

Jubilee Hall Station Road Anstey Leicestershire LE7 7AY

15/07/2021

Job Number: 9675





# Project Information

TBL Survey Ltd
Delvin Brae
Amisfield
Dumfries
Dumfriesshire
DG1 3LH

Job Number <b>9675</b>	Surveyed by (Operator) <b>L Butler &amp; R Rosindell</b>	Base Unit A7S6ICKJXY	Date <b>15/07/2021</b>
Client Details:		•	
Anstey Parish Council			
Site Details:			
Jubilee Hall Station Road			
Anstey Leicestershire			
LE7 7AY			
Contractor Details:			
TBL Survey Ltd Delvin Brae		Office Contact Number: 07968	993 001
Amisfield Dumfries			
Dumfriesshire DG1 3LH			
Purpose of Survey:			



### Contents Page

TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Job Number	Surveyed by (Operator)  L Butler & R Rosindell	Base Unit	Date
<b>9675</b>		A7S6ICKJXY	<b>15/07/2021</b>
3013		Arouokuki	

#### **Report Contents**

Page 1	Cover Page
Page 2	Job Overview
Page 3	Contents Page
Page 5	Grade Defect Descriptions
Page 6	Survey Run Sheet(Survey 1 - MH1 to A)
Page 8	Survey Run Sheet(Survey 2 - IC2 to MH1)
Page 10	Survey Run Sheet(Survey 3 - IC2 to SP1)
Page 12	Survey Run Sheet(Survey 4 - IC2 to IC3)
Page 14	Survey Run Sheet(Survey 5 - IC3 to SP2)
Page 16	Survey Run Sheet(Survey 6 - IC3 to SP3)
Page 18	Survey Run Sheet(Survey 7 - IC3 to IC4)
Page 21	Survey Run Sheet(Survey 8 - IC4 to SP4)
Page 23	Survey Run Sheet(Survey 9 - IC4 to SP5)
Page 25	Survey Run Sheet(Survey 10 - IC4 to SP6)
Page 27	Survey Run Sheet(Survey 11 - MH1 to MH4)
Page 29	Survey Run Sheet(Survey 12 - IC6 to RWP1)
Page 31	Survey Run Sheet(Survey 13 - IC6 to IC7)
Page 33	Survey Run Sheet(Survey 14 - IC6 to C)



### Contents Page

TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Job Number	Surveyed by (Operator)  L Butler & R Rosindell	Base Unit	Date
<b>9675</b>		A7S6ICKJXY	<b>15/07/2021</b>
9675		A7S6ICKJXY	15/07/2021

#### **Report Contents**

Page 35	Survey Run Sheet(Survey 15 - IC8 to D)
Page 37	Survey Run Sheet(Survey 16 - IC8 to E)
Page 39	Survey Run Sheet(Survey 17 - IC8 to F)
Page 41	Survey Run Sheet(Survey 18 - IC9 to IC10)
Page 43	Survey Run Sheet(Survey 19 - IC10 to RWP2)
Page 45	Survey Run Sheet(Survey 20 - IC10 to G)
Page 47	Survey Run Sheet(Survey 21 - IC7 to RWP3)
Page 49	Survey Run Sheet(Survey 22 - IC11 to H)
Page 51	Defect Summary
Page 53	Job Summary



#### **Defect Grade Descriptions**

TBL Survey Ltd
Delvin Brae
Amisfield
Dumfries
Dumfriesshire
DG1 31 H

Rebuilding Stability Since 1948	Defect Grade Descriptions					
Job Number <b>9675</b>	Surveyed by (Operator)  L Butler & R Rosindell	Base Unit A7S6ICKJXY	Date 15/07/2021			
1: Occurences without damage. For example, laterals, joints,etc.						
NO DEFECTS WERE DE	TECTED.					
O. Constructional deficienci			duo illo ou ototio inuo o illo			
	es or occurences with insignifica torched intakes, minor deformat					
REHABILITATION CAN E	BE SCHEDULED LONG-TERM.					
	es diminishing static, hydraulic a as calcite build ups, protruding l walls etc.					
REHABILITATION IS NE	CESSARY MEDIUM-TERM WIT	HIN 3 TO 5 YEARS.				
4.0	the transfer of the section of	Land Para and Calabara and Terrandon	Manager at a few arts and a			
	with insufficent static safety, hydeable infiltration/exfiltration, cavision of pipe wall etc.					
	CEDURE IS URGENT AND HAS GENCY OPERATIONS HAS TO		IIN 1 TO 2 YEARS.			
	ortly be impermeable: Eg. collap ater or danger of backwater in ba		or other drainage			
	GENT AND SHORT-TERM. IN ( ARY SPOT REPAIR HAS TO BE					



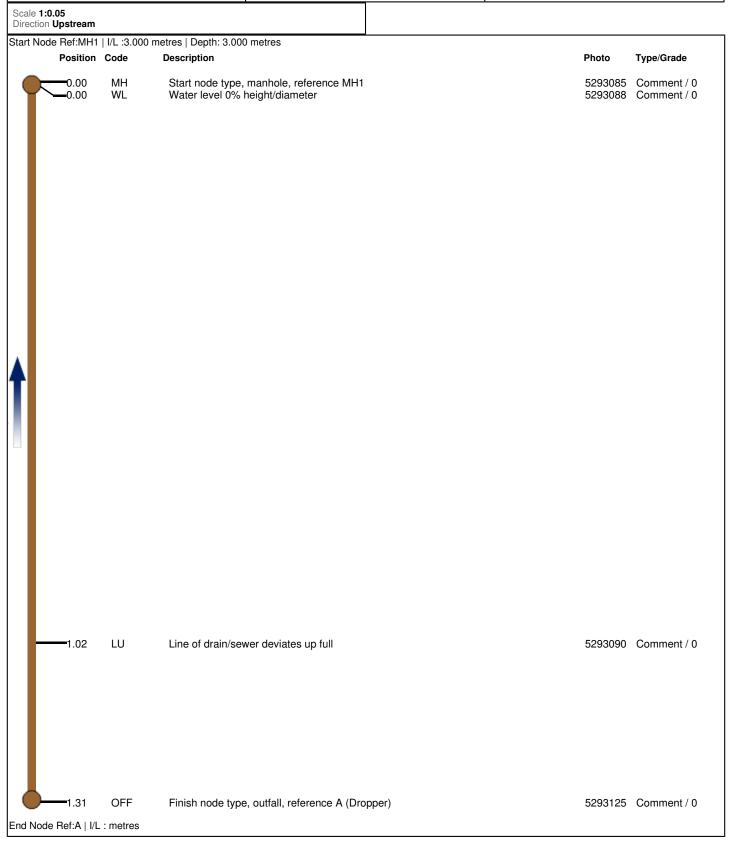
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR)	Date <b>15/07/2021</b>	Pre Cleaned <b>Not Cleaned</b>
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 1

