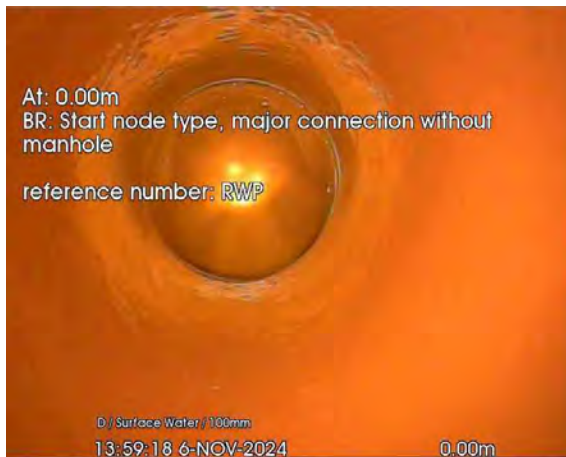
Service & Operational Observations

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

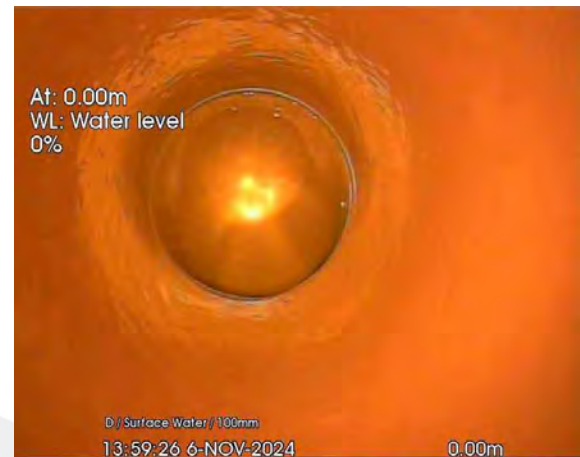


Section Pictures - 06/11/2024 - RWPX

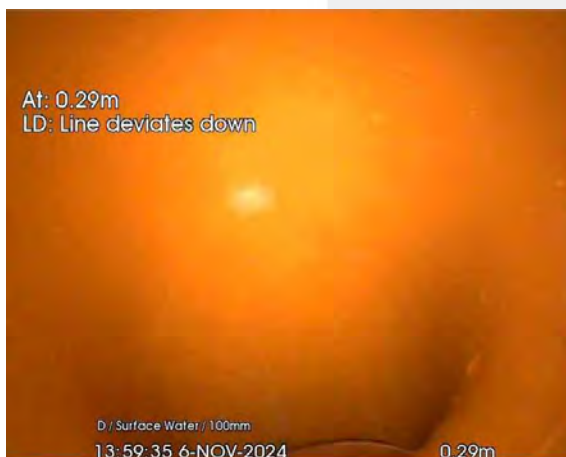
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Downstream	RWPX	01	



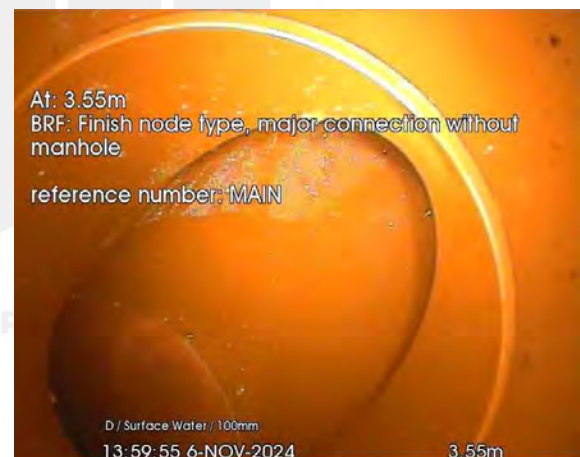
43.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



45.jpg, 00:00:07, 0.29 m
Line deviates down



46.jpg, 00:00:21, 3.55 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 06/11/2024 - RWPX

Item No. 10	Insp. No. 10	Date 06/11/24	Time 14:03	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	4.34 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	4.34 m	Downstream Node:	SWMH 09
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RWP							
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:02	47.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:04	48.jpg	
		0.10	LL	Line deviates left	00:00:07	49.jpg	
		4.34	BRF	Finish node, major connection without manhole, reference: SWMH 09	00:00:29	50.jpg	
SWMH 09 Depth: 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

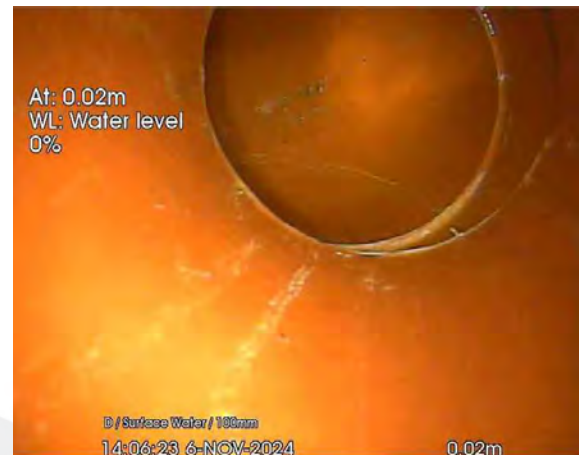


Section Pictures - 06/11/2024 - RWPX

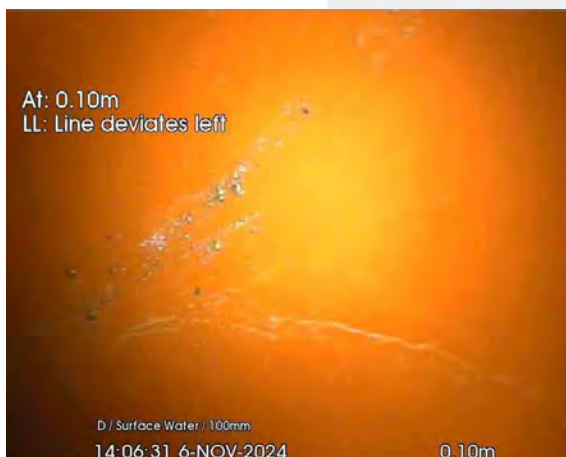
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Downstream	RWPX	01	



47.jpg, 00:00:02, 0.00 m
Start node, major connection without manhole, reference:
RWP



48.jpg, 00:00:04, 0.02 m
Water level, 0% of the vertical dimension



49.jpg, 00:00:07, 0.10 m
Line deviates left



50.jpg, 00:00:29, 4.34 m
Finish node, major connection without manhole, reference:
SWMH 09



Section Inspection - 06/11/2024 - RWPX

Item No. 11	Insp. No. 11	Date 06/11/24	Time 14:08	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.16 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.16 m	Downstream Node:	SWMH 09
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m							
RWP							
0.00			BR	Start node, major connection without manhole, reference: RWP	00:00:01	51.jpg	
0.00			WL	Water level, 0% of the vertical dimension	00:00:04	52.jpg	
0.00			LR	Line deviates right	00:00:07	53.jpg	
3.16			BRF	Finish node, major connection without manhole, reference: SWMH 09	00:00:22	54.jpg	
SWMH 09							
Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

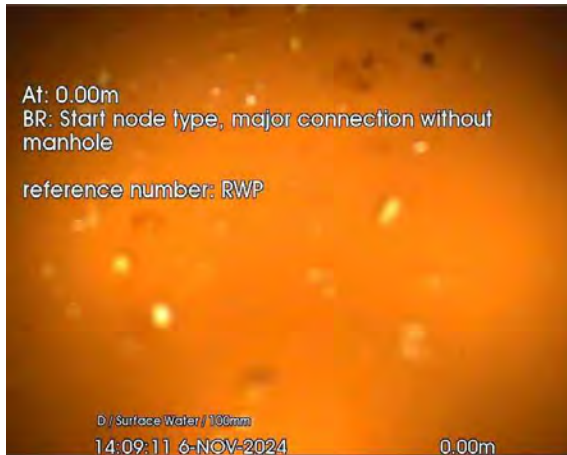
Service & Operational Observations

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

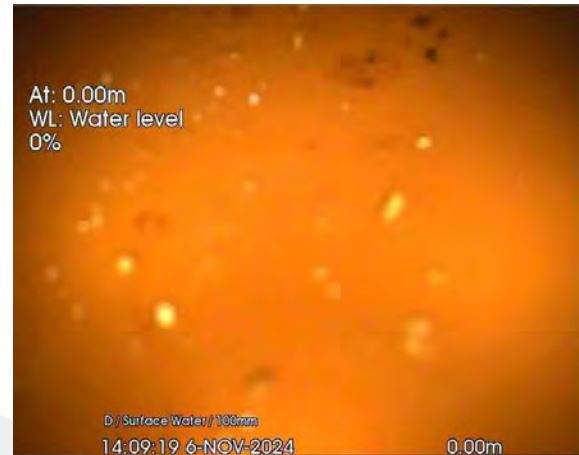


Section Pictures - 06/11/2024 - RWPX

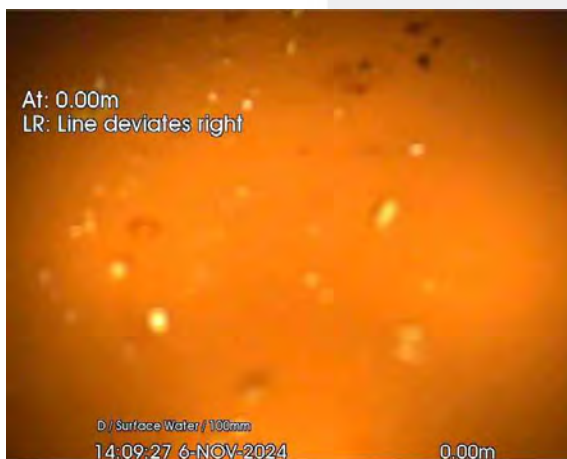
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Downstream	RWPX	01	



51.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



52.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



53.jpg, 00:00:07, 0.00 m
Line deviates right



54.jpg, 00:00:22, 3.16 m
Finish node, major connection without manhole, reference:
SWMH 09



Section Inspection - 06/11/2024 - RWPX

Item No. 12	Insp. No. 12	Date 06/11/24	Time 14:11	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	5.23 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	5.23 m	Downstream Node:	SWMH 09
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RWP							
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:00	55.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	56.jpg	
		0.25	LU	Line deviates up	00:00:08	57.jpg	
		1.30	LL	Line deviates left	00:00:13	58.jpg	
PCW DRAIN SERVICES LTD							
		5.23	BRF	Finish node, major connection without manhole, reference: SWMH 09	00:00:28	59.jpg	
SWMH 09 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

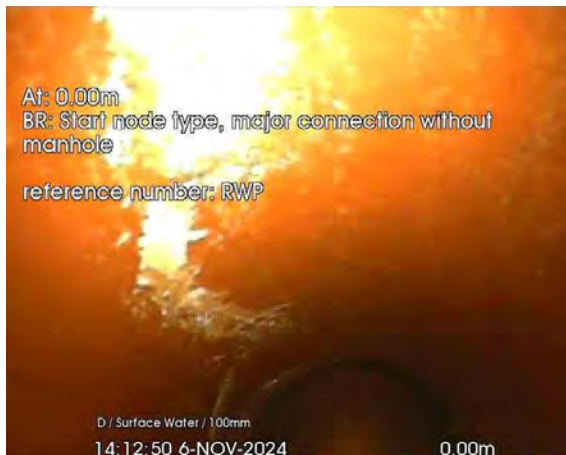
Service & Operational Observations

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

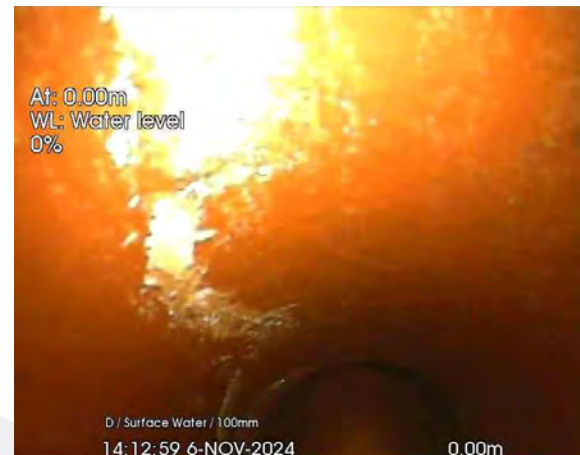


Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
12	Downstream	RWPX	01	



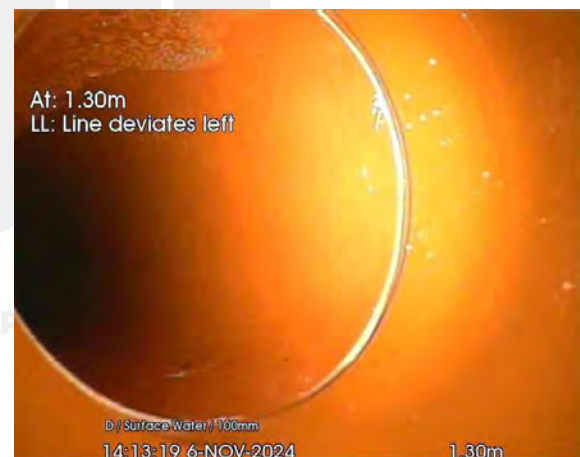
55.jpg, 00:00:00, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



57.jpg, 00:00:08, 0.25 m
Line deviates up



58.jpg, 00:00:13, 1.30 m
Line deviates left



Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
12	Downstream	RWPX	01	



59.jpg, 00:00:28, 5.23 m
Finish node, major connection without manhole, reference:
SWMH 09

PCW DRAIN SERVICES LTD



Section Inspection - 06/11/2024 - RWPX

Item No. 13	Insp. No. 13	Date 06/11/24	Time 14:15	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.90 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.90 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	60.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	61.jpg	
		0.27	LD	Line deviates down	00:00:08	62.jpg	
		1.90	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:18	63.jpg	

PCW DRAIN SERVICES LTD

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

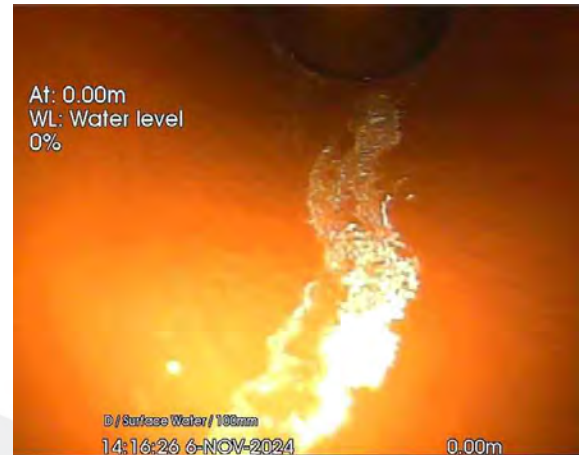


Section Pictures - 06/11/2024 - RWPX

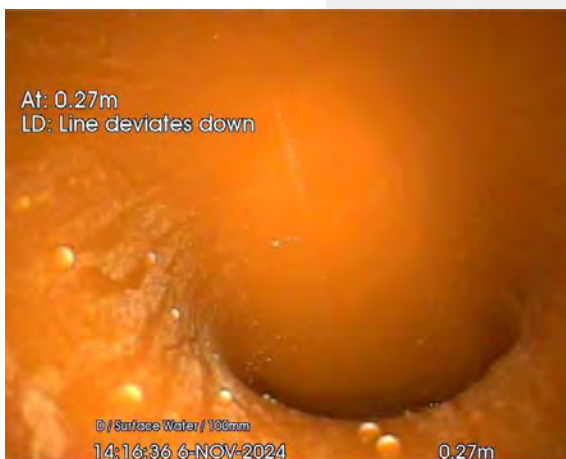
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
13	Downstream	RWPX	01	



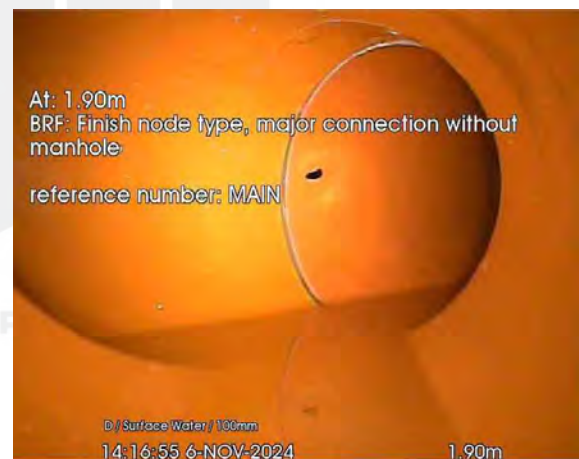
60.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



62.jpg, 00:00:08, 0.27 m
Line deviates down



63.jpg, 00:00:18, 1.90 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 06/11/2024 - RWPX

Item No. 14	Insp. No. 14	Date 06/11/24	Time 14:19	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.98 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.98 m	Downstream Node:	SWMH 09
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RWP							
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:03	64.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	65.jpg	
		0.34	LD	Line deviates down	00:00:09	66.jpg	
		1.51	JN	Junction at 3 o'clock, diameter: 100mm	00:00:15	67.jpg	
PCW DRAIN SERVICES LTD							
		3.98	BRF	Finish node, major connection without manhole, reference: SWMH 09	00:00:28	68.jpg	
SWMH 09 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

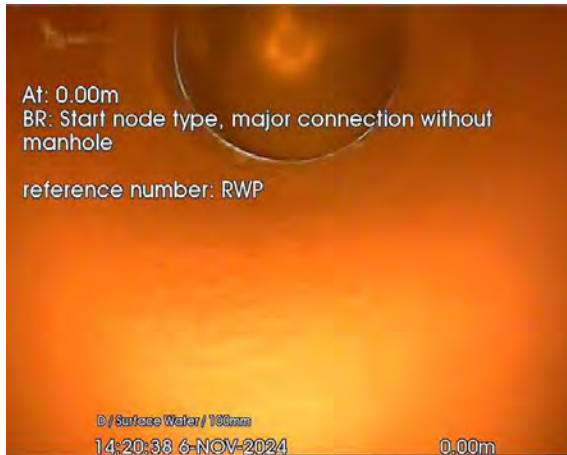
Service & Operational Observations

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



Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Downstream	RWPX	01	



64.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



65.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



66.jpg, 00:00:09, 0.34 m
Line deviates down



67.jpg, 00:00:15, 1.51 m
Junction at 3 o'clock, diameter: 100mm

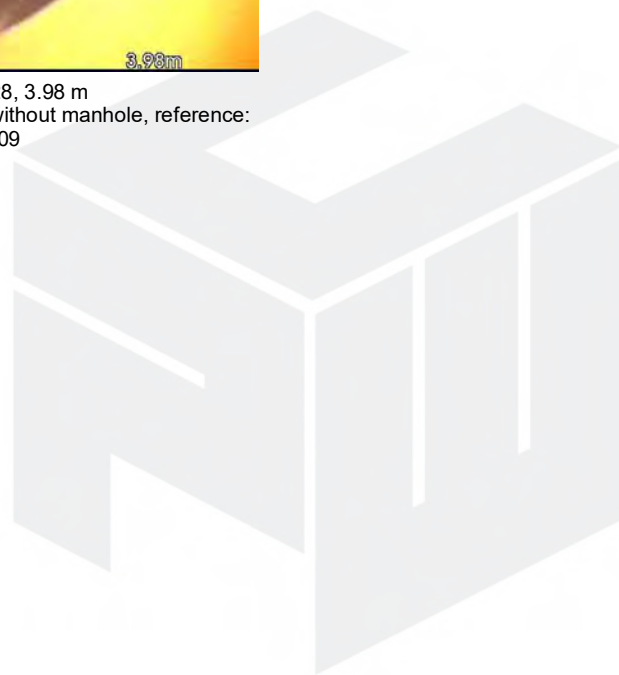


Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Downstream	RWPX	01	



68.jpg, 00:00:28, 3.98 m
Finish node, major connection without manhole, reference:
SWMH 09



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Section Inspection - 06/11/2024 - RWPX

Item No. 15	Insp. No. 15	Date 06/11/24	Time 14:22	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	4.34 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	4.34 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																								
Depth: 0.00 m RWP 0.00 0.00 0.39 3.74 4.07 4.34 MAIN Depth: m <table><tr><td>BR</td><td>Start node, major connection without manhole, reference: RWP</td><td>00:00:01</td><td>69.jpg</td></tr><tr><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td><td>70.jpg</td></tr><tr><td>LR</td><td>Line deviates right</td><td>00:00:09</td><td>71.jpg</td></tr><tr><td>JN</td><td>Junction at 3 o'clock, diameter: 100mm</td><td>00:00:26</td><td>72.jpg</td></tr><tr><td>LR</td><td>Line deviates right</td><td>00:00:32</td><td>73.jpg</td></tr><tr><td>BRF</td><td>Finish node, major connection without manhole, reference: MAIN</td><td>00:00:35</td><td>74.jpg</td></tr></table>								BR	Start node, major connection without manhole, reference: RWP	00:00:01	69.jpg	WL	Water level, 0% of the vertical dimension	00:00:03	70.jpg	LR	Line deviates right	00:00:09	71.jpg	JN	Junction at 3 o'clock, diameter: 100mm	00:00:26	72.jpg	LR	Line deviates right	00:00:32	73.jpg	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:35	74.jpg
BR	Start node, major connection without manhole, reference: RWP	00:00:01	69.jpg																												
WL	Water level, 0% of the vertical dimension	00:00:03	70.jpg																												
LR	Line deviates right	00:00:09	71.jpg																												
JN	Junction at 3 o'clock, diameter: 100mm	00:00:26	72.jpg																												
LR	Line deviates right	00:00:32	73.jpg																												
BRF	Finish node, major connection without manhole, reference: MAIN	00:00:35	74.jpg																												

Construction Features

Structural Defects

Miscellaneous Features

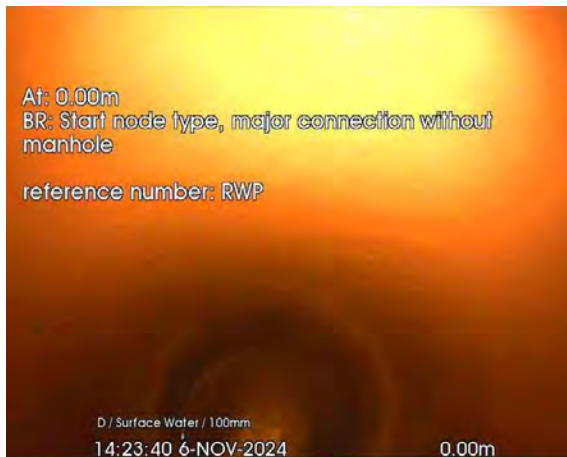
Service & Operational Observations

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 - 06/11/2024 - RWPX

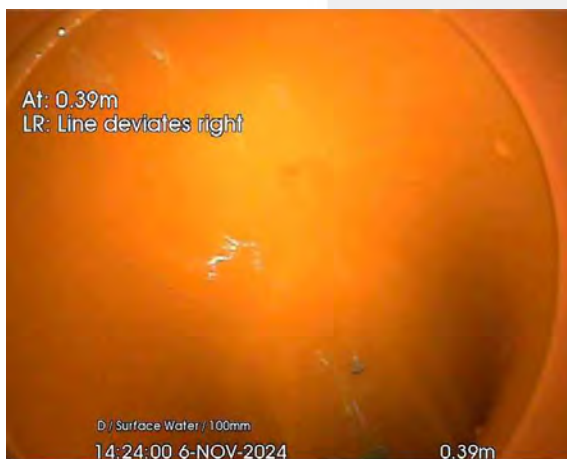
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
15	Downstream	RWPX	01	



69.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference: RWP



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



71.jpg, 00:00:09, 0.39 m
Line deviates right



72.jpg, 00:00:26, 3.74 m
Junction at 3 o'clock, diameter: 100mm

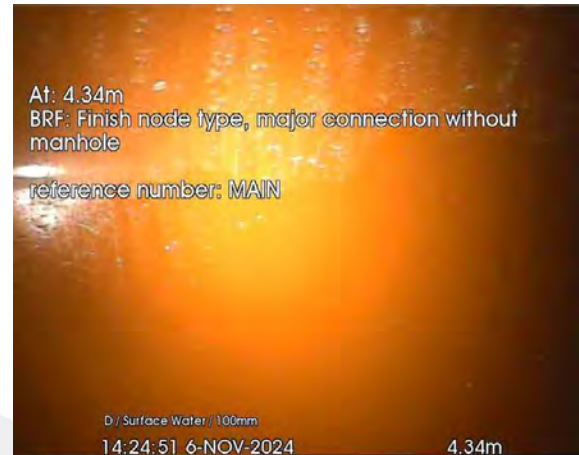


Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
15	Downstream	RWPX	01	



73.jpg, 00:00:32, 4.07 m
Line deviates right



74.jpg, 00:00:35, 4.34 m
Finish node, major connection without manhole, reference: MAIN

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Section Inspection - 06/11/2024 - SWMH 09X

Item No. 16	Insp. No. 16	Date 06/11/24	Time 14:26	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 09X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH 09
Road:	Central Ave	Inspected Length:	8.67 m	Upstream Pipe Depth:	0.670 m
Location:		Total Length:	8.67 m	Downstream Node:	SWMH 07
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:76	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.67 m SWMH 09							
		0.00	IC	Start node, inspection chamber, reference: SWMH 09	00:00:02	75.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:05	76.jpg	
		1.12	JN	Junction at 3 o'clock, diameter: 100mm	00:00:11	77.jpg	
		7.72	JN	Junction at 3 o'clock, diameter: 100mm	00:00:27	78.jpg	
		8.67	ICF	Finish node, inspection chamber, reference: SWMH 07	00:00:35	79.jpg	
SWMH 07 Depth: 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 06/11/2024 - SWMH 09X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
16	Downstream	SWMH 09X	01	



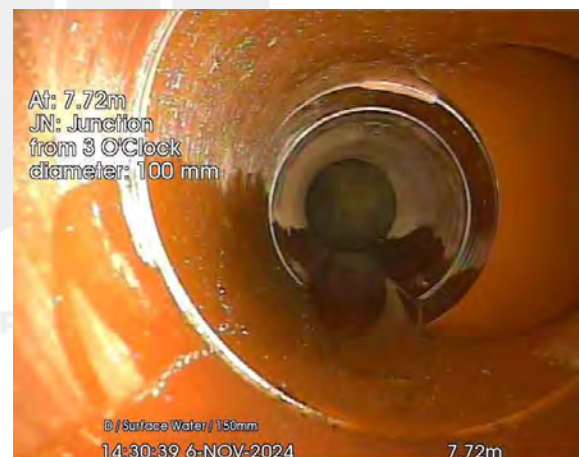
75.jpg, 00:00:02, 0.00 m
Start node, inspection chamber, reference: SWMH 09



76.jpg, 00:00:05, 0.02 m
Water level, 0% of the vertical dimension



77.jpg, 00:00:11, 1.12 m
Junction at 3 o'clock, diameter: 100mm



78.jpg, 00:00:27, 7.72 m
Junction at 3 o'clock, diameter: 100mm



Section Pictures - 06/11/2024 - SWMH 09X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
16	Downstream	SWMH 09X	01	



79.jpg, 00:00:35, 8.67 m

Finish node, inspection chamber, reference: SWMH 07

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Section Inspection - 06/11/2024 - RWPX

Item No. 17	Insp. No. 17	Date 06/11/24	Time 14:32	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.83 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.83 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	80.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:02	81.jpg	
		0.12	LR	Line deviates right	00:00:05	82.jpg	
		2.83	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:14	83.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

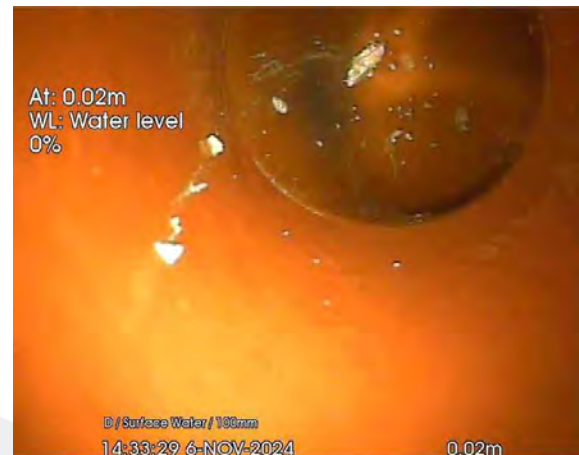


Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
17	Downstream	RWPX	01	



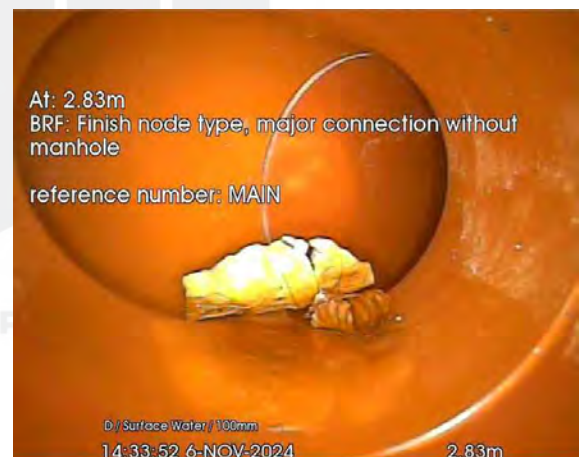
80.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



82.jpg, 00:00:05, 0.12 m
Line deviates right



83.jpg, 00:00:14, 2.83 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 06/11/2024 - RWPX

Item No. 18	Insp. No. 18	Date 06/11/24	Time 14:34	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.63 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.63 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
			BR	Start node, major connection without manhole, reference: RWP	00:00:01	84.jpg	
			WL	Water level, 0% of the vertical dimension	00:00:03	85.jpg	
			LU	Line deviates up	00:00:07	86.jpg	
			BRF	Finish node, major connection without manhole, reference: MAIN	00:00:12	87.jpg	

PCW DRAIN SERVICES LTD

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 - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
18	Downstream	RWPX	01	



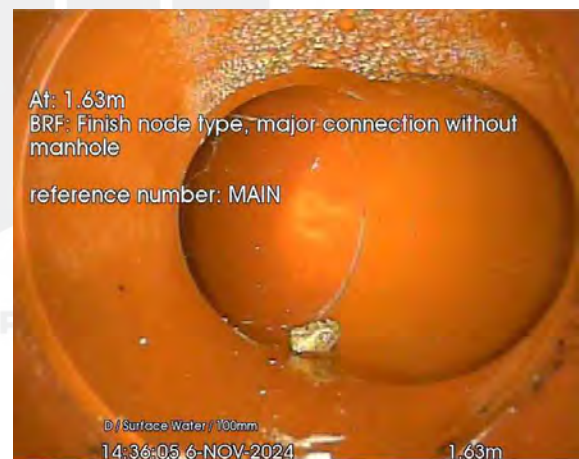
84.jpg, 00:00:01, 0.02 m
Start node, major connection without manhole, reference:
RWP



85.jpg, 00:00:03, 0.02 m
Water level, 0% of the vertical dimension



86.jpg, 00:00:07, 0.46 m
Line deviates up



87.jpg, 00:00:12, 1.63 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 06/11/2024 - RWPX

Item No. 19	Insp. No. 19	Date 06/11/24	Time 14:37	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.25 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.25 m	Downstream Node:	MAINLINE
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:00	88.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	89.jpg	
		0.33	LU	Line deviates up	00:00:11	90.jpg	
		2.25	BRF	Finish node, major connection without manhole, reference: MAINLINE	00:00:24	91.jpg	

