



CCTV Inspection Report

View via iTouch Live 

Your full report,
including the video
is only a click away
download or
view online now.



**KFC
BAGULEY
M23 9TJ**

14/10/2024

**Job Number: .
Client Job Number: .**

UK Drainage Services

199 Roundhay Road, Leeds, West Yorkshire, LS8 5AN
Tel: 0333 577 4242



Project Information

Job Number

Surveyed by (Operator)
JOSH LONGFORD

Base Unit
3IJDPP9GRS

Date
14/10/2024

Client Details:

MCFADDEN BUILDING AND CIVIL ENGINEERING
ENGINEERING
4 REDCOAT LANE
KIRKSTALL
LEEDS
LS4 2AL

Site Details:

KFC
BAGULEY
M23 9TJ

Contractor Details:

UK Drainage Services
199 Roundhay Road
Leeds
West Yorkshire
LS8 5AN

Office Contact Number: 0333 577 4242

Purpose of Survey:

Job Number .	Surveyed by (Operator) JOSH LONGFORD	Base Unit 3IJDPP9GRS	Date 14/10/2024
-----------------	--	--------------------------------	---------------------------

Report Contents

Page 1	Cover Page	
Page 2	Job Overview	
Page 3	Contents Page	
Page 5	Job Summary	
Page 8	Survey Run Sheet(Survey 1 - F MH1 to INTERNAL GULLY)	View via iTouch Live 
Page 9	Survey Run Sheet(Survey 2 - F MH1 to INTERNAL GULLY 2)	View via iTouch Live 
Page 10	Survey Run Sheet(Survey 3 - F MH1 to GREASE TRAP)	View via iTouch Live 
Page 11	Survey Run Sheet(Survey 4 - F MH2 to GREASE TRAP)	View via iTouch Live 
Page 12	Survey Run Sheet(Survey 5 - F MH2 to SVP)	View via iTouch Live 
Page 13	Survey Run Sheet(Survey 6 - F MH2 to F MH3)	View via iTouch Live 
Page 14	Survey Run Sheet(Survey 7 - F MH3 to F MH4)	View via iTouch Live 
Page 15	Survey Run Sheet(Survey 8 - F MH4 to F MH5)	View via iTouch Live 
Page 16	Survey Run Sheet(Survey 9 - F MH5 to F MH6)	View via iTouch Live 
Page 17	Survey Run Sheet(Survey 10 - F MH6 to F MH7 EXISTING)	View via iTouch Live 
Page 18	Survey Run Sheet(Survey 11 - F MH7 EXISTING to F MH8 EXISTING)	View via iTouch Live 



Contents Page

Job Number .	Surveyed by (Operator) JOSH LONGFORD	Base Unit 3IJDPP9GRS	Date 14/10/2024
-----------------	--	--------------------------------	---------------------------

Report Contents

Page 20	Survey Run Sheet(Survey 12 - F MH8 EXISTING to F MH9 BURRIED)
Page 21	Defect Summary
Page 23	Grade Defect Descriptions

[View via iTouch Live](#) 



Report Summary

Job Number .	Surveyed by (Operator) JOSH LONGFORD	Base Unit 3JDP9GRS	Date 14/10/2024
-----------------	--	------------------------------	---------------------------

Job Information

Total Distance Surveyed: **118.53 meters**
Engineer: **JOSH LONGFORD**
Number of Surveys: **12**
Number of Surveys grade 4 or above: **0**

Section 1 Overview (14/10/2024)

Manholes: **F MH1 to INTERNAL GULLY**
Pipe Length: **6.26 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Surface water**

Section 2 Overview (14/10/2024)

Manholes: **F MH1 to INTERNAL GULLY 2**
Pipe Length: **7.1 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 3 Overview (14/10/2024)

Manholes: **F MH1 to GREASE TRAP**
Pipe Length: **0.19 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 4 Overview (14/10/2024)

Manholes: **F MH2 to GREASE TRAP**
Pipe Length: **5.79 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 5 Overview (14/10/2024)

