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SUBTEK Ltd
19 Wedderburn Road, Malvern
Worcestershire, WR14 2DF
Tel.: 01684 572244
Website: www.subtek.co.uk
Email: enquiries@subtek.co.uk

Report Index

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SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Service / Operational Defects (SRM 4)

Project name :
AMEY 3076

Project Number :
3076

Contact :
David Coombs, Amey

Date :
05/08/2015

No.	PLR	Dir.	Use	Shape / Size	Date	Mat.	Total Length	Insp. Length	Peak HWG	Peak Score	Grade	Mean Score	Total Score
1	G01X	D	S	C 150	05/08/2015	VC	0.50	0.50	-	0	1	0	0
2	G02X	U	S	C 225	05/08/2015	PVC	6.30	6.30	3	3	3	0.86	5.4
3	G03X	D	S	C 150	05/08/2015	VC	9.30	9.30	-	0	1	0	0
4	G04X	U	S	C 150	05/08/2015	VC	10.00	10.00	1	1	2	0.2	2
5	G06X	D	S	C 150	05/08/2015	VC	4.60	4.60	3	2	3	0.43	2
6	G07X	D	S	C 150	05/08/2015	VC	7.20	7.20	3	13	5	6.18	44.5
7	G08X	D	S	C 150	05/08/2015	VC	3.50	3.50	1	1	2	0.29	1
8	G09X	D	S	C 150	05/08/2015	VC	1.60	1.60	-	0	1	0	0
9	G10X	D	S	C 150	05/08/2015	VC	5.80	5.80	-	0	1	0	0
10	01X	U	S	C 300	05/08/2015	VC	78.00	32.20	2	6	4	3.31	106.6
11	01AX	D	S	C 300	05/08/2015	VC	111.00	111.00	2	4	3	1.96	218
12	01X	D	S	C 300	05/08/2015	VC	78.00	44.30	5	8	4	3.65	161.6
13	U/SX	U	S	C 150	06/08/2015	CO	0.20	0.20	-	0	1	0	0
14	G11X	D	S	C 150	06/08/2015	CO	4.80	4.80	3	3	3	1.83	8.8
15	G12X	D	S	C 150	06/08/2015	CO	9.10	9.10	1	1	2	0.99	9
16	G14X	U	S	C 150	06/08/2015	PVC	16.00	16.00	-	0	1	0	0
17	G17X	U	S	C 150	06/08/2015	PVC	4.40	4.40	-	0	1	0	0
18	G16X	D	S	C 150	06/08/2015	PVC	21.00	21.00	-	0	1	0	0
19	G20X	U	S	C 150	06/08/2015	PVC	3.80	3.80	-	0	1	0	0
20	G19X	D	S	C 150	06/08/2015	PVC	12.80	12.80	3	1	2	0.08	1
21	G13X	D	S	C 150	06/08/2015	CO	27.00	26.40	3	3	3	0.45	12
22	G15X	D	S	C 150	06/08/2015	VC	11.10	11.10	-	0	1	0	0
23	G13X	U	S	C 150	06/08/2015	VC	27.00	0.50	-	0	1	0	0
24	01BX	D	S	C 300	06/08/2015	PVC	69.00	69.00	3	3	3	0.24	16.4
25	01CX	D	S	C 1200	06/08/2015	CO	12.80	12.80	3	2	3	1.62	20.8
26	01DX	D	S	C 1200	06/08/2015	CO	4.30	4.30	3	2	3	2	8.6
27	OPEN CUTX	U	S	C 900	06/08/2015	ST	9.00	9.00	-	0	1	0	0
28	01FX	D	S	C 225	11/08/2015	PF	7.10	7.10	1	4	3	2	14
29	G02AX	D	S	R 200/150	11/08/2015	MAR	1.30	1.30	3	8	5	6.15	8
30	U/SX	U	S	R 200/150	11/08/2015	MAR	0.80	0.80	3	8	5	10	8
31	U/SX	U	S	C 225	11/08/2015	PF	33.00	33.00	3	4	3	2.15	71
32	01GX	D	S	C 225	11/08/2015	VC	400.00	51.00	5	7	4	4.24	216



Structural Defects (SRM 4)

Project name : AMEY 3076	Project Number : 3076	Contact : David Coombs, Amey	Date : 05/08/2015
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No.	PLR	Dir.	Use	Shape / Size	Date	Mat.	Total Length	Insp. Length	Peak HWG	Peak Score	Grade	Mean Score	Total Score
1	G01X	D	S	C 150	05/08/2015	VC	0.50	0.50	3	40	3	80	40
2	G02X	U	S	C 225	05/08/2015	PVC	6.30	6.30	2	10	2	1.9	12
3	G03X	D	S	C 150	05/08/2015	VC	9.30	9.30	4	131	4	14.95	139
4	G04X	U	S	C 150	05/08/2015	VC	10.00	10.00	3	41	3	7	70
5	G06X	D	S	C 150	05/08/2015	VC	4.60	4.60	2	31	2	9.57	44
6	G07X	D	S	C 150	05/08/2015	VC	7.20	7.20	3	40	3	5.56	40
7	G08X	D	S	C 150	05/08/2015	VC	3.50	3.50	2	11	2	4.29	15
8	G09X	D	S	C 150	05/08/2015	VC	1.60	1.60	1	1	1	1.25	2
9	G10X	D	S	C 150	05/08/2015	VC	5.80	5.80	-	0	1	0	0
10	01X	U	S	C 300	05/08/2015	VC	78.00	32.20	3	40	3	1.86	60
11	01AX	D	S	C 300	05/08/2015	VC	111.00	111.00	4	200	5	5.96	662
12	01X	D	S	C 300	05/08/2015	VC	78.00	44.30	3	40	3	2.71	120
13	U/SX	U	S	C 150	06/08/2015	CO	0.20	0.20	-	0	1	0	0
14	G11X	D	S	C 150	06/08/2015	CO	4.80	4.80	-	0	1	0	0
15	G12X	D	S	C 150	06/08/2015	CO	9.10	9.10	4	165	5	28.24	257
16	G14X	U	S	C 150	06/08/2015	PVC	16.00	16.00	-	0	1	0	0
17	G17X	U	S	C 150	06/08/2015	PVC	4.40	4.40	-	0	1	0	0
18	G16X	D	S	C 150	06/08/2015	PVC	21.00	21.00	5	20	2	0.95	20
19	G20X	U	S	C 150	06/08/2015	PVC	3.80	3.80	-	0	1	0	0
20	G19X	D	S	C 150	06/08/2015	PVC	12.80	12.80	-	0	1	0	0
21	G13X	D	S	C 150	06/08/2015	CO	27.00	26.40	4	81	4	7.01	185
22	G15X	D	S	C 150	06/08/2015	VC	11.10	11.10	2	20	2	1.8	20
23	G13X	U	S	C 150	06/08/2015	VC	27.00	0.50	2	10	2	24	12
24	01BX	D	S	C 300	06/08/2015	PVC	69.00	69.00	-	0	1	0	0
25	01CX	D	S	C 1200	06/08/2015	CO	12.80	12.80	2	10	2	3.12	40
26	01DX	D	S	C 1200	06/08/2015	CO	4.30	4.30	2	20	2	4.65	20
27	OPEN CUTX	U	S	C 900	06/08/2015	ST	9.00	9.00	-	0	1	0	0
28	01FX	D	S	C 225	11/08/2015	PF	7.10	7.10	5	80	4	80	560
29	G02AX	D	S	R 200/150	11/08/2015	MAR	1.30	1.30	-	185	5	142.31	185
30	U/SX	U	S	R 200/150	11/08/2015	MAR	0.80	0.80	-	185	5	231.25	185
31	U/SX	U	S	C 225	11/08/2015	PF	33.00	33.00	5	100	4	38.64	1275
32	01GX	D	S	C 225	11/08/2015	VC	400.00	51.00	4	186	5	11.67	595



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 1	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G01 (D/S) D/S	Location details: Pipe Length	ON BEND OUTSIDE WAR MEMORIAL	U/S MH : U/S Depth : D/S MH : D/S Depth :	G01 0.37 D/S
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Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 0.50 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay
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Comment :

1:50 Depth: 0.37	Position	Observation	Photo	Grade
		Start node type, gully, reference number : G01 Remarks: GULLY 01	1_1A	0
		General photograph taken at this point Remarks: LOCATION PHOTO	1_2A	0
		Water level, 05% of the vertical dimension		0
		Cracks, multiple, from 12 to 12 o'clock	1_4A	3
		Finish node type, other special chamber reference number: D/S Remarks: CONNECTION ONTO STONE CULVERT	1_5A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	40	80	40	3	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 1	PLR Suffix : X
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Photo: DSC02027.JPG
 0m, Start node type, gully, reference number : G01 Remarks:
 GULLY 01



Photo: DSC02029.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 1_1_32_A.jpg, 00:00:05
 0m, Cracks, multiple, from 12 to 12 o'clock



Photo: 1_1_33_A.jpg, 00:00:22
 0.5m, Finish node type, other special chamber reference
 number: D/S Remarks: CONNECTION ONTO STONE
 CULVERT



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 2	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G01 (U/S) G02	Location details: ON BEND OUTSIDE WAR MEMORIAL	U/S MH : U/S Depth : D/S MH : D/S Depth :	G02 0.35 G01 0.37
Use:	Surface water	Pipe Length	1.00 m	Pipe shape : Pipe size : Pipe material : Lining :

Year laid : Purpose : Total length :	Investigation of operational problem 6.30 m
Pipe shape :	Circular
Pipe size :	225 mm
Pipe material :	Polyvinyl chloride
Lining :	

Comment :

1:60 Position Depth: 0.37	Observation	Photo	Grade
G01	Start node type, gully, reference number : G01 Remarks: GULLY 01		0
0.00	General photograph taken at this point Remarks: LOCATION PHOTO	2_2A	0
0.00	Water level, 05% of the vertical dimension		0
0.00	Settled deposits, fine, 05% cross-sectional area loss	2_4A	2
0.30	Crack, circumferential, from 9 to 1 o'clock		2
0.70	Material changes, concrete		0
0.70	Dimension changes, 150mm high Remarks: POOR REDUCER	2_7A	0
0.70	Joint displaced, large		1
4.00 S01	Settled deposits, fine, 10% cross-sectional area loss, Start		3
6.20 F01	Settled deposits, fine, 10% cross-sectional area loss, End		3
6.30	Finish node type, gully reference number: G02 Remarks: GULLY 02	2_11A	0
Depth: 0.35			

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	10	1.9	12	2	2	3	0.86	5.4	3

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 2	PLR Suffix : X
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Photo: DSC02030.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 3_3_35_A.jpg, 00:00:05
 0m, Settled deposits, fine, 05% cross-sectional area loss



