

IWJS

INDUSTRIAL WATER JETTING SYSTEMS

CCTV SURVEY INSPECTION REPORT

Client:	BIAD Civils
Location:	Prestbury Estates Site, Slate Wharf, Castlefield
Date:	06.04.2022



Industrial Water Jetting Systems Ltd

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Project

Project Name:	Biad construction, Slate Wharf, Manchester, Paul McCready, 21-03-22
Project Date:	24/03/2022
Inspection Standard:	MSCC5 Sewers & Drainage GB (SRM5 Scoring)

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Project Information

Project Name	Project Number	Project Date
Biad construction, Slate Wharf, Manchester, Paul McCready, 21-03-22		24/03/2022

Site

Company: BIAD Civils
Street: Prestbury Estates Site
Town or City: Slate Wharf, Castlefield
County: Greater Manchester
Post Code: M15 4ST

Contractor

Company: IWJS Ltd
Contact: Sharna Donovan
Department: Sales Representative
Street: 10, Huntsman Drive
Town or City: Irlam
County: Greater Manchester
Post Code: M44 5EG
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Scoring Summary

Project Name	Project Number	Project Date
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Structural Defects

Grade 3: Best practice suggests consideration should be given to repairs in the medium term.

Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.

Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
4	SVP02X	4	Broken pipe from 10 o'clock to 1 o'clock

Service / Operational Condition

Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.

Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.

Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
30	SVPX	4	Settled deposits, hard or compacted, 20% cross-sectional area loss

Abandoned Surveys

Section	PLR	Description
30	SVPX	Survey abandoned

Information

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

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Section Inspection - 21/03/2022 - CD01X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
1	1	21/03/22	16:20	Not Specified	No Rain Or Snow	Yes	CD01X

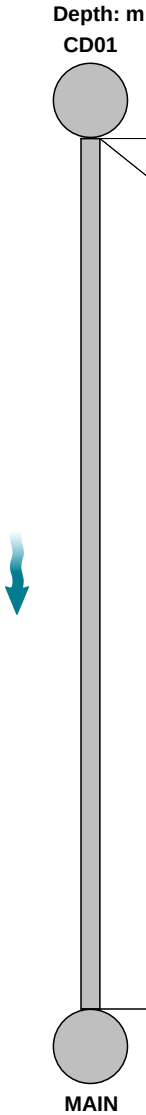
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Private Drain	01

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	CD01
Road:	Slate Wharf	**Inspected Length:**	9.67 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	9.67 m	**Downstream Node:**	MAIN
Surface Type:	Concrete Footway	**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	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:84



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: CD01	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
9.67	OCF	Finish node, other special chamber, reference: MAIN: MAIN	00:00:34		

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

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Section Inspection - 21/03/2022 - CD02X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
2	1	21/03/22	16:20	Not Specified	No Rain Or Snow	Yes	CD02X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Private Drain	02

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	CD02
Road:	Slate Wharf	**Inspected Length:**	10.10 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	10.10 m	**Downstream Node:**	MAIN
Surface Type:	Concrete Footway	**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	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:88



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: CD02	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
10.10	OCF	Finish node, other special chamber, reference: MAIN: MAIN	00:00:36		

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

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Section Inspection - 21/03/2022 - SVP01X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
3	1	21/03/22	16:18	Not Specified	No Rain Or Snow	Yes	SVP01X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Private Drain	03

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP01
Road:	Slate Wharf	**Inspected Length:**	2.46 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	2.46 m	**Downstream Node:**	F1
Surface Type:	Concrete Footway	**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F1	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:03		
0.40	LR	Line deviates right	00:00:01		
2.46	LU	Line deviates up	00:00:13		
2.46	OCF	Finish node, other special chamber, reference: SVP01: END	00:00:13		

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

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Section Inspection - 21/03/2022 - SVP02X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
4	1	21/03/22	16:18	Not Specified	No Rain Or Snow	Yes	SVP02X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.70 m	Category C	04

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP02
Road:	Slate Wharf	**Inspected Length:**	8.23 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	8.23 m	**Downstream Node:**	F1
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:71