Manholes: **F MH2 to SVP**
Pipe Length: **14.48 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

Job Number	Surveyed by (Operator)	Base Unit	Date
.	JOSH LONGFORD	3JDP9GRS	14/10/2024
Section 6 Overview (14/10/2024) Manholes: F MH2 to F MH3 Pipe Length: 19.05 metres Structural Grade: 0 Service Grade: 0 Material: Polyvinyl chloride Pipe Size: 150mm Use: Foul			
Section 7 Overview (14/10/2024) Manholes: F MH3 to F MH4 Pipe Length: 10.19 metres Structural Grade: 0 Service Grade: 0 Material: Polyvinyl chloride Pipe Size: 150mm Use: Foul			
Section 8 Overview (14/10/2024) Manholes: F MH4 to F MH5 Pipe Length: 17.74 metres Structural Grade: 0 Service Grade: 0 Material: Polyvinyl chloride Pipe Size: 150mm Use: Foul			
Section 9 Overview (14/10/2024) Manholes: F MH5 to F MH6 Pipe Length: 11.9 metres Structural Grade: 0 Service Grade: 0 Material: Polyvinyl chloride Pipe Size: 150mm Use: Foul			
Section 10 Overview (14/10/2024) Manholes: F MH6 to F MH7 EXISTING Pipe Length: 5.71 metres Structural Grade: 0 Service Grade: 0 Material: Polyvinyl chloride Pipe Size: 150mm Use: Foul			
Section 11 Overview (14/10/2024) Manholes: F MH7 EXISTING to F MH8 EXISTING Pipe Length: 18.74 metres Structural Grade: 3 Service Grade: 2 Material: Polyvinyl chloride Pipe Size: 150mm Use: Foul			



Report Summary

Job Number .	Surveyed by (Operator) JOSH LONGFORD	Base Unit 3IJDPP9GRS	Date 14/10/2024
-----------------	--	--------------------------------	---------------------------

Section 12 Overview (14/10/2024)

Manholes: **F MH8 EXISTING to F
MH9 BURRIED**

Pipe Length: **1.38 metres**

Structural Grade: **0**

Service Grade: **0**

Material: **Polyvinyl chloride**

Pipe Size: **150mm**

Use: **Foul**

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) INTERNAL GX	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 1
Road KFC Place BAGULEY Location M23 9TJ		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Polyvinyl chloride Category		Start Node F MH1 End Node INTERNAL GULLY Total length 6.26 metres	
Scale 1:0.33 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:F MH1 | I/L :mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference F MH1	10507057	Comment / 0
0.00	WL	Water level 0% height/diameter	10507058	Comment / 0
2.21	JN	Junction at 10 o'clock, diameter 100mm	10507080	Comment / 0
3.88	JN	Junction at 10 o'clock, diameter 100mm	10507083	Comment / 0
6.26	GYF	Finish node type, gully, reference INTERNAL GULLY	10507084	Comment / 0

End Node Ref:INTERNAL GULLY | I/L :mm

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) INTERNAL GX	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 2

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyvinyl chloride Category	Start Node F MH1 End Node INTERNAL GULLY 2 Total length 7.1 metres
--	---	---

Scale 1:0.37 Direction Upstream	View via iTouch Live Download
--	---

Start Node Ref:F MH1 I/L :mm				Photo	Type/Grade
Position	Code	Description			
0.00	MH	Start node type, manhole, reference F MH1		10507111	Comment / 0
0.00	WL	Water level 0% height/diameter		10507116	Comment / 0
					
7.10	GYF	Finish node type, gully, reference INTERNAL GULLY 2		10507117	Comment / 0
End Node Ref:INTERNAL GULLY 2 I/L :mm					

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH1 X	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 3

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyvinyl chloride Category	Start Node F MH1 End Node GREASE TRAP Total length 0.19 metres
--	---	---