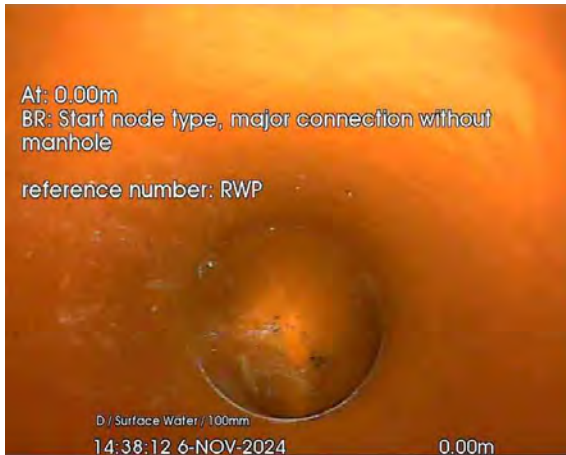
PCW DRAIN SERVICES LTD

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 - 06/11/2024 - RWPX

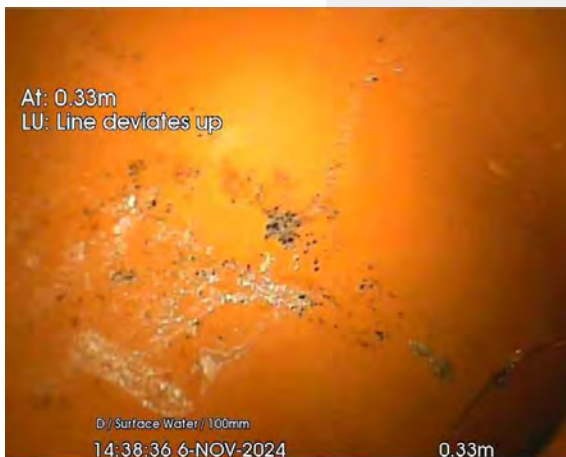
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
19	Downstream	RWPX	01	



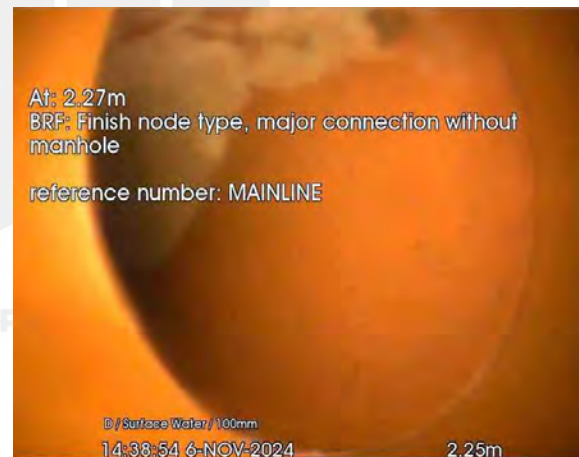
88.jpg, 00:00:00, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



90.jpg, 00:00:11, 0.33 m
Line deviates up



91.jpg, 00:00:24, 2.25 m
Finish node, major connection without manhole, reference:
MAINLINE



Section Inspection - 06/11/2024 - MAINLINEX

Item No. 20	Insp. No. 20	Date 06/11/24	Time 14:39	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR MAINLINEX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	MAINLINE
Road:	Central Ave	Inspected Length:	6.55 m	Upstream Pipe Depth:	
Location:		Total Length:	6.55 m	Downstream Node:	RE
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:57	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RE	00:00:01	92.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	93.jpg	
		0.80	LU	Line deviates up	00:00:12	94.jpg	
		1.46	JN	Junction at 9 o'clock, diameter: 100mm	00:00:18	95.jpg	
		4.86	JN	Junction at 9 o'clock, diameter: 100mm	00:00:31	96.jpg	
		6.18	LR	Line deviates right	00:00:40	97.jpg	
		6.55	BRF	Finish node, major connection without manhole, reference: MAINLINE	00:00:49	98.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 - 06/11/2024 - MAINLINEX

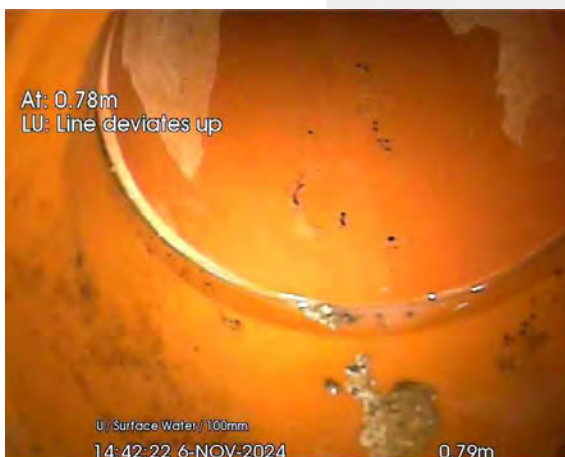
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Upstream	MAINLINEX	01	



92.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference: RE



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



94.jpg, 00:00:12, 0.80 m
Line deviates up

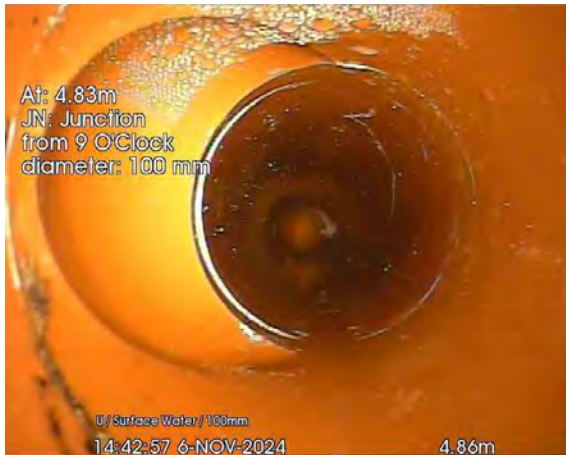


95.jpg, 00:00:18, 1.46 m
Junction at 9 o'clock, diameter: 100mm

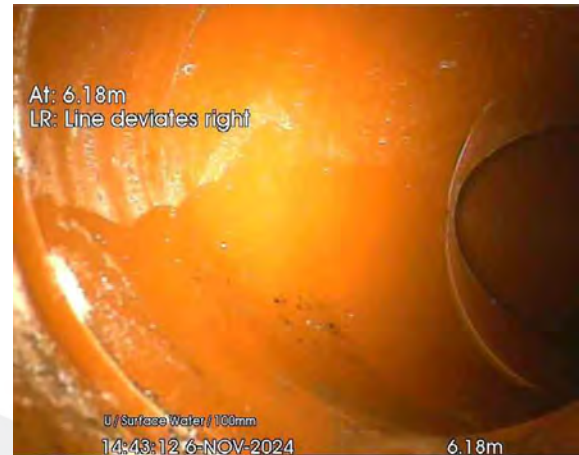


Section Pictures - 06/11/2024 - MAINLINEX

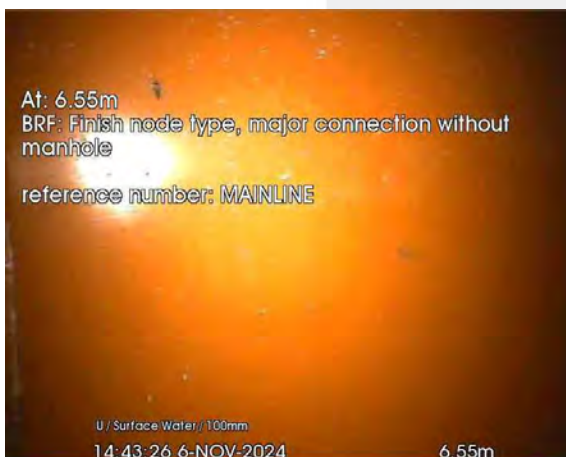
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Upstream	MAINLINEX	01	



96.jpg, 00:00:31, 4.86 m
Junction at 9 o'clock, diameter: 100mm



97.jpg, 00:00:40, 6.18 m
Line deviates right



98.jpg, 00:00:49, 6.55 m
Finish node, major connection without manhole, reference:
MAINLINE



Section Inspection - 06/11/2024 - SWMH 06X

Item No. 21	Insp. No. 21	Date 06/11/24	Time 14:49	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 06X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	SWMH 06
Road:	Central Ave	Inspected Length:	9.83 m	Upstream Pipe Depth:	
Location:		Total Length:	9.83 m	Downstream Node:	SWMH 07
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.800 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:86	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.80 m SWMH 07							
		0.00	CP	Start node, catchpit, reference: SWMH 07	00:00:02	99.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:08	100.jpg	
		8.94	LR	Line deviates right	00:00:46	101.jpg	
		9.83	ICF	Finish node, inspection chamber, reference: SWMH 06	00:00:54	102.jpg	
SWMH 06 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

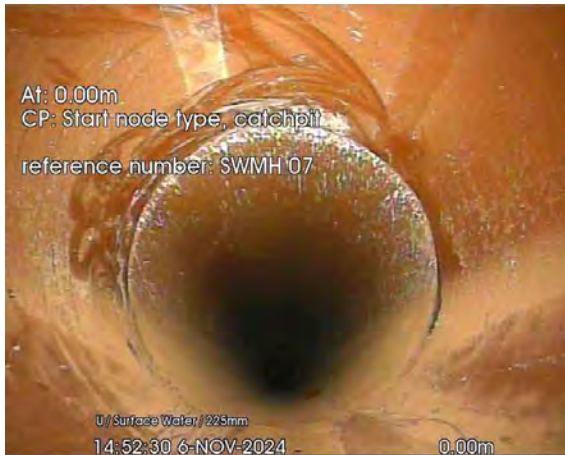
Service & Operational Observations

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

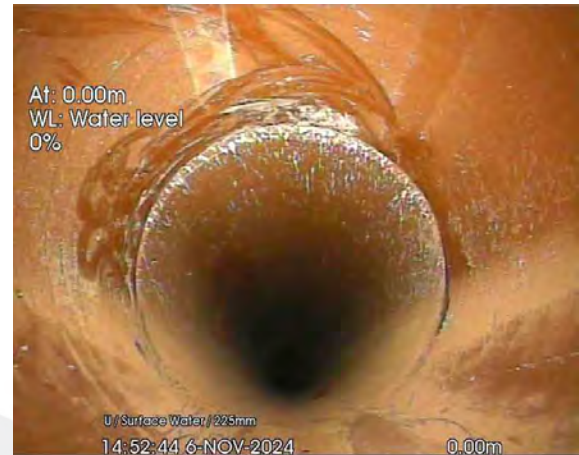


Section Pictures - 06/11/2024 - SWMH 06X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
21	Upstream	SWMH 06X	01	



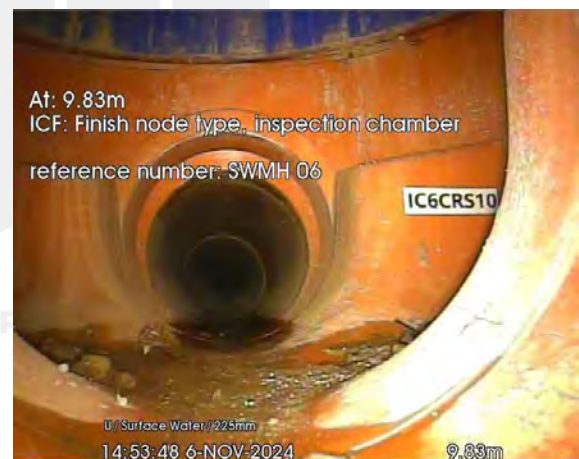
99.jpg, 00:00:02, 0.00 m
Start node, catchpit, reference: SWMH 07



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



101.jpg, 00:00:46, 8.94 m
Line deviates right



102.jpg, 00:00:54, 9.83 m
Finish node, inspection chamber, reference: SWMH 06



Section Inspection - 06/11/2024 - SWMH 07X

Item No. 22	Insp. No. 22	Date 06/11/24	Time 14:58	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 07X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH 07
Road:	Central Ave	Inspected Length:	7.55 m	Upstream Pipe Depth:	1.600 m
Location:		Total Length:	7.55 m	Downstream Node:	SWMH DB2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:66	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.60 m SWMH 07							
		0.00	CP	Start node, catchpit, reference: SWMH 07	00:00:02	103.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	104.jpg	
PCW DRAIN SERVICES LTD							
SWMH DB2 Depth: m							
		7.55	OCF	Finish node, other special chamber, reference: SWMH DB2: CATCH PIT	00:00:36	105.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

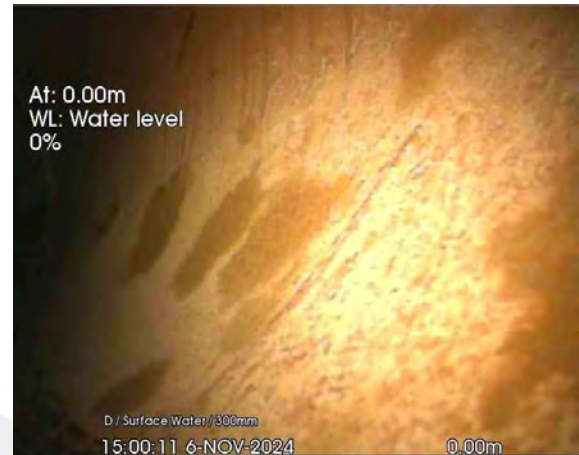


Section Pictures - 06/11/2024 - SWMH 07X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	SWMH 07X	01	



103.jpg, 00:00:02, 0.00 m
Start node, catchpit, reference: SWMH 07



104.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



105.jpg, 00:00:36, 7.55 m
Finish node, other special chamber, reference: SWMH DB2, CATCH PIT

Section Inspection - 06/11/2024 - SWMH 18X

Item No. 23	Insp. No. 23	Date 06/11/24	Time 15:12	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 18X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH 18
Road:	Central Ave	Inspected Length:	8.39 m	Upstream Pipe Depth:	2.100 m
Location:		Total Length:	8.39 m	Downstream Node:	SWMH 17
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

[illegible]

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 - 06/11/2024 - SWMH 18X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
23	Downstream	SWMH 18X	01	



106.jpg, 00:00:02, 0.00 m
Start node, inspection chamber, reference: SWMH 18



107.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



108.jpg, 00:00:30, 8.39 m
General remark, CAPPED



Section Inspection - 06/11/2024 - REX

Item No. 24	Insp. No. 24	Date 06/11/24	Time 15:21	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR REX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	RE
Road:	Central Ave	Inspected Length:	9.77 m	Upstream Pipe Depth:	
Location:		Total Length:	9.77 m	Downstream Node:	SWMH 08
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.270 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:85	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.27 m SWMH 08							
		0.00	IC	Start node, inspection chamber, reference: SWMH 08	00:00:01	109.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	110.jpg	
		8.58	LU	Line deviates up	00:00:22	111.jpg	
		9.77	BRF	Finish node, major connection without manhole, reference: RE	00:00:27	112.jpg	
RE Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

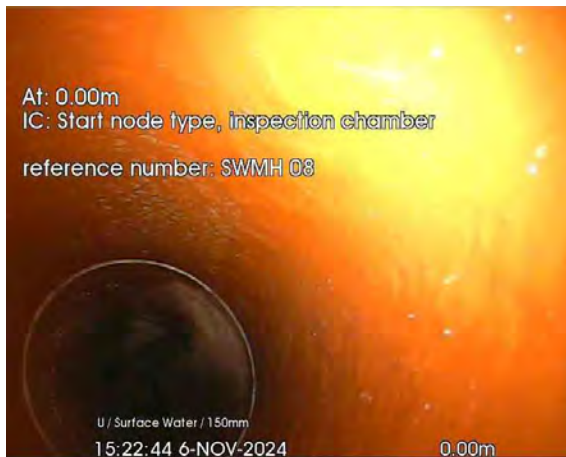
Service & Operational Observations

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



Section Pictures - 06/11/2024 - REX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
24	Upstream	REX	01	



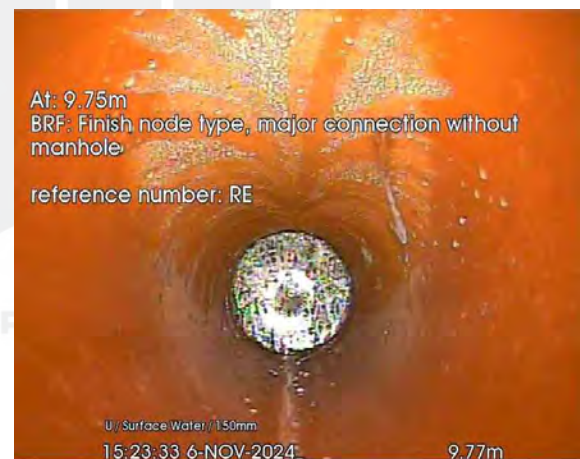
109.jpg, 00:00:01, 0.00 m
Start node, inspection chamber, reference: SWMH 08



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



111.jpg, 00:00:22, 8.58 m
Line deviates up



112.jpg, 00:00:27, 9.77 m
Finish node, major connection without manhole, reference: RE



Section Inspection - 06/11/2024 - RWPX

Item No. 25	Insp. No. 25	Date 06/11/24	Time 15:32	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	5.70 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	5.70 m	Downstream Node:	MAINLINE
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m							
RWP							
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:00	113.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02	114.jpg	
		0.57	LU	Line deviates up	00:00:07	115.jpg	
		3.10	JN	Junction at 3 o'clock, diameter: 100mm	00:00:14	116.jpg	
		5.70	BRF	Finish node, major connection without manhole, reference: MAINLINE	00:00:24	117.jpg	
MAINLINE							
Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

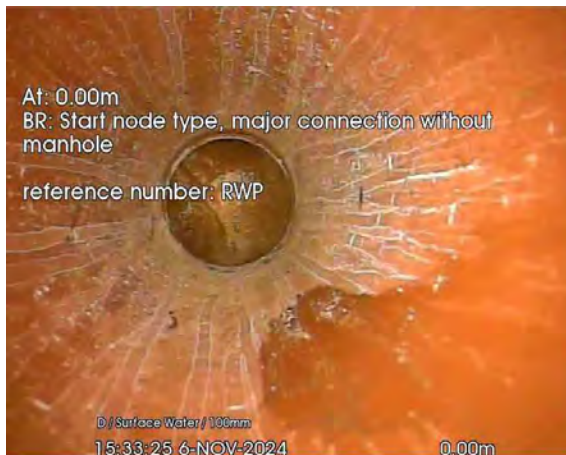
Service & Operational Observations

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



Section Pictures - 06/11/2024 - RWPX

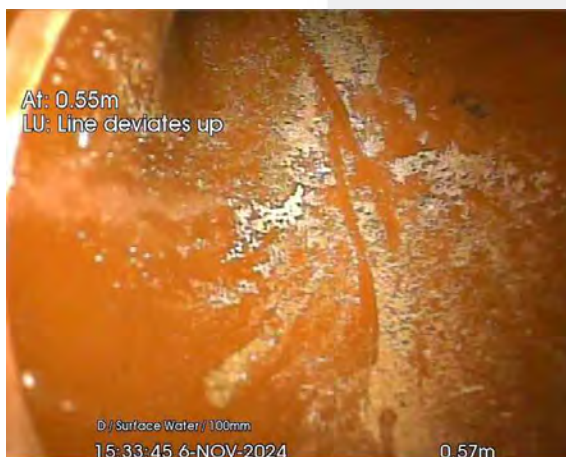
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
25	Downstream	RWPX	01	



113.jpg, 00:00:00, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



115.jpg, 00:00:07, 0.57 m
Line deviates up



116.jpg, 00:00:14, 3.10 m
Junction at 3 o'clock, diameter: 100mm



Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
25	Downstream	RWPX	01	



117.jpg, 00:00:24, 5.70 m
Finish node, major connection without manhole, reference:
MAINLINE

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Section Inspection - 06/11/2024 - RWPX

Item No. 26	Insp. No. 26	Date 06/11/24	Time 15:34	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.48 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.48 m	Downstream Node:	MAINLINE
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m							
RWP							
0.00							
0.00							
1.24							
2.48							
MAINLINE							
Depth: m							
BR Start node, major connection without manhole, reference: 00:00:03 118.jpg							
WL Water level, 0% of the vertical dimension 00:00:04 119.jpg							
LU Line deviates up 00:00:11 120.jpg							
BRF Finish node, major connection without manhole, reference: 00:00:20 121.jpg							
MAINLINE							

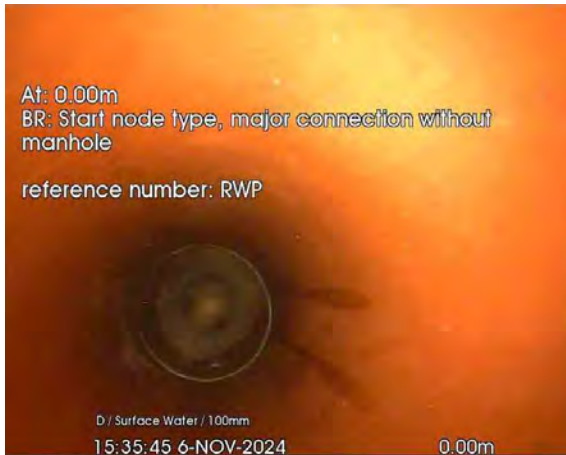
PCW DRAIN SERVICES LTD

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 - 06/11/2024 - RWPX

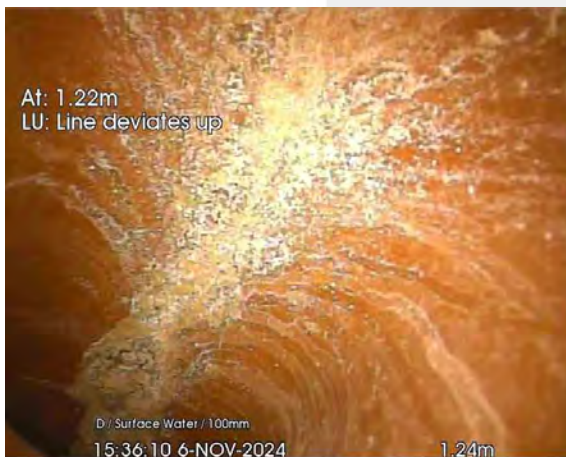
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
26	Downstream	RWPX	01	



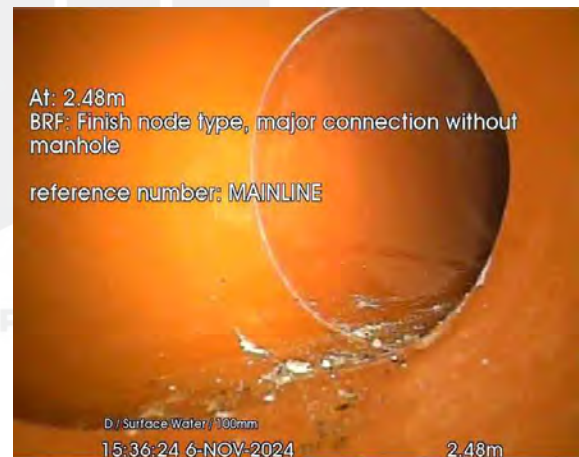
118.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



119.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



120.jpg, 00:00:11, 1.24 m
Line deviates up



121.jpg, 00:00:20, 2.48 m
Finish node, major connection without manhole, reference:
MAINLINE



Section Inspection - 06/11/2024 - RWPX

Item No. 27	Insp. No. 27	Date 06/11/24	Time 15:38	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.29 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.29 m	Downstream Node:	MAINLINE
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RWP							
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	122.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	123.jpg	
		0.56	LU	Line deviates up	00:00:10	124.jpg	
		3.29	BRF	Finish node, major connection without manhole, reference: MAINLINE	00:00:21	125.jpg	
MAINLINE Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

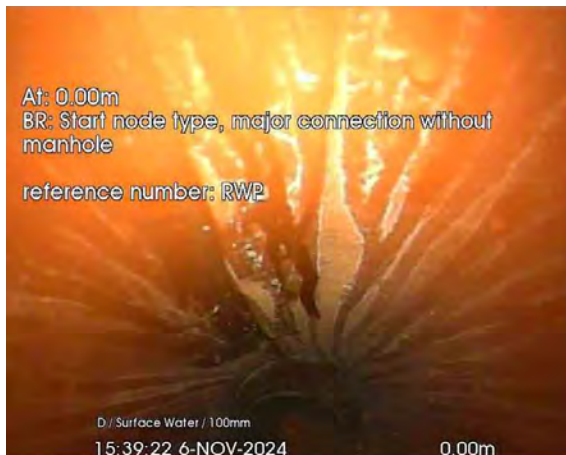
Service & Operational Observations

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

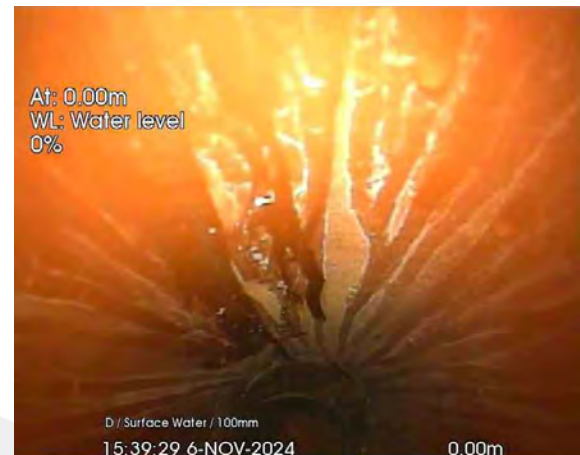


Section Pictures - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
27	Downstream	RWPX	01	



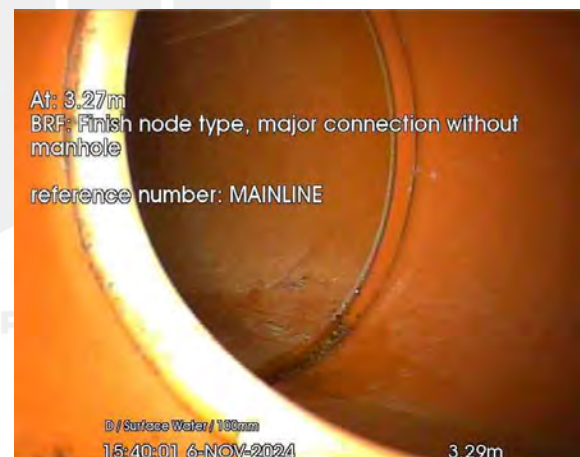
122.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



123.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



124.jpg, 00:00:10, 0.56 m
Line deviates up



125.jpg, 00:00:21, 3.29 m
Finish node, major connection without manhole, reference:
MAINLINE



Section Inspection - 06/11/2024 - SWMH5X

Item No. 28	Insp. No. 28	Date 06/11/24	Time 15:42	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH5X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH5
Road:	Central Ave	Inspected Length:	9.97 m	Upstream Pipe Depth:	1.300 m
Location:		Total Length:	9.97 m	Downstream Node:	SWMH6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:87	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.30 m SWMH5							
		0.00	IC	Start node, inspection chamber, reference: SWMH5	00:00:00	126.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	127.jpg	
		5.92	JN	Junction at 9 o'clock, diameter: 100mm	00:00:23	128.jpg	
		9.01	JN	Junction at 9 o'clock, diameter: 100mm	00:00:32	129.jpg	
		9.97	ICF	Finish node, inspection chamber, reference: SWMH6	00:00:37	130.jpg	
SWMH6 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

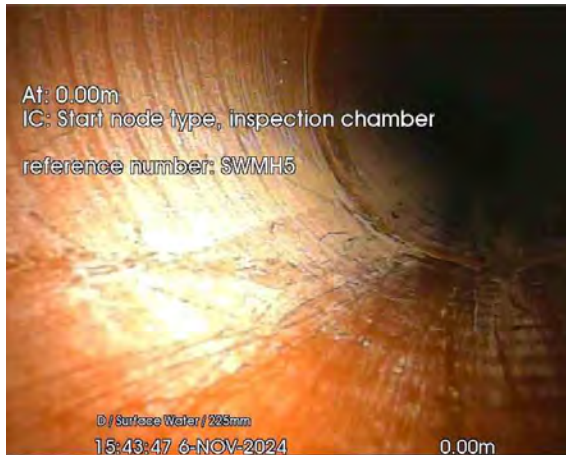
Service & Operational Observations

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

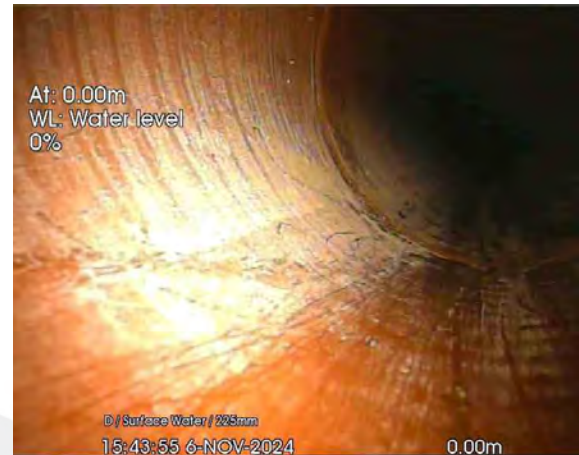


Section Pictures - 06/11/2024 - SWMH5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
28	Downstream	SWMH5X	01	



126.jpg, 00:00:00, 0.00 m
Start node, inspection chamber, reference: SWMH5



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



128.jpg, 00:00:23, 5.92 m
Junction at 9 o'clock, diameter: 100mm



129.jpg, 00:00:32, 9.01 m
Junction at 9 o'clock, diameter: 100mm

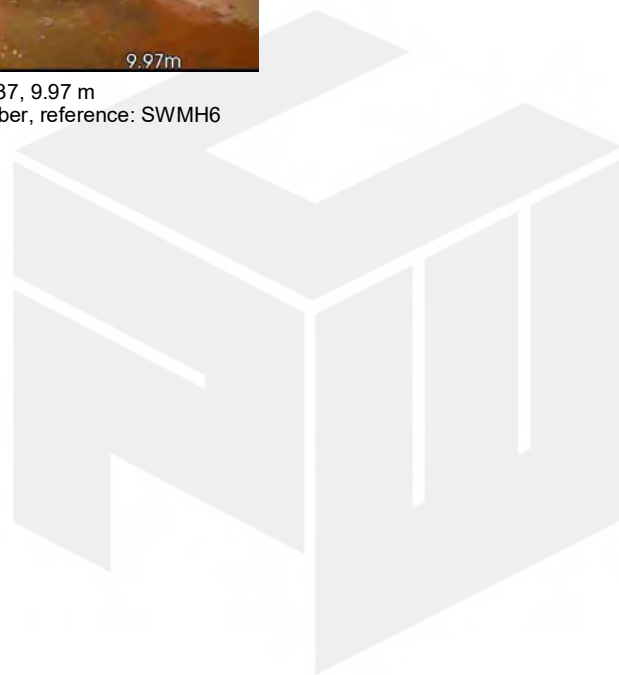


Section Pictures - 06/11/2024 - SWMH5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
28	Downstream	SWMH5X	01	



130.jpg, 00:00:37, 9.97 m
Finish node, inspection chamber, reference: SWMH6



PCW DRAIN SERVICES LTD



Section Inspection - 06/11/2024 - SWMH4X

Item No. 29	Insp. No. 29	Date 06/11/24	Time 15:46	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH4X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	SWMH4
Road:	Central Ave	Inspected Length:	16.58 m	Upstream Pipe Depth:	
Location:		Total Length:	16.58 m	Downstream Node:	SWMH5
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.400 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:144	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.40 m SWMH5						
	0.05	IC	Start node, inspection chamber, reference: SWMH5	00:00:00	131.jpg	
	0.09	WL	Water level, 0% of the vertical dimension	00:00:02	132.jpg	
	0.17	JN	Junction at 3 o'clock, diameter: 100mm	00:00:04	133.jpg	
	2.63	JN	Junction at 2 o'clock, diameter: 100mm	00:00:10	134.jpg	
	6.60	JN	Junction at 3 o'clock, diameter: 100mm	00:00:21	135.jpg	
	8.98	JN	Junction at 3 o'clock, diameter: 100mm	00:00:30	136.jpg	
	14.90	JN	Junction at 2 o'clock, diameter: 100mm	00:00:42	137.jpg	
	16.58	ICF	Finish node, inspection chamber, reference: SWMH4	00:00:48	138.jpg	
SWMH4 Depth: 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 06/11/2024 - SWMH4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
29	Upstream	SWMH4X	01	



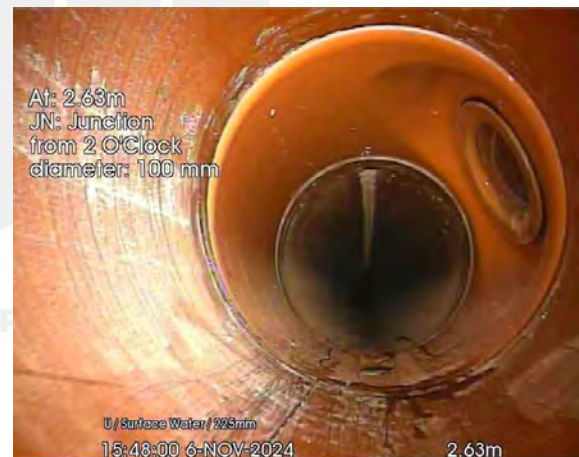
131.jpg, 00:00:00, 0.05 m
Start node, inspection chamber, reference: SWMH5