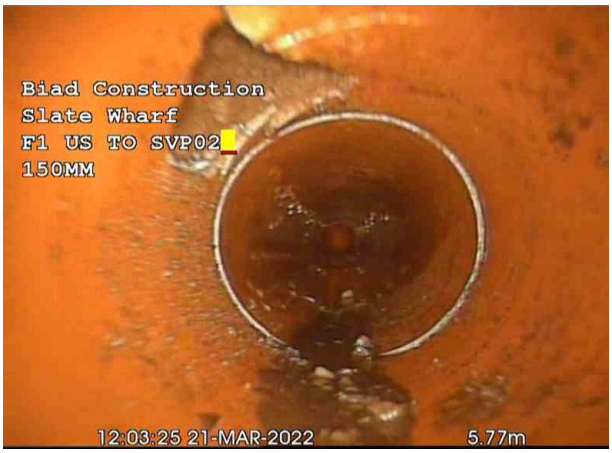
Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F1	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
5.77	B	Broken pipe from 10 o'clock to 1 o'clock	00:00:26	SVP02X_b4f7041f-aee7-4cd0-a	4
8.23	LU	Line deviates up	00:00:36		
8.23	OCF	Finish node, other special chamber, reference: SVP02: END	00:00:36		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
1	80.0	13.9	80.0	4.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 21/03/2022 - SVP02X

Item No.	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
4	Upstream	SVP02X		



SVP02X_b4f7041f-aee7-4cd0-a0be-000bd79018ee_20220324_064409_219.jpg, 00:00:26, 5.77 m
Broken pipe from 10 o'clock to 1 o'clock

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Section Inspection - 21/03/2022 - SVP03X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
5	1	21/03/22	16:18	Not Specified	No Rain Or Snow	Yes	SVP03X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	05

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP03
Road:	Slate Wharf	**Inspected Length:**	15.60 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	15.60 m	**Downstream Node:**	F1
Surface Type:	Concrete Footway	**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:135



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F1	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
0.40	LL	Line deviates left	00:00:02		
3.70	WL	Water level, 15% of the vertical dimension	00:00:13		
4.79	WL	Water level, 40% of the vertical dimension	00:00:19		
6.87	CUW	Loss of vision, camera under water	00:00:30		
10.50	WL	Water level, 30% of the vertical dimension	00:00:43		
10.86	WL	Water level, 5% of the vertical dimension	00:00:45		
15.60	LU	Line deviates up	00:01:01		
15.60	OCF	Finish node, other special chamber, reference: SVP03: LU	00:01:01		

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

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Section Inspection - 21/03/2022 - SVP04X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
6	1	21/03/22	16:18	Not Specified	No Rain Or Snow	Yes	SVP04X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	05

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP04
Road:	Slate Wharf	**Inspected Length:**	13.99 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	13.99 m	**Downstream Node:**	F2
Surface Type:	Concrete Footway	**Joint Length:**	0.40 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:121



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F2	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:05		
8.15	JN	Junction at 12 o'clock, 150mm dia	00:00:27		
13.73	LU	Line deviates up	00:00:44		
13.99	OCF	Finish node, other special chamber, reference: SVP04: LU	00:00:47		

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

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Section Inspection - 21/03/2022 - SVP05X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
7	1	21/03/22	16:18	Not Specified	No Rain Or Snow	Yes	SVP05X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	06

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP05
Road:	Slate Wharf	**Inspected Length:**	3.56 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	3.56 m	**Downstream Node:**	F2
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F2	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
3.06	LU	Line deviates up	00:00:18		
3.56	OCF	Finish node, other special chamber, reference: MAIN: LU	00:00:21		

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

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Section Inspection - 21/03/2022 - F1X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
8	1	21/03/22	16:18	Not Specified	No Rain Or Snow	Yes	F1X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.70 m	Category C	07

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	F1
Road:	Slate Wharf	**Inspected Length:**	2.78 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	2.78 m	**Downstream Node:**	F2
Surface Type:	Concrete Footway	**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F2	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
2.16	LL	Line deviates left: SLIGHT	00:00:09		
2.78	MHF	Finish node, manhole, reference: F1	00:00:12		

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

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Section Inspection - 21/03/2022 - SVP06X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
9	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	SVP06X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	08

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP06
Road:	Slate Wharf	**Inspected Length:**	12.41 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	12.41 m	**Downstream Node:**	F3
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:107