Road Jubilee Hall
Place Station Road
Location Anstey

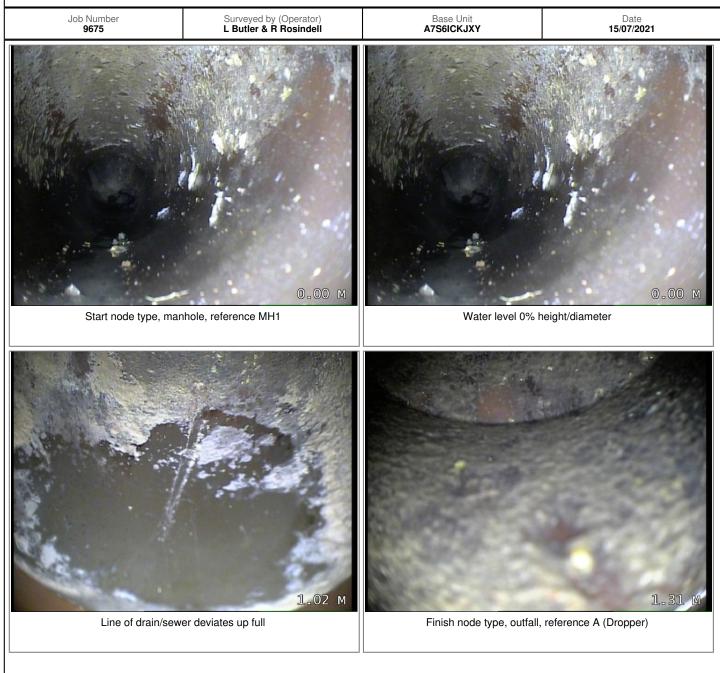
Division
District
Location Details

Purpose Shape/Size 150mm Start Node MH1
Duty Foul Attended Polyvinyl chloride Category Start Node MH1
End Node A
Total length 1.31 metres





Delvin Brae Amisfield Dumfries Dumfriesshire





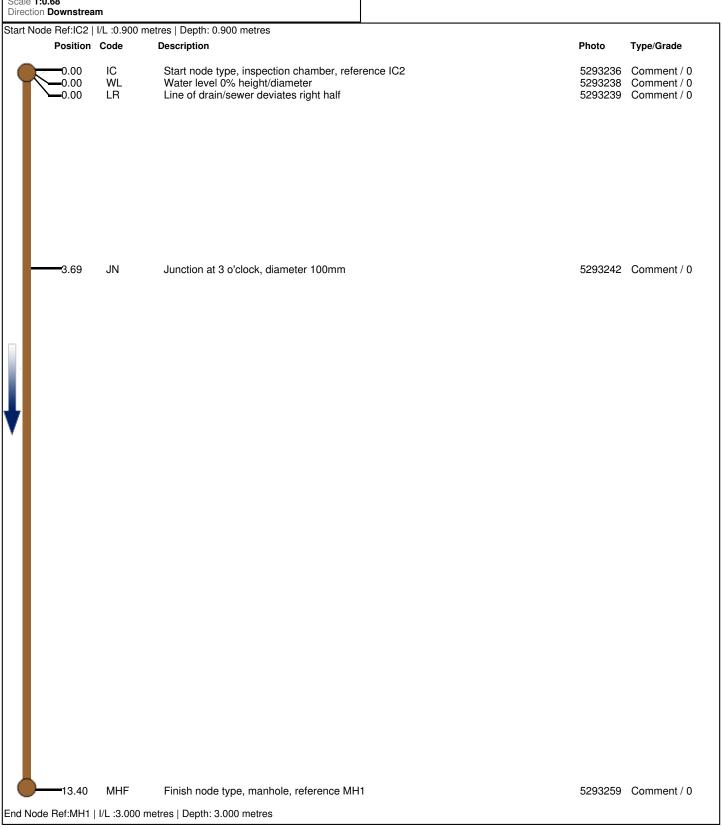
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR)  IC2 X	Date <b>15/07/2021</b>	Pre Cleaned <b>Not Cleaned</b>
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 2

Road Jubilee Hall Place Station Road Division District Location Details Location Anstey

Purpose Duty **Foul** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC2 End Node MH1
Total length 13.4 metres

Scale 1:0.68





TBL Survey Ltc Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Date 15/07/2021 Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, inspection chamber, reference IC2 Water level 0% height/diameter 0.00 M Line of drain/sewer deviates right half Junction at 3 o'clock, diameter 100mm 13.40 M Finish node type, manhole, reference MH1



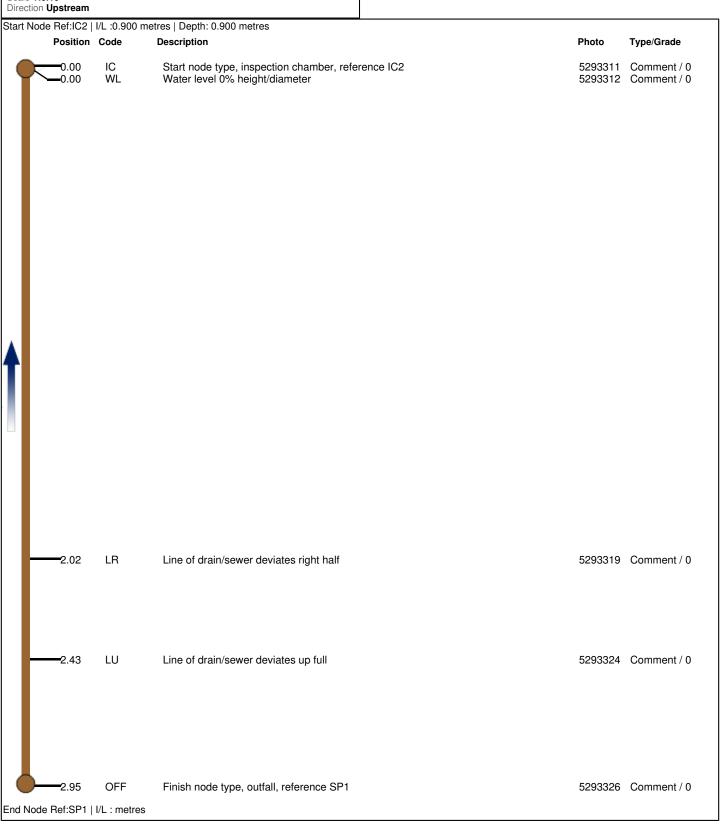
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) SP1 X	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 3