132.jpg, 00:00:02, 0.09 m
Water level, 0% of the vertical dimension



133.jpg, 00:00:04, 0.17 m
Junction at 3 o'clock, diameter: 100mm

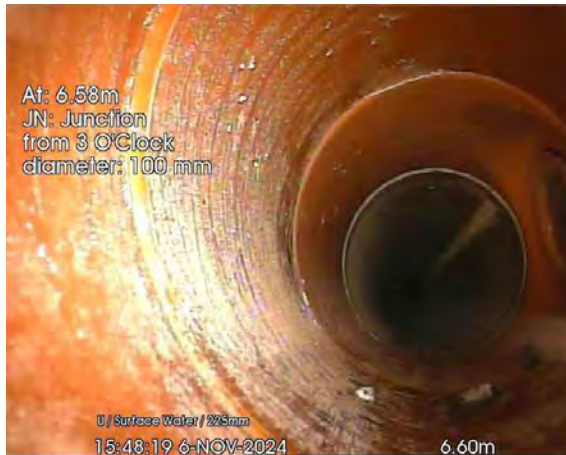


134.jpg, 00:00:10, 2.63 m
Junction at 2 o'clock, diameter: 100mm

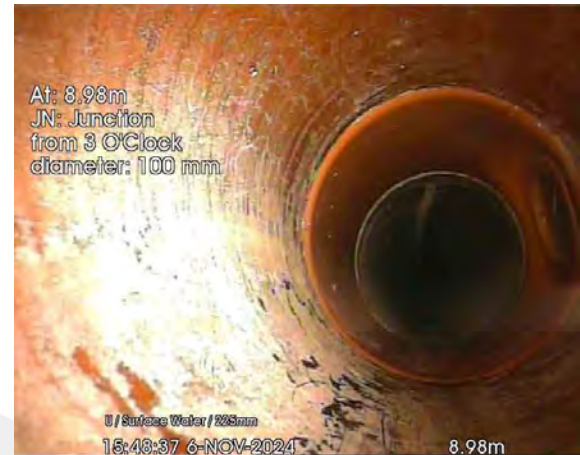


Section Pictures - 06/11/2024 - SWMH4X

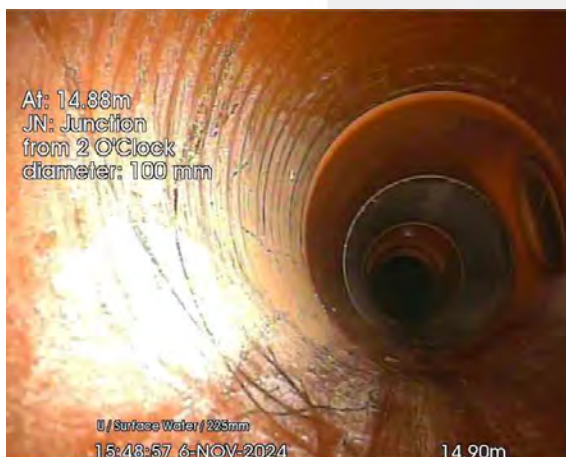
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
29	Upstream	SWMH4X	01	



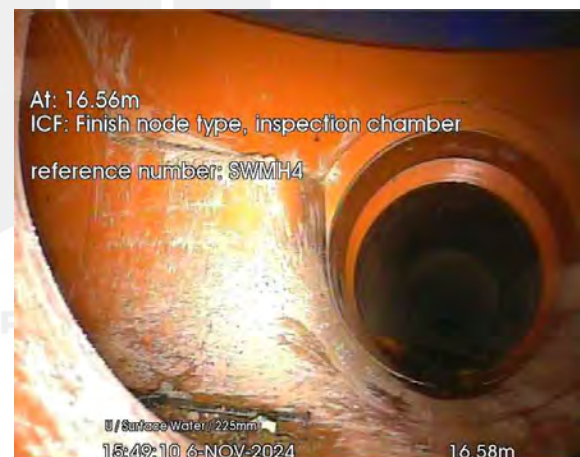
135.jpg, 00:00:21, 6.60 m
Junction at 3 o'clock, diameter: 100mm



136.jpg, 00:00:30, 8.98 m
Junction at 3 o'clock, diameter: 100mm



137.jpg, 00:00:42, 14.90 m
Junction at 2 o'clock, diameter: 100mm



138.jpg, 00:00:48, 16.58 m
Finish node, inspection chamber, reference: SWMH4

Section Inspection - 06/11/2024 - SWMH3X

Item No. 30	Insp. No. 30	Date 06/11/24	Time 15:50	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH3X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	SWMH3
Road:	Central Ave	Inspected Length:	12.67 m	Upstream Pipe Depth:	
Location:		Total Length:	12.67 m	Downstream Node:	SWMH4
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.300 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:110 Position [m]

Depth: 1.30 m
SWMH4

0.00

0.00

1.96

9.47

12.67

SWMH3
Depth: m

Code	Observation	MPEG	Photo	Grade
IC	Start node, inspection chamber, reference: SWMH4	00:00:00	139.jpg	
WL	Water level, 0% of the vertical dimension	00:00:02	140.jpg	
JN	Junction at 2 o'clock, diameter: 100mm	00:00:10	141.jpg	
JN	Junction at 2 o'clock, diameter: 100mm	00:00:22	142.jpg	
ICF	Finish node, inspection chamber, reference: SWMH3	00:00:29	143.jpg	

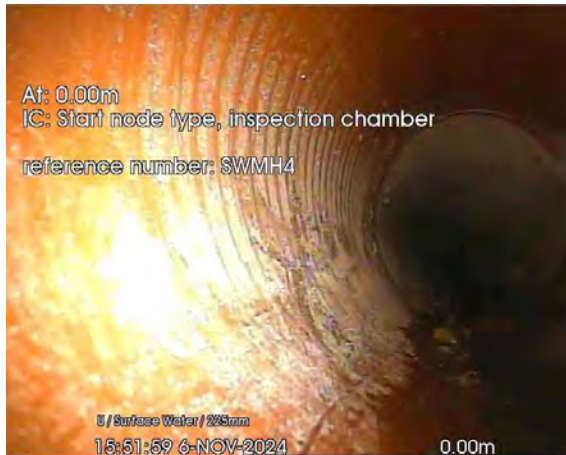
PCW DRAIN SERVICES LTD

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

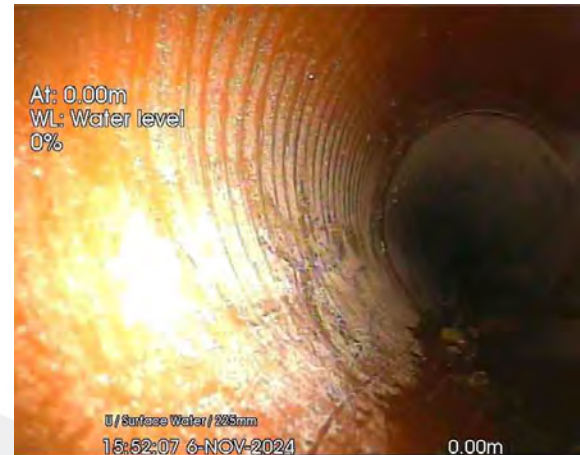


Section Pictures - 06/11/2024 - SWMH3X

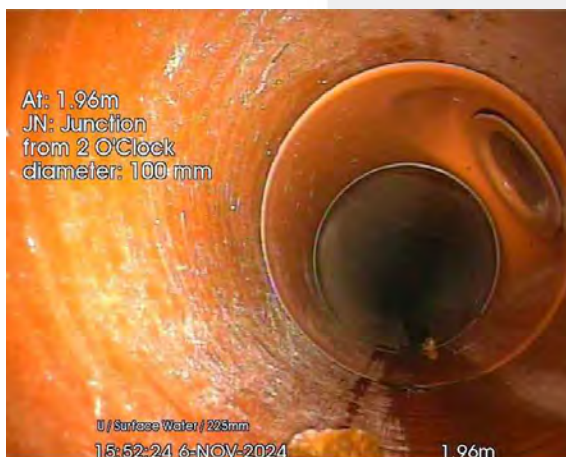
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
30	Upstream	SWMH3X	01	



139.jpg, 00:00:00, 0.00 m
Start node, inspection chamber, reference: SWMH4



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



141.jpg, 00:00:10, 1.96 m
Junction at 2 o'clock, diameter: 100mm



142.jpg, 00:00:22, 9.47 m
Junction at 2 o'clock, diameter: 100mm



Section Pictures - 06/11/2024 - SWMH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
30	Upstream	SWMH3X	01	



143.jpg, 00:00:29, 12.67 m
Finish node, inspection chamber, reference: SWMH3

PCW DRAIN SERVICES LTD



Section Inspection - 06/11/2024 - SWMH2X

Item No. 31	Insp. No. 31	Date 06/11/24	Time 15:53	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH2X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	SWMH2
Road:	Central Ave	Inspected Length:	3.83 m	Upstream Pipe Depth:	
Location:		Total Length:	3.83 m	Downstream Node:	SWMH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.200 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.02	IC	Start node, inspection chamber, reference: SWMH3	00:00:00	144.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:02	145.jpg	
		0.84	JN	Junction at 2 o'clock, diameter: 100mm	00:00:10	146.jpg	
		1.33	LL	Line deviates left	00:00:13	147.jpg	
		3.83	ICF	Finish node, inspection chamber, reference: SWMH2	00:00:23	148.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

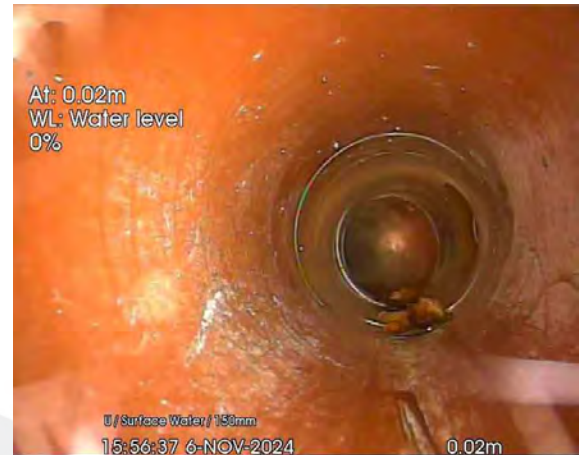


Section Pictures - 06/11/2024 - SWMH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
31	Upstream	SWMH2X	01	



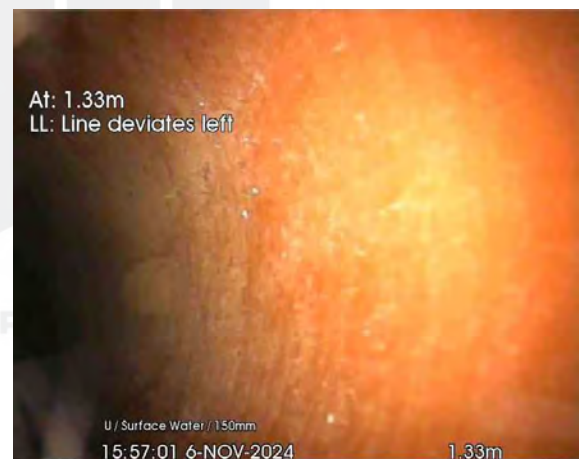
144.jpg, 00:00:00, 0.02 m
Start node, inspection chamber, reference: SWMH3



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



146.jpg, 00:00:10, 0.84 m
Junction at 2 o'clock, diameter: 100mm



147.jpg, 00:00:13, 1.33 m
Line deviates left



Section Pictures - 06/11/2024 - SWMH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
31	Upstream	SWMH2X	01	



148.jpg, 00:00:23, 3.83 m
Finish node, inspection chamber, reference: SWMH2



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Section Inspection - 06/11/2024 - RWPX

Item No. 32	Insp. No. 32	Date 06/11/24	Time 16:02	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.09 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.09 m	Downstream Node:	MAINLINE
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	IC	Start node, inspection chamber, reference: RWP	00:00:00	149.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	150.jpg	
		0.15	LU	Line deviates up	00:00:09	151.jpg	
		2.09	BRF	Finish node, major connection without manhole, reference: MAINLINE	00:00:20	152.jpg	

PCW DRAIN SERVICES LTD

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 - 06/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
32	Downstream	RWPX	01	



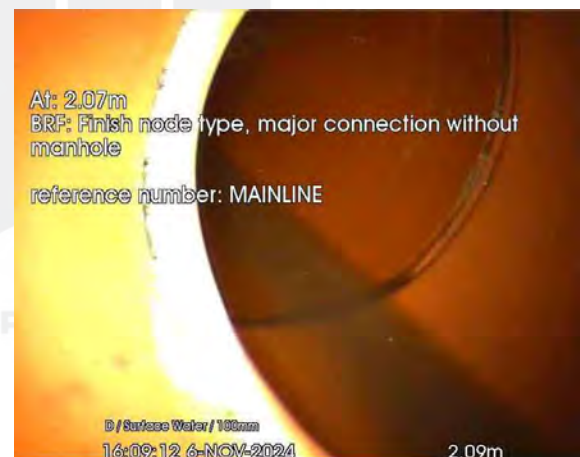
149.jpg, 00:00:00, 0.00 m
Start node, inspection chamber, reference: RWP



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



151.jpg, 00:00:09, 0.15 m
Line deviates up



152.jpg, 00:00:20, 2.09 m
Finish node, major connection without manhole, reference: MAINLINE



Section Inspection - 06/11/2024 - RWPX

Item No. 33	Insp. No. 33	Date 06/11/24	Time 16:09	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.60 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.60 m	Downstream Node:	MAINLINE
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	153.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	154.jpg	
		0.29	LU	Line deviates up	00:00:12	155.jpg	
		1.60	BRF	Finish node, major connection without manhole, reference: MAINLINE	00:00:20	156.jpg	

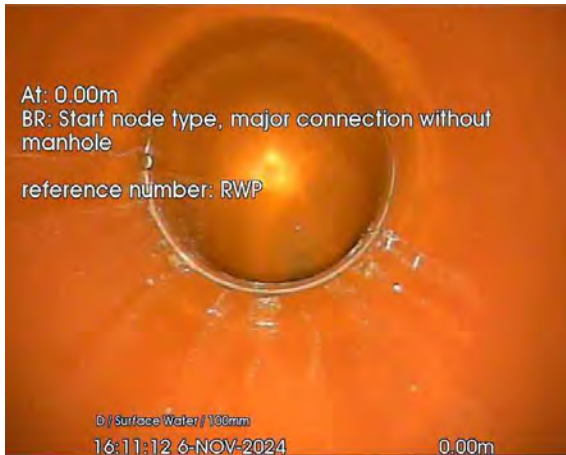
PCW DRAIN SERVICES LTD

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

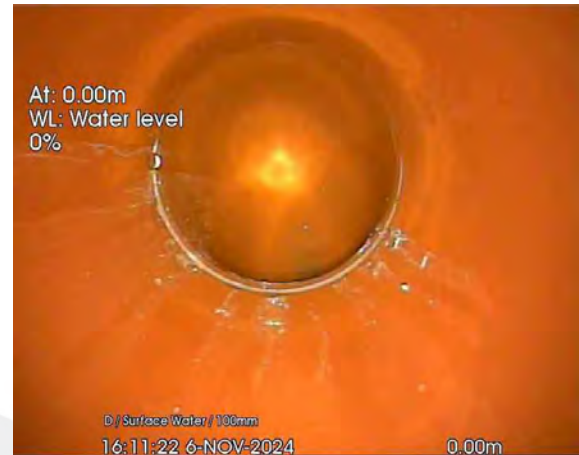


Section Pictures - 06/11/2024 - RWPX

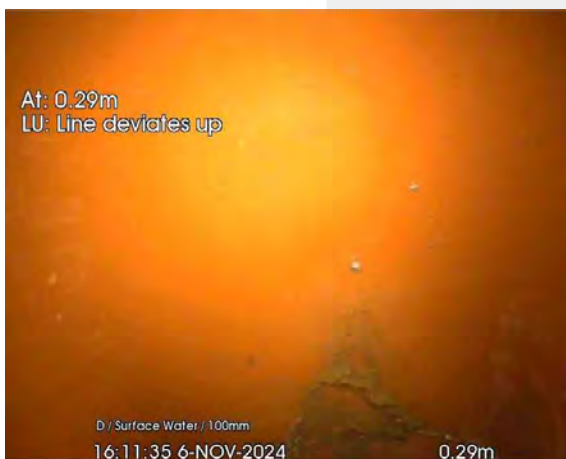
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
33	Downstream	RWPX	01	



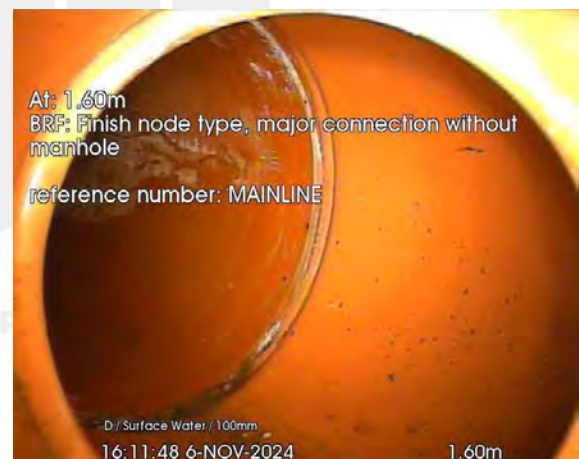
153.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



154.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



155.jpg, 00:00:12, 0.29 m
Line deviates up



156.jpg, 00:00:20, 1.60 m
Finish node, major connection without manhole, reference:
MAINLINE



Section Inspection - 07/11/2024 - RWPX

Item No. 34	Insp. No. 34	Date 07/11/24	Time 10:01	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	0.14 m	Upstream Pipe Depth:	
Location:		Total Length:	0.14 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
			BR	Start node, major connection without manhole, reference: RWP	00:00:02	157.jpg	
			WL	Water level, 0% of the vertical dimension	00:00:04	158.jpg	
			BRF	Finish node, major connection without manhole, reference: MAIN	00:00:32	159.jpg	

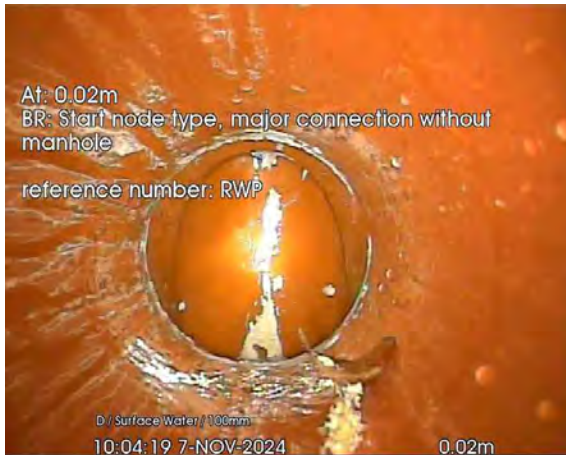
PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

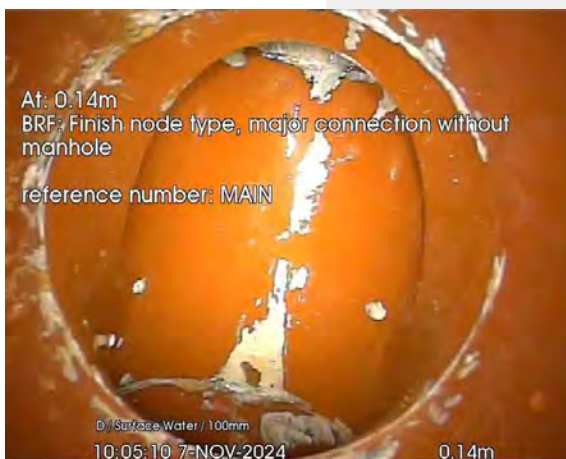
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
34	Downstream	RWPX	01	



157.jpg, 00:00:02, 0.02 m
Start node, major connection without manhole, reference:
RWP



158.jpg, 00:00:04, 0.02 m
Water level, 0% of the vertical dimension



159.jpg, 00:00:32, 0.14 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 35	Insp. No. 35	Date 07/11/24	Time 10:06	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.24 m	Upstream Pipe Depth:	
Location:		Total Length:	2.24 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:03	160.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	161.jpg	
		0.33	LD	Line deviates down	00:00:17	162.jpg	
		1.51	JN	Junction at 12 o'clock, diameter: 100mm	00:00:41	163.jpg	
		2.24	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:52	164.jpg	

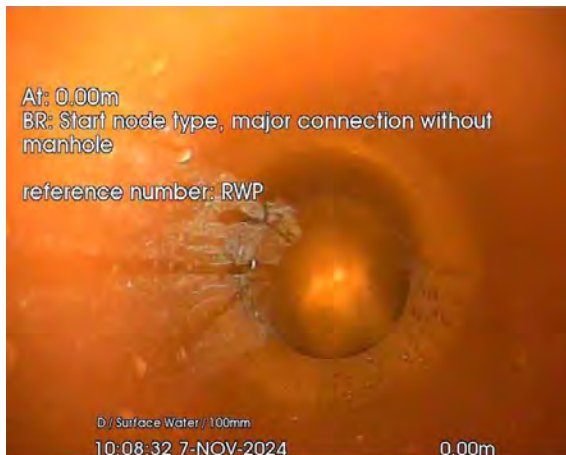
PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

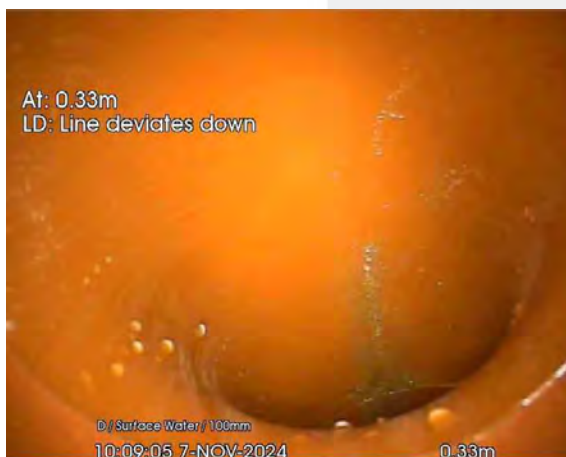
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
35	Downstream	RWPX	01	



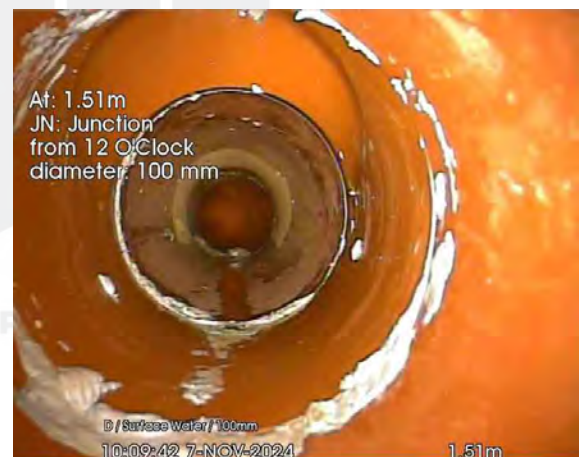
160.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



161.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



162.jpg, 00:00:17, 0.33 m
Line deviates down

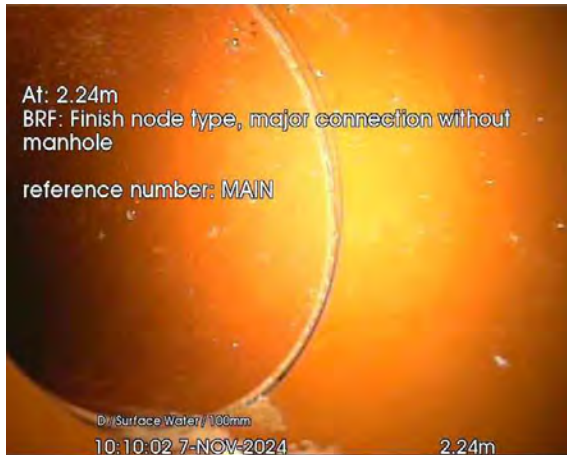


163.jpg, 00:00:41, 1.51 m
Junction at 12 o'clock, diameter: 100mm



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
35	Downstream	RWPX	01	



164.jpg, 00:00:52, 2.24 m
Finish node, major connection without manhole, reference:
MAIN

PCW DRAIN SERVICES LTD



Section Inspection - 07/11/2024 - RWPX

Item No. 36	Insp. No. 36	Date 07/11/24	Time 10:12	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	5.19 m	Upstream Pipe Depth:	
Location:		Total Length:	5.19 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
RWP							
0.00		BR	Start node, major connection without manhole, reference:	00:00:03	165.jpg		
0.00		WL	Water level, 0% of the vertical dimension	00:00:05	166.jpg		
0.46		LU	Line deviates up	00:00:12	167.jpg		
4.06		LR	Line deviates right	00:00:29	168.jpg		
4.20		JN	Junction at 9 o'clock, diameter: 100mm	00:00:33	169.jpg		
5.19		BRF	Finish node, major connection without manhole, reference:	00:00:43	170.jpg		
MAIN			MAIN				
Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

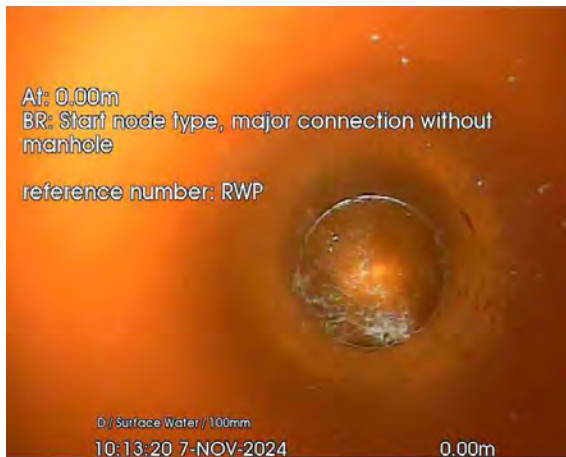
Service & Operational Observations

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



Section Pictures - 07/11/2024 - RWPX

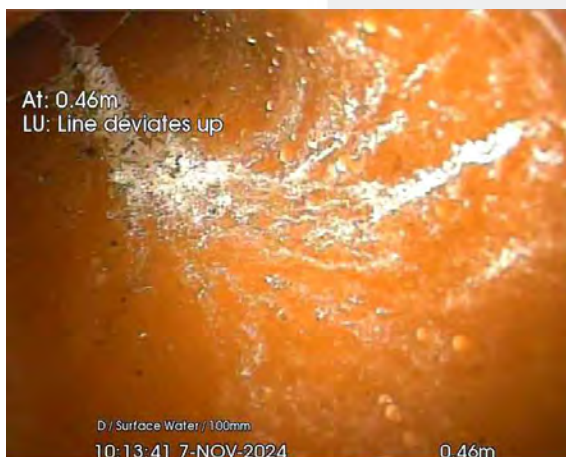
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
36	Downstream	RWPX	01	



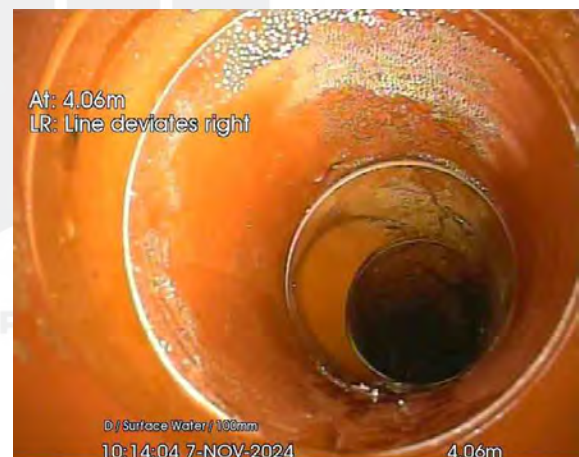
165.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



166.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



167.jpg, 00:00:12, 0.46 m
Line deviates up

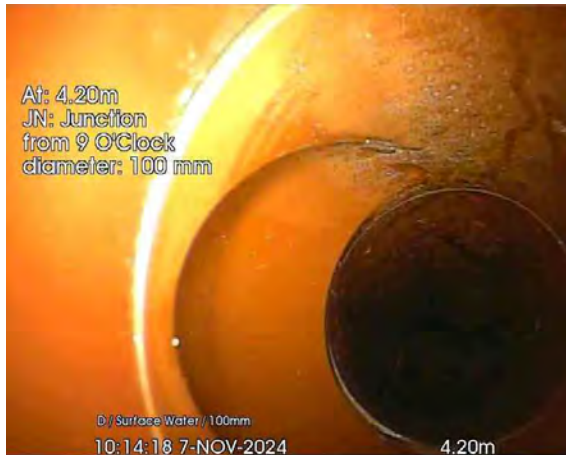


168.jpg, 00:00:29, 4.06 m
Line deviates right

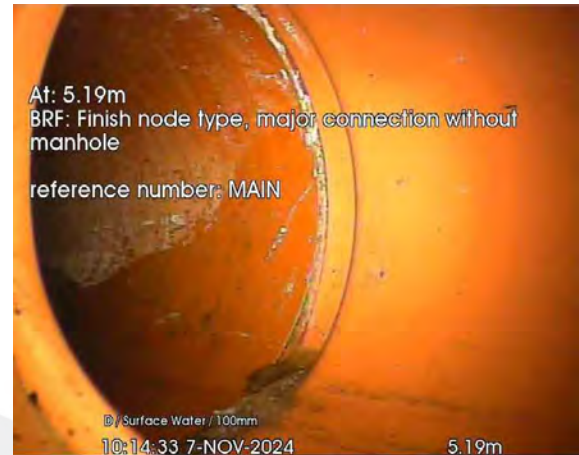


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
36	Downstream	RWPX	01	



169.jpg, 00:00:33, 4.20 m
Junction at 9 o'clock, diameter: 100mm



170.jpg, 00:00:43, 5.19 m
Finish node, major connection without manhole, reference: MAIN

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Section Inspection - 07/11/2024 - RWPX

Item No. 37	Insp. No. 37	Date 07/11/24	Time 10:19	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.04 m	Upstream Pipe Depth:	
Location:		Total Length:	3.04 m	Downstream Node:	SWMH 04
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:02	171.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	172.jpg	
		0.27	DEC	Settled deposits, hard or compacted, 5% cross-sectional area loss: SCREED	00:00:11	173.jpg	2
		1.90	JN	Junction at 3 o'clock, diameter: 100mm	00:00:20	174.jpg	
		3.04	BRF	Finish node, major connection without manhole, reference: SWMH 04	00:00:29	175.jpg	