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F3	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
11.29	JN	Junction at 12 o'clock, 150mm dia	00:00:40		
12.03	LU	Line deviates up	00:00:43		
12.41	OCF	Finish node, other special chamber, reference: SVP06: LU	00:00:45		

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

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Section Inspection - 21/03/2022 - F3X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
10	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	F3X

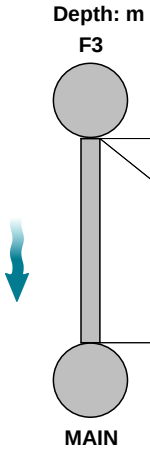
Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	09

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	F3
Road:	Slate Wharf	**Inspected Length:**	1.35 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	1.35 m	**Downstream Node:**	MAIN
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F3	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
1.35	OCF	Finish node, other special chamber, reference: MAIN: MAIN	00:00:07		

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

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Section Inspection - 21/03/2022 - SVP05AX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
11	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	SVP05AX

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	10

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP05A
Road:	Slate Wharf	**Inspected Length:**	5.16 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	5.16 m	**Downstream Node:**	F3
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F3	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
4.78	LU	Line deviates up	00:00:16		
5.16	OCF	Finish node, other special chamber, reference: SVP05A: LU	00:00:19		

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

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Section Inspection - 21/03/2022 - F2X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
12	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	F2X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	11

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	F2
Road:	Slate Wharf	**Inspected Length:**	6.55 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	6.55 m	**Downstream Node:**	F4
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:57



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F4	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
3.86	JN	Junction at 9 o'clock, 150mm dia	00:00:18		
6.55	MHF	Finish node, manhole, reference: F2	00:00:28		

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

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Section Inspection - 21/03/2022 - F4X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
13	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	F4X

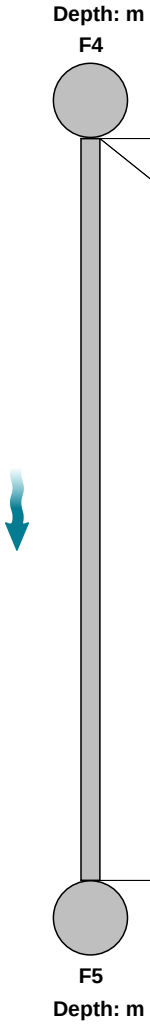
Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	12

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	F4
Road:	Slate Wharf	**Inspected Length:**	4.91 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	4.91 m	**Downstream Node:**	F5
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F4	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
4.91	MHF	Finish node, manhole, reference: F5	00:00:20		

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

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Section Inspection - 21/03/2022 - SS02X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
14	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	SS02X

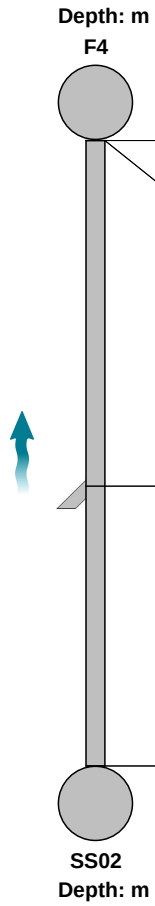
Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	13

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SS02
Road:	Slate Wharf	**Inspected Length:**	4.14 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	4.14 m	**Downstream Node:**	F4
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F4	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
2.29	JN	Junction at 3 o'clock, 150mm dia	00:00:09		
4.14	WL	Water level, 5% of the vertical dimension	00:00:22		

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	0.0	0	0.0	0.0	0.0	0.0

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Section Inspection - 21/03/2022 - F5X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
15	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	F5X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	14

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	F5
Road:	Slate Wharf	**Inspected Length:**	10.92 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	10.92 m	**Downstream Node:**	F6
Surface Type:	Concrete Footway	**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:95



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F6	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
10.80	LL	Line deviates left	00:00:35		
10.92	MHF	Finish node, manhole, reference: F5	00:00:37		

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

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Section Inspection - 21/03/2022 - SS01X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
16	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	SS01X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	15

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SS01
Road:	Slate Wharf	**Inspected Length:**	6.35 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	6.35 m	**Downstream Node:**	F6
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:55

Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m			
		F6			
0.00	MH	Start node, manhole, reference: F6	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
5.63	LU	Line deviates up	00:00:22		
6.35	OCF	Finish node, other special chamber, reference: SS01: LU	00:00:25		
		SS01			
		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

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Section Inspection - 21/03/2022 - SVP13X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
17	1	21/03/22	16:19	Not Specified	No Rain Or Snow	Yes	SVP13X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	16

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP13
Road:	Slate Wharf	**Inspected Length:**	8.78 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	8.78 m	**Downstream Node:**	F7
Surface Type:	Concrete Footway	**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:76

Depth: m
F7



SVP13
Depth: m

Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F7	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
2.90	WL	Water level, 15% of the vertical dimension	00:00:16		
6.41	LL	Line deviates left	00:00:31		
6.90	LR	Line deviates right	00:00:33		
8.62	LU	Line deviates up	00:00:44		
8.78	OCF	Finish node, other special chamber, reference: SVP13: LU	00:00:48		

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

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Section Inspection - 21/03/2022 - F7X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
18	1	21/03/22	16:20	Not Specified	No Rain Or Snow	Yes	F7X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	18

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	F7
Road:	Slate Wharf	**Inspected Length:**	1.94 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	1.94 m	**Downstream Node:**	MAIN
Surface Type:	Concrete Footway	**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F7	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
1.21	LD	Line deviates down	00:00:06		
1.94	OCF	Finish node, other special chamber, reference: MAIN: MAIN	00:00:17		

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

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Section Inspection - 21/03/2022 - F8X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
19	1	21/03/22	16:21	Not Specified	No Rain Or Snow	Yes	F8X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	19

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	F8
Road:	Slate Wharf	**Inspected Length:**	1.92 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	1.92 m	**Downstream Node:**	MAIN
Surface Type:	Concrete Footway	**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F8	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
1.40	WL	Water level, 15% of the vertical dimension	00:00:08		
1.60	LR	Line deviates right	00:00:08		
1.92	OCF	Finish node, other special chamber, reference: MAIN: MAIN	00:00:11		

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

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Section Inspection - 21/03/2022 - SVP16X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
20	1	21/03/22	16:21	Not Specified	No Rain Or Snow	Yes	SVP16X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	20

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP16
Road:	Slate Wharf	**Inspected Length:**	8.49 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	8.49 m	**Downstream Node:**	F8
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:74



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F8	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
6.43	LL	Line deviates left	00:00:19		
8.17	LU	Line deviates up	00:00:25		
8.49	OCF	Finish node, other special chamber, reference: SVP16: LU	00:00:27		

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

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Section Inspection - 21/03/2022 - SVP18X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
21	1	21/03/22	16:21	Not Specified	No Rain Or Snow	Yes	SVP18X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.70 m	Category C	21

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP18
Road:	Slate Wharf	**Inspected Length:**	7.91 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	7.91 m	**Downstream Node:**	F8
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:69



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F8	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
7.70	LU	Line deviates up	00:00:22		
7.91	OCF	Finish node, other special chamber, reference: SVP18: LU	00:00:24		

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

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Section Inspection - 21/03/2022 - F6X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
22	1	21/03/22	16:22	Not Specified	No Rain Or Snow	Yes	F6X

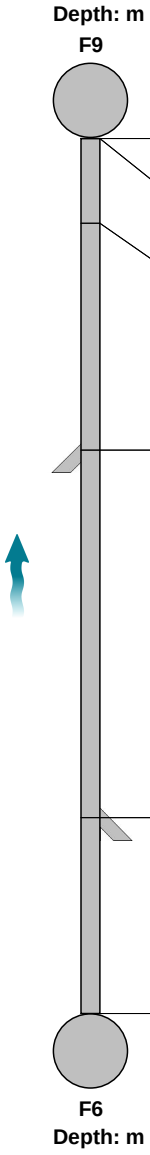
Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	22

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	F6
Road:	Slate Wharf	**Inspected Length:**	21.64 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	21.64 m	**Downstream Node:**	F9
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:187