Road Jubilee Hall Place Station Road Location Anstey Division District Location Details

Purpose Duty **Foul** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC2 End Node SP1 Total length 2.95 metres

Scale 1:0.10 Direction Upstream





TBL Survey Ltc Delvin Brae Amisfield Dumfries Dumfriesshire

Date 15/07/2021 Job Number **9675** Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, inspection chamber, reference IC2 Water level 0% height/diameter 2.02 M 2.43 M Line of drain/sewer deviates right half Line of drain/sewer deviates up full 2.95 M Finish node type, outfall, reference SP1



TBL Survey Ltd
Delvin Brae
Amisfield
Dumfries
Dumfriesshire
DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR)  IC3 X	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 4

Road Jubilee Hall
Place Station Road
Location Anstey

Division
District
Location Details

Purpose
Duty Foul
Catchment

Shape/Size 100mm
Material Polyvinyl chloride
Category

Start Node IC2
End Node IC3
Total length 3.83 metres

Scale 1 Direction	1:0.16 on Upstream				
Start No	ode Ref:IC2   Position		metres   Depth: 0.900 metres	Photo	Tuno/Crodo
9	0.00 0.00 0.00	IC WL LL	Description  Start node type, inspection chamber, reference IC2  Water level 10% height/diameter  Line of drain/sewer deviates left half	5293342 5293343	Type/Grade  Comment / 0  Comment / 0  Comment / 0
<u></u>	1.31	WL	Water level 25% height/diameter	5293352	Comment / 0
_	2.71	WL	Water level 0% height/diameter	5293354	Comment / 0
End No	3.83 ode Ref:IC3   I	ICF /L : metre	Finish node type, inspection chamber, reference IC3	5293356	Comment / 0



Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Surveyed by (Operator) L Butler & R Rosindell Date 15/07/2021 Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, inspection chamber, reference IC2 Water level 10% height/diameter 0.00 M 1.31 M Line of drain/sewer deviates left half Water level 25% height/diameter 2.71 M 3.83 M Water level 0% height/diameter Finish node type, inspection chamber, reference IC3



TBL Survey Ltd
Delvin Brae
Amisfield
Dumfries
Dumfriesshire
DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) SP2 X	Date <b>15/07/2021</b>	Pre Cleaned <b>Not Cleaned</b>
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number <b>5</b>

Road Jubilee Hall
Place Station Road
Location Anstey

Division
District
Location Details

Purpose Shape/Size 100mm Start Node IC3 End Node SP2 Total length 2.52 metres

Scale 1:0.10 Direction Upstream				
Start Node Ref:IC3   I/L :0.800 m				
Position Code	Description		Photo	Type/Grade
0.00 IC 0.00 WL 0.00 LL	Start node type, inspection chamber, refer Water level 0% height/diameter Line of drain/sewer deviates left half	rence IC3	5293396 5293397 5293398	Comment / 0 Comment / 0 Comment / 0
1.81 LL	Line of drain/sewer deviates left half		5293401	Comment / 0
2.26 LU	Line of drain/sewer deviates up full		5293403	Comment / 0
2.52 OFF End Node Ref:SP2   I/L : metres	Finish node type, outfall, reference SP2		5293411	Comment / 0



BL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Date 15/07/2021 Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, inspection chamber, reference IC3 Water level 0% height/diameter 0.00 M Line of drain/sewer deviates left half Line of drain/sewer deviates left half 2.52 M Line of drain/sewer deviates up full Finish node type, outfall, reference SP2



TBL Survey Ltd
Delvin Brae
Amisfield
Dumfries
Dumfriesshire
DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
	<b>9675</b>	SP3 X	<b>15/07/2021</b>	Not Cleaned
Weather <b>1 - Dry</b>	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 6

Road **Jubilee Hall** Place **Station Road** Location **Anstey** Division District Location Details

Purpose Duty **Foul** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC3 End Node SP3 Total length 6 metres

t Node Ref:IC3	I/L : metres	Depth: 0.800 metres		
Position		Description	Photo	Type/Grade
0.00 0.00 0.00	IC WL LL	Start node type, inspection chamber, reference IC3 Water level 0% height/diameter Line of drain/sewer deviates left quarter	5293414 5293415 5293420	Comment / 0 Comment / 0 Comment / 0
2.17	JN	Junction at 3 o'clock, diameter 100mm	5293424	Comment / 0
5.57	LU	Line of drain/sewer deviates up full	5293425	Comment / 0
	OFF	Finish node type, outfall, reference SP3	5293427	



Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Date 15/07/2021 Base Unit A7S6ICKJXY Surveyed by (Operator) L Butler & R Rosindell 0.00 M 0.00 M Start node type, inspection chamber, reference IC3 Water level 0% height/diameter 0.00 M 2.17 M Line of drain/sewer deviates left quarter Junction at 3 o'clock, diameter 100mm 6.05 M Finish node type, outfall, reference SP3 Line of drain/sewer deviates up full



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

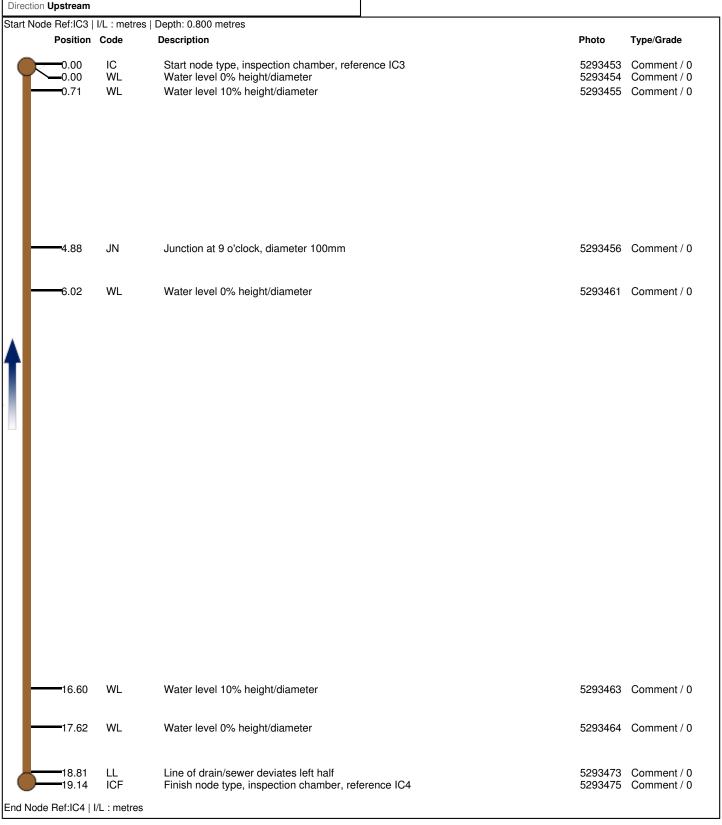
Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR)  IC4 X	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number <b>7</b>