Photo: 3_3_38_A.jpg, 00:00:23
 0.7m, Dimension changes, 150mm high Remarks: POOR
 REDUCER



Photo: 3_3_42_A.jpg, 00:01:24
 6.3m, Finish node type, gully reference number: G02 Remarks:
 GULLY 02



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 3	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G03 (D/S) D/S	Location details: ON BEND OUTSIDE BLAISDON HALL ENTRANCE	U/S MH : U/S Depth : D/S MH : D/S Depth :	G03 0.55 D/S
	Pipe Length	1.00 m		

Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 9.30 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay
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Comment :

1:75 Depth: 0.55	Position	Observation	Photo	Grade
		Start node type, gully, reference number : G03 Remarks: GULLY 03	3_1A	0
		General photograph taken at this point Remarks: LOCATION PHOTO	3_2A	0
		Water level, 05% of the vertical dimension		0
	0.30 S01	Joint displaced, medium, Start	3_4A	1
	0.30	Crack, longitudinal at joint, at 1 o'clock		2
	1.10	Cracks, multiple, from 7 to 5 o'clock		3
	1.10	Hole in drain/sewer, at 1 o'clock Remarks: SMALL HOLE	3_7A	4
	8.50	Line deviates right Remarks: SHARP	3_8A	0
	9.30 F01	Joint displaced, medium, End		1
	9.30	Finish node type, other special chamber reference number: D/S Remarks: CONNECTION ONTO STONE CULVERT	3_10A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
4	131	14.95	139	4	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 3	PLR Suffix : X
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Photo: DSC02031.JPG
 0m, Start node type, gully, reference number : G03 Remarks:
 GULLY 03



Photo: DSC02036.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 4_4_44_A.jpg, 00:00:16
 0.3m, Joint displaced, medium, Start



Photo: 4_4_47_A.jpg, 00:00:28
 1.1m, Hole in drain/sewer, at 1 o'clock Remarks: SMALL HOLE

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 3	PLR Suffix : X
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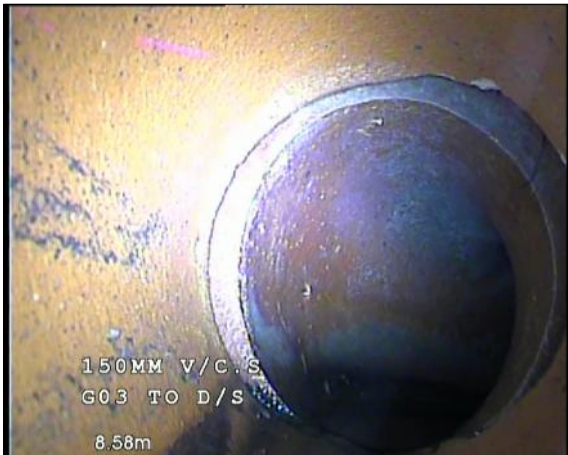


Photo: 4_4_48_A.jpg, 00:01:29
8.5m, Line deviates right Remarks: SHARP

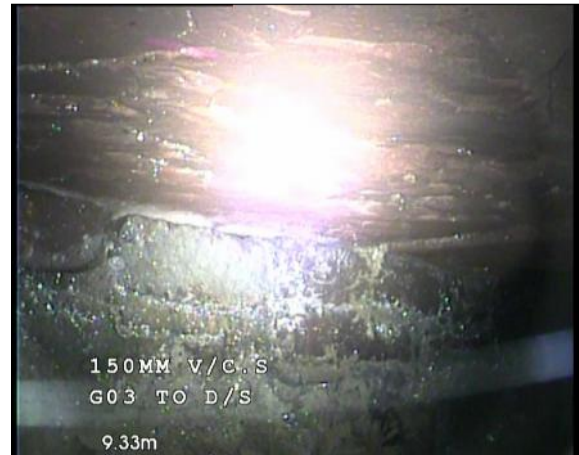


Photo: 4_4_50_A.jpg, 00:01:50
9.3m, Finish node type, other special chamber reference
number: D/S Remarks: CONNECTION ONTO STONE
CULVERT



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 4	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G03 (U/S) G04	Location details: Pipe Length	OUTSIDE BLAISDON HALL ENTRANCE TO BLAISDON COURT 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G04 G03 G03 0.55
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Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 10.00 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay
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Comment :

1:90 Position	Depth: 0.55	Observation	Photo	Grade
G03	0.00	Start node type, gully, reference number : G03 Remarks: GULLY 03		0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	4_2A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.00	Cracks, multiple, from 12 to 12 o'clock	4_4A	3
	0.30	Roots, fine at joint		2
	0.30 S01	Joint displaced, medium, Start		1
	1.30	Roots, fine at joint		2
	8.20	Crack, circumferential at joint, from 2 to 5 o'clock		2
	8.60	Crack, longitudinal at joint, at 12 o'clock		2
	9.00	Material changes, concrete		0
	10.00 F01	Joint displaced, medium, End		1
	10.00	Finish node type, gully reference number: G04 Remarks: GULLY 04	4_12A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
4	41	7	70	3	2	1	0.2	2	2

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 4	PLR Suffix : X
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Photo: DSC02032.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 5_5_52_A.jpg, 00:00:07
 0m, Cracks, multiple, from 12 to 12 o'clock



Photo: 5_5_60_A.jpg, 00:01:38
 10m, Finish node type, gully reference number: G04 Remarks:
 GULLY 04



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 5	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G06 (D/S) D/S	Location details: ON BEND OUTSIDE SPRING COTTAGE	U/S MH : U/S Depth : D/S MH : D/S Depth :	G06 0.48 D/S
	Pipe Length	1.00 m		

Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 4.60 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay
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Comment : **TOTAL LENGTH UNKNOWN**

1:50 Depth: 0.48	Position	Observation	Photo	Grade
	0.00	Start node type, gully, reference number : G06 Remarks: GULLY 06	5_1A	0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	5_2A	0
	0.00	General remark Remarks: HEAVY DEBRIS REMOVED. GULLY OPERATING POORLY	5_3A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.30	Crack, longitudinal at joint, at 3 o'clock		2
	0.30	Crack, longitudinal at joint, at 10 o'clock		2
	0.30 S01	Joint displaced, medium, Start	5_7A	1
	1.00	Settled deposits, fine, 15% cross-sectional area loss		3
	1.20	Crack, longitudinal at joint, at 10 o'clock		2
	1.70	Crack, longitudinal at joint, at 12 o'clock		2
	2.00	Water level, 30% of the vertical dimension		0
	2.60	Water level, 75% of the vertical dimension	5_12A	0
2.70 S02	Loss of vision, camera under water, Start		0	



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 5	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

1:50	Position	Observation	Photo	Grade					
		<p style="color: green;">Joint displaced, medium, End</p> <p>Loss of vision, camera under water, End</p> <p>Survey abandoned Remarks: UNABLE TO CONTINUE. OBSTRUCTION TRACED & MARKED AT 10MTS 0.85MTS DEEP</p>	<p>5_16A</p>	<p style="color: green;">1</p> <p>0</p> <p>0</p>					
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
5	31	9.57	44	2	1	2	0.43	2	3

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 5	PLR Suffix : X
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Photo: DSC02033.JPG
 0m, Start node type, gully, reference number : G06 Remarks:
 GULLY 06



Photo: DSC02037.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO

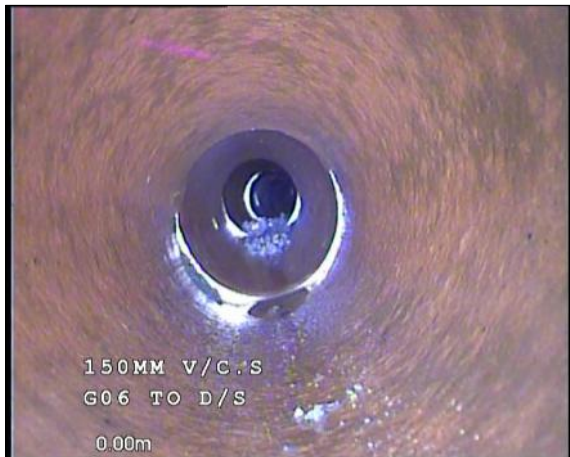


Photo: 6_6_12_A.jpg
 0m, General remark Remarks: HEAVY DEBRIS REMOVED.
 GULLY OPERATING POORLY



Photo: 6_6_64_A.jpg, 00:00:13
 0.3m, Joint displaced, medium, Start

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 5	PLR Suffix : X
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Photo: 6_6_69_A.jpg, 00:00:43
2.6m, Water level, 75% of the vertical dimension



Photo: DSC02038.JPG, 00:01:07
4.6m, Survey abandoned Remarks: UNABLE TO CONTINUE.
OBSTRUCTION TRACED & MARKED AT 10MTS 0.85MTS
DEEP



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 6	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G07 (D/S) D/S	Location details: OPPOSITE SPRING COTTAGE ON BEND	U/S MH : U/S Depth : D/S MH : D/S Depth :	G07 0.44 D/S
Use:	Surface water	Pipe Length	1.00 m	Pipe shape : Pipe size : Pipe material : Lining :

Year laid : Purpose : Total length :	Investigation of operational problem 7.20 m
Pipe shape :	Circular
Pipe size :	150 mm
Pipe material :	Vitrified clay
Lining :	

Comment : **TOTAL LENGTH UNKNOWN**

1:60 Depth: 0.44	Position	Observation	Photo	Grade
	0.00	Start node type, gully, reference number : G07 Remarks: GULLY 07	6_1A	0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	6_2A	0
	0.00	General remark Remarks: HEAVY DEBRIS REMOVED. GULLY OPERATING POORLY	6_3A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.50	Material changes, concrete	6_5A	0
	0.50 S01	Settled deposits, coarse, 20% cross-sectional area loss, Start		4
	2.10	Roots, fine at joint		2
	4.60	Roots, fine		2
	4.70	Fracture, circumferential, from 9 to 3 o'clock	6_9A	3
	5.80	Roots, fine at joint		2
	7.20 F01	Settled deposits, coarse, 20% cross-sectional area loss, End		4
	7.20	Settled deposits, coarse, 70% cross-sectional area loss	6_12A	4
	7.20	Survey abandoned Remarks: UNABLE TO CONTINUE. OBSTRUCTION TRACED & MARKED AT 19MTS 0.86MTS DEEP	6_13A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	40	5.56	40	3	5	13	6.18	44.5	5

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 6	PLR Suffix : X
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Photo: DSC02034.JPG
 0m, Start node type, gully, reference number : G07 Remarks:
 GULLY 07



Photo: DSC02039.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 7_7_15_A.jpg
 0m, General remark Remarks: HEAVY DEBRIS REMOVED.
 GULLY OPERATING POORLY