Scale 1:0.01 Direction Downstream	View via iTouch Live Download
--	---

Start Node Ref:F MH1 I/L :mm					Photo	Type/Grade
Position	Code	Description				
0.00	MH	Start node type, manhole, reference F MH1			10507131	Comment / 0
0.00	WL	Water level 5% height/diameter			10507133	Comment / 0
						
0.19	OCF	Finish node type, other special chamber, reference GREASE TRAP			10507137	Comment / 0
End Node Ref:GREASE TRAP I/L :mm						

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) GREASE TRAX	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 4

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyvinyl chloride Category	Start Node F MH2 End Node GREASE TRAP Total length 5.79 metres
--	---	---

Scale 1:0.30 Direction Upstream	View via iTouch Live Download
--	---

Start Node Ref:F MH2 I/L :mm				Photo	Type/Grade
Position	Code	Description			
0.00	MH	Start node type, manhole, reference F MH2		10507288	Comment / 0
0.00	WL	Water level 0% height/diameter		10507292	Comment / 0
2.55	JN	Junction at 9 o'clock, diameter 100mm		10507354	Comment / 0
5.79	OCF	Finish node type, other special chamber, reference GREASE TRAP		10507361	Comment / 0
End Node Ref:GREASE TRAP I/L :mm					

CCTV Inspection Report

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) SVP X	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 5
Road KFC Place BAGULEY Location M23 9TJ		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category		Start Node F MH2 End Node SVP Total length 14.48 metres	
Scale 1:0.76 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:F MH2 | I/L :mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference F MH2	10507395	Comment / 0
0.00	WL	Water level 0% height/diameter	10507396	Comment / 0
1.79	JN	Junction at 1 o'clock, diameter 100mm	10507397	Comment / 0
2.64	JN	Junction at 10 o'clock, diameter 100mm	10507401	Comment / 0
5.40	JN	Junction at 1 o'clock, diameter 100mm	10507405	Comment / 0
6.90	JN	Junction at 2 o'clock, diameter 100mm	10507432	Comment / 0
8.60	JN	Junction at 2 o'clock, diameter 100mm	10507433	Comment / 0
10.24	JN	Junction at 9 o'clock, diameter 100mm	10507436	Comment / 0
11.07	JN	Junction at 2 o'clock, diameter 100mm	10507449	Comment / 0
12.50	JN	Junction at 2 o'clock, diameter 100mm	10507450	Comment / 0
14.48	BRF	Finish node type, major connection without manhole, reference SVP	10507451	Comment / 0

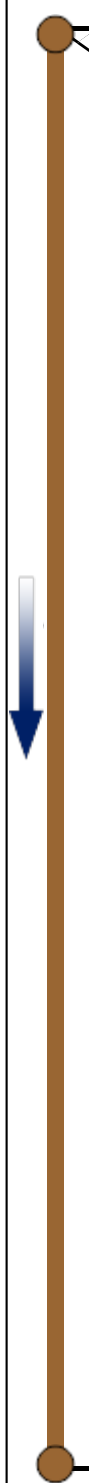
End Node Ref:SVP | I/L :mm

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH2 X	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 6

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category	Start Node F MH2 End Node F MH3 Total length 19.05 metres
--	---	--

Scale 1:1.00 Direction Downstream	View via iTouch Live Download
--	---

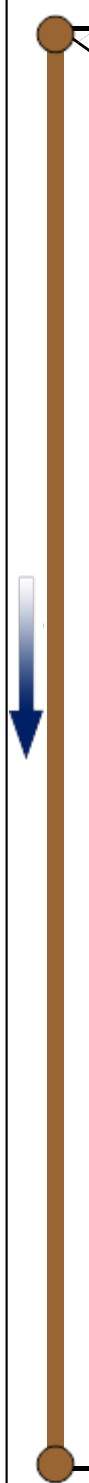
Start Node Ref:F MH2 I/L :mm					
Position	Code	Description	Photo	Type/Grade	
0.00	MH	Start node type, manhole, reference F MH2	10507643	Comment / 0	
0.00	WL	Water level 5% height/diameter	10507645	Comment / 0	
					