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F9	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
2.10	OJM	Open joint, medium	00:00:09	F6X_4ac70688-59d7-4827-bad	1
7.72	JN	Junction at 3 o'clock, 150mm dia	00:00:28		
16.81	JN	Junction at 11 o'clock, 150mm dia	00:01:06		
21.64	MHF	Finish node, manhole, reference: F6	00:01:21		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
1	1.0	0.5	1.0	1.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 21/03/2022 - F6X

Item No.	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
22	Upstream	F6X		



F6X_4ac70688-59d7-4827-bad7-2572c24230a6_20220324_073058_772.jpg, 00:00:09, 2.10 m
Open joint, medium

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Section Inspection - 21/03/2022 - SVP10X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
23	1	21/03/22	16:21	Not Specified	No Rain Or Snow	Yes	SVP10X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	23

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP10
Road:	Slate Wharf	**Inspected Length:**	11.19 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	11.19 m	**Downstream Node:**	F10
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:97



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F10	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
10.69	LU	Line deviates up	00:00:50		
11.19	OCF	Finish node, other special chamber, reference: SVP10: STONE REMOVED	00:00:56	SVP10X_4f39dbcd-bca0-4d0c-	

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

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Section Pictures - 21/03/2022 - SVP10X

Item No.	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
23	Upstream	SVP10X		



SVP10X_4f39dbcd-bca0-4d0c-ac89-495ba10e13e0_20220324_073445.jpg, 00:00:56, 11.19 m
Finish node, other special chamber, reference: SVP10,
STONE REMOVED

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Section Inspection - 21/03/2022 - SVP11X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
24	1	21/03/22	16:21	Not Specified	No Rain Or Snow	Yes	SVP11X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	24

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP11
Road:	Slate Wharf	**Inspected Length:**	7.59 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	7.59 m	**Downstream Node:**	F10
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:66



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F10	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
7.40	LU	Line deviates up	00:00:31		
7.59	OCF	Finish node, other special chamber, reference: SVP11: LU	00:00:36		

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

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Section Inspection - 21/03/2022 - F10X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
25	1	21/03/22	16:23	Not Specified	No Rain Or Snow	Yes	F10X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	25

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	F10
Road:	Slate Wharf	**Inspected Length:**	7.16 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	7.16 m	**Downstream Node:**	F11
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:62

Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m			
		F10			
0.00	MH	Start node, manhole, reference: F10	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
1.94	JN	Junction at 3 o'clock, 150mm dia	00:00:07		
7.16	MHF	Finish node, manhole, reference: F11	00:00:21		
		F11			
		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

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Section Inspection - 21/03/2022 - SVP08X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
26	1	21/03/22	16:20	Not Specified	No Rain Or Snow	Yes	SVP08X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	26

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP08
Road:	Slate Wharf	**Inspected Length:**	3.21 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	3.21 m	**Downstream Node:**	F10
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F10	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
2.95	LU	Line deviates up	00:00:16		
3.21	OCF	Finish node, other special chamber, reference: SVP08: LU	00:00:19		

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

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Section Inspection - 21/03/2022 - SVP09X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
27	1	21/03/22	16:20	Not Specified	No Rain Or Snow	Yes	SVP09X

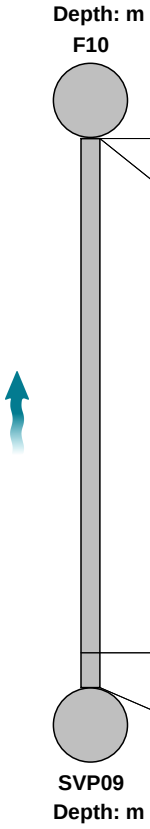
Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	27

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP09
Road:	Slate Wharf	**Inspected Length:**	3.63 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	3.63 m	**Downstream Node:**	F10
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F10	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
3.40	LU	Line deviates up	00:00:15		
3.63	OCF	Finish node, other special chamber, reference: SVP09: LU	00:00:18		

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

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Section Inspection - 21/03/2022 - F9X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
28	1	21/03/22	16:23	Not Specified	No Rain Or Snow	Yes	F9X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	28

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	F9
Road:	Slate Wharf	**Inspected Length:**	15.06 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	15.06 m	**Downstream Node:**	F11
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:130



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F11	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
14.68	LL	Line deviates left: SLIGHT	00:00:47		
15.06	MHF	Finish node, manhole, reference: F9	00:00:52		