Photo: 7_7_75_A.jpg, 00:00:14
 0.5m, Material changes, concrete

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 6	PLR Suffix : X
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Photo: 7_7_79_A.jpg, 00:00:42
 4.7m, Fracture, circumferential, from 9 to 3 o'clock



Photo: 7_7_82_A.jpg, 00:01:10
 7.2m, Settled deposits, coarse, 70% cross-sectional area loss



Photo: DSC02040.JPG, 00:01:10
 7.2m, Survey abandoned Remarks: UNABLE TO CONTINUE.
 OBSTRUCTION TRACED & MARKED AT 19MTS 0.86MTS DEEP



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 7	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G08 (D/S) D/S	Location details: OUTSIDE TAN HOUSE FARM Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G08 0.58 D/S
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Use: Surface water Year laid : Purpose : Total length : 3.50 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Vitrified clay Lining :
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Comment :

1:50 Depth: 0.58	Position	Observation	Photo	Grade
	0.00	Start node type, gully, reference number : G08 Remarks: GULLY 08	7_1A	0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	7_2A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.30	Joint displaced, medium	7_4A	1
	0.80	Joint displaced, medium		1
	0.80	Roots, fine at joint		2
	0.80 S01	Joint displaced, medium, Start		1
	3.30	Crack, circumferential, from 8 to 4 o'clock		2
	3.50 F01	Joint displaced, medium, End		1
	3.50	Finish node type, other special chamber reference number: D/S Remarks: CONNECTION ONTO MAIN	7_10A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
4	11	4.29	15	2	1	1	0.29	1	2

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 7	PLR Suffix : X
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Photo: DSC02041.JPG
 0m, Start node type, gully, reference number : G08 Remarks:
 GULLY 08



Photo: DSC02045.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 8_8_85_A.jpg, 00:00:05
 0.3m, Joint displaced, medium

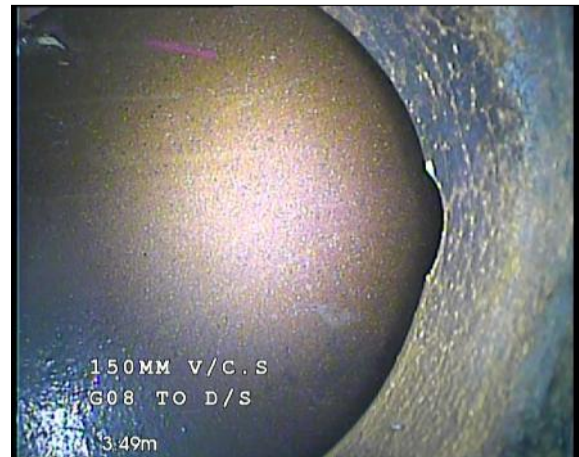


Photo: 8_8_91_A.jpg, 00:00:48
 3.5m, Finish node type, other special chamber reference
 number: D/S Remarks: CONNECTION ONTO MAIN



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 8	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G09 (D/S) D/S	Location details: OUTSIDE TAN HOUSE FARM Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G09 0.59 D/S
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Use: Surface water Year laid : Purpose : Total length : 1.60 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Vitrified clay Lining :
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Comment :

1:50 Depth: 0.59	Position	Observation	Photo	Grade
	0.00	Start node type, gully, reference number : G09 Remarks: GULLY 09	8_1A	0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	8_2A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.30	S01 Joint displaced, medium, Start	8_4A	1
	1.60	F01 Joint displaced, medium, End		1
1.60	Finish node type, other special chamber reference number: D/S Remarks: CONNECTION ONTO MAIN	8_6A	0	

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	1	1.25	2	1	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 8	PLR Suffix : X
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Photo: DSC02042.JPG
 0m, Start node type, gully, reference number : G09 Remarks:
 GULLY 09



Photo: DSC02044.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 9_9_93_A.jpg, 00:00:14
 0.3m, Joint displaced, medium, Start

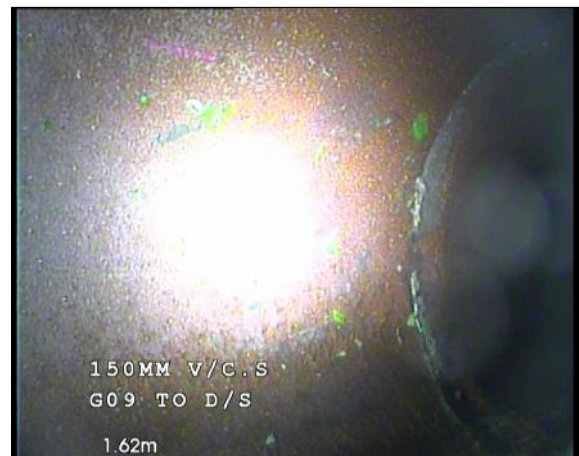


Photo: 9_9_96_A.jpg, 00:00:32
 1.6m, Finish node type, other special chamber reference
 number: D/S Remarks: CONNECTION ONTO MAIN



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 9	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G10 (D/S) 01A	Location details: OUTSIDE TAN HOUSE FARM Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G10 0.3 01A 0.36
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Use: Surface water	Pipe shape : Circular
Year laid :	Pipe size : 150 mm
Purpose : Investigation of operational problem	Pipe material : Vitrified clay
Total length : 5.80 m	Lining :

Comment :

1:60 Position	Observation	Photo	Grade
Depth: 0.3			
	Start node type, gully, reference number : G10 Remarks: SHUTE GULLY 10	9_1A	0
	Water level, 05% of the vertical dimension	9_2A	0
	Material changes, polyvinyl chloride		0
	Line deviates right Remarks: SHARP	9_3A	0
	Finish node type, manhole reference number: 01A	9_5A	0
Depth: 0.36			

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	1	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 9	PLR Suffix : X
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Photo: DSC02043.JPG
 0m, Start node type, gully, reference number : G10 Remarks:
 SHUTE GULLY 10

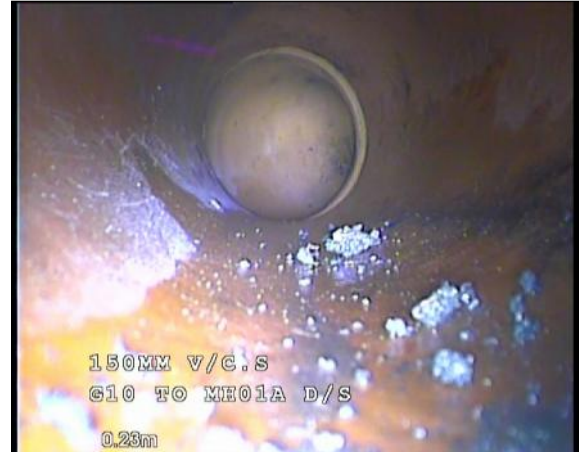


Photo: 10_10_97_A.jpg, 00:00:21
 0m, Water level, 05% of the vertical dimension

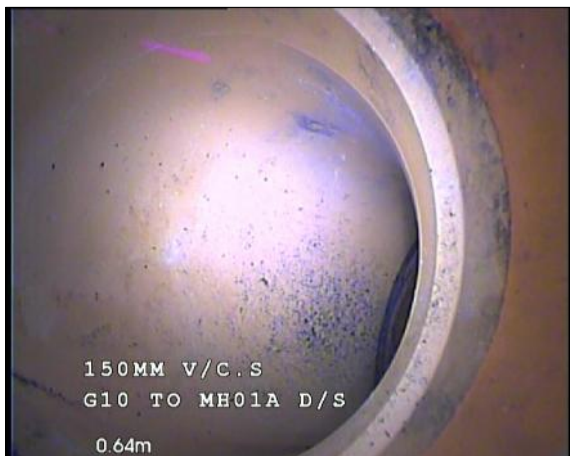


Photo: 10_10_98_A.jpg, 00:00:28
 0.6m, Line deviates right Remarks: SHARP



Photo: 10_10_100_A.jpg, 00:01:09
 5.8m, Finish node type, manhole reference number: 01A



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 10	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Verge 01A (U/S) 01	Location details: OUTSIDE TAN HOUSE FARM TOWARDS HOLME LEA	U/S MH : U/S Depth : D/S MH : D/S Depth :	01 0.91 01A 1.38
	Pipe Length	1.00 m		

Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 78.00 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 300 mm Vitrified clay
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Comment : **TOTAL LENGTH IS APPROX**

1:234 Position Depth: 1.38	Observation	Photo	Grade
	<p>Start node type, manhole, reference number : 01A</p> <p>General photograph taken at this point Remarks: LOCATION PHOTO</p> <p>Water level, 10% of the vertical dimension Remarks: HEAVY FOUL POLLUTION THROUGHOUT</p> <p>Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, Start</p> <p>Crack, longitudinal at joint, at 12 o'clock</p> <p>Connection intruding, at 10 o'clock, diameter 150mm, intrusion 10%</p> <p>Junction, at 9 o'clock, diameter 150mm</p> <p>Attached deposits, encrustation at joint, from 3 to 9 o'clock, 05% cross-sectional area loss</p> <p>Attached deposits, other, at 6 o'clock, 5% cross-sectional area loss, Start Remarks: DRAIN RODS (REMOVED AFTER SURVEY)</p> <p>Crack, longitudinal at joint, at 8 o'clock</p> <p>Cracks, multiple, from 9 to 3 o'clock</p> <p>Connection intruding, at 1 o'clock, diameter 150mm, intrusion 05%</p> <p>Attached deposits, other, at 6 o'clock, 5% cross-sectional area loss, End Remarks: DRAIN RODS (REMOVED AFTER SURVEY)</p>	<p>10_1A</p> <p>10_2A</p> <p>10_3A</p> <p>10_6A</p> <p>10_9A</p>	<p>0</p> <p>0</p> <p>0</p> <p>3</p> <p>2</p> <p>3</p> <p>0</p> <p>3</p> <p>3</p> <p>2</p> <p>3</p> <p>3</p>



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 10	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

1:234	Position	Observation	Photo	Grade					
		<p>Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, End</p> <p>Connection intruding, at 9 o'clock, diameter 150mm, intrusion 20%</p> <p>Survey abandoned Remarks: UNABLE TO PASS INTRUDING CONNECTION</p>		<p style="text-align: right;">3</p> <p style="text-align: right;">3</p> <p style="text-align: right;">0</p>					
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
3	40	1.86	60	3	6	6	3.31	106.6	4

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 10	PLR Suffix : X
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Photo: DSC02054.JPG
 0m, Start node type, manhole, reference number : 01A



Photo: DSC02055.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 11_11_23_A.jpg
 0m, Water level, 10% of the vertical dimension Remarks:
 HEAVY FOUL POLLUTION THROUGHOUT



Photo: 11_11_103_A.jpg, 00:01:50
 10.3m, Connection intruding, at 10 o'clock, diameter 150mm,
 intrusion 10%