Construction Features

Structural Defects

Miscellaneous Features

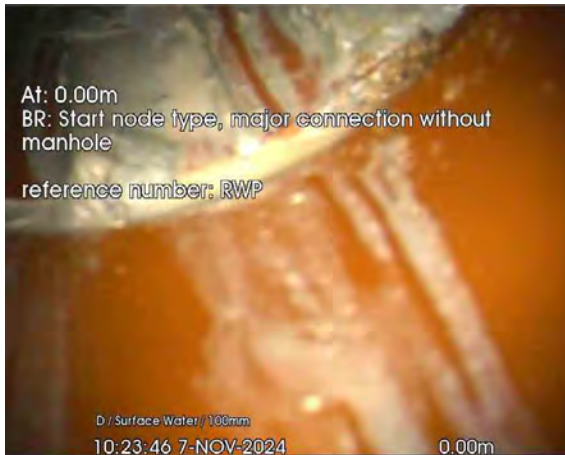
Service & Operational Observations

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	1	1.0	0.3	1.0	2.0

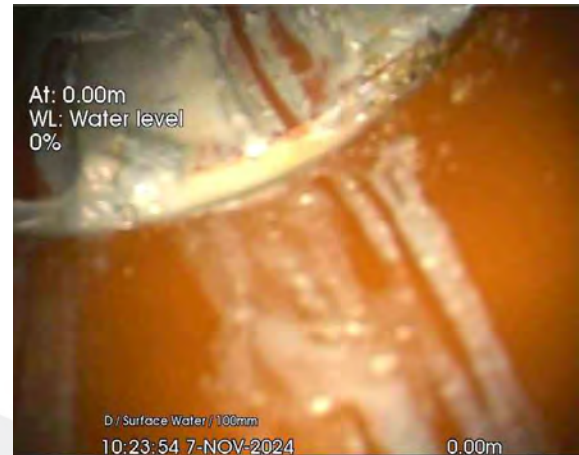


Section Pictures - 07/11/2024 - RWPX

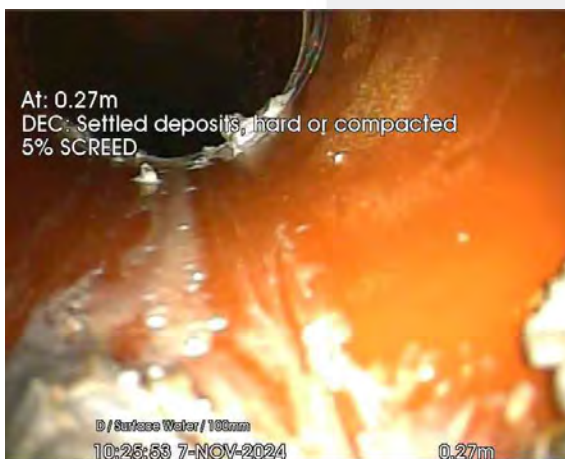
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
37	Downstream	RWPX	01	



171.jpg, 00:00:02, 0.00 m
Start node, major connection without manhole, reference:
RWP



172.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



173.jpg, 00:00:11, 0.27 m
Settled deposits, hard or compacted, 5% cross-sectional area
loss, SCREED

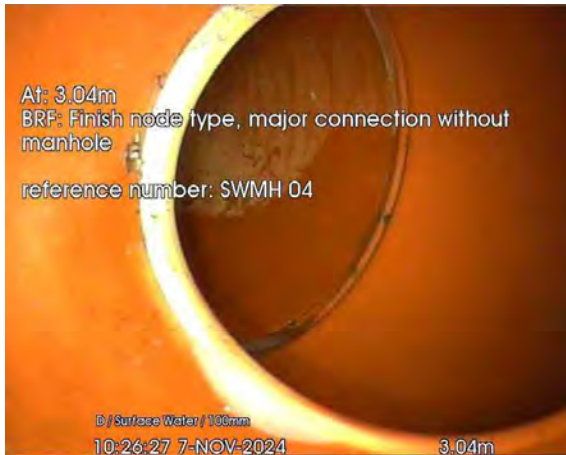


174.jpg, 00:00:20, 1.90 m
Junction at 3 o'clock, diameter: 100mm

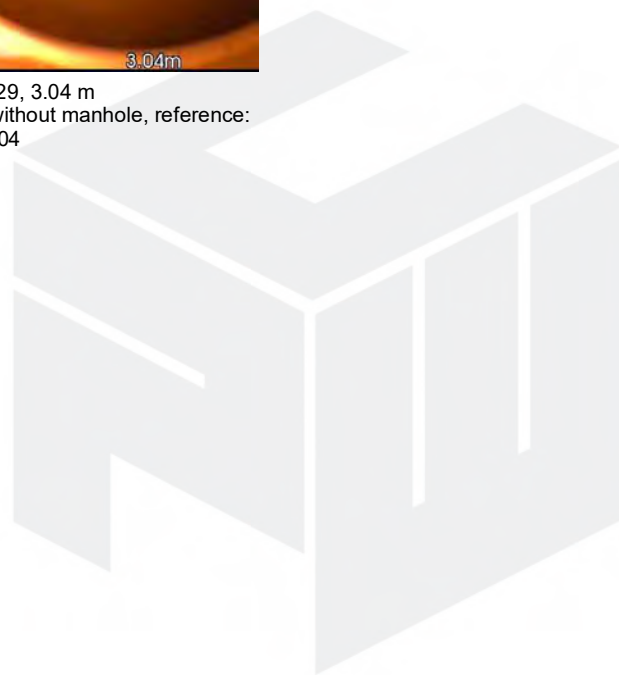


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
37	Downstream	RWPX	01	



175.jpg, 00:00:29, 3.04 m
Finish node, major connection without manhole, reference:
SWMH 04



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Section Inspection - 07/11/2024 - RWPX

Item No. 38	Insp. No. 38	Date 07/11/24	Time 10:28	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.94 m	Upstream Pipe Depth:	
Location:		Total Length:	2.94 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations		Lining Material:	No Lining	

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:04	176.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	177.jpg	
		0.45	LD	Line deviates down	00:00:13	178.jpg	
		2.63	LL	Line deviates left	00:00:26	179.jpg	
		2.94	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:31	180.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 - 07/11/2024 - RWPX

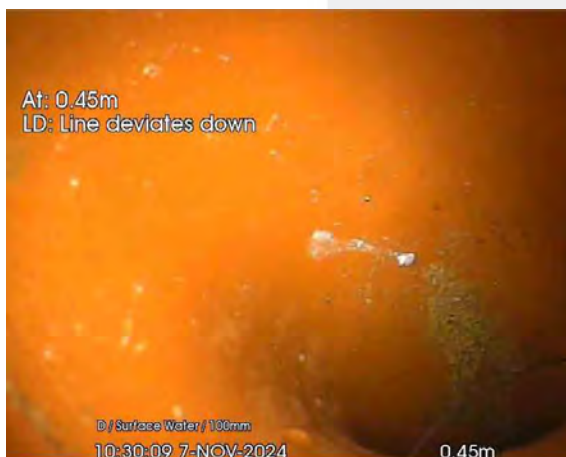
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
38	Downstream	RWPX	01	



176.jpg, 00:00:04, 0.00 m
Start node, major connection without manhole, reference:
RWP



177.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



178.jpg, 00:00:13, 0.45 m
Line deviates down

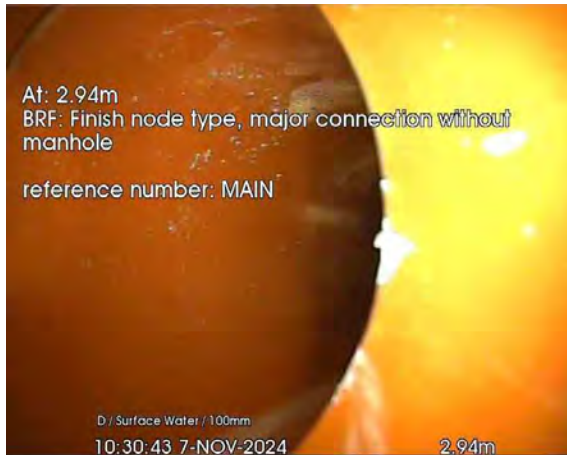


179.jpg, 00:00:26, 2.63 m
Line deviates left



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
38	Downstream	RWPX	01	



180.jpg, 00:00:31, 2.94 m
Finish node, major connection without manhole, reference:
MAIN

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Section Inspection - 07/11/2024 - RVPX

Item No. 39	Insp. No. 39	Date 07/11/24	Time 10:32	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RVPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RVP
Road:	Central Ave	Inspected Length:	2.74 m	Upstream Pipe Depth:	
Location:		Total Length:	2.74 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
			BR	Start node, major connection without manhole, reference: RVP	00:00:02	181.jpg	
			WL	Water level, 0% of the vertical dimension	00:00:05	182.jpg	
			LL	Line deviates left	00:00:09	183.jpg	
			BRF	Finish node, major connection without manhole, reference: MAIN	00:00:22	184.jpg	

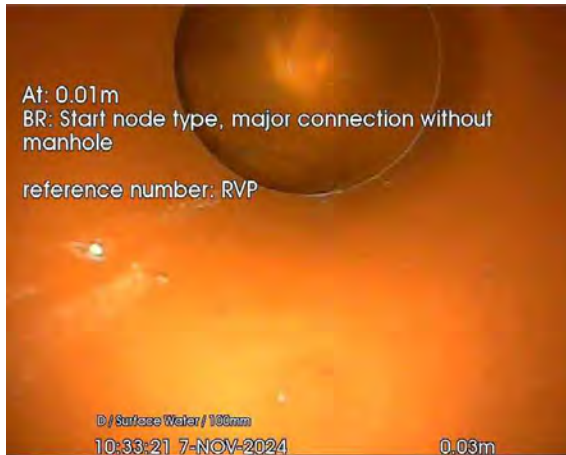
PCW DRAIN SERVICES LTD

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

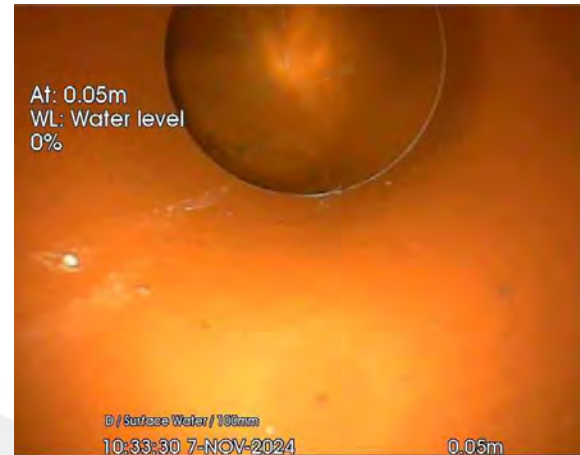


Section Pictures - 07/11/2024 - RVPX

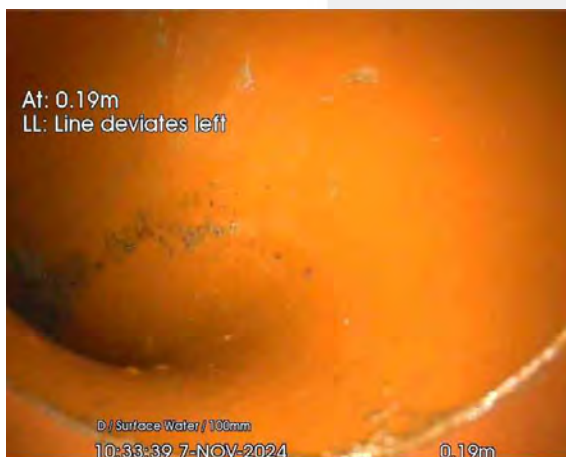
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
39	Downstream	RVPX	01	



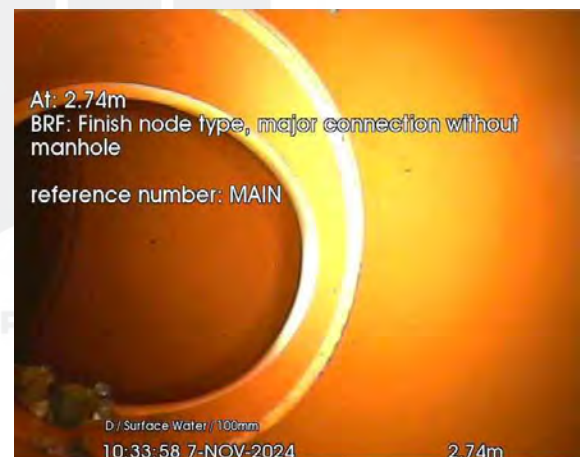
181.jpg, 00:00:02, 0.03 m
Start node, major connection without manhole, reference:
RVP



182.jpg, 00:00:05, 0.05 m
Water level, 0% of the vertical dimension



183.jpg, 00:00:09, 0.19 m
Line deviates left



184.jpg, 00:00:22, 2.74 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RVPX

Item No. 40	Insp. No. 40	Date 07/11/24	Time 10:35	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RVPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RVP
Road:	Central Ave	Inspected Length:	3.14 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.14 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

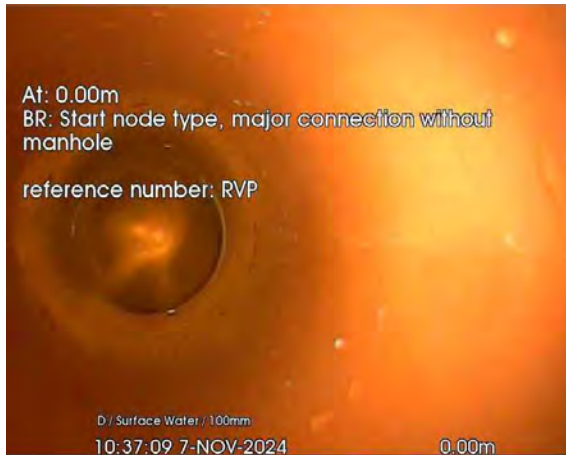
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RVP	00:00:02	185.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:04	186.jpg	
		0.56	LR	Line deviates right	00:00:09	187.jpg	
		1.84	LL	Line deviates left	00:00:19	188.jpg	
		3.14	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:32	189.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 - 07/11/2024 - RVPX

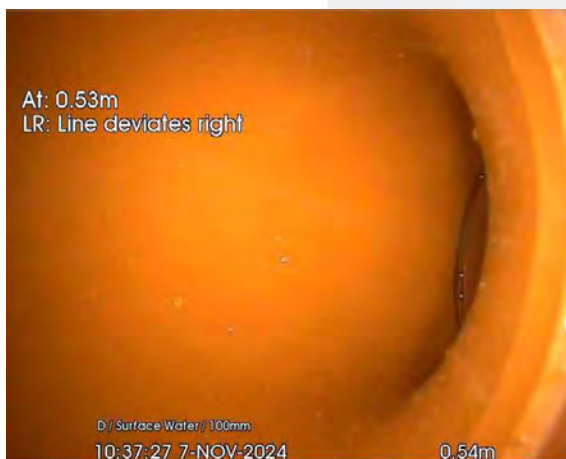
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
40	Downstream	RVPX	01	



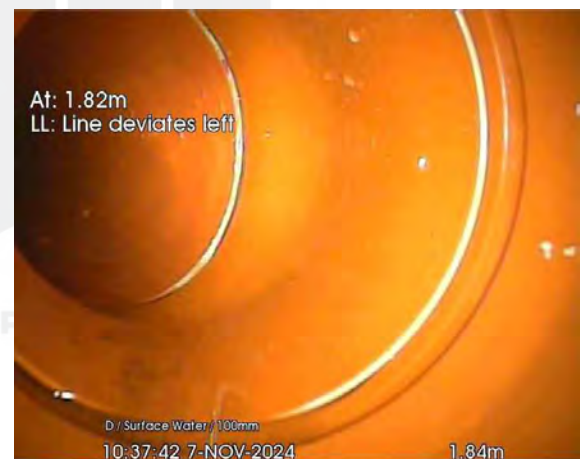
185.jpg, 00:00:02, 0.00 m
Start node, major connection without manhole, reference:
RVP



186.jpg, 00:00:04, 0.02 m
Water level, 0% of the vertical dimension



187.jpg, 00:00:09, 0.56 m
Line deviates right



188.jpg, 00:00:19, 1.84 m
Line deviates left



Section Pictures - 07/11/2024 - RVPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
40	Downstream	RVPX	01	



189.jpg, 00:00:32, 3.14 m
Finish node, major connection without manhole, reference:
MAIN

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Section Inspection - 07/11/2024 - RWPX

Item No. 41	Insp. No. 41	Date 07/11/24	Time 10:39	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.34 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.34 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m							
RWP							
0.00							
BR Start node, major connection without manhole, reference: RWP							
00:00:01 190.jpg							
0.00							
WL Water level, 0% of the vertical dimension							
00:00:03 191.jpg							
0.48							
LD Line deviates down							
00:00:07 192.jpg							
2.34							
BRF Finish node, major connection without manhole, reference: MAIN							
00:00:15 193.jpg							
MAIN							
Depth: m							

PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

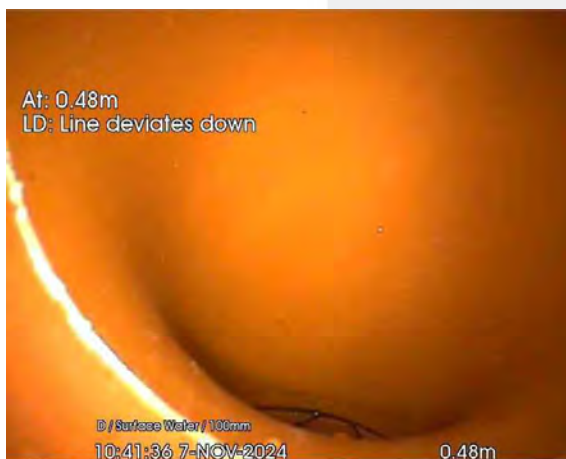
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
41	Downstream	RWPX	01	



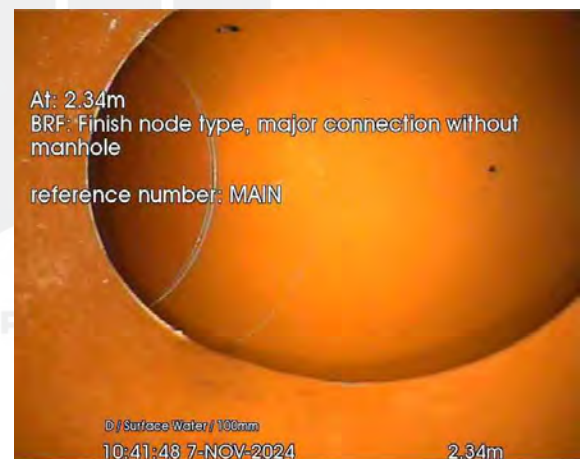
190.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



192.jpg, 00:00:07, 0.48 m
Line deviates down



193.jpg, 00:00:15, 2.34 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 42	Insp. No. 42	Date 07/11/24	Time 10:51	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.52 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.52 m	Downstream Node:	SWMH 02
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
			BR	Start node, major connection without manhole, reference: RWP	00:00:01	194.jpg	
			WL	Water level, 0% of the vertical dimension	00:00:03	195.jpg	
			LD	Line deviates down	00:00:06	196.jpg	
			BRF	Finish node, major connection without manhole, reference: SWMH 02	00:00:17	197.jpg	

Construction Features

Structural Defects

Miscellaneous Features

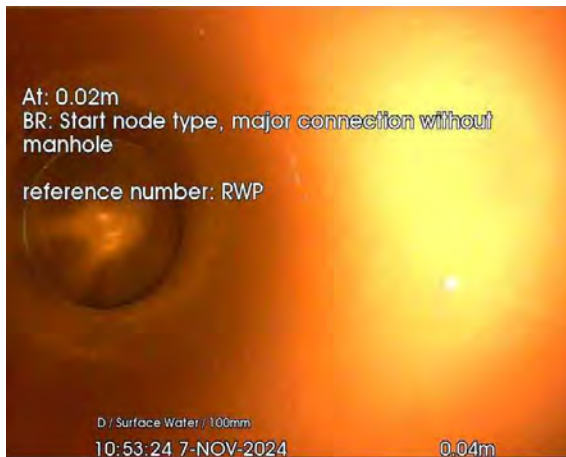
Service & Operational Observations

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 - 07/11/2024 - RWPX

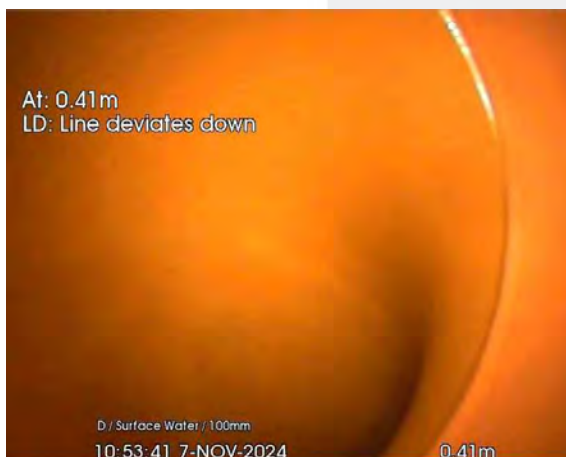
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
42	Downstream	RWPX	01	



194.jpg, 00:00:01, 0.04 m
Start node, major connection without manhole, reference:
RWP



195.jpg, 00:00:03, 0.06 m
Water level, 0% of the vertical dimension



196.jpg, 00:00:06, 0.41 m
Line deviates down



197.jpg, 00:00:17, 2.52 m
Finish node, major connection without manhole, reference:
SWMH 02



Section Inspection - 07/11/2024 - SWMH 01X

Item No. 43	Insp. No. 43	Date 07/11/24	Time 10:55	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 01X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	SWMH 01
Road:	Central Ave	Inspected Length:	15.88 m	Upstream Pipe Depth:	
Location:		Total Length:	15.88 m	Downstream Node:	SWMH 02
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.470 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:138	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.47 m SWMH 02						
	0.00	IC	Start node, inspection chamber, reference: SWMH 02	00:00:02	198.jpg	
	0.00	WL	Water level, 0% of the vertical dimension	00:00:04	199.jpg	
	3.72	JN	Junction at 10 o'clock, diameter: 100mm	00:00:17	200.jpg	
	8.36	JN	Junction at 4 o'clock, diameter: 100mm	00:00:27	201.jpg	
	15.88	ICF	Finish node, inspection chamber, reference: SWMH 01	00:00:46	202.jpg	
SWMH 01 Depth: m						

Construction Features

Structural Defects

Miscellaneous Features

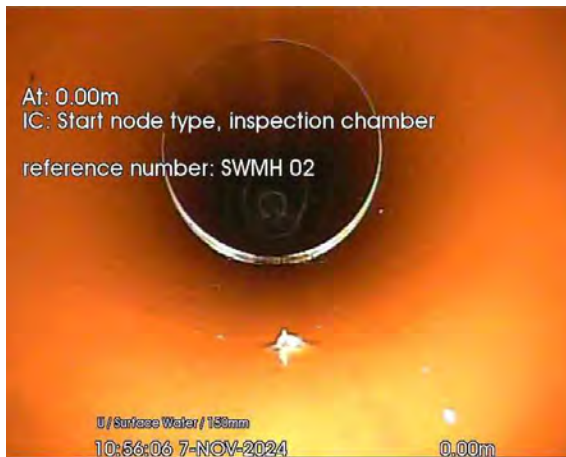
Service & Operational Observations

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



Section Pictures - 07/11/2024 - SWMH 01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
43	Upstream	SWMH 01X	01	



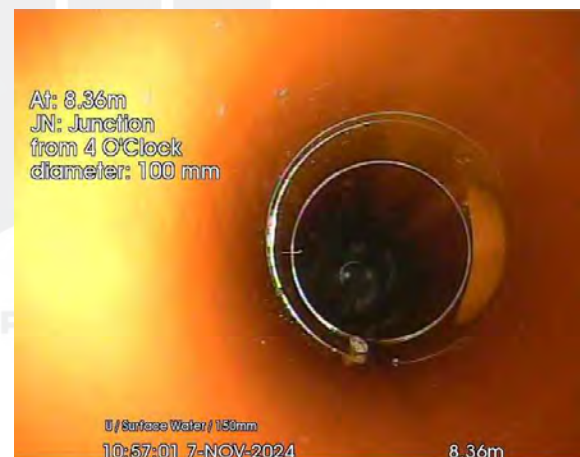
198.jpg, 00:00:02, 0.00 m
Start node, inspection chamber, reference: SWMH 02



199.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



200.jpg, 00:00:17, 3.72 m
Junction at 10 o'clock, diameter: 100mm



201.jpg, 00:00:27, 8.36 m
Junction at 4 o'clock, diameter: 100mm



Section Pictures - 07/11/2024 - SWMH 01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
43	Upstream	SWMH 01X	01	



202.jpg, 00:00:46, 15.88 m
Finish node, inspection chamber, reference: SWMH 01

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Section Inspection - 07/11/2024 - GULLYX

Item No. 44	Insp. No. 44	Date 07/11/24	Time 10:59	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR GULLYX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	GULLY
Road:	Central Ave	Inspected Length:	0.83 m	Upstream Pipe Depth:	
Location:		Total Length:	0.83 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	GY	Start node, gully, reference: GULLY	00:00:03	203.jpg	
		0.10	WL	Water level, 0% of the vertical dimension	00:00:07	204.jpg	
		0.83	GYF	Finish node, gully, reference: MAIN	00:00:18	205.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

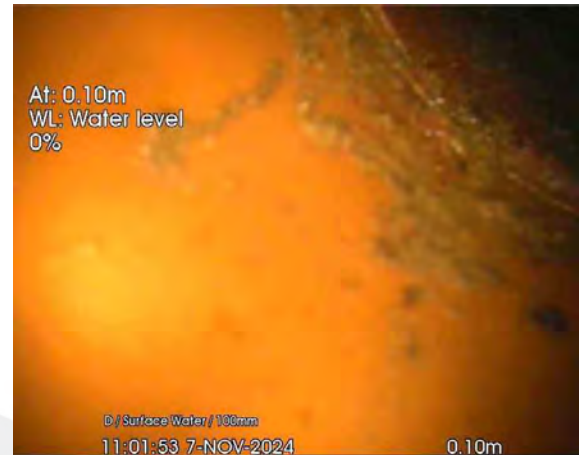


Section Pictures - 07/11/2024 - GULLYX

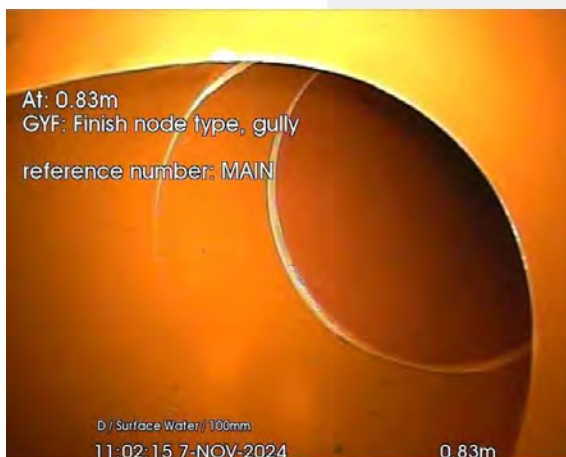
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
44	Downstream	GULLYX	01	



203.jpg, 00:00:03, 0.00 m
Start node, gully, reference: GULLY



204.jpg, 00:00:07, 0.10 m
Water level, 0% of the vertical dimension



205.jpg, 00:00:18, 0.83 m
Finish node, gully, reference: MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 45	Insp. No. 45	Date 07/11/24	Time 11:03	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.05 m	Upstream Pipe Depth:	
Location:		Total Length:	2.05 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.02	BR	Start node, major connection without manhole, reference: RWP	00:00:03	206.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:05	207.jpg	
		0.23	LD	Line deviates down	00:00:09	208.jpg	
		2.05	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:19	209.jpg	

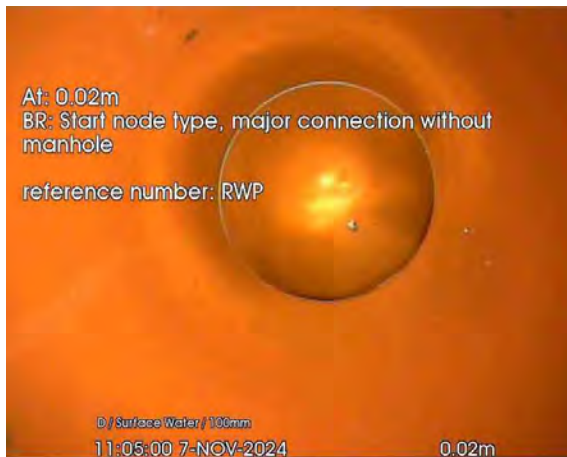
PCW DRAIN SERVICES LTD

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

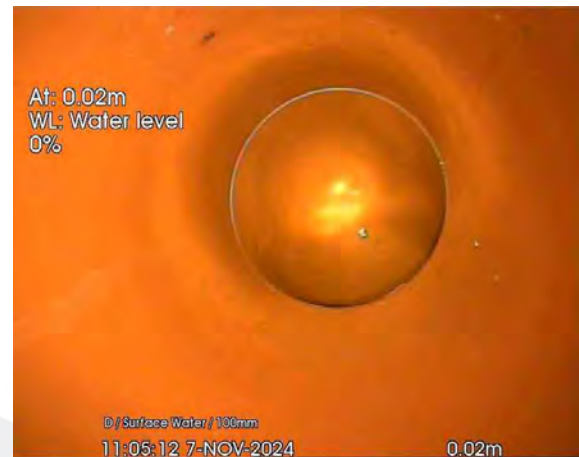


Section Pictures - 07/11/2024 - RWPX

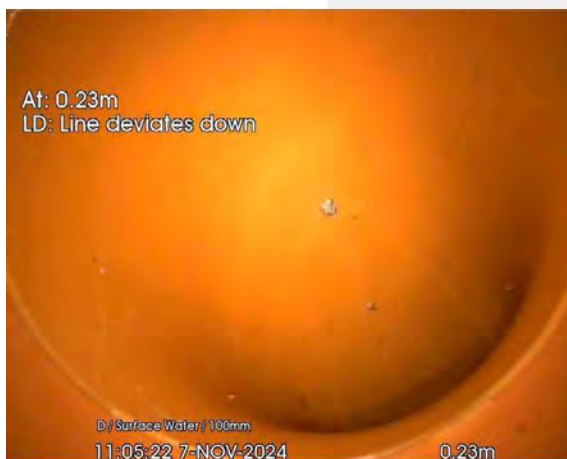
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
45	Downstream	RWPX	01	



206.jpg, 00:00:03, 0.02 m
Start node, major connection without manhole, reference:
RWP



207.jpg, 00:00:05, 0.02 m
Water level, 0% of the vertical dimension



208.jpg, 00:00:09, 0.23 m
Line deviates down



209.jpg, 00:00:19, 2.05 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 46	Insp. No. 46	Date 07/11/24	Time 11:07	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.04 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.04 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.02	BR	Start node, major connection without manhole, reference: RWP	00:00:00	210.jpg	
		0.04	WL	Water level, 0% of the vertical dimension	00:00:02	211.jpg	
		0.19	LR	Line deviates right	00:00:05	212.jpg	
		1.04	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:14	213.jpg	

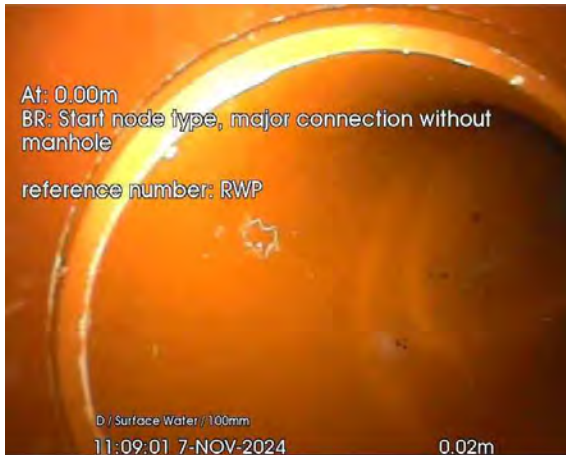
PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

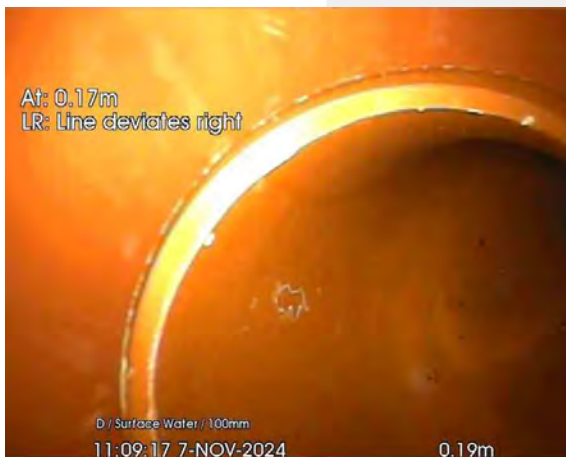
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
46	Downstream	RWPX	01	