Road Jubilee Hall Place Station Road Division District Location Anstey Location Details

Shape/Size 100mm Material Polyvinyl chloride Category Purpose Start Node IC3 Duty Foul Catchment End Node IC4 Total length 19.14 metres

Scale 1:1.00

Direction Upstream





TBL Survey Ltc Delvin Brae Amisfield Dumfries Dumfriessbire

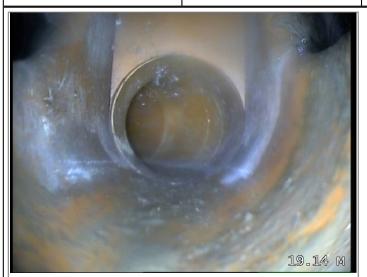
Job Number 9675 Date 15/07/2021 Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 4.88 M Start node type, inspection chamber, reference IC3, Water level 0% height/diameter, Water level 10% height/diameter Junction at 9 o'clock, diameter 100mm 6.05 M 16.60 M Water level 0% height/diameter Water level 10% height/diameter 18.81 M 17.62 M Water level 0% height/diameter Line of drain/sewer deviates left half



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire

 Job Number
 Surveyed by (Operator)
 Base Unit
 Date

 9675
 L Butler & R Rosindell
 A7S6ICKJXY
 15/07/2021



Finish node type, inspection chamber, reference IC4



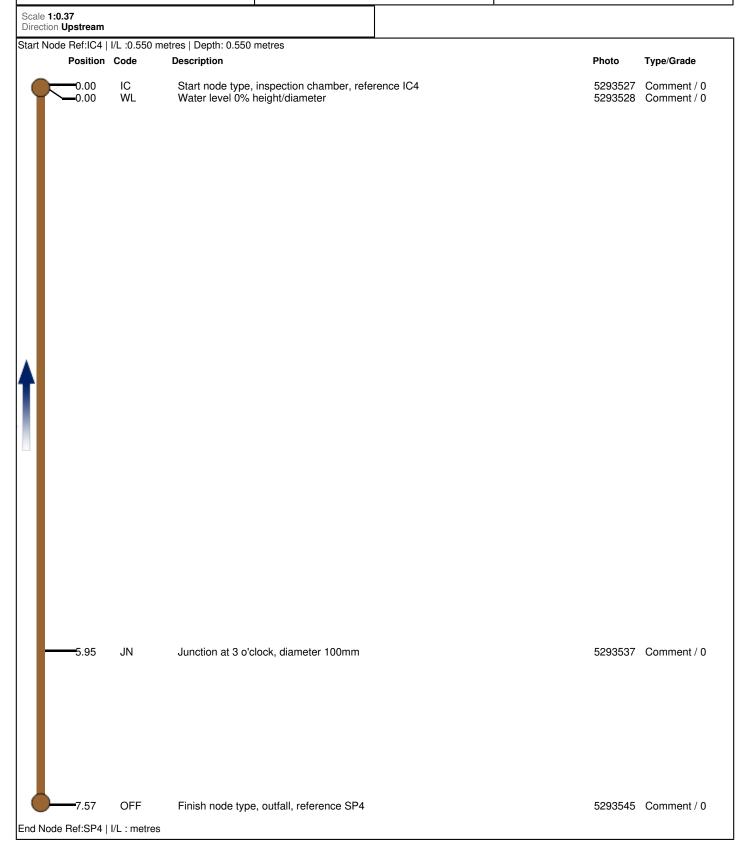
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
	<b>9675</b>	SP4 X	<b>15/07/2021</b>	Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 8

Road Jubilee Hall
Place Station Road
Location Anstey

Division
District
Location Details

Purpose Shape/Size 100mm Start Node IC4 End Node SP4 Total length 7.57 metres





Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Date 15/07/2021 Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 M Start node type, inspection chamber, reference IC4 Water level 0% height/diameter Junction at 3 o'clock, diameter 100mm Finish node type, outfall, reference SP4



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

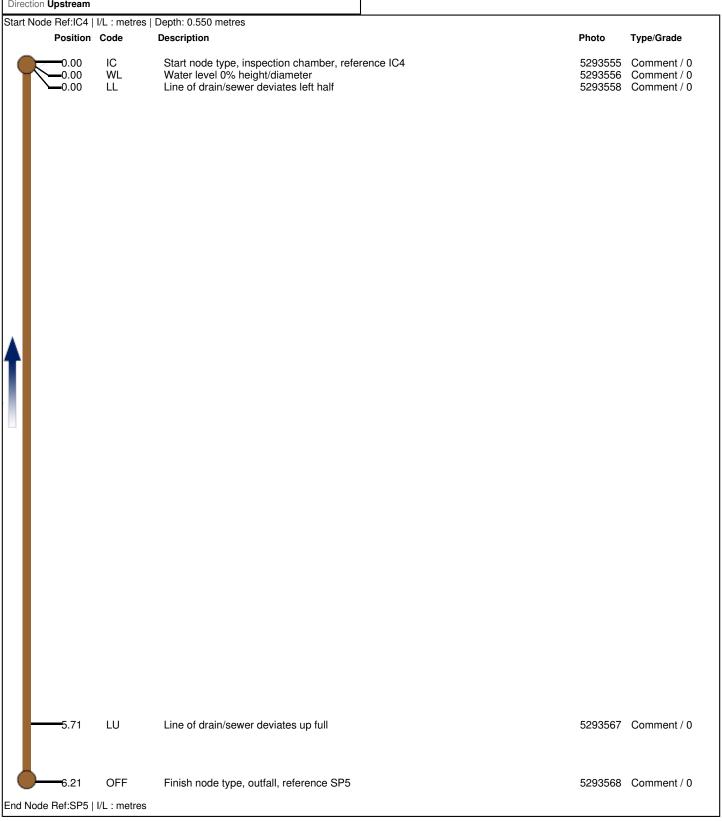
Surveyed by (Operator)  L Butler & R Rosindell	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
	<b>9675</b>	SP5 X	<b>15/07/2021</b>	<b>Not Cleaned</b>
Weather <b>1 - Dry</b>	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 9