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	05/08/2015	10	X



Photo: 11_11_106_A.jpg, 00:02:16
 11.4m, Attached deposits, other, at 6 o'clock, 5% cross-sectional area loss, Start Remarks: DRAIN RODS (REMOVED AFTER SURVEY)



Photo: 11_11_113_A.jpg, 00:05:24
 32.2m, Survey abandoned Remarks: UNABLE TO PASS INTRUDING CONNECTION



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 11	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Gardens 01A (D/S) OUTFALL	Location details: OUTSIDE TAN HOUSE FARM TO FIELDS AT REAR	U/S MH : U/S Depth : D/S MH : D/S Depth :	01A 1.38 OUTFALL
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Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 111.00 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 300 mm Vitrified clay
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Comment :

1:252 Position Depth: 1.38	Observation	Photo	Grade
	Start node type, manhole, reference number : 01A		0
0.00	General photograph taken at this point Remarks: LOCATION PHOTO	11_2A	0
0.00	General remark Remarks: ERROR ON SCREEN MH01 SHOULD READ MH01A		0
0.00	Water level, 10% of the vertical dimension Remarks: HEAVY FOUL POLLUTION THOUGHTOUT	11_4A	0
3.00 S01	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, Start		3
5.80	Crack, longitudinal, at 10 o'clock		2
11.00	Crack, circumferential, from 8 to 5 o'clock		2
13.90	Crack, circumferential, from 10 to 1 o'clock		2
14.50	Attached deposits, encrustation at joint, from 3 to 9 o'clock, 05% cross-sectional area loss		3
15.00	Crack, longitudinal, at 3 o'clock		2
21.00	Crack, longitudinal, at 11 o'clock		2
23.30	Connection defective, connecting pipe is damaged, at 3 o'clock, diameter 100mm		0
24.70	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 05% cross-sectional area loss	11_13A	3
26.10	Crack, circumferential at joint, from 11 to 1 o'clock		2
30.50	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 05% cross-sectional area loss		3



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 11	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

	1:252 Position	Observation	Photo	Grade
	<u>33.00</u>	Attached deposits, encrustation, from 7 to 5 o'clock, 05% cross-sectional area loss		3
	<u>37.20</u>	Attached deposits, encrustation at joint, from 2 to 5 o'clock, 05% cross-sectional area loss		3
	<u>39.70</u>	Attached deposits, encrustation at joint, from 1 to 5 o'clock, 05% cross-sectional area loss		3
	<u>41.00</u>	Fracture, longitudinal, at 11 o'clock		3
	<u>41.30</u>	Cracks, multiple, from 8 to 4 o'clock	11_20A	3
	<u>41.60</u>	Fracture, multiple, from 12 to 12 o'clock		4
	<u>42.60</u> S02	Fracture, multiple, from 12 to 12 o'clock, Start	11_22A	4
	<u>43.30</u>	Connection other than junction, at 2 o'clock, diameter 150mm		0
	<u>46.50</u> F02	Fracture, multiple, from 12 to 12 o'clock, End		4
	<u>46.50</u>	Attached deposits, encrustation at joint, from 7 to 11 o'clock, 05% cross-sectional area loss		3
	<u>50.00</u>	Attached deposits, encrustation at joint, from 8 to 4 o'clock, 05% cross-sectional area loss		3
	<u>50.40</u>	Cracks, multiple, from 12 to 5 o'clock		3
	<u>54.10</u>	Attached deposits, encrustation at joint, from 8 to 10 o'clock, 05% cross-sectional area loss		3
	<u>55.10</u>	Attached deposits, encrustation at joint, from 8 to 4 o'clock, 05% cross-sectional area loss		3
	<u>58.30</u>	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 05% cross-sectional area loss		3
	<u>58.30</u>	Crack, longitudinal, at 11 o'clock		2
	<u>64.00</u>	Attached deposits, encrustation at joint, from 8 to 10 o'clock, 05% cross-sectional area loss		3
	<u>69.20</u>	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 05% cross-sectional area loss		3



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 11	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

1:252	Position	Observation	Photo	Grade
	74.20	Fracture, longitudinal at joint, at 12 o'clock		3
	79.00	Line deviates right	11_35A	0
	81.60	Crack, longitudinal at joint, at 10 o'clock		2
	84.00	Crack, circumferential, from 2 to 4 o'clock		2
	94.00	Water level, 20% of the vertical dimension		0
	96.80	Hole in drain/sewer, at 12 o'clock Remarks: SMALL HOLE		4
	109.60	Line deviates down	11_40A	0
	110.00	Joint displaced, large		1
	111.00 F01	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, End		3
	111.00	Finish node type, outfall reference number: OUTFALL	11_43A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
13	200	5.96	662	5	2	4	1.96	218	3

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	05/08/2015	11	X



Photo: DSC02056.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 12_12_28_A.jpg
 0m, Water level, 10% of the vertical dimension Remarks:
 HEAVY FOUL POLLUTION THROUGHTOUT



Photo: 12_12_122_A.jpg, 00:04:22
 24.7m, Attached deposits, encrustation at joint, from 7 to 5
 o'clock, 05% cross-sectional area loss



Photo: 12_12_129_A.jpg, 00:07:12
 41.3m, Cracks, multiple, from 8 to 4 o'clock

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	05/08/2015	11	X



Photo: 12_12_131_A.jpg, 00:07:32
 42.6m, Fracture, multiple, from 12 to 12 o'clock, Start



Photo: 12_12_144_A.jpg, 00:12:32
 79m, Line deviates right



Photo: 12_12_149_A.jpg, 00:21:26
 109.6m, Line deviates down



Photo: 12_12_152_A.jpg, 00:22:16
 111m, Finish node type, outfall reference number: OUTFALL



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 12	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Verge 01 (D/S) 01A	Location details: OUTSIDE HOLME LEA TO OUTSIDE TAN HOUSE FARM	U/S MH : U/S Depth : D/S MH : D/S Depth :	01 0.91 01A 1.38
	Pipe Length	1.00 m		

Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 78.00 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 300 mm Vitrified clay
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Comment : **TOTAL LENGTH IS APPROX**

1:180 Position Depth: 0.91	Observation	Photo	Grade
	Start node type, manhole, reference number : 01	12_1A	0
	General photograph taken at this point Remarks: LOCATION PHOTO	12_2A	0
	Water level, 10% of the vertical dimension Remarks: HEAVY FOUL POLLUTION THROUGHOUT	12_3A	0
0.00			
0.00			
0.00			
0.00 S01	Attached deposits, grease, from 8 to 4 o'clock, 5% cross-sectional area loss, Start		3
0.20	Junction defective, connecting pipe is damaged, at 3 o'clock, diameter 150mm		0
3.00	Crack, longitudinal at joint, at 1 o'clock		2
3.50	Crack, longitudinal at joint, at 4 o'clock		2
5.30	Cracks, multiple, from 9 to 3 o'clock		3
10.30 S02	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 5% cross-sectional area loss, Start	12_9A	3
13.00 F02	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 5% cross-sectional area loss, End		3
16.90 S03	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 5% cross-sectional area loss, Start		3
17.90	Crack, circumferential at joint, from 10 to 1 o'clock		2
18.80	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 10% cross-sectional area loss	12_13A	3
19.00	Crack, circumferential, from 9 to 12 o'clock		2
20.70	Crack, longitudinal at joint, at 10 o'clock		2



Inspection Report

Date : 05/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 12	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

1:180	Position	Observation	Photo	Grade
	<u>21.60</u>	Crack, longitudinal, at 3 o'clock		2
	<u>22.70</u>	Roots, fine at joint	12_17A	2
	<u>28.30</u>	Crack, circumferential at joint, from 7 to 5 o'clock		2
	<u>29.00</u>	Roots, fine at joint		2
	<u>29.30</u>	Roots, mass, 10% cross-sectional area loss Remarks: POSSIBLE REDUNDANT CONNECTION	12_20A	3
	<u>36.00</u>	Connection other than junction, at 3 o'clock, diameter 150mm	12_21A	0
	<u>36.50</u>	Roots, fine		2
	<u>43.80</u>	Crack, longitudinal at joint, at 1 o'clock		2
	<u>44.30</u> F01	Attached deposits, grease, from 8 to 4 o'clock, 5% cross-sectional area loss, End		3
	<u>44.30</u> F03	Attached deposits, encrustation at joint, from 7 to 5 o'clock, 5% cross-sectional area loss, End		3
	<u>44.30</u>	Connection intruding, at 3 o'clock, diameter 150mm, intrusion 20%		3
	<u>44.30</u>	Survey abandoned Remarks: OVERLAP COMPLETE TO INTRUDING CONNECTION	12_27A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
9	40	2.71	120	3	9	8	3.65	161.6	4

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 12	PLR Suffix : X
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Photo: DSC02057.JPG
 0m, Start node type, manhole, reference number : 01



Photo: DSC02058.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 13_13_30_A.jpg
 0m, Water level, 10% of the vertical dimension Remarks:
 HEAVY FOUL POLLUTION THROUGHOUT



Photo: 13_13_158_A.jpg, 00:01:52
 10.3m, Attached deposits, encrustation at joint, from 7 to 5
 o'clock, 5% cross-sectional area loss, Start

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 12	PLR Suffix : X
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Photo: 13_13_162_A.jpg, 00:03:12
 18.8m, Attached deposits, encrustation at joint, from 7 to 5 o'clock, 10% cross-sectional area loss



Photo: 13_13_166_A.jpg, 00:03:49
 22.7m, Roots, fine at joint



Photo: 13_13_169_A.jpg, 00:04:41
 29.3m, Roots, mass, 10% cross-sectional area loss Remarks: POSSIBLE REDUNDANT CONNECTION



Photo: 13_13_170_A.jpg, 00:05:32
 36m, Connection other than junction, at 3 o'clock, diameter 150mm

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 05/08/2015	Section number : 12	PLR Suffix : X
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Photo: 13_13_177_A.jpg, 00:06:50
44.3m, Survey abandoned Remarks: OVERLAP COMPLETE
TO INTRUDING CONNECTION



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 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 13	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Verge G11 (U/S) U/S	Location details: OUTSIDE THE OLD MILL	U/S MH : U/S Depth : D/S MH : D/S Depth :	U/S U/S G11 0.6
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Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 0.20 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Concrete
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Comment :

1:50 Depth: 0.6	Position	Observation	Photo	Grade
	G11	Start node type, gully, reference number : G11 Remarks: GULLY 11	13_1A	0
	U/S	General photograph taken at this point Remarks: LOCATION PHOTO	13_2A	0
		Water level, 05% of the vertical dimension	13_3A	0
		Finish node type, other special chamber reference number: U/S Remarks: HEAD OF RUN	13_4A	0