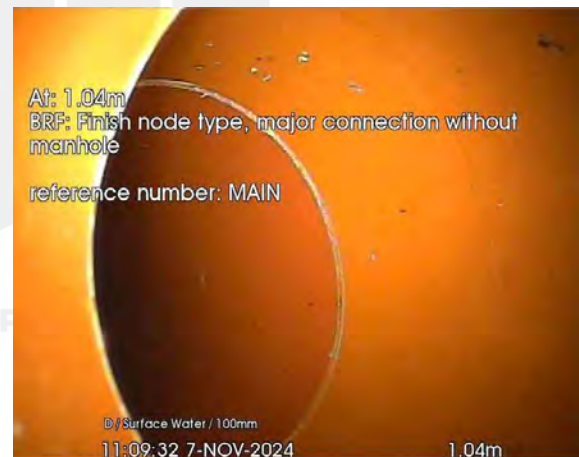
210.jpg, 00:00:00, 0.02 m
Start node, major connection without manhole, reference:
RWP



211.jpg, 00:00:02, 0.04 m
Water level, 0% of the vertical dimension



212.jpg, 00:00:05, 0.19 m
Line deviates right



213.jpg, 00:00:14, 1.04 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - GULLYX

Item No. 47	Insp. No. 47	Date 07/11/24	Time 11:10	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR GULLYX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	GULLY
Road:	Central Ave	Inspected Length:	0.58 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	0.58 m	Downstream Node:	SWMH 01
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.04	BR	Start node, major connection without manhole, reference: GULLY	00:00:02	214.jpg	
		0.04	WL	Water level, 0% of the vertical dimension	00:00:04	215.jpg	
		0.13	LL	Line deviates left	00:00:08	216.jpg	
		0.58	BRF	Finish node, major connection without manhole, reference: SWMH 01	00:00:13	217.jpg	

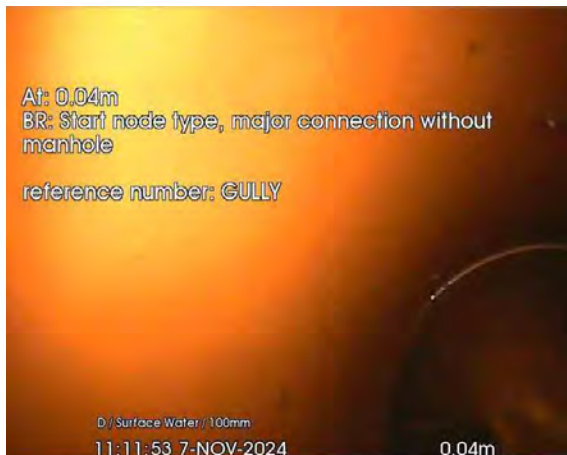
PCW DRAIN SERVICES LTD

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 - 07/11/2024 - GULLYX

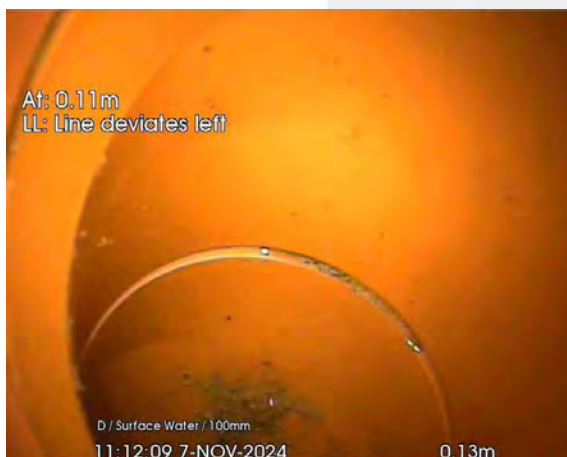
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
47	Downstream	GULLYX	01	



214.jpg, 00:00:02, 0.04 m
Start node, major connection without manhole, reference:
GULLY



215.jpg, 00:00:04, 0.04 m
Water level, 0% of the vertical dimension



216.jpg, 00:00:08, 0.13 m
Line deviates left



217.jpg, 00:00:13, 0.58 m
Finish node, major connection without manhole, reference:
SWMH 01



Section Inspection - 07/11/2024 - RODDING EYEX

Item No. 48	Insp. No. 48	Date 07/11/24	Time 11:27	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RODDING EYEX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	RODDING EYE
Road:	Central Ave	Inspected Length:	8.03 m	Upstream Pipe Depth:	
Location:		Total Length:	8.03 m	Downstream Node:	SWMH 01
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.550 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:70	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.55 m SWMH 01							
		0.00	IC	Start node, inspection chamber, reference: SWMH 01	00:00:01	218.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	219.jpg	
		0.00	JN	Junction at 3 o'clock, diameter: 100mm	00:00:04	220.jpg	
		5.69	JN	Junction at 3 o'clock, diameter: 100mm	00:00:20	221.jpg	
		6.48	JN	Junction at 3 o'clock, diameter: 100mm	00:00:25	222.jpg	
		6.52	WL	Water level, 20% of the vertical dimension	00:00:28	223.jpg	
		7.16	JN	Junction at 3 o'clock, diameter: 100mm	00:00:37	224.jpg	
		7.46	LU	Line deviates up	00:00:49	225.jpg	
RODDING EYE Depth: m		8.03	ICF	Finish node, inspection chamber, reference: RODDING EYE	00:00:55	226.jpg	

Construction Features

Structural Defects

Miscellaneous Features

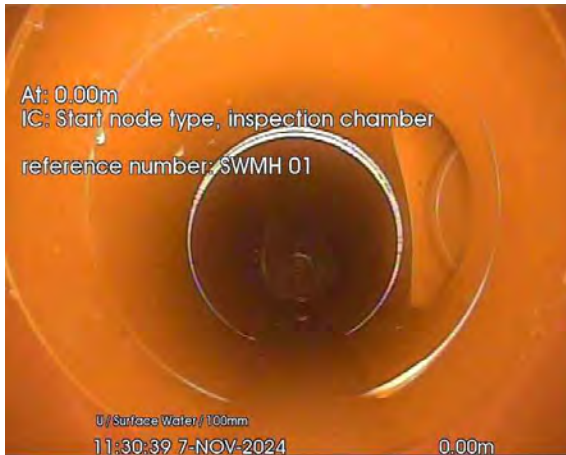
Service & Operational Observations

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 - 07/11/2024 - RODDING EYEX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
48	Upstream	RODDING EYEX	01	



218.jpg, 00:00:01, 0.00 m
Start node, inspection chamber, reference: SWMH 01



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



220.jpg, 00:00:04, 0.00 m
Junction at 3 o'clock, diameter: 100mm



221.jpg, 00:00:20, 5.69 m
Junction at 3 o'clock, diameter: 100mm

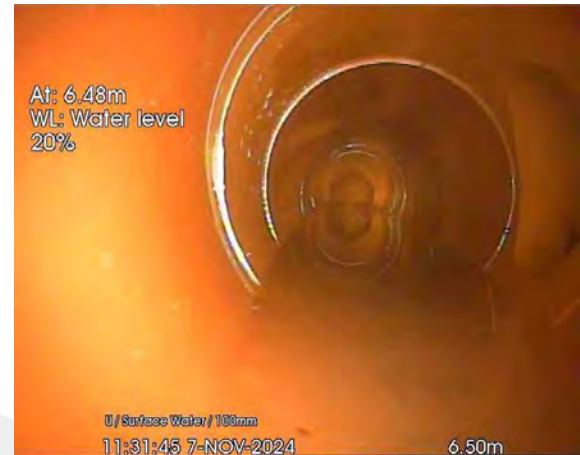


Section Pictures - 07/11/2024 - RODDING EYEX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
48	Upstream	RODDING EYEX	01	



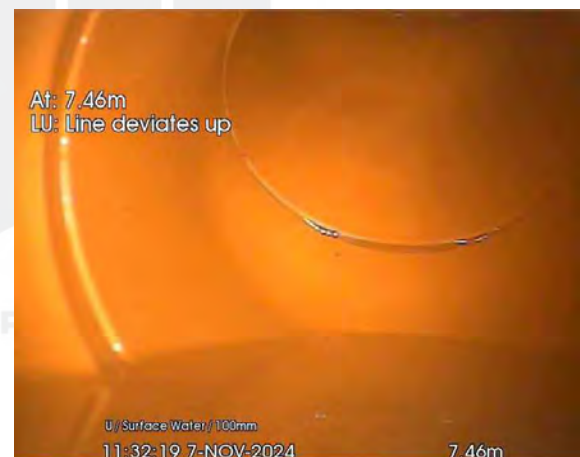
222.jpg, 00:00:25, 6.48 m
Junction at 3 o'clock, diameter: 100mm



223.jpg, 00:00:28, 6.52 m
Water level, 20% of the vertical dimension



224.jpg, 00:00:37, 7.16 m
Junction at 3 o'clock, diameter: 100mm



225.jpg, 00:00:49, 7.46 m
Line deviates up



Section Pictures - 07/11/2024 - RODDING EYEX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
48	Upstream	RODDING EYEX	01	



226.jpg, 00:00:55, 8.03 m
Finish node, inspection chamber, reference: RODDING EYE

PCW DRAIN SERVICES LTD



Section Inspection - 07/11/2024 - RWPX

Item No. 49	Insp. No. 49	Date 07/11/24	Time 11:34	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	0.71 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	0.71 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:03	227.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	228.jpg	
		0.29	LR	Line deviates right	00:00:09	229.jpg	
		0.71	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:12	230.jpg	

PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

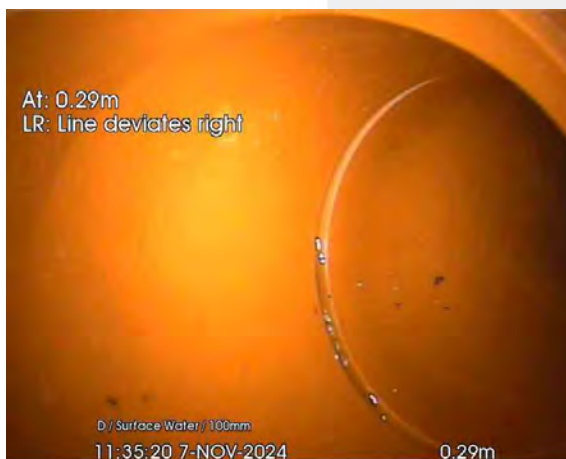
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
49	Downstream	RWPX	01	



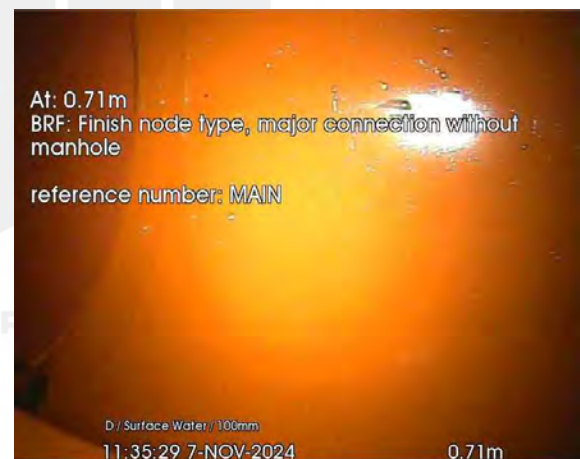
227.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



228.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



229.jpg, 00:00:09, 0.29 m
Line deviates right



230.jpg, 00:00:12, 0.71 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 50	Insp. No. 50	Date 07/11/24	Time 11:36	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	0.62 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	0.62 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.02	BR	Start node, major connection without manhole, reference: RWP	00:00:01	231.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:03	232.jpg	
		0.27	LR	Line deviates right	00:00:06	233.jpg	
		0.62	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:11	234.jpg	

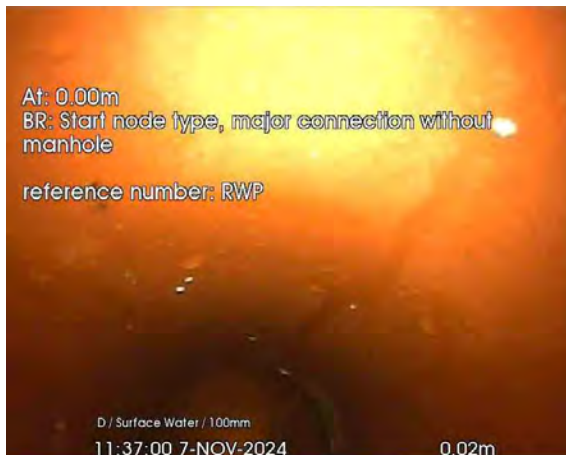
PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
50	Downstream	RWPX	01	



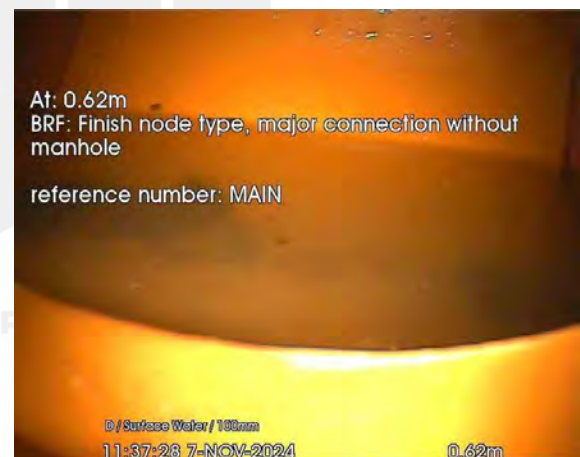
231.jpg, 00:00:01, 0.02 m
Start node, major connection without manhole, reference:
RWP



232.jpg, 00:00:03, 0.02 m
Water level, 0% of the vertical dimension



233.jpg, 00:00:06, 0.27 m
Line deviates right



234.jpg, 00:00:11, 0.62 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 51	Insp. No. 51	Date 07/11/24	Time 11:40	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.13 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.13 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	235.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	236.jpg	
		0.18	LR	Line deviates right	00:00:06	237.jpg	
		1.13	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:16	238.jpg	

Construction Features

Structural Defects

Miscellaneous Features

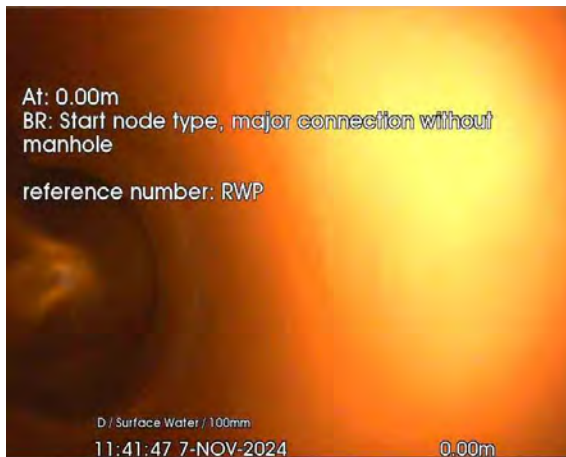
Service & Operational Observations

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 - 07/11/2024 - RWPX

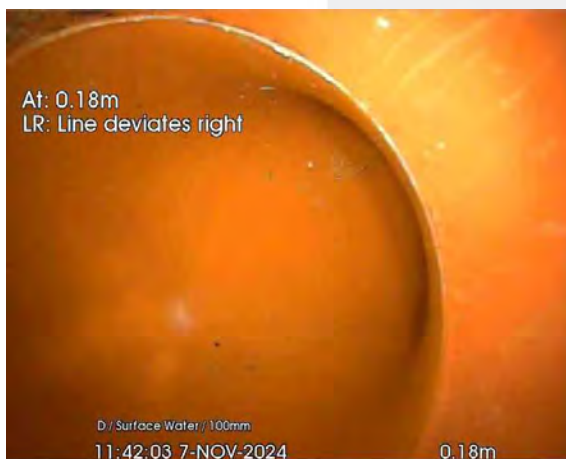
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
51	Downstream	RWPX	01	



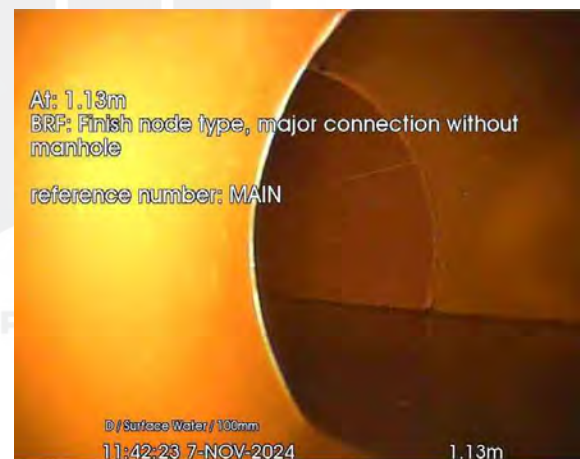
235.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



237.jpg, 00:00:06, 0.18 m
Line deviates right



238.jpg, 00:00:16, 1.13 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - GULLYX

Item No. 52	Insp. No. 52	Date 07/11/24	Time 11:43	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR GULLYX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	GULLY
Road:	Central Ave	Inspected Length:	0.21 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	0.21 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	GY	Start node, gully, reference: GULLY	00:00:00	239.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02	240.jpg	
		0.21	GYF	Finish node, gully, reference: MAIN	00:00:06	241.jpg	

PCW DRAIN SERVICES LTD

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 - 07/11/2024 - GULLYX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
52	Downstream	GULLYX	01	



239.jpg, 00:00:00, 0.00 m
Start node, gully, reference: GULLY



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



241.jpg, 00:00:06, 0.21 m
Finish node, gully, reference: MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 53	Insp. No. 53	Date 07/11/24	Time 11:46	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	6.08 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	6.08 m	Downstream Node:	SWMH 10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:53	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	242.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	243.jpg	
		0.00	LL	Line deviates left	00:00:06	244.jpg	
		5.73	LR	Line deviates right	00:00:25	245.jpg	
		6.08	BRF	Finish node, major connection without manhole, reference: SWMH 10	00:00:29	246.jpg	

Construction Features

Structural Defects

Miscellaneous Features

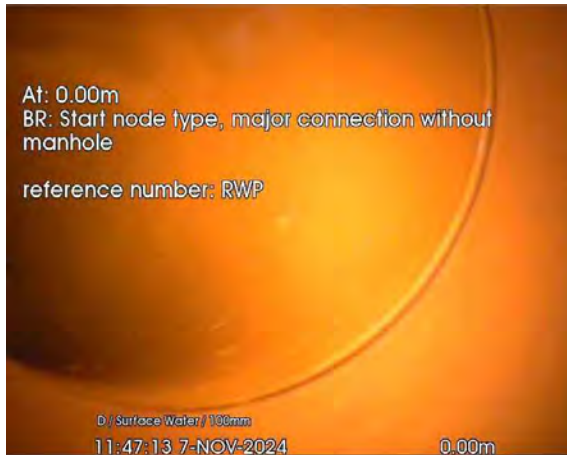
Service & Operational Observations

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 - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
53	Downstream	RWPX	01	



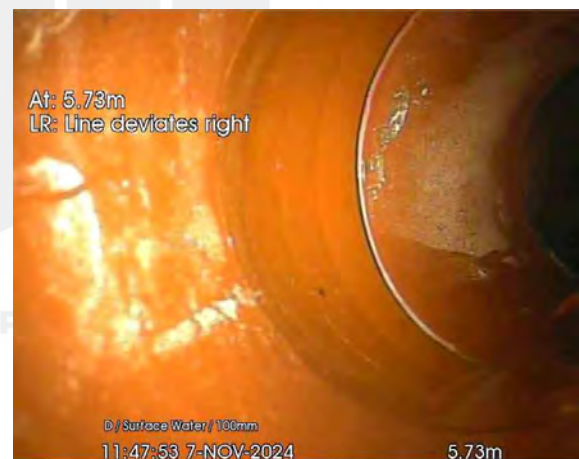
242.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



244.jpg, 00:00:06, 0.00 m
Line deviates left

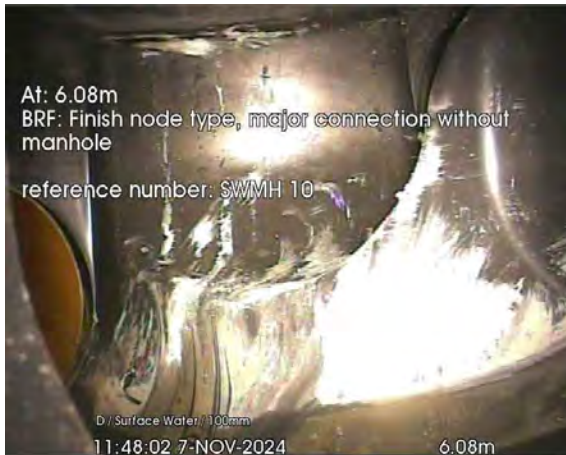


245.jpg, 00:00:25, 5.73 m
Line deviates right



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
53	Downstream	RWPX	01	



246.jpg, 00:00:29, 6.08 m
Finish node, major connection without manhole, reference:
SWMH 10

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Section Inspection - 07/11/2024 - RWPX

Item No. 54	Insp. No. 54	Date 07/11/24	Time 11:52	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.28 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.28 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	247.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	248.jpg	
		0.00	LL	Line deviates left	00:00:05	249.jpg	
		1.28	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:13	250.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

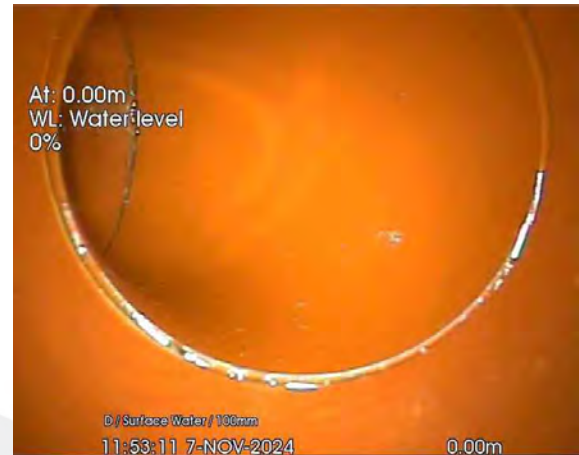


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
54	Downstream	RWPX	01	



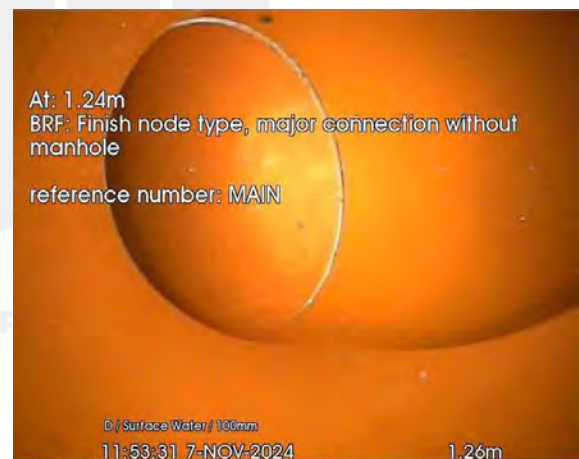
247.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



249.jpg, 00:00:05, 0.00 m
Line deviates left



250.jpg, 00:00:13, 1.28 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 55	Insp. No. 55	Date 07/11/24	Time 11:56	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	0.91 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	0.91 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:02	251.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	252.jpg	
		0.00	LU	Line deviates up	00:00:06	253.jpg	
		0.91	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:12	254.jpg	

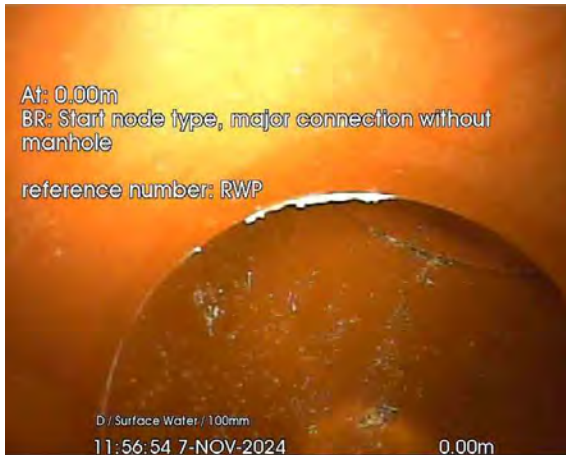
PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
55	Downstream	RWPX	01	



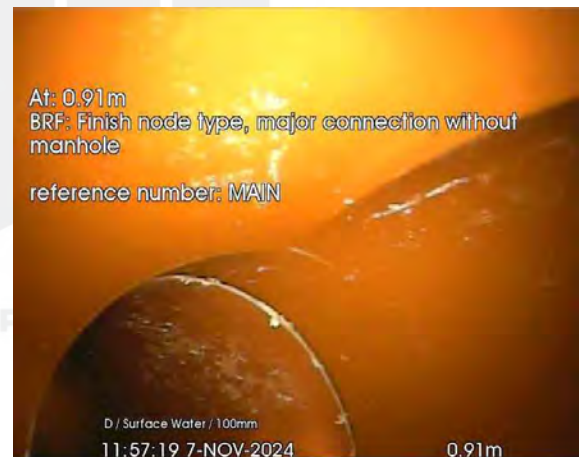
251.jpg, 00:00:02, 0.00 m
Start node, major connection without manhole, reference:
RWP



252.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



253.jpg, 00:00:06, 0.00 m
Line deviates up



254.jpg, 00:00:12, 0.91 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 56	Insp. No. 56	Date 07/11/24	Time 11:58	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	5.89 m	Upstream Pipe Depth:	
Location:		Total Length:	5.89 m	Downstream Node:	SWMH 10
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.200 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:51	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.20 m SWMH 10							
		0.00	IC	Start node, inspection chamber, reference: SWMH 10	00:00:02	255.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	256.jpg	
		3.86	JN	Junction at 9 o'clock, diameter: 100mm	00:00:16	257.jpg	
		4.92	JN	Junction at 3 o'clock, diameter: 100mm	00:00:24	258.jpg	
		5.46	LU	Line deviates up	00:00:28	259.jpg	
		5.89	BRF	Finish node, major connection without manhole, reference: RWP	00:00:33	260.jpg	
RWP Depth: 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

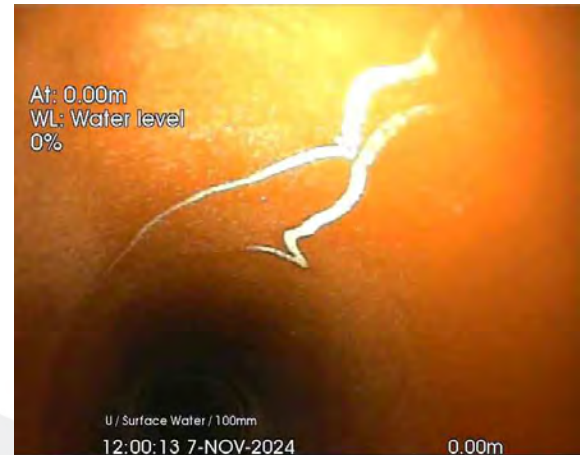


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
56	Upstream	RWPX	01	



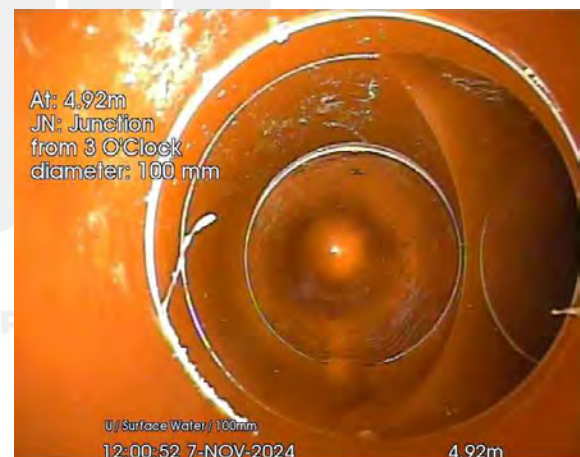
255.jpg, 00:00:02, 0.00 m
Start node, inspection chamber, reference: SWMH 10



256.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



257.jpg, 00:00:16, 3.86 m
Junction at 9 o'clock, diameter: 100mm



258.jpg, 00:00:24, 4.92 m
Junction at 3 o'clock, diameter: 100mm



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
56	Upstream	RWPX	01	



259.jpg, 00:00:28, 5.46 m
Line deviates up



260.jpg, 00:00:33, 5.89 m
Finish node, major connection without manhole, reference:
RWP

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Section Inspection - 07/11/2024 - RWPX

Item No. 57	Insp. No. 57	Date 07/11/24	Time 12:02	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	5.10 m	Upstream Pipe Depth:	
Location:		Total Length:	5.10 m	Downstream Node:	SWMH 10
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.200 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.20 m SWMH 10							
		0.00	IC	Start node, inspection chamber, reference: SWMH 10	00:00:01	261.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	262.jpg	
		0.00	LL	Line deviates left	00:00:08	263.jpg	
		3.70	JN	Junction at 3 o'clock, diameter: 100mm	00:00:20	264.jpg	
		4.50	LU	Line deviates up	00:00:25	265.jpg	
		5.10	BRF	Finish node, major connection without manhole, reference: RWP	00:00:31	266.jpg	
RWP Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

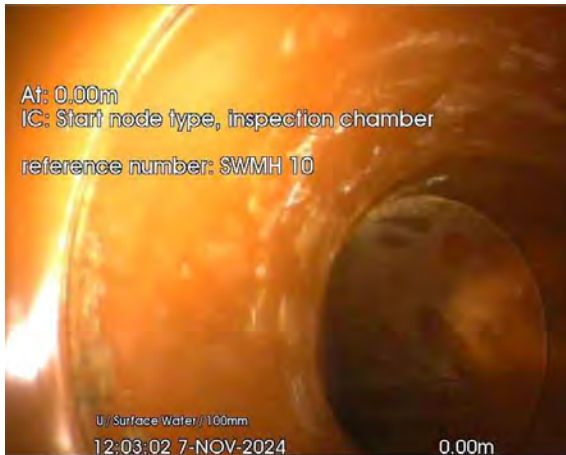
Service & Operational Observations

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

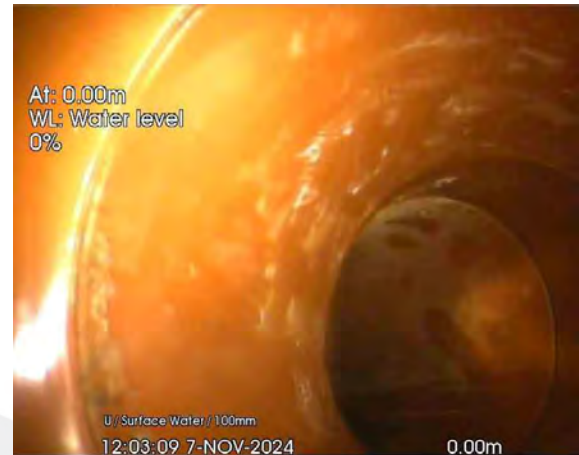


Section Pictures - 07/11/2024 - RWPX

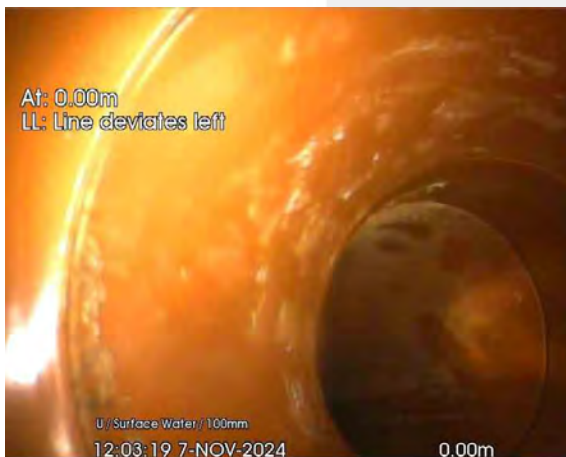
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
57	Upstream	RWPX	01	



261.jpg, 00:00:01, 0.00 m
Start node, inspection chamber, reference: SWMH 10



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



263.jpg, 00:00:08, 0.00 m
Line deviates left



264.jpg, 00:00:20, 3.70 m
Junction at 3 o'clock, diameter: 100mm



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
57	Upstream	RWPX	01	



265.jpg, 00:00:25, 4.50 m
Line deviates up



266.jpg, 00:00:31, 5.10 m
Finish node, major connection without manhole, reference:
RWP

PCW DRAIN SERVICES LTD

Section Inspection - 07/11/2024 - SWMH 10X

Item No. 58	Insp. No. 58	Date 07/11/24	Time 12:08	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 10X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH 10
Road:	Central Ave	Inspected Length:	15.88 m	Upstream Pipe Depth:	0.200 m
Location:		Total Length:	15.88 m	Downstream Node:	SWMH 11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:138 Position [m]