Road Jubilee Hall
Place Station Road
Location Anstey

Division
District
Location Details

Purpose Shape/Size 100mm Start Node IC4 End Node SP5 Total length 6.21 metres

Scale 1:0.31
Direction Upstream





Delvin Brae Amisfield Dumfries Dumfriesshire

Surveyed by (Operator) L Butler & R Rosindell Date 15/07/2021 Job Number **9675** Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, inspection chamber, reference IC4 Water level 0% height/diameter 0.00 M Line of drain/sewer deviates up full Line of drain/sewer deviates left half Finish node type, outfall, reference SP5



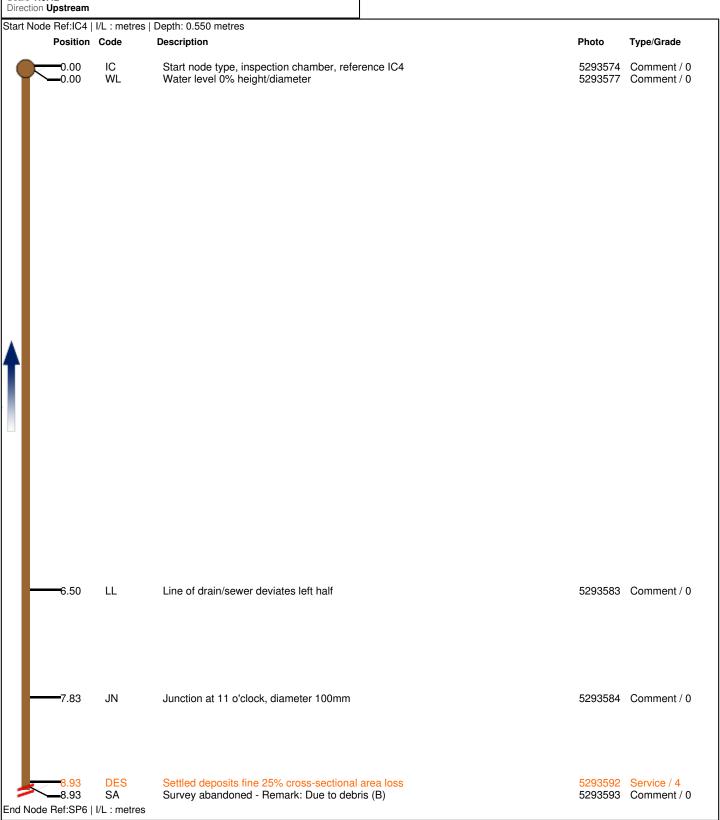
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
	<b>9675</b>	SP6 X	<b>15/07/2021</b>	Not Cleaned
Weather <b>1 - Dry</b>	Customer Present	Service Grade/Structural Grade 4/0	Base Unit A7S6ICKJXY	Section Number 10

Road Jubilee Hall Place Station Road Division District Location Details Location Anstey

Purpose Duty **Foul** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC4 End Node SP6 Total length 8.93 metres

Scale 1:0.42





BL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Date 15/07/2021 Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 Start node type, inspection chamber, reference IC4 Water level 0% height/diameter 6.50 M 7.83 M Line of drain/sewer deviates left half Junction at 11 o'clock, diameter 100mm 8.93 M 8.93 M Settled deposits fine 25% cross-sectional area loss Survey abandoned - Remark: Due to debris (B)



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

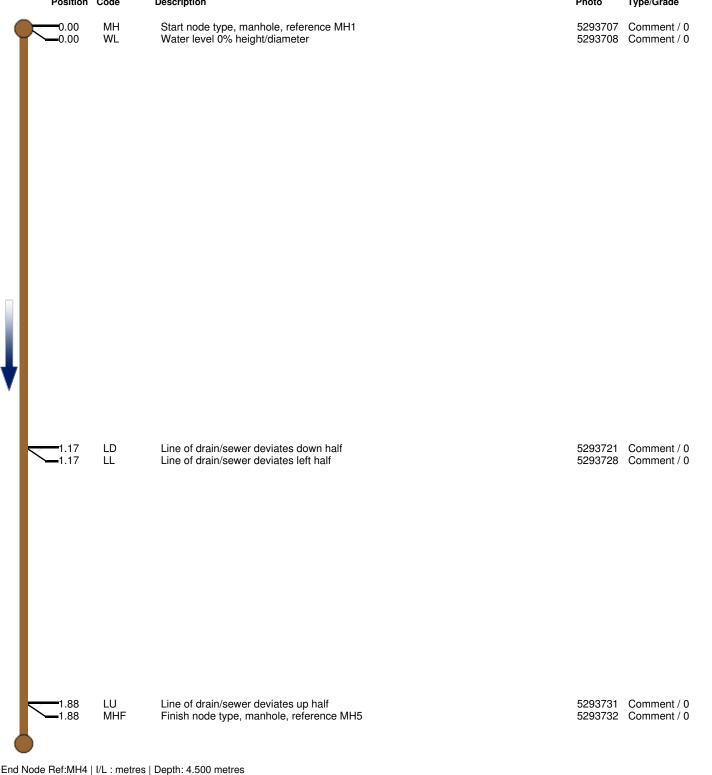
Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR)  MH1 X	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 11

Road Jubilee Hall Place Station Road Division District Location Details Location Anstey

Purpose Duty **Foul** Catchment Shape/Size 150mm Material **Polyvinyl chloride** Category Start Node MH1 End Node MH4
Total length 2 metres

Scale 1:0.10 Direction Downstream

Start Node Ref:MH1 | I/L : metres | Depth: 3.000 metres Position Code Description Photo Type/Grade





BL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire

Date 15/07/2021 Job Number **9675** Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, manhole, reference MH1 Water level 0% height/diameter Line of drain/sewer deviates down half Line of drain/sewer deviates left half 1.88 M Line of drain/sewer deviates up half Finish node type, manhole, reference MH5