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	1	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 13	PLR Suffix : X
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Photo: DSC02059.JPG
 0m, Start node type, gully, reference number : G11 Remarks:
 GULLY 11



Photo: DSC02060.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 14_14_207_A.jpg, 00:00:04
 0m, Water level, 05% of the vertical dimension



Photo: 14_14_208_A.jpg, 00:00:18
 0.2m, Finish node type, other special chamber reference
 number: U/S Remarks: HEAD OF RUN



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 14	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G11 (D/S) G12	Location details: OUTSIDE THE OLD MILL Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G11 0.6 G12 0.65
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Use: Surface water Year laid : Purpose : Total length : 4.80 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Concrete Lining :
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Comment :

1:50 Position Depth: 0.6	Observation	Photo	Grade
	Start node type, gully, reference number : G11 Remarks: GULLY 11		0
	General photograph taken at this point Remarks: LOCATION PHOTO	14_2A	0
	Water level, 05% of the vertical dimension	14_3A	0
	Roots, fine at joint		2
	Settled deposits, fine, 5% cross-sectional area loss, Start		2
	Roots, fine at joint, Start	14_6A	2
	Settled deposits, fine, 5% cross-sectional area loss, End		2
	Roots, fine at joint, End		2
	Finish node type, gully reference number: G12 Remarks: GULLY 12	14_9A	0
Depth: 0.65			

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	1	3	3	1.83	8.8	3

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 14	PLR Suffix : X
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Photo: DSC02064.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 15_15_209_A.jpg, 00:00:05
 0m, Water level, 05% of the vertical dimension



Photo: 15_15_212_A.jpg, 00:00:19
 1m, Roots, fine at joint, Start



Photo: 15_15_215_A.jpg, 00:00:55
 4.8m, Finish node type, gully reference number: G12 Remarks:
 GULLY 12



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 15	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G12 (D/S) G13	Location details: OPPOSITE THE OLD MILL Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G12 0.65 G13 0.55
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Use: Surface water Year laid : Purpose : Total length : 9.10 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Concrete Lining :
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Comment :

1:75 Depth: 0.65	Position	Observation	Photo	Grade
	G12	Start node type, gully, reference number : G12 Remarks: GULLY 12		0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	15_2A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.50	Joint displaced, medium		1
	0.50	Roots, fine at joint, Start	15_5A	2
	2.40	Hole in drain/sewer, from 10 to 5 o'clock Remarks: LARGE HOLE	15_6A	5
	5.10	Joint displaced, medium		1
	6.70	Hole in drain/sewer, from 11 to 1 o'clock Remarks: POSSIBLE POOR REPAIR		4
	7.00	Crack, circumferential, from 3 to 6 o'clock		2
	9.10	Roots, fine at joint, End		2
9.10	Finish node type, gully reference number: G13 Remarks: GULLY 13	15_11A	0	
Depth: 0.55				

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
5	165	28.24	257	5	1	1	0.99	9	2

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 15	PLR Suffix : X
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Photo: DSC02065.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 16_16_218_A.jpg, 00:00:17
 0.5m, Roots, fine at joint, Start



Photo: 16_16_219_A.jpg, 00:00:35
 2.4m, Hole in drain/sewer, from 10 to 5 o'clock Remarks:
 LARGE HOLE



Photo: 16_16_225_A.jpg, 00:01:56
 9.1m, Finish node type, gully reference number: G13 Remarks:
 GULLY 13



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 16	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G16 (U/S) G14	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 2.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G14 0.25 G16 0.4
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Use: Surface water	Pipe shape : Circular
Year laid :	Pipe size : 150 mm
Purpose : Investigation of operational problem	Pipe material : Polyvinyl chloride
Total length : 16.00 m	Lining :

Comment :

1:135 Position Depth: 0.4	Observation	Photo	Grade
	Start node type, gully, reference number : G16 Remarks: GULLY 16	16_1A	0
	General photograph taken at this point Remarks: LOCATION PHOTO	16_2A	0
	Water level, 05% of the vertical dimension	16_3A	0
	Water level, 10% of the vertical dimension		0
	Water level, 05% of the vertical dimension		0
G14 Depth: 0.25	Finish node type, gully reference number: G14 Remarks: TRAPPED GULLY 14	16_6A	0

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	1	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 16	PLR Suffix : X
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Photo: DSC02063.JPG
 0m, Start node type, gully, reference number : G16 Remarks:
 GULLY 16



Photo: DSC02083.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 17_17_226_A.jpg, 00:00:06
 0m, Water level, 05% of the vertical dimension



Photo: 17_17_229_A.jpg, 00:02:21
 16m, Finish node type, gully reference number: G14 Remarks:
 TRAPPED GULLY 14



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 17	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G16 (U/S) G17	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 2.00 m	U/S MH : G17 U/S Depth : 0.34 D/S MH : G16 D/S Depth : 0.4
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Use: Surface water Year laid : Purpose : Investigation of operational problem Total length : 4.40 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Polyvinyl chloride Lining :
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Comment :

1:50 Position	Observation	Photo	Grade
Depth: 0.4			
	Start node type, gully, reference number : G16 Remarks: GULLY 16		0
	General photograph taken at this point Remarks: LOCATION PHOTO	17_2A	0
	Water level, 05% of the vertical dimension	17_3A	0
	Finish node type, gully reference number: G17 Remarks: TRAPPED GULLY 17	17_4A	0
	General photograph taken at this point Remarks: GULLY 17	17_5A	0
Depth: 0.34			

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	1	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 17	PLR Suffix : X
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Photo: DSC02084.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO

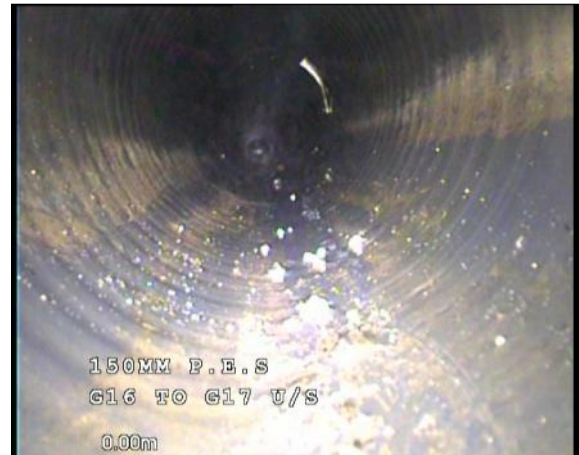


Photo: 18_18_230_A.jpg, 00:00:05
 0m, Water level, 05% of the vertical dimension



Photo: 18_18_231_A.jpg, 00:00:45
 4.4m, Finish node type, gully reference number: G17 Remarks:
 TRAPPED GULLY 17



Photo: DSC02062.JPG, 00:00:45
 4.4m, General photograph taken at this point Remarks: GULLY
 17



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 18	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Fields G16 (D/S) 01B	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 2.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G16 0.32 01B 1.2
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Use: Surface water	Pipe shape : Circular
Year laid :	Pipe size : 150 mm
Purpose : Investigation of operational problem	Pipe material : Polyvinyl chloride
Total length : 21.00 m	Lining :

Comment :

1:180 Position Depth: 0.32	Observation	Photo	Grade
	Start node type, gully, reference number : G16 Remarks: TRAPPED GULLY 16		0
	General photograph taken at this point Remarks: LOCATION PHOTO	18_2A	0
	Water level, 05% of the vertical dimension	18_3A	0
	Line deviates left Remarks: SLIGHT		0
	Deformed sewer/drain, 05%	18_5A	2
<p style="text-align: center;">01B</p> <p style="text-align: center;">Depth: 1.2</p>	Finish node type, manhole reference number: 01B	18_6A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	20	0.95	20	2	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 18	PLR Suffix : X
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Photo: DSC02085.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 19_19_233_A.jpg, 00:00:06
 0m, Water level, 05% of the vertical dimension



Photo: 19_19_235_A.jpg, 00:00:28
 2m, Deformed sewer/drain, 05%

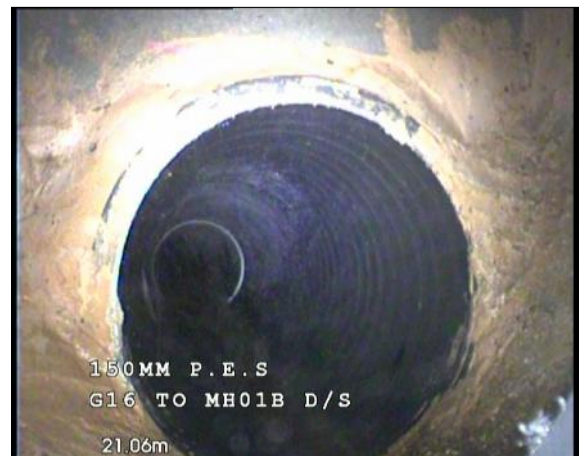


Photo: 19_19_236_A.jpg, 00:02:30
 21m, Finish node type, manhole reference number: 01B



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 19	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G19 (U/S) G20	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 2.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G20 0.21 G19 0.33
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Use: Surface water Year laid : Purpose : Total length : 3.80 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Polyvinyl chloride Lining :
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Comment :

1:50 Position Depth: 0.33	Observation	Photo	Grade
	Start node type, gully, reference number : G19 Remarks: GULLY 19	19_1A	0
	General photograph taken at this point Remarks: LOCATION PHOTO	19_2A	0
	Water level, 05% of the vertical dimension	19_3A	0
Depth: 0.21	Finish node type, gully reference number: G20 Remarks: TRAPPED GULLY 20	19_4A	0

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	1	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 19	PLR Suffix : X
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Photo: DSC02066.JPG
 0m, Start node type, gully, reference number : G19 Remarks:
 GULLY 19



Photo: DSC02086.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 20_20_237_A.jpg, 00:00:06
 0m, Water level, 05% of the vertical dimension

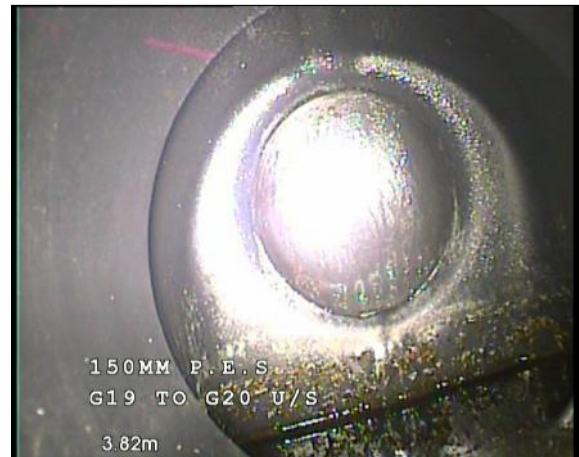


Photo: 20_20_238_A.jpg, 00:00:37
 3.8m, Finish node type, gully reference number: G20 Remarks:
 TRAPPED GULLY 20