Depth: 0.20 m
SWMH 10

0.00

0.00

15.06

15.88

SWMH 11
Depth: m

IC Start node, inspection chamber, reference: SWMH 10 00:00:03 267.jpg

WL Water level, 0% of the vertical dimension 00:00:05 268.jpg

LR Line deviates right 00:00:40 269.jpg

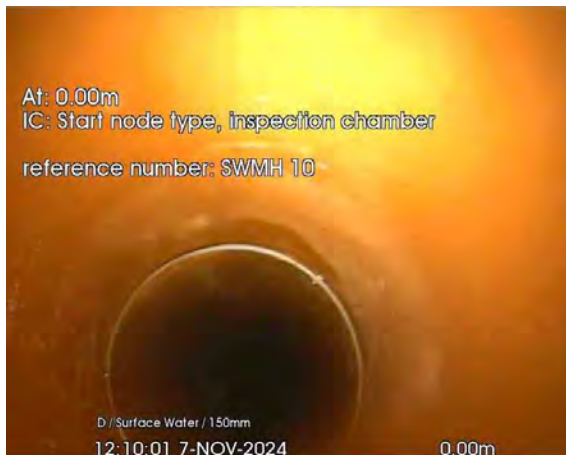
ICF Finish node, inspection chamber, reference: SWMH 11 00:00:48 270.jpg

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 - 07/11/2024 - SWMH 10X

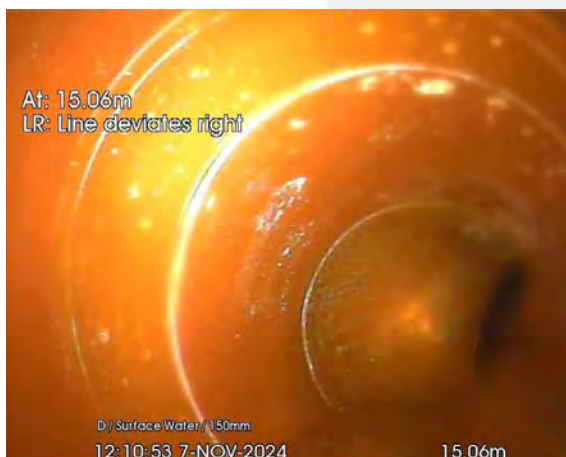
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
58	Downstream	SWMH 10X	01	



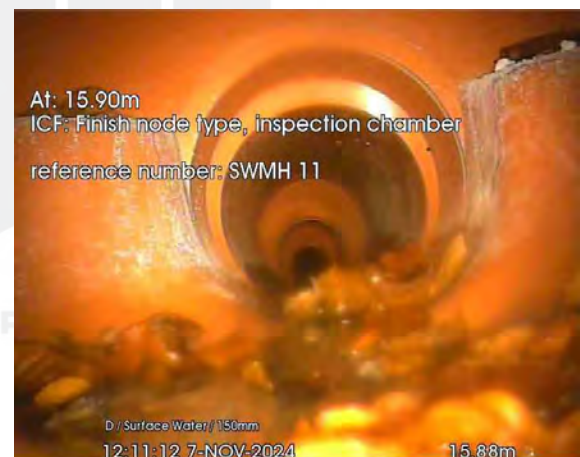
267.jpg, 00:00:03, 0.00 m
Start node, inspection chamber, reference: SWMH 10



268.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



269.jpg, 00:00:40, 15.06 m
Line deviates right



270.jpg, 00:00:48, 15.88 m
Finish node, inspection chamber, reference: SWMH 11



Section Inspection - 07/11/2024 - RWPX

Item No. 59	Insp. No. 59	Date 07/11/24	Time 12:14	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.33 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.33 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	271.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	272.jpg	
		0.41	LL	Line deviates left	00:00:06	273.jpg	
		3.33	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:19	274.jpg	

Construction Features

Structural Defects

Miscellaneous Features

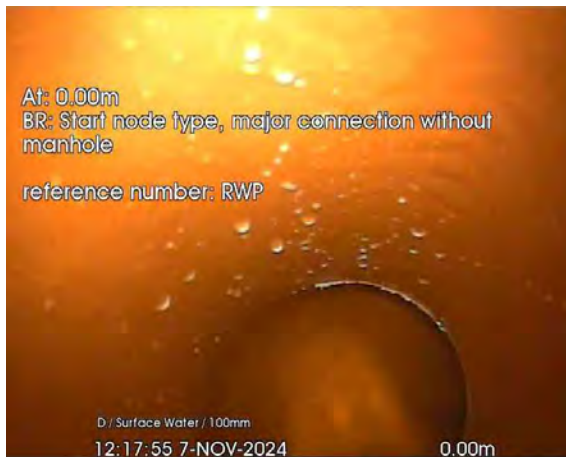
Service & Operational Observations

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

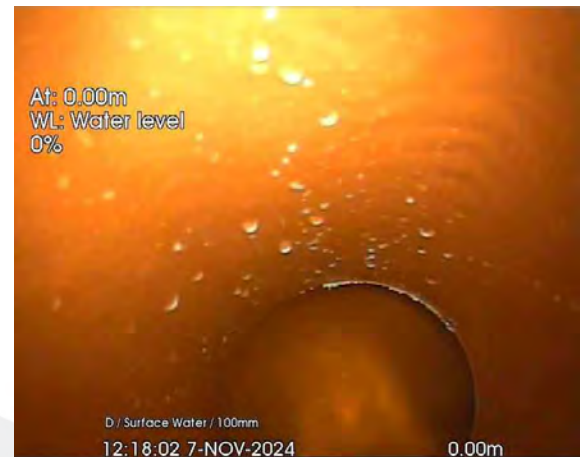


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
59	Downstream	RWPX	01	



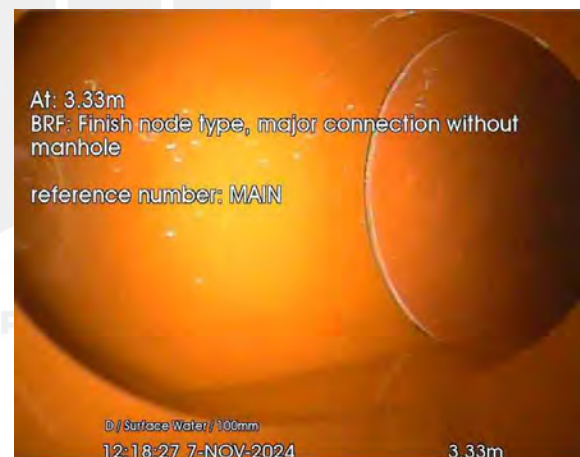
271.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



273.jpg, 00:00:06, 0.41 m
Line deviates left



274.jpg, 00:00:19, 3.33 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 60	Insp. No. 60	Date 07/11/24	Time 12:19	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.76 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.76 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:03	275.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	276.jpg	
		0.21	LR	Line deviates right	00:00:07	277.jpg	
		1.76	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:16	278.jpg	

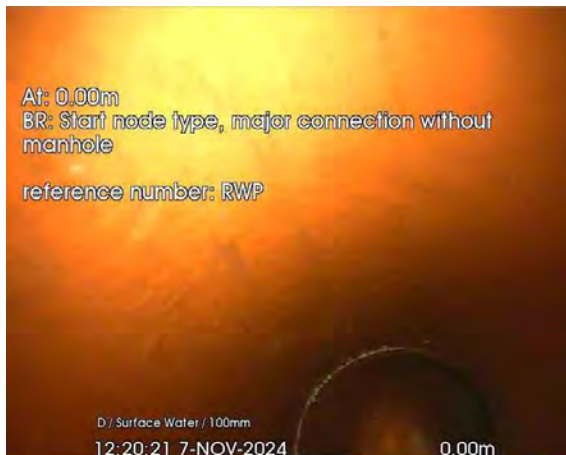
PCW DRAIN SERVICES LTD

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 - 07/11/2024 - RWPX

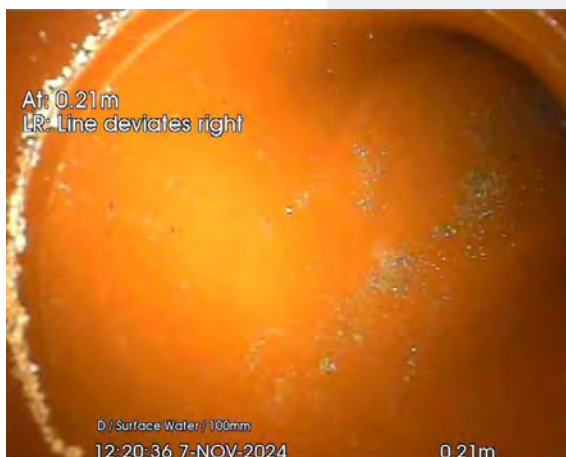
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
60	Downstream	RWPX	01	



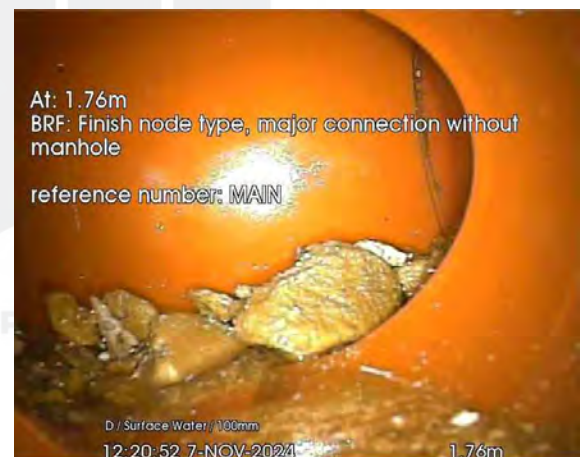
275.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



276.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



277.jpg, 00:00:07, 0.21 m
Line deviates right



278.jpg, 00:00:16, 1.76 m
Finish node, major connection without manhole, reference:
MAIN



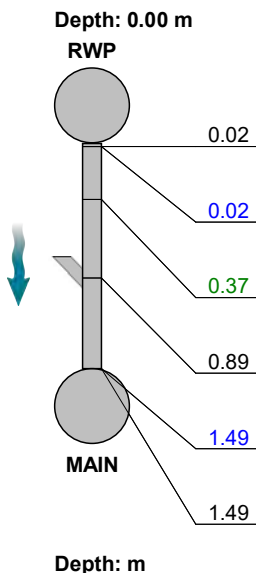
Section Inspection - 07/11/2024 - RWPX

Item No. 61	Insp. No. 61	Date 07/11/24	Time 12:21	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.49 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.49 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.02	BR	Start node, major connection without manhole, reference: RWP	00:00:02	279.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:04	280.jpg	
		0.37	LR	Line deviates right	00:00:07	281.jpg	
		0.89	JN	Junction at 3 o'clock, diameter: 100mm	00:00:14	282.jpg	
		1.49	REM	General remark: CAPPED	00:00:20	283.jpg	
		1.49	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:22	284.jpg	

PCW DRAIN SERVICES LTD

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

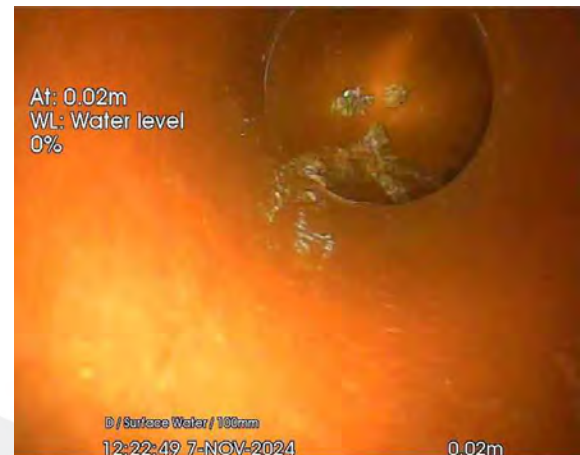


Section Pictures - 07/11/2024 - RWPX

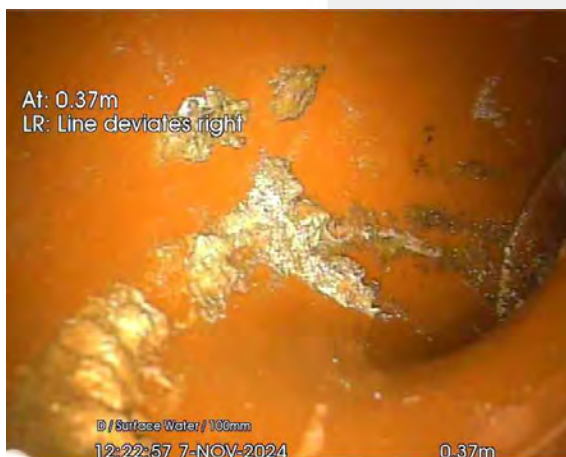
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
61	Downstream	RWPX	01	



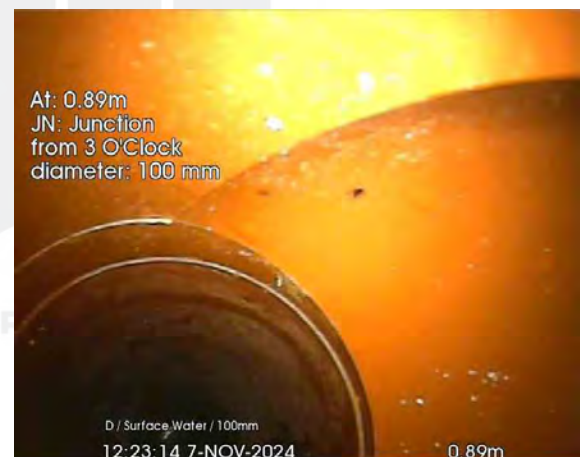
279.jpg, 00:00:02, 0.02 m
Start node, major connection without manhole, reference:
RWP



280.jpg, 00:00:04, 0.02 m
Water level, 0% of the vertical dimension



281.jpg, 00:00:07, 0.37 m
Line deviates right



282.jpg, 00:00:14, 0.89 m
Junction at 3 o'clock, diameter: 100mm

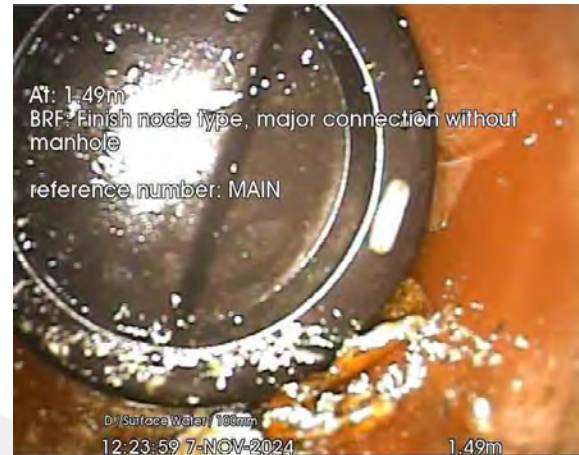


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
61	Downstream	RWPX	01	



283.jpg, 00:00:20, 1.49 m
General remark, CAPPED



284.jpg, 00:00:22, 1.49 m
Finish node, major connection without manhole, reference:
MAIN

PCW DRAIN SERVICES LTD



Section Inspection - 07/11/2024 - RWPX

Item No. 62	Insp. No. 62	Date 07/11/24	Time 12:24	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.38 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.38 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	285.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02	286.jpg	
		0.00	LL	Line deviates left	00:00:05	287.jpg	
		1.38	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:11	288.jpg	

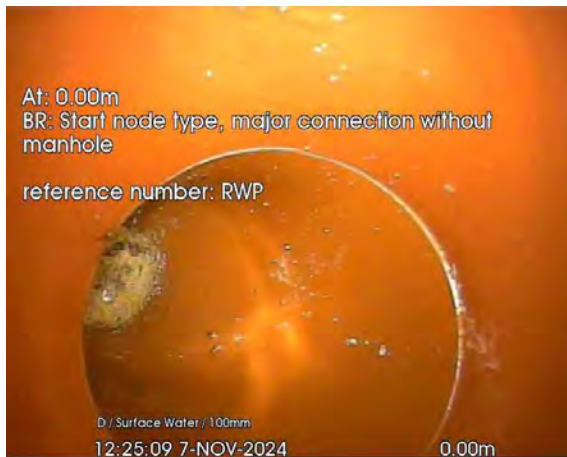
PCW DRAIN SERVICES LTD

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

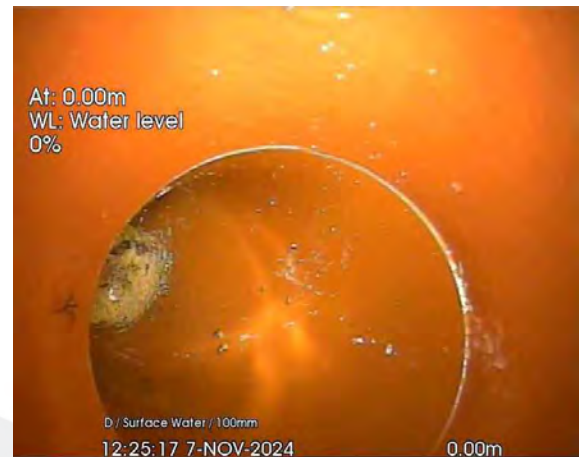


Section Pictures - 07/11/2024 - RWPX

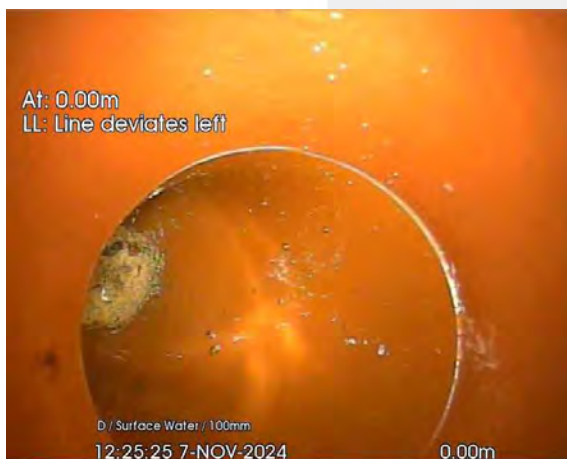
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
62	Downstream	RWPX	01	



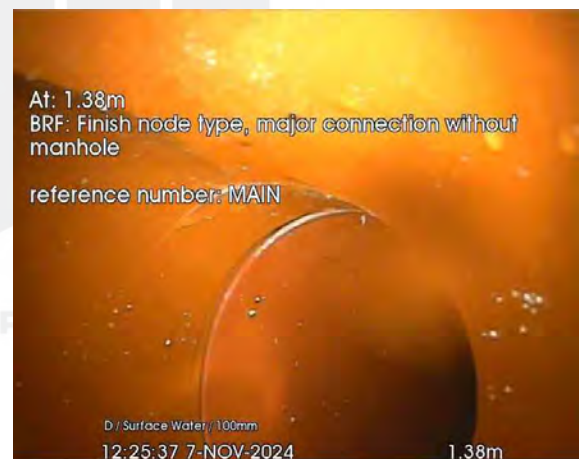
285.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



287.jpg, 00:00:05, 0.00 m
Line deviates left



288.jpg, 00:00:11, 1.38 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 63	Insp. No. 63	Date 07/11/24	Time 12:27	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	8.47 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	8.47 m	Downstream Node:	SWMH 16
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:74	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RWP							
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:04	289.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:06	290.jpg	
		4.13	JN	Junction at 9 o'clock, diameter: 100mm	00:00:21	291.jpg	
		4.67	JN	Junction at 3 o'clock, diameter: 100mm	00:00:28	292.jpg	
		5.44	JN	Junction at 3 o'clock, diameter: 100mm	00:00:34	293.jpg	
		7.38	LL	Line deviates left	00:00:45	294.jpg	
		8.16	LL	Line deviates left	00:00:51	295.jpg	
		8.47	BRF	Finish node, major connection without manhole, reference: SWMH 16	00:00:56	296.jpg	
SWMH 16 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
63	Downstream	RWPX	01	



289.jpg, 00:00:04, 0.00 m
Start node, major connection without manhole, reference:
RWP



290.jpg, 00:00:06, 0.00 m
Water level, 0% of the vertical dimension



291.jpg, 00:00:21, 4.13 m
Junction at 9 o'clock, diameter: 100mm

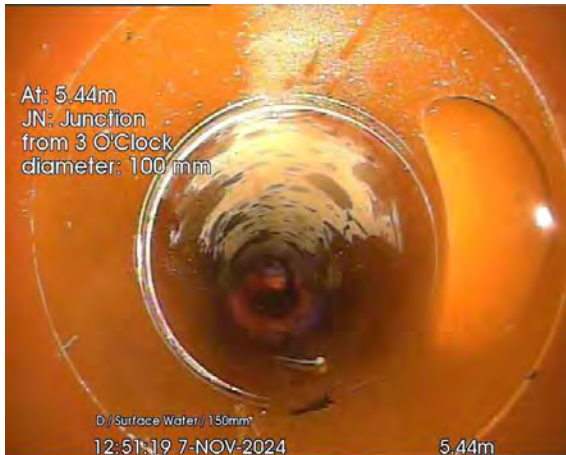


292.jpg, 00:00:28, 4.67 m
Junction at 3 o'clock, diameter: 100mm

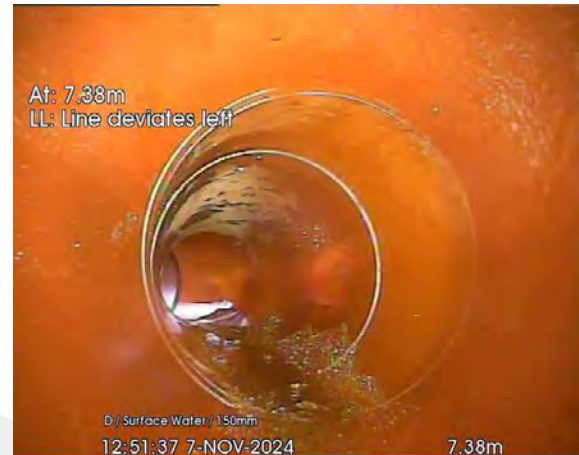


Section Pictures - 07/11/2024 - RWPX

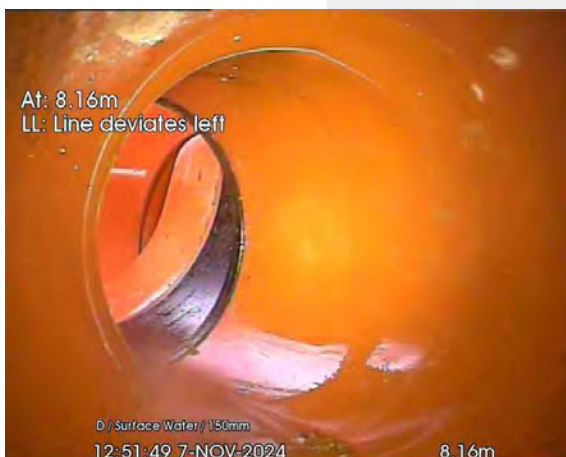
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
63	Downstream	RWPX	01	



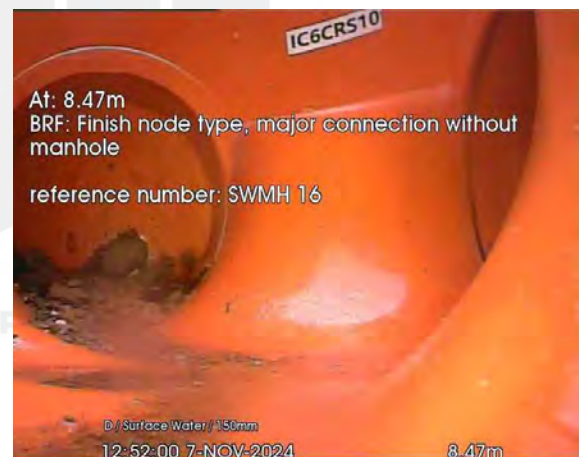
293.jpg, 00:00:34, 5.44 m
Junction at 3 o'clock, diameter: 100mm



294.jpg, 00:00:45, 7.38 m
Line deviates left



295.jpg, 00:00:51, 8.16 m
Line deviates left



296.jpg, 00:00:56, 8.47 m
Finish node, major connection without manhole, reference:
SWMH 16

Section Inspection - 07/11/2024 - SWMH 16X

Item No. 64	Insp. No. 64	Date 07/11/24	Time 12:57	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 16X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH 16
Road:	Central Ave	Inspected Length:	11.19 m	Upstream Pipe Depth:	0.500 m
Location:		Total Length:	11.19 m	Downstream Node:	SWMH 11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:97	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.50 m SWMH 16							
	0.10		IC	Start node, inspection chamber, reference: SWMH 16	00:00:00	297.jpg	
	0.16		WL	Water level, 0% of the vertical dimension	00:00:02	298.jpg	
	3.96		JN	Junction at 3 o'clock, diameter: 150mm	00:00:12	299.jpg	
	11.19		ICF	Finish node, inspection chamber, reference: SWMH 11	00:00:26	300.jpg	
SWMH 11 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

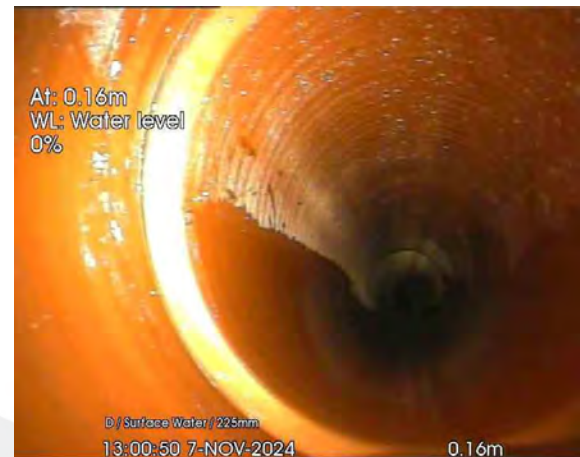


Section Pictures - 07/11/2024 - SWMH 16X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
64	Downstream	SWMH 16X	01	



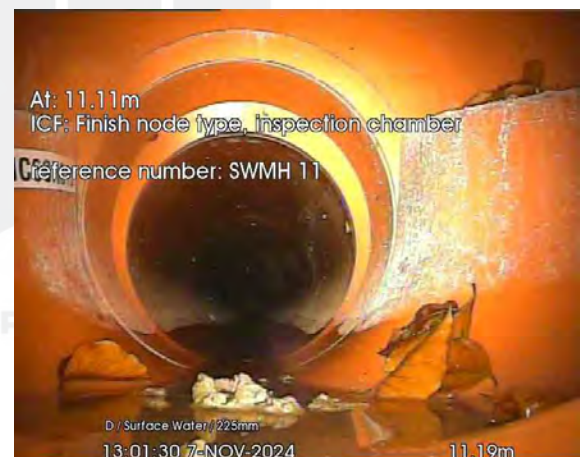
297.jpg, 00:00:00, 0.10 m
Start node, inspection chamber, reference: SWMH 16



298.jpg, 00:00:02, 0.16 m
Water level, 0% of the vertical dimension



299.jpg, 00:00:12, 3.96 m
Junction at 3 o'clock, diameter: 150mm



300.jpg, 00:00:26, 11.19 m
Finish node, inspection chamber, reference: SWMH 11



Section Inspection - 07/11/2024 - RWPX

Item No. 65	Insp. No. 65	Date 07/11/24	Time 14:10	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.11 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.11 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	301.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	302.jpg	
		0.14	LU	Line deviates up	00:00:07	303.jpg	
		1.11	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:13	304.jpg	

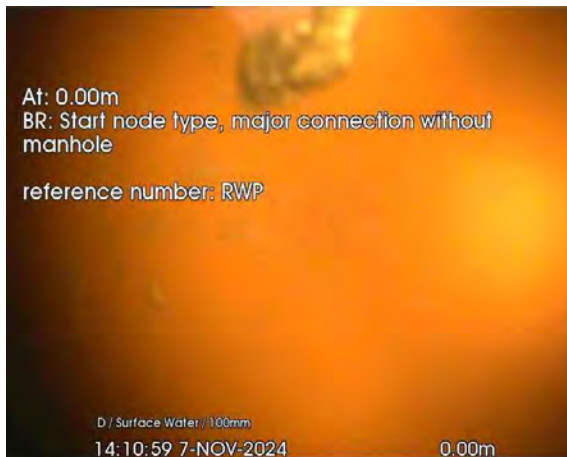
PCW DRAIN SERVICES LTD

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

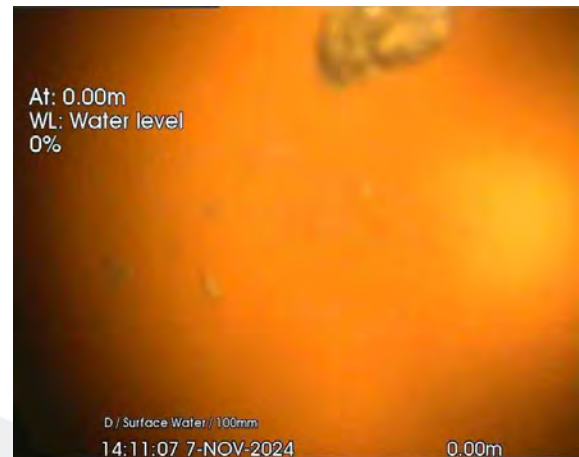


Section Pictures - 07/11/2024 - RWPX

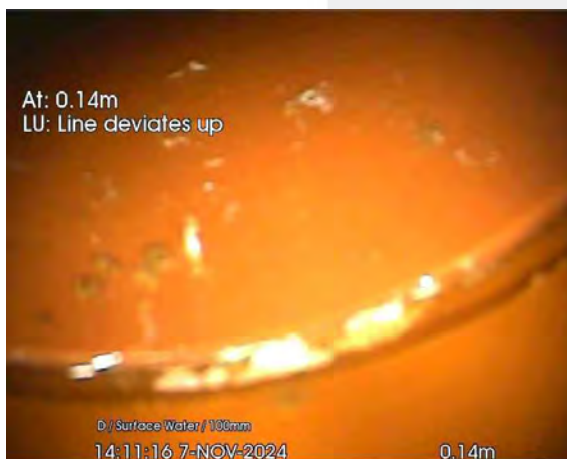
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
65	Downstream	RWPX	01	



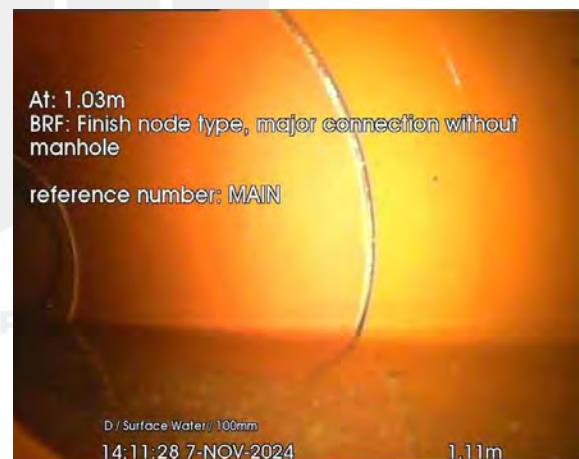
301.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



303.jpg, 00:00:07, 0.14 m
Line deviates up



304.jpg, 00:00:13, 1.11 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 66	Insp. No. 66	Date 07/11/24	Time 14:12	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.82 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.82 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	305.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	306.jpg	
		0.60	JN	Junction at 9 o'clock, diameter: 100mm	00:00:08	307.jpg	
		0.60	WL	Water level, 10% of the vertical dimension	00:00:12	308.jpg	
		0.81	JN	Junction at 3 o'clock, diameter: 100mm	00:00:17	309.jpg	
		2.82	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:25	310.jpg	