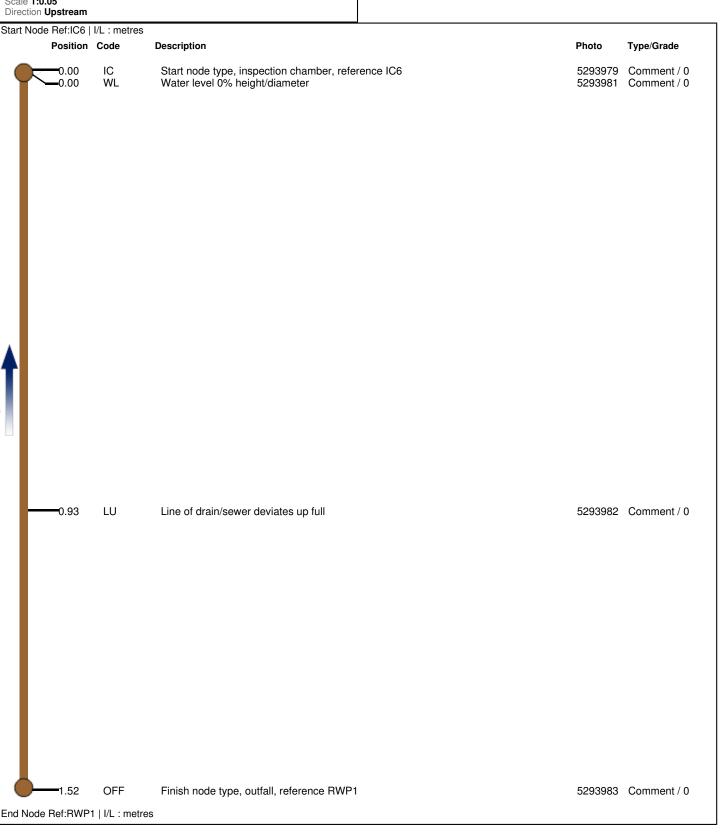
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) <b>RWP1 X</b>	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 12

Road Jubilee Hall Place Station Road Location Anstey Division District Location Details

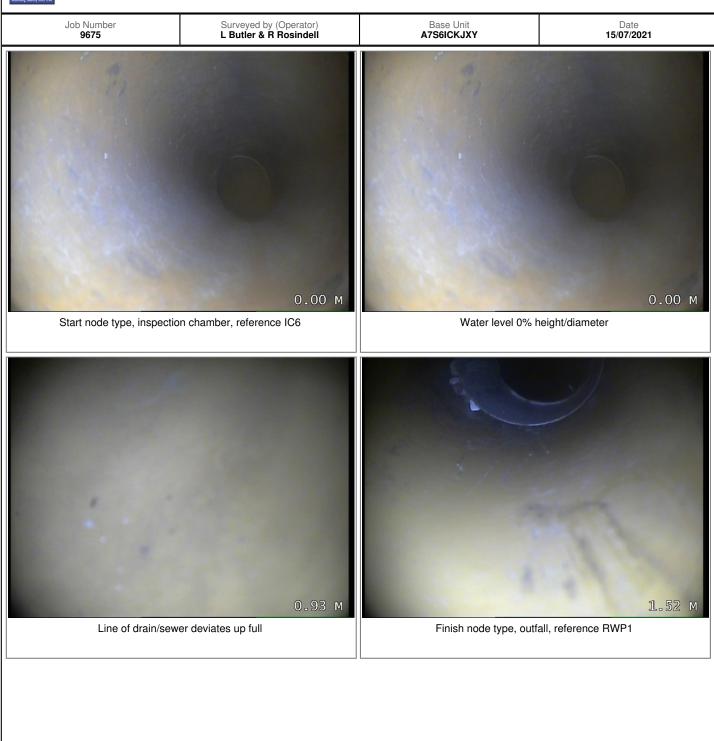
Purpose Duty **Surface water** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC6 End Node RWP1 Total length 1.52 metres

Scale 1:0.05





BL Survey Ltd
Delvin Brae
Amisfield
Dumfries
Dumfriesshire





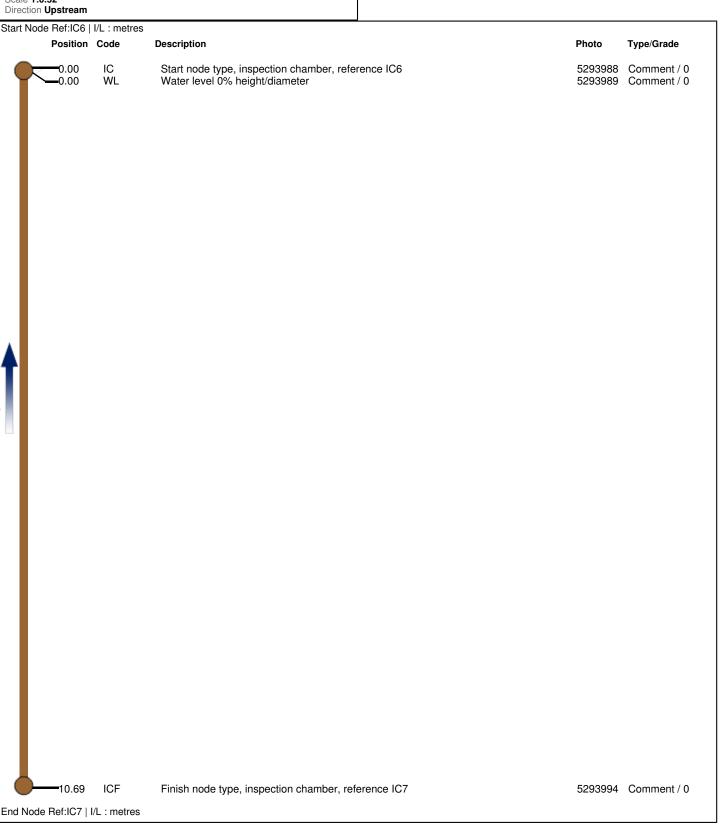
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR)	Date <b>15/07/2021</b>	Pre Cleaned <b>Not Cleaned</b>
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 13
			·	

Road Jubilee Hall Place Station Road Location Anstey Division District Location Details

Purpose Duty **Surface water** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC6 End Node IC7 Total length 10.69 metres

Scale 1:0.52





BL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number Surveyed by (Operator) Base Unit Date
9675 L Butler & R Rosindell A7S6ICKJXY 15/07/2021