19.05	MHF	Finish node type, manhole, reference F MH3	10507687	Comment / 0	
End Node Ref:F MH3 I/L :mm					

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH3 X	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 7

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category	Start Node F MH3 End Node F MH4 Total length 10.19 metres
--	---	--

Scale 1:0.53 Direction Downstream	View via iTouch Live Download
--	---

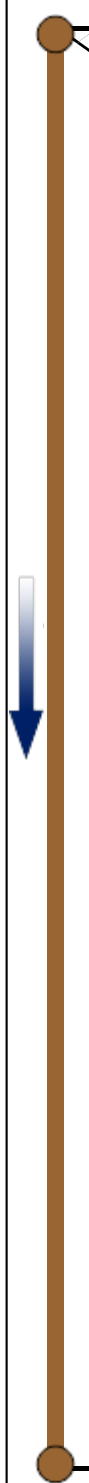
Start Node Ref:F MH3 I/L :mm					
Position	Code	Description	Photo	Type/Grade	
0.00	MH	Start node type, manhole, reference F MH3	10507689	Comment / 0	
0.00	WL	Water level 5% height/diameter	10507690	Comment / 0	
					
10.19	MHF	Finish node type, manhole, reference F MH4	10507714	Comment / 0	
End Node Ref:F MH4 I/L :mm					

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH4 X	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 8

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

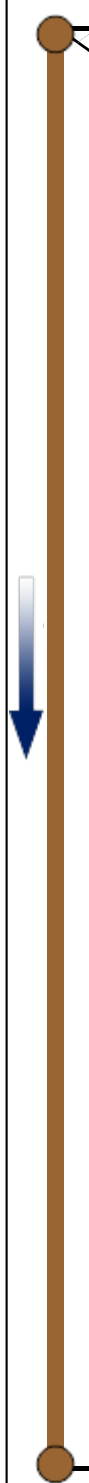
Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category	Start Node F MH4 End Node F MH5 Total length 17.74 metres
--	---	--

Scale 1:0.93 Direction Downstream	View via iTouch Live Download
--	---

Start Node Ref:F MH4 I/L :mm				Photo	Type/Grade
Position	Code	Description			
0.00	MH	Start node type, manhole, reference F MH4		10507717	Comment / 0
0.00	WL	Water level 5% height/diameter		10507718	Comment / 0
					
17.74	MHF	Finish node type, manhole, reference F MH5		10507731	Comment / 0
End Node Ref:F MH5 I/L :mm					

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH5 X	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 9
Road KFC Place BAGULEY Location M23 9TJ		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category		Start Node F MH5 End Node F MH6 Total length 11.9 metres	
Scale 1:0.62 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:F MH5 | I/L :mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference F MH5	10508195	Comment / 0
0.00	WL	Water level 5% height/diameter	10508198	Comment / 0
				
11.90	MHF	Finish node type, manhole, reference F MH6	10508313	Comment / 0

End Node Ref:F MH6 | I/L :mm

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH6 X	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 10

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category	Start Node F MH6 End Node F MH7 EXISTING Total length 5.71 metres
--	---	--

Scale 1:0.30 Direction Downstream	View via iTouch Live Download
--	---

Start Node Ref:F MH6 I/L :mm					Photo	Type/Grade
Position	Code	Description				
0.00	MH	Start node type, manhole, reference F MH6			10508314	Comment / 0
0.00	WL	Water level 5% height/diameter			10508315	Comment / 0
						
2.81	JN	Junction at 9 o'clock, diameter 150mm			10508316	Comment / 0

Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH7 EXISX	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 2/3	Base Unit 3IJDPP9GRS	Section Number 11

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category	Start Node F MH7 EXISTING End Node F MH8 EXISTING Total length 18.74 metres
--	---	--