Construction Features

Structural Defects

Miscellaneous Features

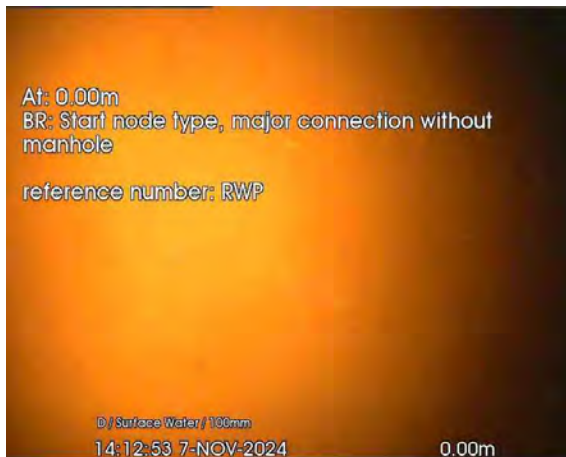
Service & Operational Observations

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 - 07/11/2024 - RWPX

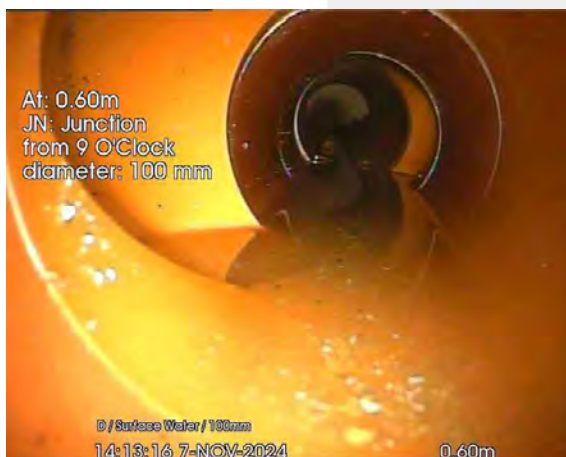
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
66	Downstream	RWPX	01	



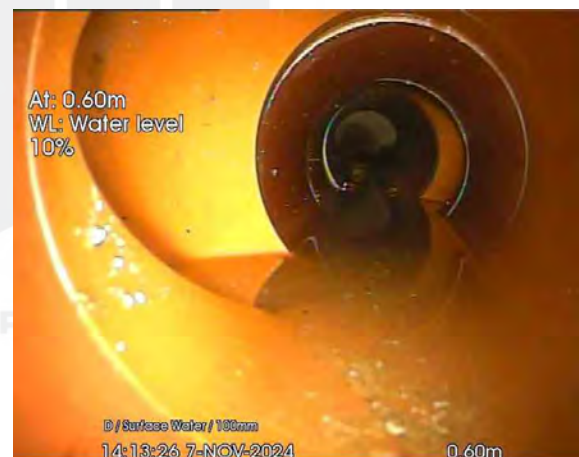
305.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



307.jpg, 00:00:08, 0.60 m
Junction at 9 o'clock, diameter: 100mm



308.jpg, 00:00:12, 0.60 m
Water level, 10% of the vertical dimension

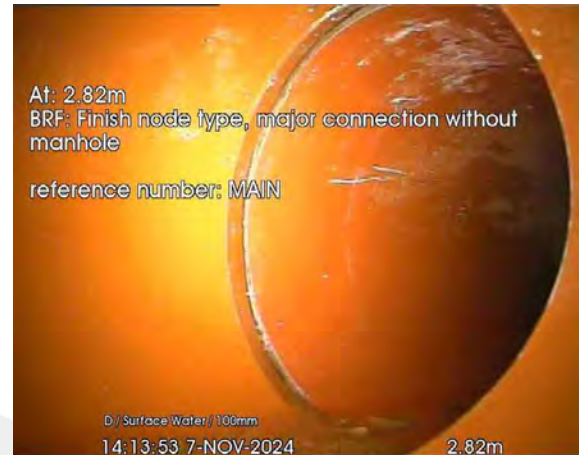


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
66	Downstream	RWPX	01	



309.jpg, 00:00:17, 0.81 m
Junction at 3 o'clock, diameter: 100mm



310.jpg, 00:00:25, 2.82 m
Finish node, major connection without manhole, reference: MAIN

PCW DRAIN SERVICES LTD



Section Inspection - 07/11/2024 - RWPX

Item No. 67	Insp. No. 67	Date 07/11/24	Time 14:15	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.12 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.12 m	Downstream Node:	MAIM
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

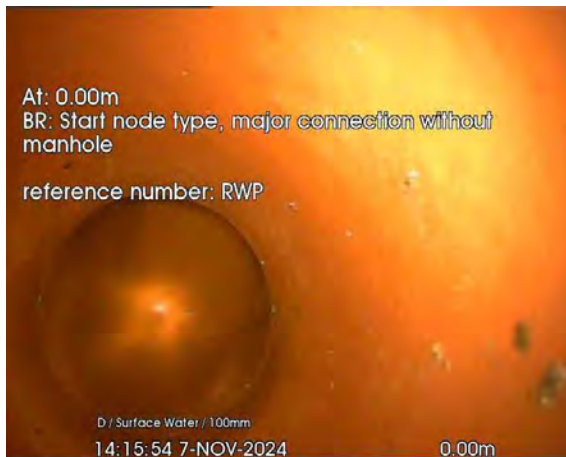
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:03	311.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	312.jpg	
		0.17	LU	Line deviates up	00:00:09	313.jpg	
		1.12	BRF	Finish node, major connection without manhole, reference: MAIM	00:00:15	314.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

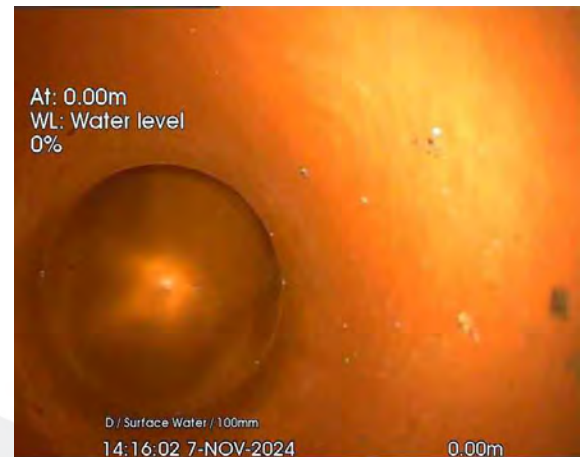


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
67	Downstream	RWPX	01	



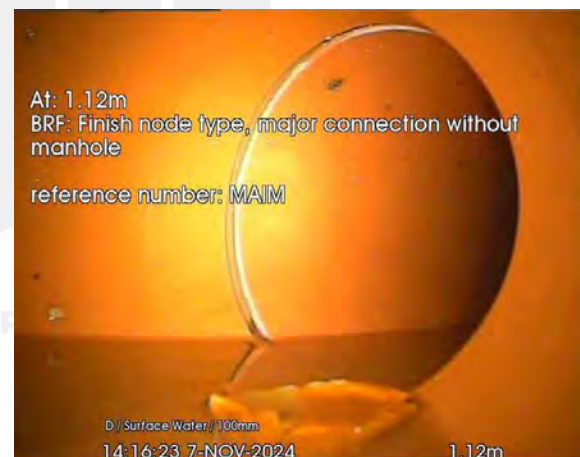
311.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



312.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



313.jpg, 00:00:09, 0.17 m
Line deviates up



314.jpg, 00:00:15, 1.12 m
Finish node, major connection without manhole, reference:
MAIM



Section Inspection - 07/11/2024 - RWPX

Item No. 68	Insp. No. 68	Date 07/11/24	Time 14:19	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.89 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	3.89 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:03	315.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	316.jpg	
		0.02	LL	Line deviates left	00:00:06	317.jpg	
		3.89	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:15	318.jpg	

Construction Features

Structural Defects

Miscellaneous Features

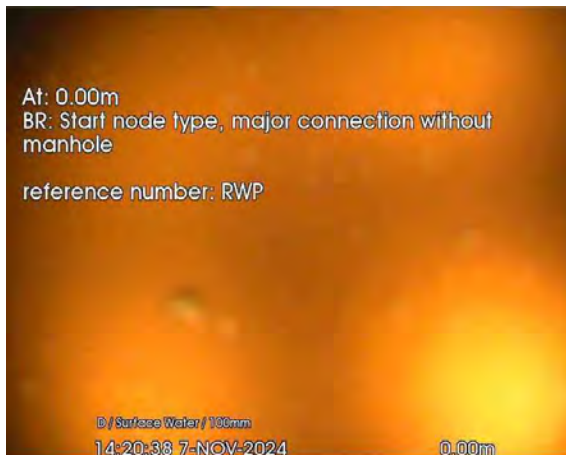
Service & Operational Observations

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

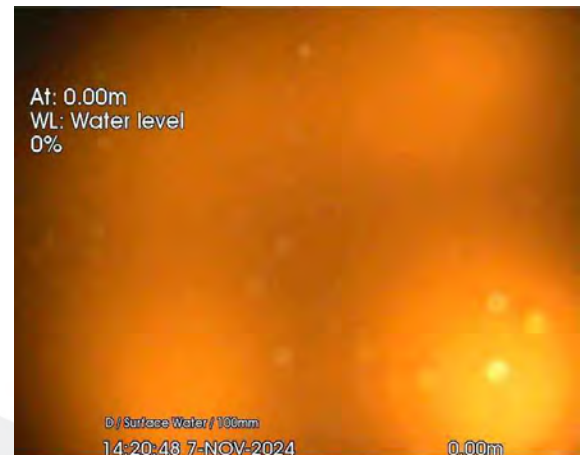


Section Pictures - 07/11/2024 - RWPX

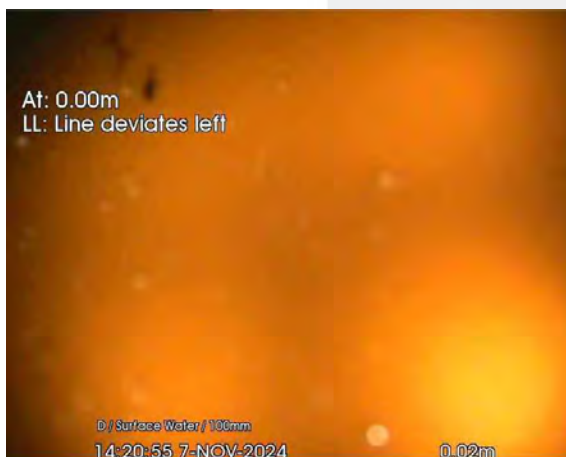
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
68	Downstream	RWPX	01	



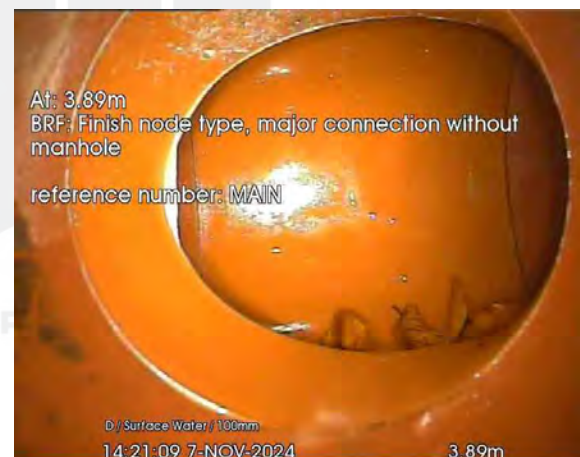
315.jpg, 00:00:03, 0.00 m
Start node, major connection without manhole, reference:
RWP



316.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



317.jpg, 00:00:06, 0.02 m
Line deviates left



318.jpg, 00:00:15, 3.89 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 69	Insp. No. 69	Date 07/11/24	Time 14:26	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	4.10 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	4.10 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:00	319.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02	320.jpg	
		0.42	LR	Line deviates right	00:00:06	321.jpg	
		2.63	JN	Junction at 3 o'clock, diameter: 100mm	00:00:14	322.jpg	
		4.10	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:23	323.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

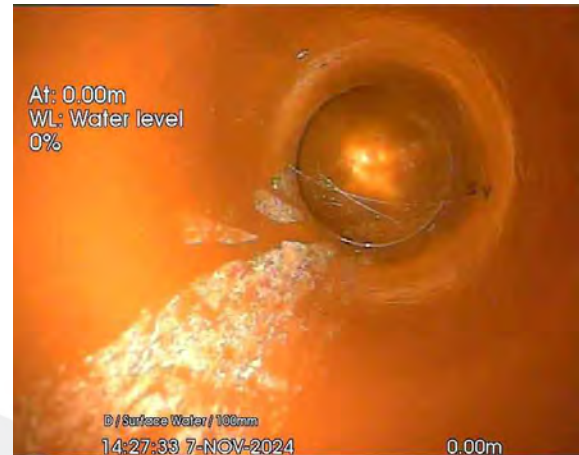


Section Pictures - 07/11/2024 - RWPX

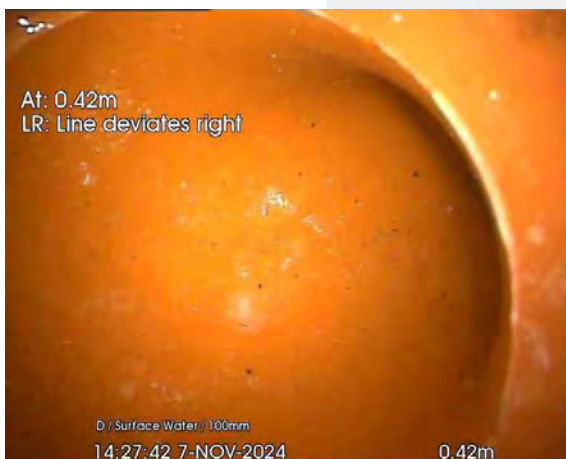
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
69	Downstream	RWPX	01	



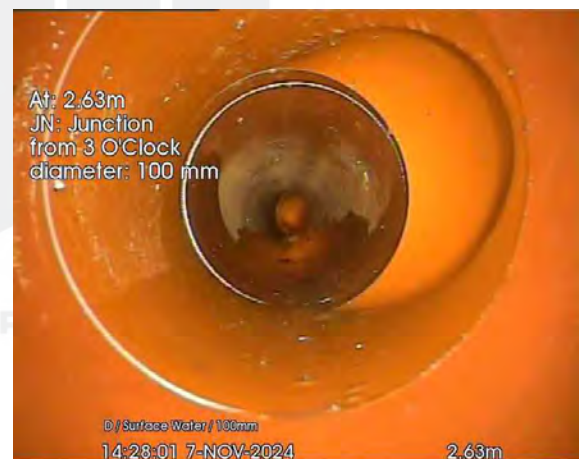
319.jpg, 00:00:00, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



321.jpg, 00:00:06, 0.42 m
Line deviates right



322.jpg, 00:00:14, 2.63 m
Junction at 3 o'clock, diameter: 100mm



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
69	Downstream	RWPX	01	



323.jpg, 00:00:23, 4.10 m
Finish node, major connection without manhole, reference:
MAIN

PCW DRAIN SERVICES LTD



Section Inspection - 07/11/2024 - RWPX

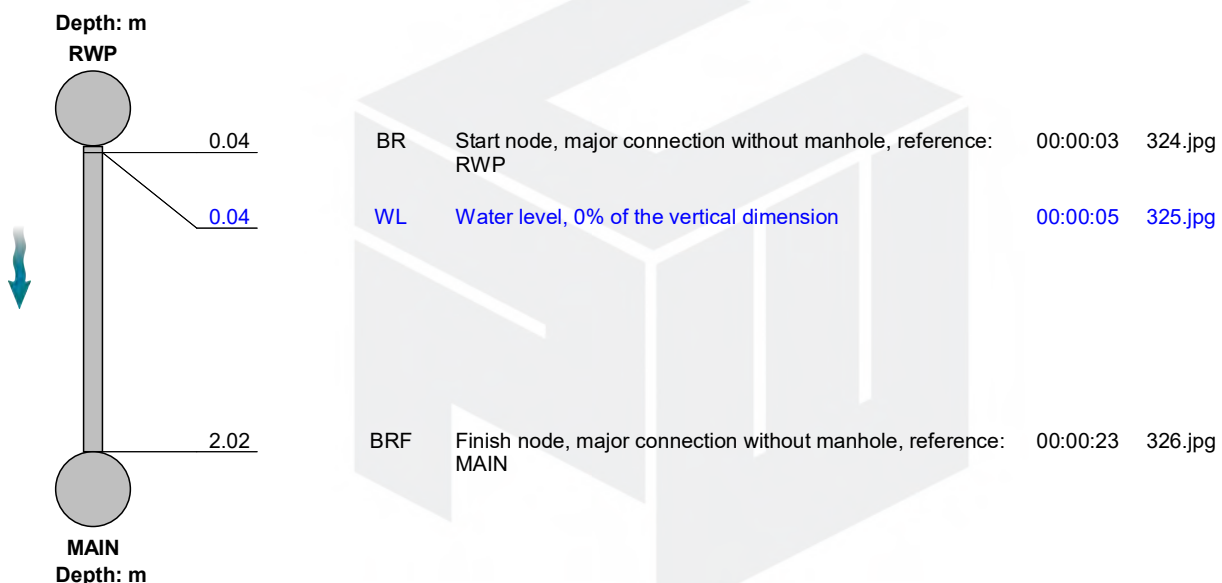
Item No. 70	Insp. No. 70	Date 07/11/24	Time 14:29	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.02 m	Upstream Pipe Depth:	
Location:		Total Length:	2.02 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:50 Position [m] Code Observation MPEG Photo Grade



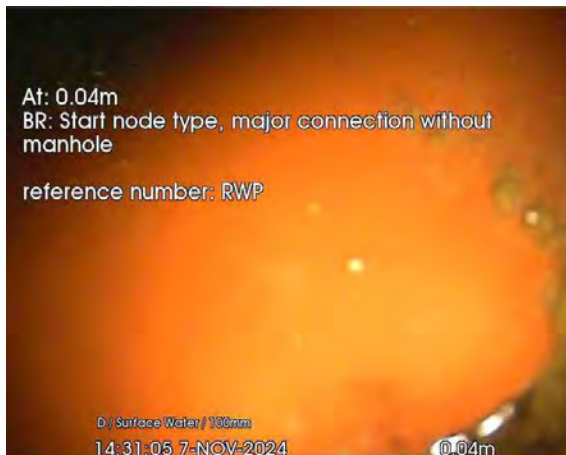
PCW DRAIN SERVICES LTD

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

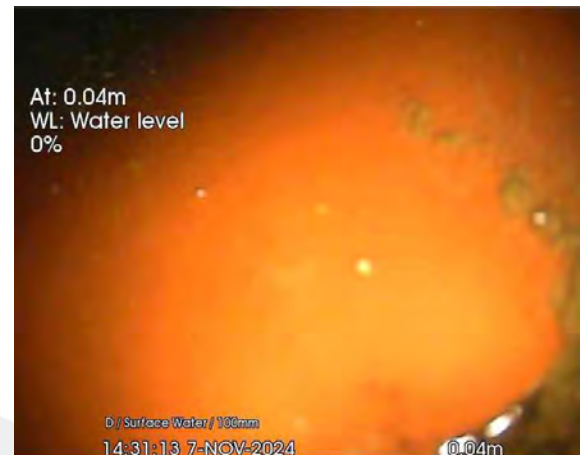


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
70	Downstream	RWPX	01	



324.jpg, 00:00:03, 0.04 m
Start node, major connection without manhole, reference:
RWP



325.jpg, 00:00:05, 0.04 m
Water level, 0% of the vertical dimension



326.jpg, 00:00:23, 2.02 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 71	Insp. No. 71	Date 07/11/24	Time 14:33	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.92 m	Upstream Pipe Depth:	
Location:		Total Length:	1.92 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:00	327.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:02	328.jpg	
		0.51	LL	Line deviates left	00:00:06	329.jpg	
		1.92	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:15	330.jpg	

Construction Features

Structural Defects

Miscellaneous Features

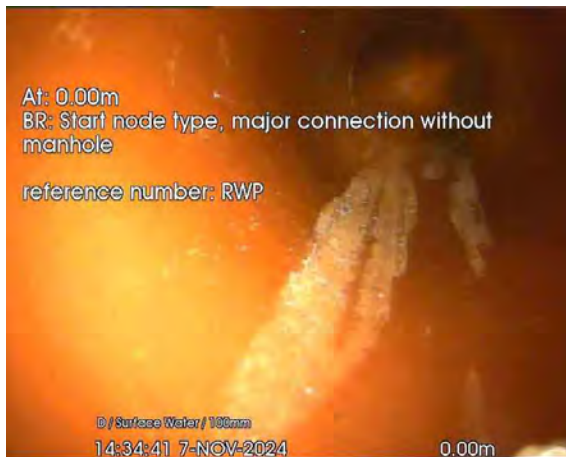
Service & Operational Observations

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

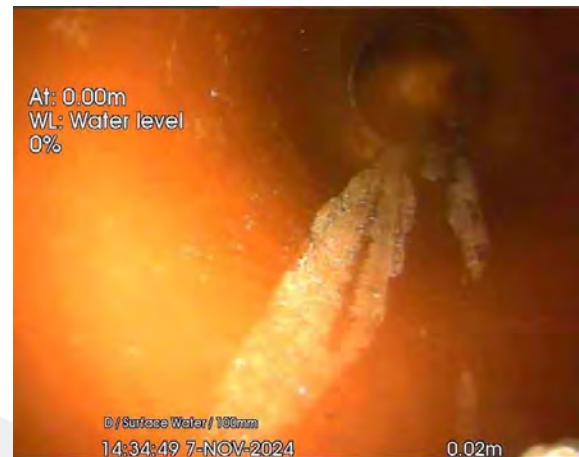


Section Pictures - 07/11/2024 - RWPX

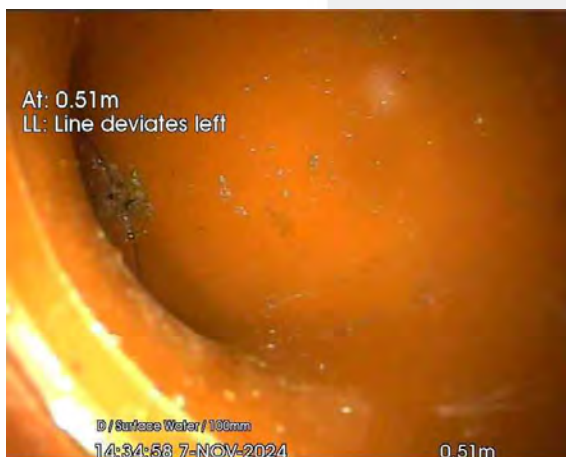
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
71	Downstream	RWPX	01	



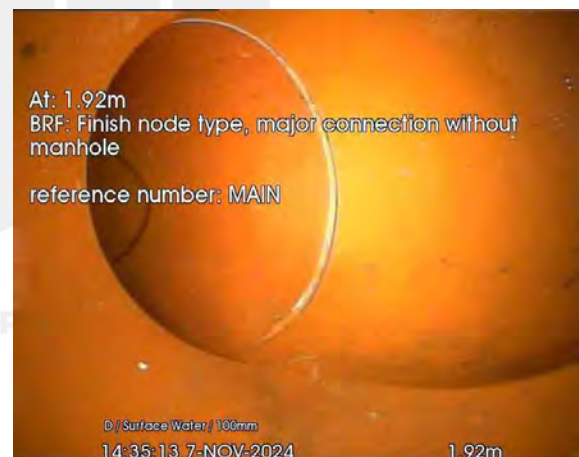
327.jpg, 00:00:00, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



329.jpg, 00:00:06, 0.51 m
Line deviates left



330.jpg, 00:00:15, 1.92 m
Finish node, major connection without manhole, reference:
MAIN



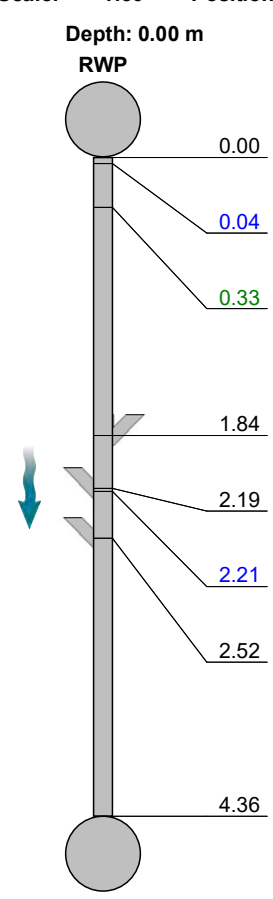
Section Inspection - 07/11/2024 - RWPX

Item No. 72	Insp. No. 72	Date 07/11/24	Time 14:36	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	4.36 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	4.36 m	Downstream Node:	SWMH 11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
 Depth: 0.00 m RWP 0.00 0.04 0.33 1.84 2.19 2.21 2.52 4.36 SWMH 11 Depth: m							
BR	Start node, major connection without manhole, reference: RWP				00:00:01	331.jpg	
WL	Water level, 0% of the vertical dimension				00:00:02	332.jpg	
LR	Line deviates right				00:00:06	333.jpg	
JN	Junction at 9 o'clock, diameter: 100mm				00:00:11	334.jpg	
JN	Junction at 3 o'clock, diameter: 100mm				00:00:15	335.jpg	
WL	Water level, 5% of the vertical dimension				00:00:18	336.jpg	
JN	Junction at 3 o'clock, diameter: 100mm				00:00:23	337.jpg	
PCW DRAIN SERVICES LTD							
BRF	Finish node, major connection without manhole, reference: SWMH 11				00:00:36	338.jpg	

Construction Features

Structural Defects

Miscellaneous Features

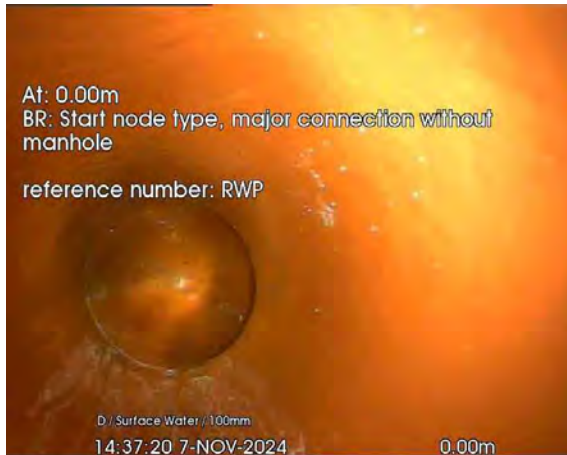
Service & Operational Observations

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

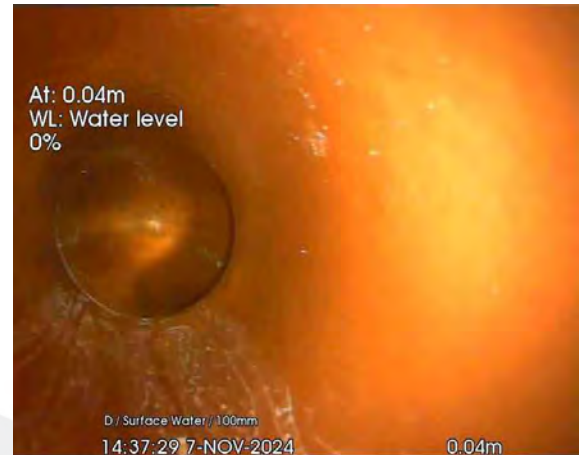


Section Pictures - 07/11/2024 - RWPX

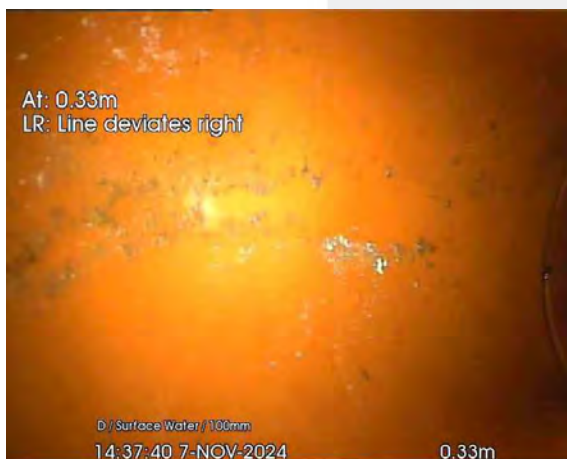
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
72	Downstream	RWPX	01	



331.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



332.jpg, 00:00:02, 0.04 m
Water level, 0% of the vertical dimension



333.jpg, 00:00:06, 0.33 m
Line deviates right

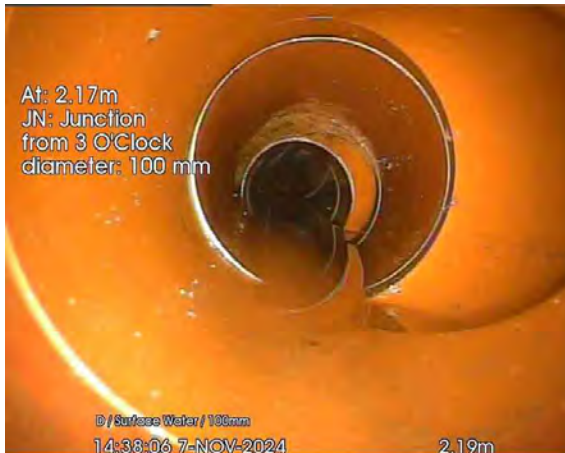


334.jpg, 00:00:11, 1.84 m
Junction at 9 o'clock, diameter: 100mm

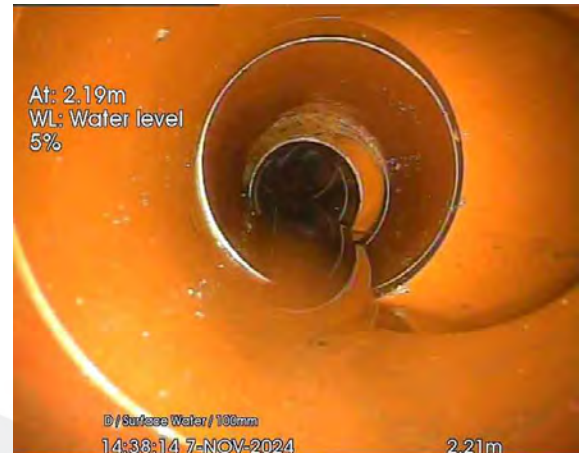


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
72	Downstream	RWPX	01	



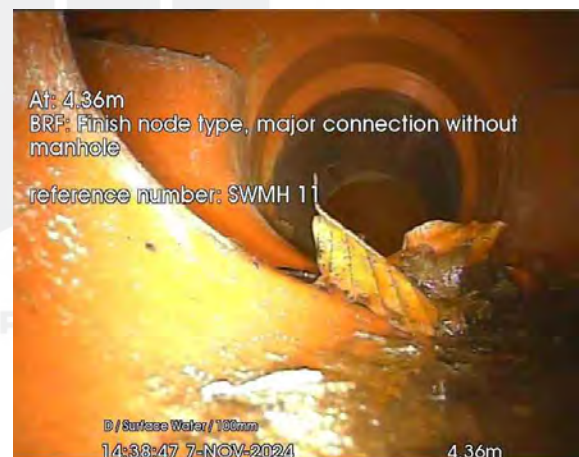
335.jpg, 00:00:15, 2.19 m
Junction at 3 o'clock, diameter: 100mm



336.jpg, 00:00:18, 2.21 m
Water level, 5% of the vertical dimension



337.jpg, 00:00:23, 2.52 m
Junction at 3 o'clock, diameter: 100mm



338.jpg, 00:00:36, 4.36 m
Finish node, major connection without manhole, reference: SWMH 11



Section Inspection - 07/11/2024 - RWPX

Item No. 73	Insp. No. 73	Date 07/11/24	Time 14:39	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.94 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	2.94 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	339.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	340.jpg	
		0.60	LD	Line deviates down	00:00:07	341.jpg	
		2.94	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:16	342.jpg	