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 20	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Fields G19 (D/S) 01B	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 2.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G19 0.38 01B 1.2
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Use: Surface water Year laid : Purpose : Total length : 12.80 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Polyvinyl chloride Lining :
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Comment :

1:105 Position Depth: 0.38	Observation	Photo	Grade
	Start node type, gully, reference number : G19 Remarks: TRAPPED GULLY 19		0
0.00	General photograph taken at this point Remarks: LOCATION PHOTO	20_2A	0
0.00	Water level, 05% of the vertical dimension		0
0.60	Settled deposits, fine, 05% cross-sectional area loss	20_4A	2
3.00	Line deviates right Remarks: SLIGHT		0
12.80	Finish node type, manhole reference number: 01B	20_6A	0
01B Depth: 1.2			

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	1	1	1	0.08	1	2

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 20	PLR Suffix : X
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Photo: DSC02087.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 21_21_240_A.jpg, 00:00:19
 0.6m, Settled deposits, fine, 05% cross-sectional area loss



Photo: 21_21_242_A.jpg, 00:01:55
 12.8m, Finish node type, manhole reference number: 01B



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 21	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G13 (D/S) 01C	Location details: OPPOSITE THE OLD MILL Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G13 0.55 01C 0.96
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Use: Surface water Year laid : Purpose : Total length : 27.00 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Concrete Lining :
--	--

Comment : **TOTAL LENGTH IS APPROX**

1:126 Position Depth: 0.55	Observation	Photo	Grade
	<p>Start node type, gully, reference number : G13 Remarks: GULLY 13</p> <p>General photograph taken at this point Remarks: LOCATION PHOTO</p> <p>Water level, 05% of the vertical dimension</p> <p>Joint displaced, medium</p> <p>Roots, fine at joint</p> <p>Roots, fine at joint</p> <p>Roots, fine at joint, Start</p> <p>Water level, 10% of the vertical dimension</p> <p>Roots, fine at joint, End</p> <p>Joint displaced, medium</p> <p>Settled deposits, fine, 05% cross-sectional area loss</p> <p>Joint displaced, medium, Start</p> <p>Hole in drain/sewer, from 11 to 1 o'clock Remarks: POSSIBLE POOR REPAIR</p> <p>Crack, circumferential at joint, from 7 to 12 o'clock</p>	<p>21_1A</p> <p>21_2A</p> <p>21_4A</p> <p>21_6A</p> <p>21_13A</p>	<p>0</p> <p>0</p> <p>0</p> <p>1</p> <p>2</p> <p>2</p> <p>0</p> <p>2</p> <p>1</p> <p>2</p> <p>1</p> <p>4</p> <p>2</p>



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 21	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

1:126	Position	Observation	Photo	Grade					
		<p style="color: magenta;">Hole in drain/sewer, from 2 to 3 o'clock Remarks: POSSIBLE POOR REPAIR</p> <p style="color: blue;">Settled deposits, fine, 5% cross-sectional area loss, Start</p>		<p style="color: magenta;">4</p> <p style="color: blue;">2</p>					
	<p style="color: magenta;">18.00</p> <p style="color: blue;">18.00 S03</p>								
	<p style="color: green;">25.00 F02</p> <p style="color: blue;">25.00 F03</p>	<p style="color: green;">Joint displaced, medium, End</p> <p style="color: blue;">Settled deposits, fine, 5% cross-sectional area loss, End</p>		<p style="color: green;">1</p> <p style="color: blue;">2</p>					
	<p style="color: blue;">26.40</p> <p style="color: green;">26.40</p> <p style="color: blue;">26.40</p>	<p>Material changes, vitrified clay</p> <p style="color: green;">Joint displaced, large Remarks: POOR JOINT</p> <p>Survey abandoned Remarks: UNABLE TO PASS POOR JOINT. MH01C IN VIEW</p>	<p>21_21A</p>	<p>0</p> <p>1</p> <p>0</p>					
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
7	81	7.01	185	4	5	3	0.45	12	3

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 21	PLR Suffix : X
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Photo: DSC02068.JPG
 0m, Start node type, gully, reference number : G13 Remarks:
 GULLY 13



Photo: DSC02088.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 22_22_244_A.jpg, 00:00:12
 0.3m, Joint displaced, medium



Photo: 22_22_246_A.jpg, 00:01:14
 8.3m, Roots, fine at joint

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 21	PLR Suffix : X
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Photo: 22_22_254_A.jpg, 00:02:21
 15.6m, Hole in drain/sewer, from 11 to 1 o'clock Remarks:
 POSSIBLE POOR REPAIR



Photo: 22_22_262_A.jpg, 00:04:08
 26.4m, Survey abandoned Remarks: UNABLE TO PASS
 POOR JOINT. MH01C IN VIEW



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 22	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G15 (D/S) 01C	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G15 0.43 01C 0.7
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Use: Surface water Year laid : Purpose : Total length : 11.10 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Vitrified clay Lining :
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Comment :

1:90 Position Depth: 0.43	Observation	Photo	Grade
	Start node type, gully, reference number : G15 Remarks: GULLY 15	22_1A	0
	General photograph taken at this point Remarks: LOCATION PHOTO	22_2A	0
	Water level, 05% of the vertical dimension	22_3A	0
	Line deviates right Remarks: SHARP	22_4A	0
	Junction, at 3 o'clock, diameter 150mm	22_5A	0
	Water level, 10% of the vertical dimension		0
	Water level, 05% of the vertical dimension		0
	Crack, longitudinal, at 12 o'clock		2
	Crack, circumferential, from 12 to 12 o'clock		2
Depth: 0.7	Finish node type, manhole reference number: 01C	22_10A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	20	1.8	20	2	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 22	PLR Suffix : X
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Photo: DSC02069.JPG
 0m, Start node type, gully, reference number : G15 Remarks:
 GULLY 15



Photo: DSC02089.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 23_23_263_A.jpg, 00:00:06
 0m, Water level, 05% of the vertical dimension

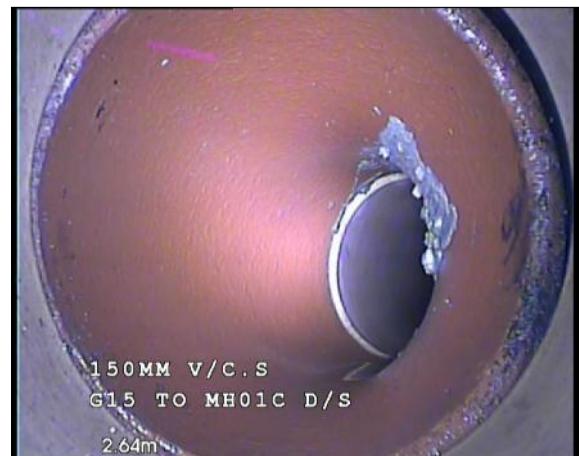


Photo: 23_23_264_A.jpg, 00:00:34
 2.6m, Line deviates right Remarks: SHARP

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	06/08/2015	22	X



Photo: 23_23_265_A.jpg, 00:01:23
 8.3m, Junction, at 3 o'clock, diameter 150mm



Photo: 23_23_270_A.jpg, 00:01:56
 11.1m, Finish node type, manhole reference number: 01C



Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 23	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road 01C (U/S) G13	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	G13 0.55 01C 0.96
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Use: Surface water Year laid : Purpose : Total length : 27.00 m	Pipe shape : Circular Pipe size : 150 mm Pipe material : Vitrified clay Lining :
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Comment : **TOTAL LENGTH IS APPROX**

1:50 Depth: 0.96	Position	Observation	Photo	Grade
		Start node type, manhole, reference number : 01C Remarks: MH01C. LARGE GULLY COVER		0
		General photograph taken at this point Remarks: LOCATION PHOTO	23_2A	0
		Water level, 05% of the vertical dimension		0
		Crack, circumferential, from 12 to 12 o'clock	23_4A	2
		Material changes, concrete		0
		Joint displaced, large		1
		Survey abandoned Remarks: OVERLAP COMPLETE TO POOR JOINT	23_7A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	10	24	12	2	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 23	PLR Suffix : X
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Photo: DSC02090.JPG
 0m, General photograph taken at this point Remarks: LOCATION PHOTO



Photo: 24_24_272_A.jpg, 00:00:04
 0.1m, Crack, circumferential, from 12 to 12 o'clock



Photo: 24_24_275_A.jpg, 00:00:19
 0.5m, Survey abandoned Remarks: OVERLAP COMPLETE TO POOR JOINT



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 24	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Fields 01B (D/S) OUTFALL	Location details: REAR OF BROOK COTTAGE Pipe Length 2.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	01B 1.3 OUTFALL
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Use: Surface water Year laid : Purpose : Total length : 69.00 m	Pipe shape : Circular Pipe size : 300 mm Pipe material : Polyvinyl chloride Lining :
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Comment :

1:555 Position Depth: 1.3	Observation	Photo	Grade
01B	Start node type, manhole, reference number : 01B	24_1A	0
0.00	General photograph taken at this point Remarks: LOCATION PHOTO	24_2A	0
0.00	Water level, 10% of the vertical dimension	24_3A	0
11.20	Water level, 20% of the vertical dimension		0
14.30 S01	Settled deposits, fine, 10% cross-sectional area loss, Start	24_5A	3
20.00	Water level, 10% of the vertical dimension		0
20.00 F01	Settled deposits, fine, 10% cross-sectional area loss, End		3
45.00 S02	Settled deposits, fine, 5% cross-sectional area loss, Start		2
50.00 F02	Settled deposits, fine, 5% cross-sectional area loss, End		2
62.00	Line deviates right Remarks: SLIGHT		0
64.50	Line deviates right Remarks: SLIGHT	24_11A	0
69.00	Finish node type, outfall reference number: OUTFALL Remarks: OUTFALL	24_12A	0

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	1	2	3	0.24	16.4	3

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 24	PLR Suffix : X
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Photo: DSC02074.JPG
 0m, Start node type, manhole, reference number : 01B



Photo: DSC02075.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 25_25_276_A.jpg, 00:00:04
 0m, Water level, 10% of the vertical dimension



Photo: 25_25_278_A.jpg, 00:02:15
 14.3m, Settled deposits, fine, 10% cross-sectional area loss,
 Start

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 24	PLR Suffix : X
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Photo: 25_25_284_A.jpg, 00:09:48
64.5m, Line deviates right Remarks: SLIGHT



Photo: DSC02070.JPG, 00:10:26
69m, Finish node type, outfall reference number: OUTFALL
Remarks: OUTFALL