Scale 1:0.98 Direction Downstream	View via iTouch Live Download
--	---

Start Node Ref:F MH7 EXISTING I/L :mm				Photo	Type/Grade
Position	Code	Description			
0.00	MH	Start node type, manhole, reference F MH7 EXISTING		10508686	Comment / 0
0.00	WL	Water level 10% height/diameter		10508693	Comment / 0
7.02	JD	Joint displaced 15mm		10508700	Structural / 3
7.02	RFJ	Roots fine, at joint		10508701	Service / 2
7.40	JD	Joint displaced 10mm		10508706	Structural / 3
7.64	JN	Junction at 11 o'clock, diameter 100mm		10508707	Comment / 0
16.86	JN	Junction at 11 o'clock, diameter 100mm		10508710	Comment / 0
18.10	WL	Water level 50% height/diameter		10508711	Comment / 0
18.10	CUW (S01)	Loss of vision, camera under water, Start		10508714	Comment / 0
18.74	CUW (F01)	Loss of vision, camera under water, Finished		10508716	Comment / 0
18.74	MHF	Finish node type, manhole, reference F MH8 EXISTING		10508717	Comment / 0
End Node Ref:F MH8 EXISTING I/L :mm					

Job Number	Surveyed by (Operator)	Base Unit	Date
.	JOSH LONGFORD	3JDPP9GRS	14/10/2024
From: F MH7 EXISTING / To: F MH8 EXISTING Size: 150mm  7.02 M Joint displaced 15mm From: F MH7 EXISTING / To: F MH8 EXISTING Size: 150mm  7.40 M Joint displaced 10mm			

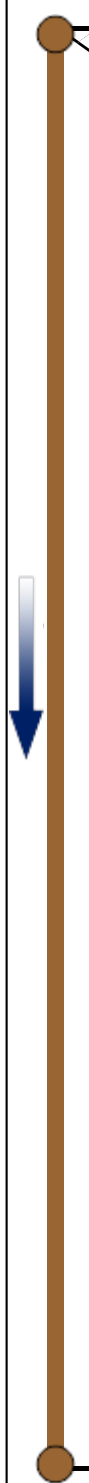
Surveyed by (Operator) JOSH LONGFORD	Job Number .	Pipe Length Reference(PLR) F MH8 EXISX	Date 14/10/2024	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 3IJDPP9GRS	Section Number 12

Road KFC Place BAGULEY Location M23 9TJ	Division District Location Details
--	--

Purpose Duty Foul Catchment	Shape/Size 150mm Material Polyvinyl chloride Category	Start Node F MH8 EXISTING End Node F MH9 BURRIED Total length 1.38 metres
--	---	--

Scale 1:0.07 Direction Downstream	View via iTouch Live Download
--	---

Start Node Ref:F MH8 EXISTING | I/L :mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference F MH8 EXISTING	10508727	Comment / 0
0.00	WL	Water level 0% height/diameter	10508728	Comment / 0
				
1.38	MHF	Finish node type, manhole, reference F MH9 BURRIED	10508734	Comment / 0

End Node Ref:F MH9 BURRIED | I/L :mm

Structural Defects (SRM 4)

Job Number				Surveyed by (Operator) JOSH LONGFORD			Base Unit 3JDP9GRS			Date 14/10/2024			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	INTERNAL GX	U	S	100	14/10/2024	Polyvinyl chloride	6.26 metres	6.26		0	1	0	0
2	INTERNAL GX	U	F	100	14/10/2024	Polyvinyl chloride	7.1 metres	7.1		0	1	0	0
3	F MH1 X	D	F	100	14/10/2024	Polyvinyl chloride	0.19 metres	0.19		0	1	0	0
4	GREASE TRAX	U	F	100	14/10/2024	Polyvinyl chloride	5.79 metres	5.79		0	1	0	0
5	SVP X	U	F	150	14/10/2024	Polyvinyl chloride	14.48 metres	14.48		0	1	0	0
6	F MH2 X	D	F	150	14/10/2024	Polyvinyl chloride	19.05 metres	19.05		0	1	0	0
7	F MH3 X	D	F	150	14/10/2024	Polyvinyl chloride	10.19 metres	10.19		0	1	0	0
8	F MH4 X	D	F	150	14/10/2024	Polyvinyl chloride	17.74 metres	17.74		0	1	0	0
9	F MH5 X	D	F	150	14/10/2024	Polyvinyl chloride	11.9 metres	11.9		0	1	0	0
10	F MH6 X	D	F	150	14/10/2024	Polyvinyl chloride	5.71 metres	5.71		0	1	0	0
11	F MH7 EXISX	D	F	150	14/10/2024	Polyvinyl chloride	18.74 metres	18.74		40	3	4.27	80
12	F MH8 EXISX	D	F	150	14/10/2024	Polyvinyl chloride	1.38 metres	1.38		0	1	0	0