Construction Features

Structural Defects

Miscellaneous Features

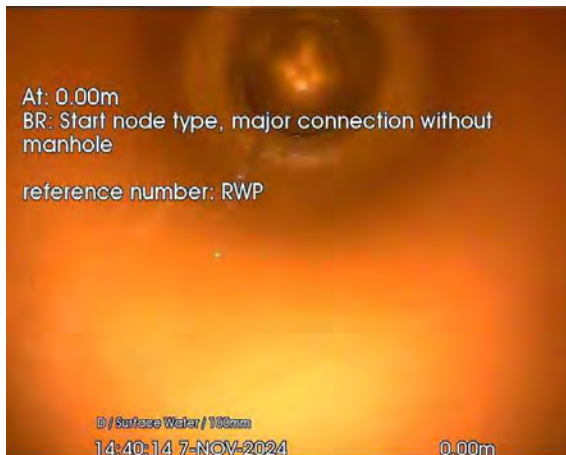
Service & Operational Observations

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

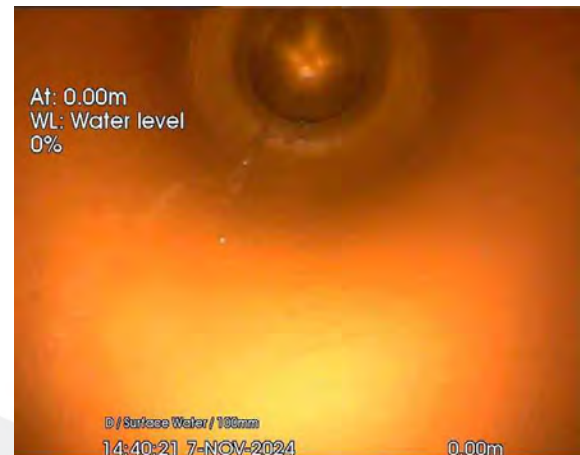


Section Pictures - 07/11/2024 - RWPX

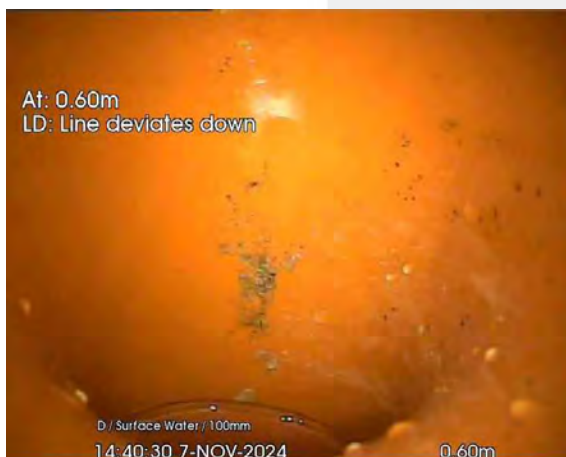
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
73	Downstream	RWPX	01	



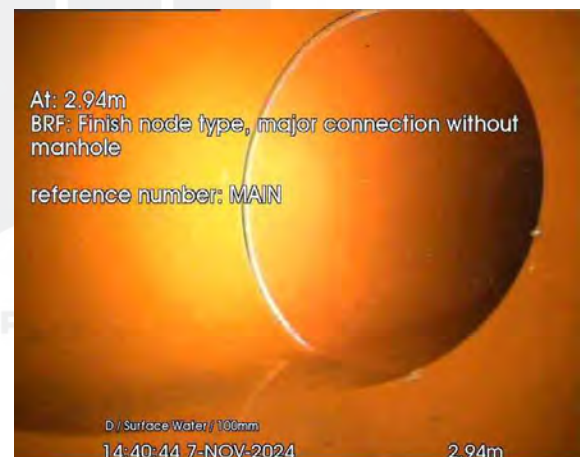
339.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



341.jpg, 00:00:07, 0.60 m
Line deviates down



342.jpg, 00:00:16, 2.94 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 74	Insp. No. 74	Date 07/11/24	Time 14:42	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.78 m	Upstream Pipe Depth:	0.000 m
Location:		Total Length:	1.78 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:00	343.jpg	
		0.02	WL	Water level, 0% of the vertical dimension	00:00:02	344.jpg	
		0.20	LD	Line deviates down	00:00:04	345.jpg	
		1.78	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:16	346.jpg	

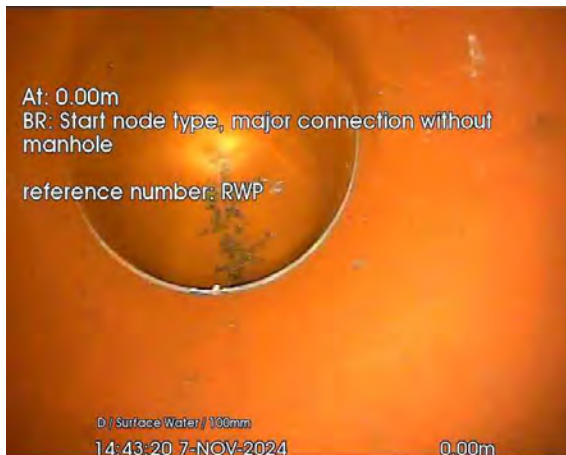
PCW DRAIN SERVICES LTD

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

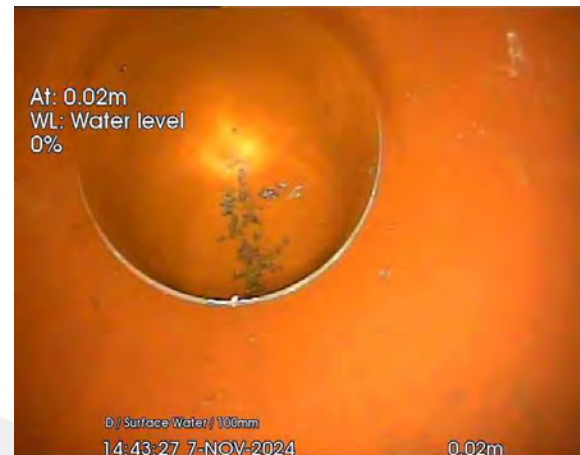


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
74	Downstream	RWPX	01	



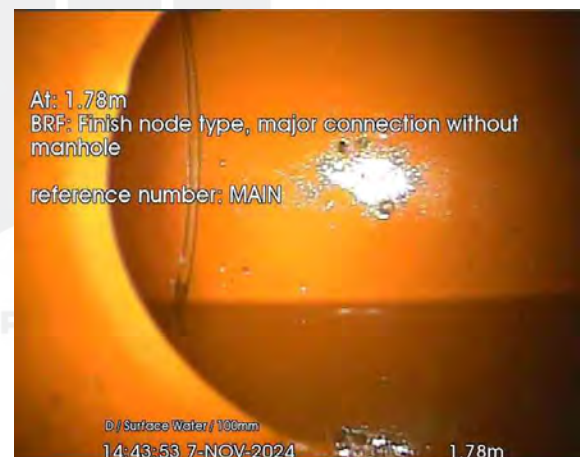
343.jpg, 00:00:00, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



345.jpg, 00:00:04, 0.20 m
Line deviates down



346.jpg, 00:00:16, 1.78 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - SWMH 11X

Item No. 75	Insp. No. 75	Date 07/11/24	Time 14:48	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 11X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH 11
Road:	Central Ave	Inspected Length:	15.60 m	Upstream Pipe Depth:	0.950 m
Location:		Total Length:	15.60 m	Downstream Node:	SWMH 12
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:136	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.95 m SWMH 11						
	0.01	IC	Start node, inspection chamber, reference: SWMH 11	00:00:01	347.jpg	
	0.05	WL	Water level, 0% of the vertical dimension	00:00:04	348.jpg	
	8.49	JN	Junction at 9 o'clock, diameter: 150mm	00:00:22	349.jpg	
	11.03	JN	Junction at 3 o'clock, diameter: 150mm	00:00:29	350.jpg	
	15.60	ICF	Finish node, inspection chamber, reference: SWMH 12	00:00:39	351.jpg	
SWMH 12 Depth: 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

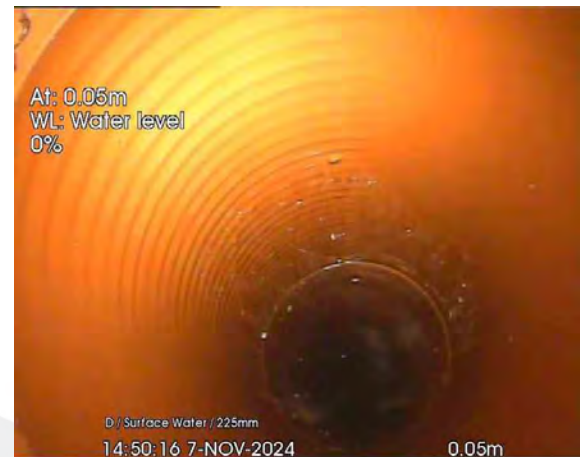


Section Pictures - 07/11/2024 - SWMH 11X

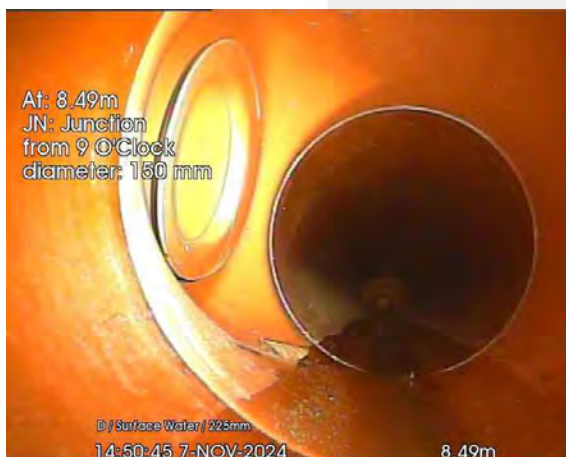
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
75	Downstream	SWMH 11X	01	



347.jpg, 00:00:01, 0.01 m
Start node, inspection chamber, reference: SWMH 11



348.jpg, 00:00:04, 0.05 m
Water level, 0% of the vertical dimension



349.jpg, 00:00:22, 8.49 m
Junction at 9 o'clock, diameter: 150mm



350.jpg, 00:00:29, 11.03 m
Junction at 3 o'clock, diameter: 150mm



Section Pictures - 07/11/2024 - SWMH 11X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
75	Downstream	SWMH 11X	01	



351.jpg, 00:00:39, 15.60 m
Finish node, inspection chamber, reference: SWMH 12

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Section Inspection - 07/11/2024 - RWPX

Item No. 76	Insp. No. 76	Date 07/11/24	Time 14:58	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.88 m	Upstream Pipe Depth:	
Location:		Total Length:	1.88 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:02	352.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	353.jpg	
		1.88	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:28	354.jpg	

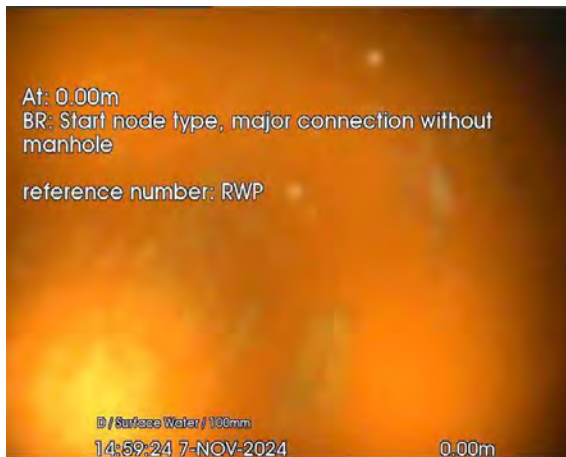
PCW DRAIN SERVICES LTD

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

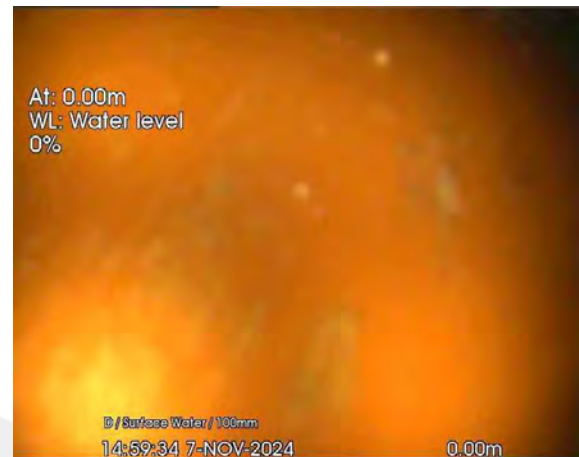


Section Pictures - 07/11/2024 - RWPX

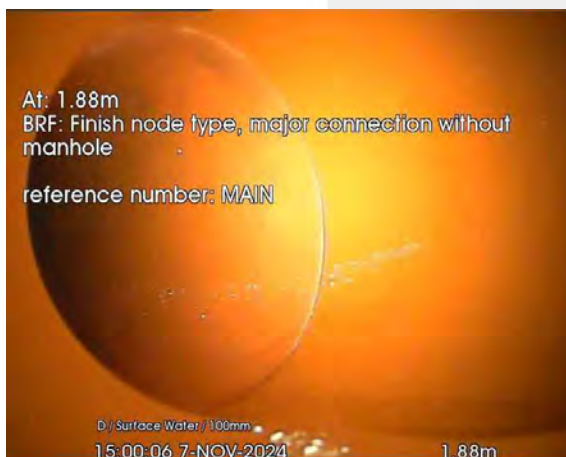
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
76	Downstream	RWPX	01	



352.jpg, 00:00:02, 0.00 m
Start node, major connection without manhole, reference:
RWP



353.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



354.jpg, 00:00:28, 1.88 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 77	Insp. No. 77	Date 07/11/24	Time 15:01	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	1.80 m	Upstream Pipe Depth:	
Location:		Total Length:	1.80 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	355.jpg	
		0.04	WL	Water level, 0% of the vertical dimension	00:00:03	356.jpg	
		0.58	LU	Line deviates up	00:00:09	357.jpg	
		1.80	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:18	358.jpg	

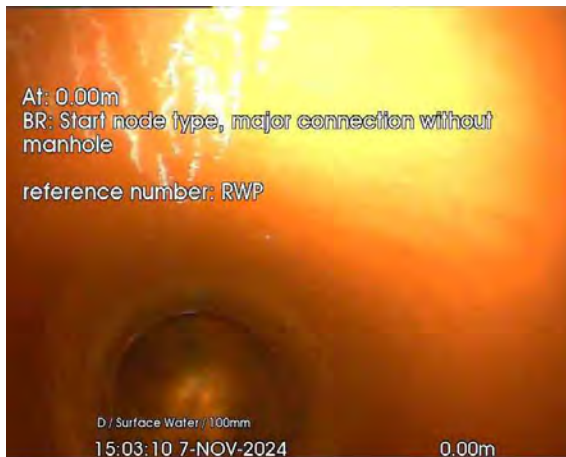
PCW DRAIN SERVICES LTD

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

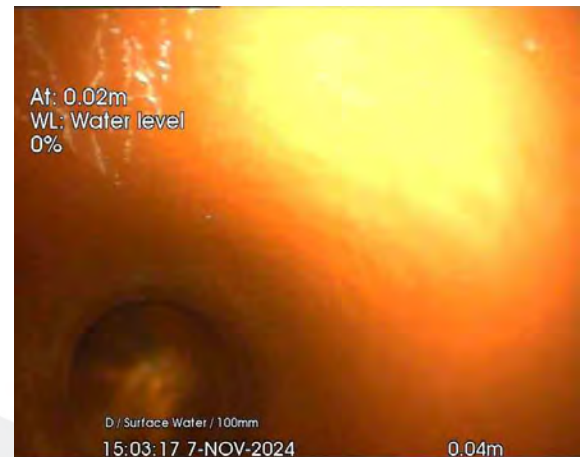


Section Pictures - 07/11/2024 - RWPX

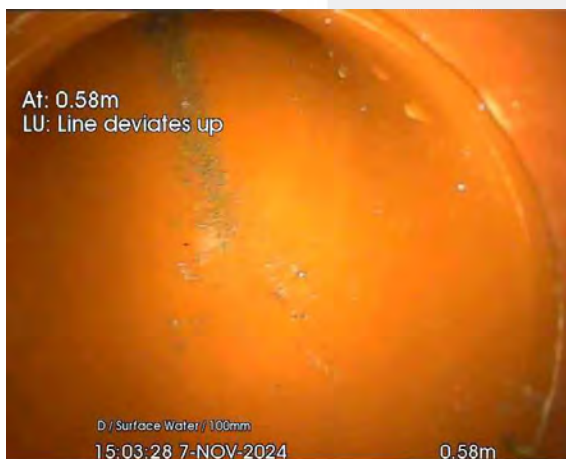
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
77	Downstream	RWPX	01	



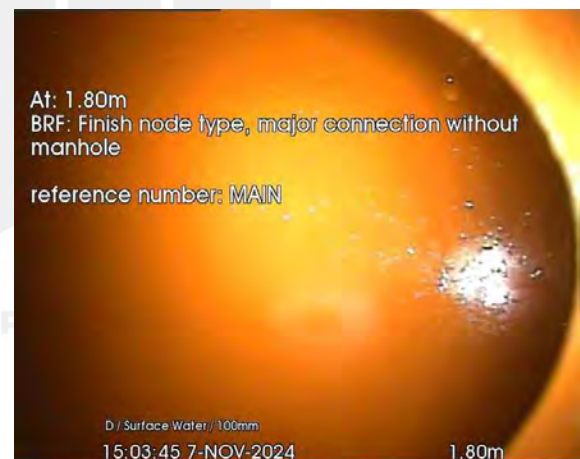
355.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



356.jpg, 00:00:03, 0.04 m
Water level, 0% of the vertical dimension



357.jpg, 00:00:09, 0.58 m
Line deviates up



358.jpg, 00:00:18, 1.80 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 07/11/2024 - RWPX

Item No. 78	Insp. No. 78	Date 07/11/24	Time 15:04	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	4.88 m	Upstream Pipe Depth:	
Location:		Total Length:	4.88 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
RWP							
0.00		BR	Start node, major connection without manhole, reference:	00:00:00	359.jpg		
0.02		WL	Water level, 0% of the vertical dimension	00:00:02	360.jpg		
0.35		LD	Line deviates down	00:00:05	361.jpg		
1.98		JN	Junction at 9 o'clock, diameter: 100mm	00:00:11	362.jpg		
2.89		JN	Junction at 9 o'clock, diameter: 100mm	00:00:16	363.jpg		
4.88		BRF	Finish node, major connection without manhole, reference:	00:00:24	364.jpg		
MAIN			MAIN				
Depth: 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
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

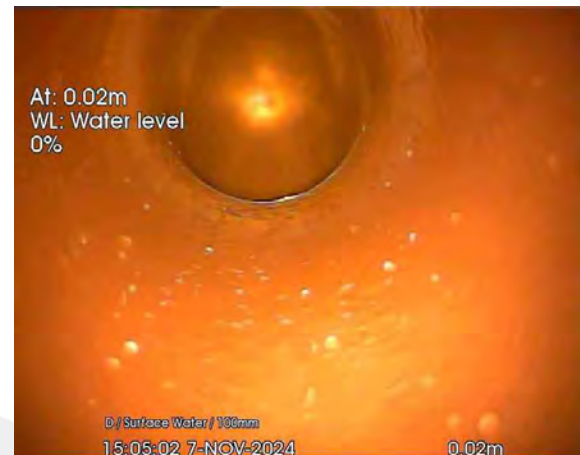


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
78	Downstream	RWPX	01	



359.jpg, 00:00:00, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



361.jpg, 00:00:05, 0.35 m
Line deviates down



362.jpg, 00:00:11, 1.98 m
Junction at 9 o'clock, diameter: 100mm

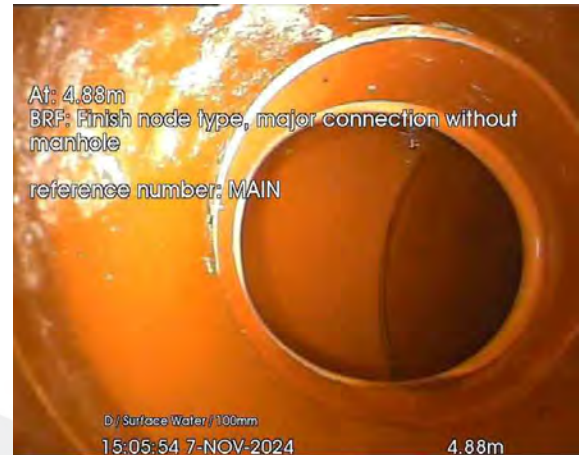


Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
78	Downstream	RWPX	01	



363.jpg, 00:00:16, 2.89 m
Junction at 9 o'clock, diameter: 100mm



364.jpg, 00:00:24, 4.88 m
Finish node, major connection without manhole, reference: MAIN

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Section Inspection - 07/11/2024 - RWPX

Item No. 79	Insp. No. 79	Date 07/11/24	Time 15:07	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	3.72 m	Upstream Pipe Depth:	
Location:		Total Length:	3.72 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:01	365.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03	366.jpg	
		0.83	LR	Line deviates right	00:00:07	367.jpg	
		2.79	LD	Line deviates down	00:00:18	368.jpg	
		3.72	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:25	369.jpg	

Construction Features

Structural Defects

Miscellaneous Features

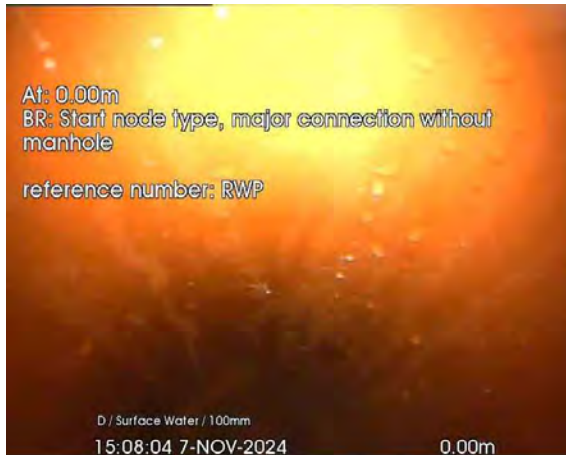
Service & Operational Observations

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 - 07/11/2024 - RWPX

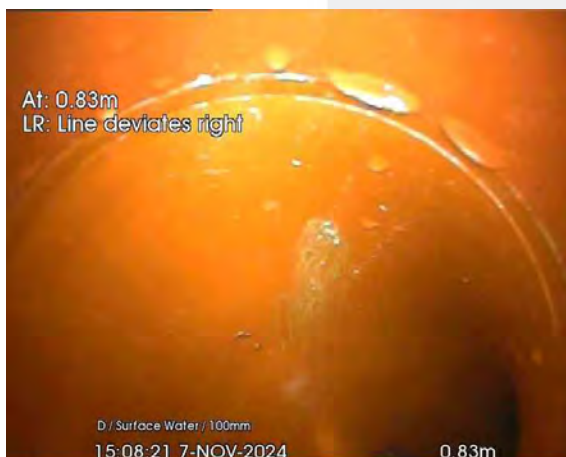
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
79	Downstream	RWPX	01	



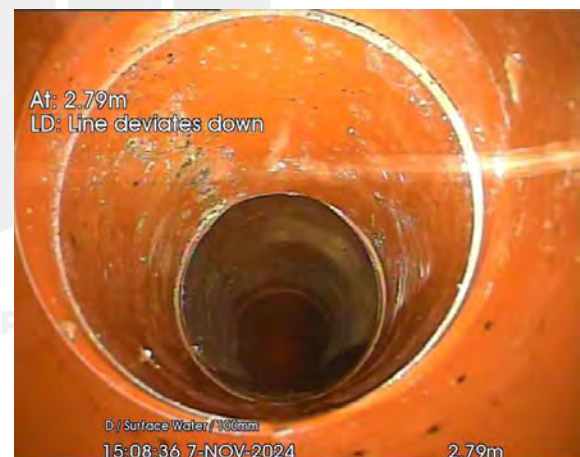
365.jpg, 00:00:01, 0.00 m
Start node, major connection without manhole, reference:
RWP



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



367.jpg, 00:00:07, 0.83 m
Line deviates right

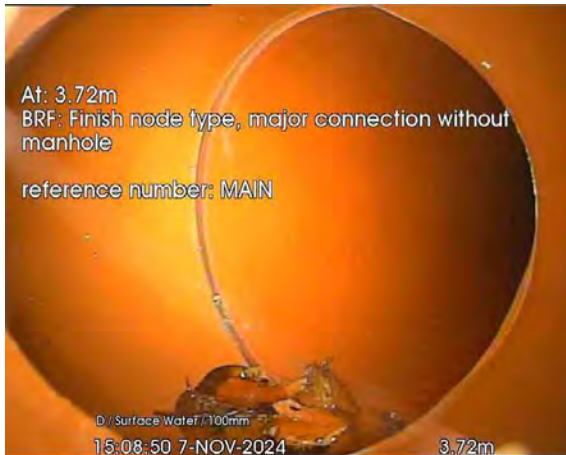


368.jpg, 00:00:18, 2.79 m
Line deviates down



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
79	Downstream	RWPX	01	



369.jpg, 00:00:25, 3.72 m
Finish node, major connection without manhole, reference:
MAIN

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Section Inspection - 07/11/2024 - RWPX

Item No. 80	Insp. No. 80	Date 07/11/24	Time 15:15	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWPX
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	RWP
Road:	Central Ave	Inspected Length:	2.44 m	Upstream Pipe Depth:	
Location:		Total Length:	2.44 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	BR	Start node, major connection without manhole, reference: RWP	00:00:02	370.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	371.jpg	
		0.45	LR	Line deviates right	00:00:08	372.jpg	
		2.31	LR	Line deviates right	00:00:19	373.jpg	
		2.44	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:23	374.jpg	

PCW DRAIN SERVICES LTD

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

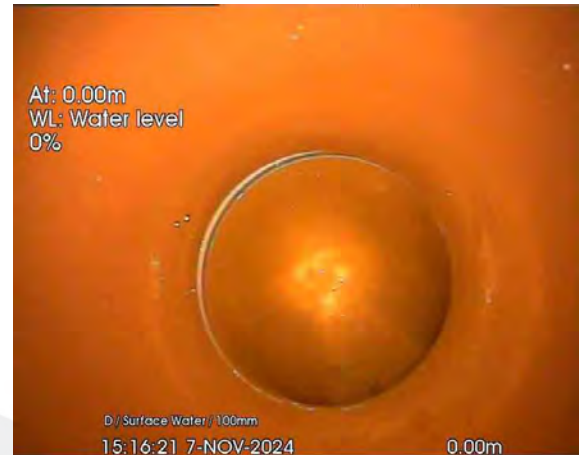


Section Pictures - 07/11/2024 - RWPX

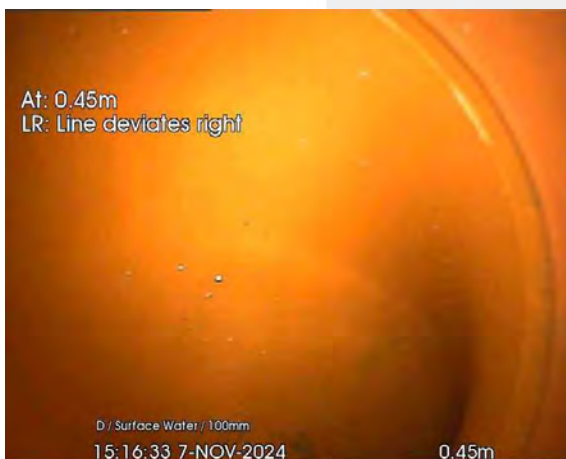
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
80	Downstream	RWPX	01	



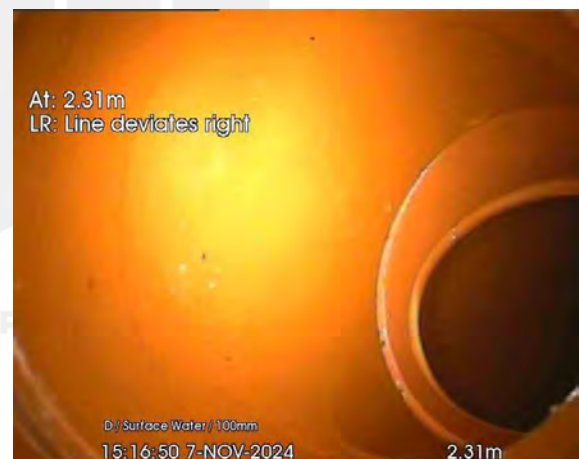
370.jpg, 00:00:02, 0.00 m
Start node, major connection without manhole, reference:
RWP



371.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



372.jpg, 00:00:08, 0.45 m
Line deviates right



373.jpg, 00:00:19, 2.31 m
Line deviates right



Section Pictures - 07/11/2024 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
80	Downstream	RWPX	01	



374.jpg, 00:00:23, 2.44 m
Finish node, major connection without manhole, reference:
MAIN

PCW DRAIN SERVICES LTD



Section Inspection - 12/11/2024 - SWMH 15X

Item No. 81	Insp. No. 81	Date 12/11/24	Time 10:02	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH 15X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Upstream	Upstream Node:	SWMH 15
Road:	Central Ave	Inspected Length:	1.16 m	Upstream Pipe Depth:	
Location:		Total Length:	1.16 m	Downstream Node:	SWMH 13
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.850 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	IC	Start node, inspection chamber, reference: SWMH 13	00:00:01	375.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:09	376.jpg	
		1.16	ICF	Finish node, inspection chamber, reference: SWMH 15	00:00:20	377.jpg	

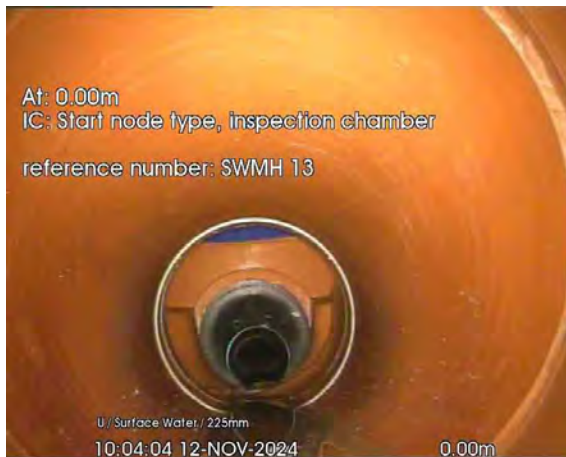
PCW DRAIN SERVICES LTD

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

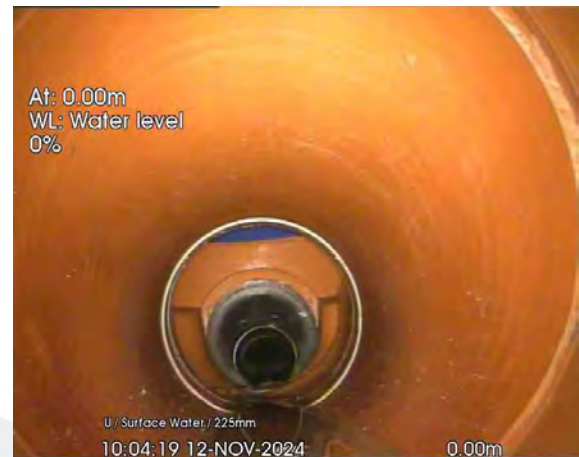


Section Pictures - 12/11/2024 - SWMH 15X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
81	Upstream	SWMH 15X	01	



375.jpg, 00:00:01, 0.00 m
Start node, inspection chamber, reference: SWMH 13



376.jpg, 00:00:09, 0.00 m
Water level, 0% of the vertical dimension



377.jpg, 00:00:20, 1.16 m
Finish node, inspection chamber, reference: SWMH 15



Section Inspection - 13/11/2024 - SWMH07X

Item No. 82	Insp. No. 82	Date 13/11/24	Time 11:33	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH07X
Operator RB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Gravesend	Inspection Direction:	Downstream	Upstream Node:	SWMH07
Road:	Central Ave	Inspected Length:	6.54 m	Upstream Pipe Depth:	1.400 m
Location:		Total Length:	6.54 m	Downstream Node:	SWMH08
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion inspection of repairs or renovations	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:57	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.40 m SWMH07							
		0.00	IC	Start node, inspection chamber, reference: SWMH07	00:00:00	378.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01	379.jpg	
PCW DRAIN SERVICES LTD							
SWMH08 Depth: m							
		6.54	MHF	Finish node, manhole, reference: SWMH08	00:00:20	380.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 - 13/11/2024 - SWMH07X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
82	Downstream	SWMH07X	01	



378.jpg, 00:00:00, 0.00 m
Start node, inspection chamber, reference: SWMH07



379.jpg, 00:00:01, 0.00 m
Water level, 0% of the vertical dimension



380.jpg, 00:00:20, 6.54 m
Finish node, manhole, reference: SWMH08



PCW DRAIN SERVICES LTD



PCW Drain Services Ltd – Unit 17, Abbots Business Park, Primrose Hill, Kings Langley, Hertfordshire, WD4 8FR

www.pcwdrainservices.co.uk

T. 01923266990