Start node type, inspection chamber, reference IC6



Water level 0% height/diameter



Finish node type, inspection chamber, reference IC7



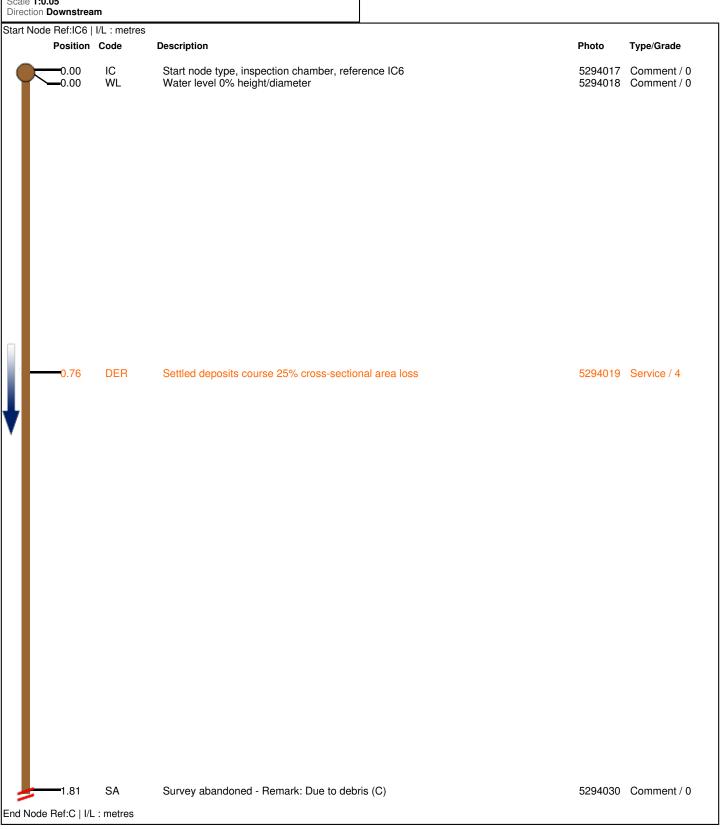
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) IC6	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 4/0	Base Unit <b>A7S6ICKJXY</b>	Section Number 14

Road Jubilee Hall Place Station Road Division District Location Details Location Anstey

Purpose Duty **Surface water** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC6 End Node C
Total length 1.81 metres

Scale 1:0.05





Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Date 15/07/2021 Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, inspection chamber, reference IC6 Water level 0% height/diameter 1.81 M 0.74 M Survey abandoned - Remark: Due to debris (C) Settled deposits course 25% cross-sectional area loss



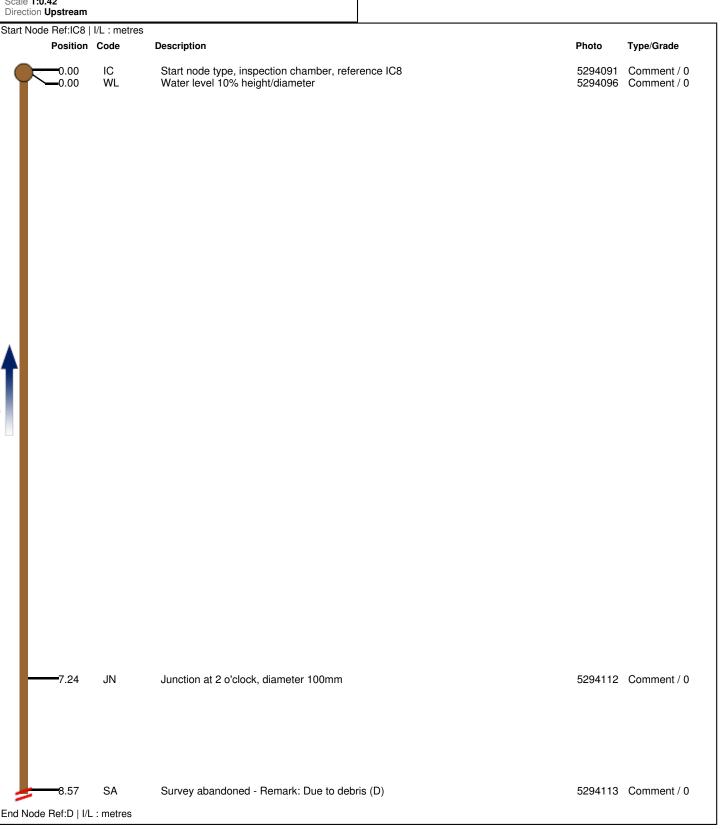
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) <b>D</b>	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 15

Road Jubilee Hall Place Station Road Location Anstey Division District Location Details

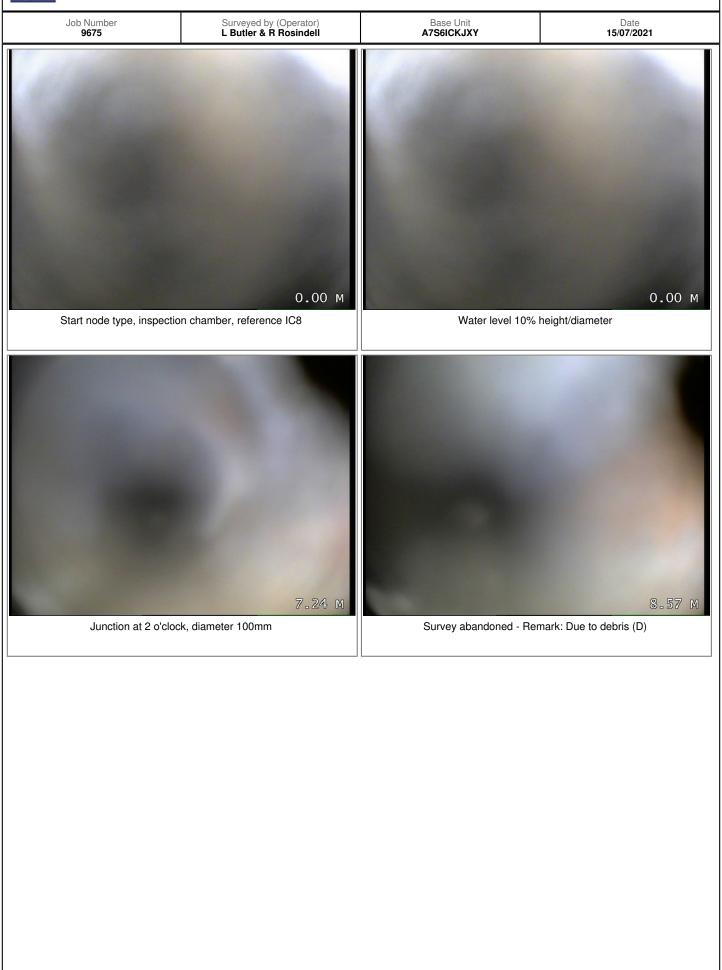
Purpose Duty **Surface water** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC8 End Node **D**Total length **8.57 metres** 