Service Defects (SRM 4)

Job Number				Surveyed by (Operator) JOSH LONGFORD			Base Unit 3JDP9GRS			Date 14/10/2024			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	INTERNAL GX	U	S	100	14/10/2024	Polyvinyl chloride	6.26 metres	6.26		0	1	0	0
2	INTERNAL GX	U	F	100	14/10/2024	Polyvinyl chloride	7.1 metres	7.1		0	1	0	0
3	F MH1 X	D	F	100	14/10/2024	Polyvinyl chloride	0.19 metres	0.19		0	1	0	0
4	GREASE TRAX	U	F	100	14/10/2024	Polyvinyl chloride	5.79 metres	5.79		0	1	0	0
5	SVP X	U	F	150	14/10/2024	Polyvinyl chloride	14.48 metres	14.48		0	1	0	0
6	F MH2 X	D	F	150	14/10/2024	Polyvinyl chloride	19.05 metres	19.05		0	1	0	0
7	F MH3 X	D	F	150	14/10/2024	Polyvinyl chloride	10.19 metres	10.19		0	1	0	0
8	F MH4 X	D	F	150	14/10/2024	Polyvinyl chloride	17.74 metres	17.74		0	1	0	0
9	F MH5 X	D	F	150	14/10/2024	Polyvinyl chloride	11.9 metres	11.9		0	1	0	0
10	F MH6 X	D	F	150	14/10/2024	Polyvinyl chloride	5.71 metres	5.71		0	1	0	0
11	F MH7 EXISX	D	F	150	14/10/2024	Polyvinyl chloride	18.74 metres	18.74		1	2	0.05	1
12	F MH8 EXISX	D	F	150	14/10/2024	Polyvinyl chloride	1.38 metres	1.38		0	1	0	0

Defect Grade Descriptions

Job Number	Surveyed by (Operator)	Base Unit	Date
.	JOSH LONGFORD	3JDP9GRS	14/10/2024
1: Occurences without damage. For example, laterals, joints,etc. NO DEFECTS WERE DETECTED.			
2: Constructional deficiencies or occurences with insignificant influence to tightness, hydraulic or static pressure or pipe: Eg. wide joints, badly torched intakes, minor deformation of plastic pipes, minor erosions etc. REHABILITATION CAN BE SCHEDULED LONG-TERM.			
3: Constructional deficiencies diminishing static, hydraulic and tightness: Eg. untorched intakes, cracks, minor drainage obstructions such as calcite build ups, protruding laterals, minor damages to pipe wall, individual root penetrations, corroded pipe walls etc. REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 3 TO 5 YEARS.			
4: Constructional damages with insufficient static safety, hydraulic or tightness: Eg. axial/radial pipe bursts, pipe deformations, visually noticeable infiltration/exfiltration, cavities, in pipe-wall, severe protruding, laterals severe root penetrations, severe corrosion of pipe wall etc. REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED WITHIN 1 TO 2 YEARS. NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED.			
5: Pipe is already or will shortly be impermeable: Eg. collapsed pipe, deeply rooted pipe or other drainage obstructions. Pipe loses water or danger of backwater in basements etc. REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE, NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.			