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 25	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Verge 01C (D/S) 01D	Location details: OUTSIDE BROOK COTTAGE Pipe Length 1.50 m	U/S MH : 01C U/S Depth : 1.63 D/S MH : 01D D/S Depth :
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Use: Surface water Year laid : Purpose : Investigation of operational problem Total length : 12.80 m	Pipe shape : Circular Pipe size : 1200 mm Pipe material : Concrete Lining :
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Comment :

1:105 Position Depth: 1.63	Observation	Photo	Grade
01C	Start node type, manhole, reference number : 01C Remarks: MH01C. LARGE GULLY COVER	25_1A	0
0.00			
0.00	Water level, 25% of the vertical dimension	25_2A	0
2.40	Crack, longitudinal, at 2 o'clock		2
2.40 S01	Settled deposits, fine, 20% cross-sectional area loss, Start	25_4A	3
6.40	Crack, longitudinal, at 12 o'clock		2
7.70	Crack, longitudinal, at 12 o'clock		2
10.50	Crack, longitudinal, at 10 o'clock		2
12.80 F01	Settled deposits, fine, 20% cross-sectional area loss, End		3
12.80	Finish node type, manhole reference number: 01D	25_9A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
4	10	3.12	40	2	1	2	1.62	20.8	3

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	06/08/2015	25	X

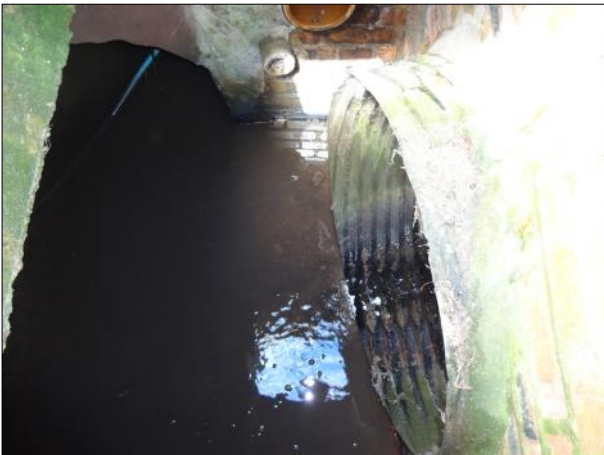


Photo: DSC02076.JPG
 0m, Start node type, manhole, reference number : 01C
 Remarks: MH01C. LARGE GULLY COVER



Photo: 26_26_286_A.jpg, 00:00:08
 0m, Water level, 25% of the vertical dimension



Photo: 26_26_288_A.jpg, 00:00:29
 2.4m, Settled deposits, fine, 20% cross-sectional area loss, Start

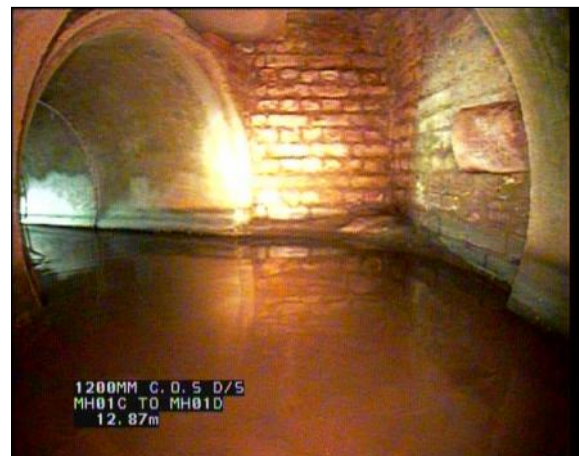


Photo: 26_26_293_A.jpg, 00:01:43
 12.8m, Finish node type, manhole reference number: 01D



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 26	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Gardens 01D (D/S) OUTFALL	Location details: REAR GARDEN OF BROOK COTTAGE	U/S MH : U/S Depth : D/S MH : D/S Depth :	01D OUTFALL
	Pipe Length	1.50 m		

Use: Year laid : Purpose : Total length :	Surface water Investigation of operational problem 4.30 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 1200 mm Concrete
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Comment :

1:50	Position	Observation	Photo	Grade
	01D	Start node type, manhole, reference number : 01D Remarks: UNABLE TO RAISE MH01D. LARGE CONCRETE SLAB ON DRIVE	26_1A	0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	26_2A	0
	0.00	Water level, 20% of the vertical dimension		0
	0.00	Settled deposits, fine, 20% cross-sectional area loss, Start		3
	1.40	Crack, longitudinal, at 12 o'clock		2
	1.40	Crack, longitudinal, at 1 o'clock	26_6A	2
	4.30	Settled deposits, fine, 20% cross-sectional area loss, End		3
	OUTFALL	Finish node type, outfall reference number: OUTFALL	26_8A	0
	4.30	General photograph taken at this point Remarks: OUTFALL	26_9A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	20	4.65	20	2	1	2	2	8.6	3

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	06/08/2015	26	X



Photo: DSC02080.JPG
 0m, Start node type, manhole, reference number : 01D
 Remarks: UNABLE TO RAISE MH01D. LARGE CONCRETE SLAB ON DRIVE



Photo: DSC02082.JPG
 0m, General photograph taken at this point Remarks: LOCATION PHOTO



Photo: 27_27_297_A.jpg, 00:00:24
 1.4m, Crack, longitudinal, at 1 o'clock



Photo: 27_27_299_A.jpg, 00:00:50
 4.3m, Finish node type, outfall reference number: OUTFALL

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	06/08/2015	26	X



Photo: DSC02079.JPG, 00:00:50
4.3m, General photograph taken at this point Remarks:
OUTFALL



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 06/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 27	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Fields 01C (U/S) OPEN CUT	Location details: OUTSIDE SYSTON COTTAGE Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	OPEN CUT 01C 1.58
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Use: Surface water	Pipe shape : Circular
Year laid :	Pipe size : 900 mm
Purpose : Investigation of operational problem	Pipe material : Steel
Total length : 9.00 m	Lining :

Comment :

1:75 Depth: 1.58	Position	Observation	Photo	Grade
	01C	Start node type, manhole, reference number : 01C Remarks: MH01C. LARGE GULLY COVER		0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	27_2A	0
	0.00	Water level, 05% of the vertical dimension	27_3A	0
	9.00	Finish node type, other special chamber reference number: OPEN CUT Remarks: OPEN CUT DITCH	27_4A	0

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	1	0	0	0	0	1

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 06/08/2015	Section number : 27	PLR Suffix : X
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Photo: DSC02081.JPG
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 28_28_301_A.jpg, 00:00:06
 0m, Water level, 05% of the vertical dimension



Photo: 28_28_302_A.jpg, 00:01:05
 9m, Finish node type, other special chamber reference number:
 OPEN CUT Remarks: OPEN CUT DITCH





Inspection Report

Date : 11/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 28	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Fields 01F (D/S) 01G	Location details: OUTSIDE BLAISDON HOUSE Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	01F 0.51 01G 0.55
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Use: Surface water Year laid : Purpose : Total length : 7.10 m	Pipe shape : Circular Pipe size : 225 mm Pipe material : Pitch fibre Lining :
---	---

Comment :

1:60 Depth: 0.51	Position	Observation	Photo	Grade
	0.00	Start node type, manhole, reference number : 01F	28_1A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.00	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss Remarks: HEAVY FOUL POLLUTION THROUGHOUT	28_3A	3
	0.00 S01	Deformed sewer/drain, 10%, Start	28_4A	4
	1.00 S02	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, Start		3
	7.00 F01	Deformed sewer/drain, 10%, End		4
	7.00 F02	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, End		3
	7.10	Finish node type, manhole reference number: 01G Remarks: BURIED MH01G TRACED & EXPOSED	28_8A	0
Depth: 0.55				

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	80	80	560	4	2	4	2	14	3

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 28	PLR Suffix : X
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Photo: DSC02164.JPG
 0m, Start node type, manhole, reference number : 01F



Photo: 1_1_10_A.jpg, 00:00:06
 0m, Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss
 Remarks: HEAVY FOUL POLLUTION THROUGHOUT



Photo: 29_29_310_A.jpg, 00:00:06
 0m, Deformed sewer/drain, 10%, Start



Photo: 29_29_313_A.jpg, 00:01:48
 7.1m, Finish node type, manhole reference number: 01G
 Remarks: BURIED MH01G TRACED & EXPOSED



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 11/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 29	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G02A (D/S) D/S	Location details: OUTSIDE VILLAGE HALL Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	G02A 0.38 D/S
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Use: Surface water Year laid : Purpose : Total length : 1.30 m	Pipe shape : Rectangular Pipe size : 200 mm Pipe material : Masonry - randomly coursed Lining :
---	---

Comment : **TOTAL LENGTH UNKNOWN**

1:50 Depth: 0.38	Position	Observation	Photo	Grade
	0.00	Start node type, gully, reference number : G02A Remarks: GULLY 02A	29_1A	0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	29_2A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.00	Displaced bricks, from 7 to 5 o'clock	29_4A	5
	0.00	Missing mortar, from 7 to 5 o'clock, between 15mm and 50mm		2
	0.50	Line deviates right Remarks: CONNECTION ONTO MAIN 225MM CARRIER	29_6A	0
	0.50	Material changes, vitrified clay		0
	0.50	Dimension changes, 225mm high Remarks: CIRCULAR		0
	1.00	Settled deposits, fine, 75% cross-sectional area loss Remarks: HEAVILY SILTED MAIN CARRIER	29_9A	4
	1.30	Survey abandoned Remarks: UNABLE TO PASS SILT		0
1.30	General photograph taken at this point Remarks: SURFACE WATER RUNNING FROM PRIVATE DRIVE. ASSUMED COLLAPSED PIPE AHEAD	29_11A	0	

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	185	142.31	185	5	1	8	6.15	8	5

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 29	PLR Suffix : X
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Photo: DSC02159.JPG
 0m, Start node type, gully, reference number : G02A Remarks:
 GULLY 02A



Photo: DSC02161.JPG, 00:00:14
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 30_30_320_A.jpg, 00:00:14
 0m, Displaced bricks, from 7 to 5 o'clock



Photo: 30_30_322_A.jpg, 00:00:25
 0.5m, Line deviates right Remarks: CONNECTION ONTO
 MAIN 225MM CARRIER

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 29	PLR Suffix : X
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Photo: 30_30_327_A.jpg, 00:00:58
 1m, Settled deposits, fine, 75% cross-sectional area loss
 Remarks: HEAVILY SILTED MAIN CARRIER



Photo: DSC02167.JPG, 00:00:58
 1.3m, General photograph taken at this point Remarks:
 SURFACE WATER RUNNING FROM PRIVATE DRIVE.
 ASSUMED COLLAPSED PIPE AHEAD



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 11/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 30	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Road G02A (U/S) U/S	Location details: OUTSIDE VILLAGE HALL Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	U/S G02A 0.38
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Use: Surface water Year laid : Purpose : Investigation of operational problem Total length : 0.80 m	Pipe shape : Rectangular Pipe size : 200 mm Pipe material : Masonry - randomly coursed Lining :
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Comment : **TOTAL LENGTH UNKNOWN**