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

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Section Inspection - 21/03/2022 - F11X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
29	1	21/03/22	16:23	Not Specified	No Rain Or Snow	Yes	F11X

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	29

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	F11
Road:	Slate Wharf	**Inspected Length:**	14.53 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	14.53 m	**Downstream Node:**	FWUU
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:126	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m F11						
	0.00	MH	Start node, manhole, reference: F11	00:00:00		
	14.53	MHF	Finish node, manhole, reference: FWUU	00:00:40		
FWUU 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

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Section Inspection - 21/03/2022 - SVPX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
30	2	21/03/22	16:23	Not Specified	No Rain Or Snow	Yes	SVPX

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	Not Specified	Category C	30

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP
Road:	Slate Wharf	**Inspected Length:**	2.79 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	2.79 m	**Downstream Node:**	F11
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: F11	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
2.22	REM	General remark: CONCRETE REMOVED	00:00:08	SVPX_c774d93a-71d1-427d-99	
2.79	OCF	Finish node, other special chamber, reference: SVP: LU	00:00:11		

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

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Section Pictures - 21/03/2022 - SVPX

Item No.	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
30	Upstream	SVPX		



SVPX_c774d93a-71d1-427d-99e8-f2aae005d13d_20220324_075928_642.jpg, 00:00:08, 2.22 m
General remark, CONCRETE REMOVED

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Section Inspection - 21/03/2022 - SVPX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
30	1	21/03/22	16:22	Not Specified	No Rain Or Snow	Yes	SVPX

Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	30

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVP
Road:	Slate Wharf	**Inspected Length:**	2.70 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	2.79 m	**Downstream Node:**	F11
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50 Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m F11					
0.00	MH	Start node, manhole, reference: F11	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
2.58	DEC	Settled deposits, hard or compacted, 20% cross-sectional area loss: CONCRETE IN LINE	00:00:10	SVPX_d3b5cf5e-e2be-48c6-95	4
2.70	SA	Survey abandoned: DUE TO CONCRETE	00:00:31		
SVP 2.79		End of pipe			
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	1	5.0	1.9	5.0	4.0

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Section Pictures - 21/03/2022 - SVPX

Item No.	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
30	Upstream	SVPX		



SVPX_d3b5cf5e-e2be-48c6-95c5-f9221b857f52_20220324_075642_326.jpg, 00:00:10, 2.58 m
Settled deposits, hard or compacted, 20% cross-sectional area loss, CONCRETE IN LINE

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Section Inspection - 21/03/2022 - FG01X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
31	1	21/03/22	16:21	Not Specified	No Rain Or Snow	Yes	FG01X

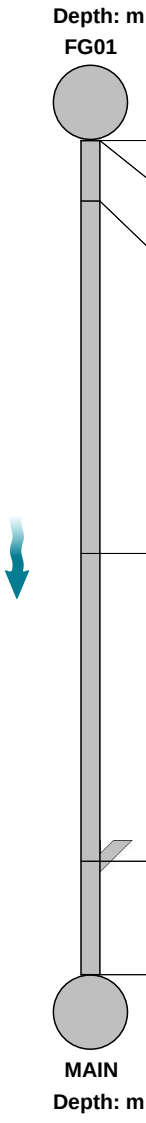
Operator	Vehicle	Camera	Preset Length	Criticality Grade	Alternative ID
P.McCready	PF21 OUL	Push Rod	0.40 m	Category C	31

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FG01
Road:	Slate Wharf	**Inspected Length:**	5.52 m	**Upstream Pipe Depth:**	
Location:	Other walkway	**Total Length:**	5.52 m	**Downstream Node:**	MAIN
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Vitrified clay
Year Constructed:	2021	**Lining Type:**	No Lining
Inspection Purpose:	Sample condition survey	**Lining Material:**	No Lining

Comments: None
Recommendations: None

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: FG01	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
0.40	LL	Line deviates left	00:00:02		
2.73	LD	Line deviates down	00:00:24		
4.77	JN	Junction at 10 o'clock, 100mm dia	00:00:32		
5.52	OCF	Finish node, other special chamber, reference: MAIN: MAIN	00:00:36		

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