1:50 Depth: 0.38	Position	Observation	Photo	Grade
	0.00	Start node type, gully, reference number : G02A Remarks: GULLY 02A		0
	0.00	General photograph taken at this point Remarks: LOCATION PHOTO	30_2A	0
	0.00	Water level, 05% of the vertical dimension		0
	0.00	Displaced bricks, from 7 to 5 o'clock	30_4A	5
	0.00	Missing mortar, from 7 to 5 o'clock, between 15mm and 50mm		2
	0.50	Line deviates left Remarks: CONNECTION ONTO MAIN 225MM CARRIER	30_6A	0
	0.50	Dimension changes, 225mm high Remarks: CIRCULAR		0
	0.50	Material changes, vitrified clay		0
0.80	Settled deposits, fine, 75% cross-sectional area loss Remarks: HEAVILY SILTED MAIN CARRIER		4	
0.80	Survey abandoned Remarks: UNABLE TO PASS HEAVY SILT	30_10A	0	

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	185	231.25	185	5	1	8	10	8	5

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 30	PLR Suffix : X
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Photo: DSC02160.JPG, 00:00:06
 0m, General photograph taken at this point Remarks: LOCATION PHOTO



Photo: 31_31_332_A.jpg, 00:00:06
 0m, Displaced bricks, from 7 to 5 o'clock



Photo: 31_31_334_A.jpg, 00:00:16
 0.5m, Line deviates left Remarks: CONNECTION ONTO MAIN 225MM CARRIER



Photo: 31_31_338_A.jpg, 00:00:35
 0.8m, Survey abandoned Remarks: UNABLE TO PASS HEAVY SILT



Inspection Report

Date : 11/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 31	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Fields 01F (U/S) U/S	Location details: OUTSIDE BLAISDON HOUSE Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	U/S U/S 01F 0.51
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Use: Surface water Year laid : Purpose : Total length : 33.00 m	Pipe shape : Circular Pipe size : 225 mm Pipe material : Pitch fibre Lining :
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Comment : **TOTAL LENGTH UNKNOWN**

1:198 Position Depth: 0.51	Observation	Photo	Grade
01F	Start node type, manhole, reference number : 01F		0
0.00	General photograph taken at this point Remarks: LOCATION PHOTO	31_2A	0
0.00	Water level, 10% of the vertical dimension		0
0.00 S01	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, Start Remarks: HEAVY FOUL POLLUTION THROUGHOUT	31_4A	3
0.00 S02	Deformed sewer/drain, 5%, Start		2
0.00	General remark Remarks: ROOTS & SILT REMOVED		0
6.80	Fracture, circumferential at joint, from 11 to 2 o'clock		3
12.00	Settled deposits, fine, 05% cross-sectional area loss		2
14.00 S03	Deformed sewer/drain, 10%, Start	31_9A	4
14.00 F02	Deformed sewer/drain, 5%, End		2
17.00	Roots, fine at joint		2
22.00	Roots, fine at joint		2
23.00 S04	Roots, fine at joint, Start		2



Inspection Report

Date : 11/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 31	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

1:198	Position	Observation	Photo	Grade
	<u>26.40</u>	Joint displaced, medium		1
	<u>26.40</u>	Line deviates right	31_15A	0
	<u>26.40</u>	Material changes, concrete		0
	<u>26.40</u> F03	Deformed sewer/drain, 10%, End		4
	<u>28.50</u>	Open joint, medium		1
	<u>28.50</u>	Line deviates left	31_19A	0
	<u>29.20</u>	Settled deposits, fine, 20% cross-sectional area loss		3
	<u>29.50</u>	Open joint, medium		1
	<u>29.50</u>	Line deviates left		0
	<u>30.30</u>	Open joint, medium		1
	<u>33.00</u>	Broken pipe at joint, from 11 to 2 o'clock		4
	<u>33.00</u>	Connection intruding, at 3 o'clock, diameter 150mm, intrusion 10%	31_25A	3
	<u>33.00</u> F01	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, End Remarks: HEAVY FOUL POLLUTION THROUGHOUT		3
	<u>33.00</u> F04	Roots, fine at joint, End		2
	<u>33.00</u>	Survey abandoned Remarks: UNABLE TO PASS INTRUDING CONNECTION		0
	<u>33.00</u>	General photograph taken at this point Remarks: TRACED & MARKED 0.66 DEEP	31_29A	0

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
5	100	38.64	1275	4	4	4	2.15	71	3

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 31	PLR Suffix : X
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Photo: DSC02165.JPG, 00:00:04
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 32_32_341_A.jpg, 00:00:04
 0m, Attached deposits, grease, from 7 to 5 o'clock, 5%
 cross-sectional area loss, Start Remarks: HEAVY FOUL
 POLLUTION THROUGHOUT



Photo: 32_32_346_A.jpg, 00:02:10
 14m, Deformed sewer/drain, 10%, Start



Photo: 32_32_352_A.jpg, 00:04:22
 26.4m, Line deviates right

Inspection Photos

Place :	Road :	Date :	Section number :	PLR Suffix :
BLAISDON, LONGHOPE	BLAISDON VILLAGE ROAD	11/08/2015	31	X



Photo: 32_32_356_A.jpg, 00:04:57
 28.5m, Line deviates left



Photo: 32_32_362_A.jpg, 00:06:03
 33m, Connection intruding, at 3 o'clock, diameter 150mm, intrusion 10%



Photo: IMG_5046.JPG, 00:06:03
 33m, General photograph taken at this point Remarks:
 TRACED & MARKED 0.66 DEEP



SUBTEK Ltd
 19 Wedderburn Road, Malvern
 Worcestershire, WR14 2DF
 Tel: 01684 572244
 Website: www.subtek.co.uk
 Email: enquiries@subtek.co.uk

Inspection Report

Date : 11/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 32	PLR SUFFIX: X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	

Place : Road : Location Inspection	BLAISDON, LONGHOPE BLAISDON VILLAGE ROAD Fields 01G (D/S) D/S	Location details: OUTSIDE BLAISDON HOUSE Pipe Length 1.00 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	01G 0.55 D/S
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Use: Surface water	Pipe shape : Circular
Year laid :	Pipe size : 225 mm
Purpose : Investigation of operational problem	Pipe material : Vitrified clay
Total length : 400.00 m	Lining :

Comment : **TOTAL LENGTH IS APPROX**

1:198 Position Depth: 0.55	Observation	Photo	Grade
	Start node type, manhole, reference number : 01G Remarks: TRACED & EXPOSED MH01G	32_1A	0
0.00	Water level, 05% of the vertical dimension		0
0.00 S01	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, Start Remarks: HEAVY FOUL POLLUTION THROUGHOUT		3
0.00	General photograph taken at this point Remarks: LOCATION PHOTO	32_4A	0
0.00	General remark Remarks: ROOT CUTTING COMPLETE FOR FIRST 30MTS		0
0.40 S02	Roots, fine at joint, Start	32_4A	2
5.30	Joint displaced, medium	32_6A	1
6.30	Crack, circumferential at joint, from 11 to 12 o'clock		2
8.40	Joint displaced, medium		1
10.20	Crack, longitudinal, at 12 o'clock		2
11.10	Hole in drain/sewer, from 10 to 2 o'clock Remarks: LARGE HOLE	32_10A	5
13.20	Joint displaced, medium		1
17.00	Fracture, multiple, from 12 to 12 o'clock	32_12A	4
17.40 S03	Joint displaced, medium, Start		1
19.30	Hole in drain/sewer, from 10 to 3 o'clock Remarks: LARGE HOLE	32_14A	5



Inspection Report

Date : 11/08/2015	Job number : 3076		Operator : JASON GIBBS	Section number : 32	PLR : X
Weather no rain or snow	Vehicle : BD63	Camera : IPEK 2	Preset :	Cleaned : yes	Grade:

1:198	Position	Observation	Photo	Grade
	19.80	Fracture, multiple, from 12 to 12 o'clock		4
	28.80	Crack, longitudinal, at 12 o'clock		2
	30.00 S05	Roots, mass at joint, 10% cross-sectional area loss, Start	32_17A	3
	30.00 F02	Roots, fine at joint, End		2
	30.20	Crack, longitudinal, at 12 o'clock		2
	31.20 S04	Crack, longitudinal, at 12 o'clock, Start		2
	34.00 F04	Crack, longitudinal, at 12 o'clock, End		2
	41.00	Line deviates left Remarks: SLIGHT		0
	51.00 F01	Attached deposits, grease, from 7 to 5 o'clock, 5% cross-sectional area loss, End Remarks: HEAVY FOUL POLLUTION THROUGHOUT		3
	51.00 F03	Joint displaced, medium, End		1
	51.00 F05	Roots, mass at joint, 10% cross-sectional area loss, End		3
	51.00	Survey abandoned Remarks: UNABLE TO CONTINUE DUE TO TRACTION/GREASE	32_27A	0
	51.00	General photograph taken at this point Remarks: DYE TEST TO OUTFALL AT 400MTS APPROX	32_28A	0

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 32	PLR Suffix : X
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Photo: DSC02162.JPG
 0m, Start node type, manhole, reference number : 01G
 Remarks: TRACED & EXPOSED MH01G



Photo: DSC02163.JPG, 00:00:06
 0m, General photograph taken at this point Remarks:
 LOCATION PHOTO



Photo: 33_33_369_A.jpg, 00:00:06
 0.4m, Roots, fine at joint, Start



Photo: 33_33_371_A.jpg, 00:00:57
 5.3m, Joint displaced, medium

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 32	PLR Suffix : X
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Photo: 33_33_375_A.jpg, 00:01:45
 11.1m, Hole in drain/sewer, from 10 to 2 o'clock Remarks:
 LARGE HOLE



Photo: 33_33_377_A.jpg, 00:02:57
 17m, Fracture, multiple, from 12 to 12 o'clock



Photo: 33_33_379_A.jpg, 00:03:22
 19.3m, Hole in drain/sewer, from 10 to 3 o'clock Remarks:
 LARGE HOLE



Photo: 33_33_385_A.jpg, 00:08:44
 30m, Roots, mass at joint, 10% cross-sectional area loss, Start

Inspection Photos

Place : BLAISDON, LONGHOPE	Road : BLAISDON VILLAGE ROAD	Date : 11/08/2015	Section number : 32	PLR Suffix : X
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Photo: 33_33_392_A.jpg, 00:11:39
51m, Survey abandoned Remarks: UNABLE TO CONTINUE
DUE TO TRACTION/GREASE



Photo: DSC02168.JPG, 00:11:39
51m, General photograph taken at this point Remarks: DYE
TEST TO OUTFALL AT 400MTS APPROX