Scale 1:0.42





Delvin Brae Amisfield Dumfries Dumfriesshire





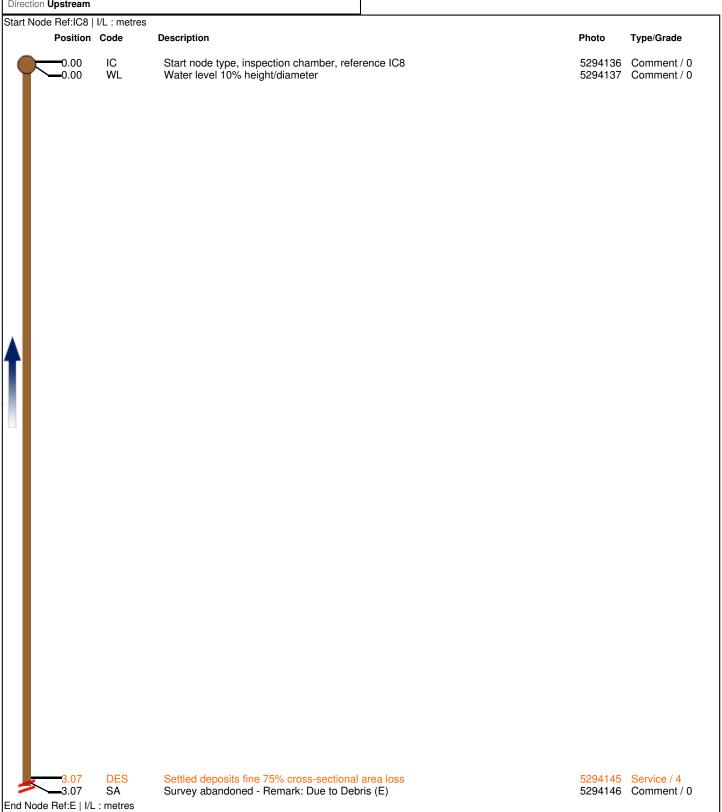
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell  Job Number 9675		Pipe Length Reference(PLR)	Date <b>15/07/2021</b>	Pre Cleaned <b>Not Cleaned</b>
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 4/0	Base Unit A7S6ICKJXY	Section Number 16
Road Jubilee Hall		Division		

Road Jubilee Hall
Place Station Road
District
Location Anstey
Location Details

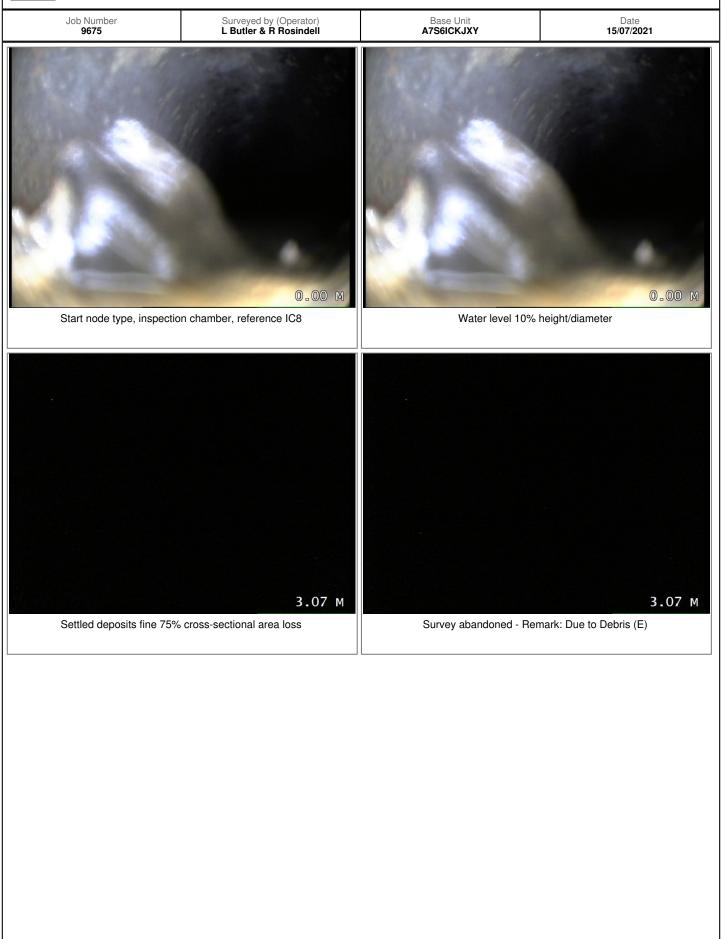
Purpose Shape/Size 100mm Start Node IC8
Duty Surface water Catchment Start Node IC8
Category Start Node IC8
End Node E
Total length 3.07 metres

Scale 1:0.16
Direction Upstream





BL Survey Ltd
Delvin Brae
Amisfield
Dumfries
Dumfriessbire





TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) IC8	Date <b>15/07/2021</b>	Pre Cleaned <b>Not Cleaned</b>
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 4/0	Base Unit A7S6ICKJXY	Section Number 17

Road Jubilee Hall
Place Station Road
Location Anstey

Division
District
Location Details

Purpose Shape/Size 100mm Start Node IC8
Duty Surface water Material Polyvinyl chloride Catchment Category Start Node IC8
End Node F
Total length 5.93 metres

Scale 1:0.26 Direction Downstream Start Node Ref:IC8 | I/L: metres Position Code Description Photo Type/Grade IC Start node type, inspection chamber, reference IC8 5294182 Comment / 0 0.00  $\mathsf{WL}$ 0.00 Water level 0% height/diameter 5294183 Comment / 0 DES Settled deposits fine 50% cross-sectional area loss 5294187 Service / 4 5.93 SA Survey abandoned, Remark: Due to Debris (F) 5294194 Comment / 0 End Node Ref:F | I/L : metres



BL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number <b>9675</b>	Surveyed by (Operator)  L Butler & R Rosindell	Base Unit A7S6ICKJXY	Date 15/07/2021
Start node type, inspecti	O.00 M on chamber, reference IC8	Water level 0% he	0.00 M
Settled deposits fine 50°	0.00 M % cross-sectional area loss	Survey abandoned, Rema	5.93 M ark: Due to Debris (F)



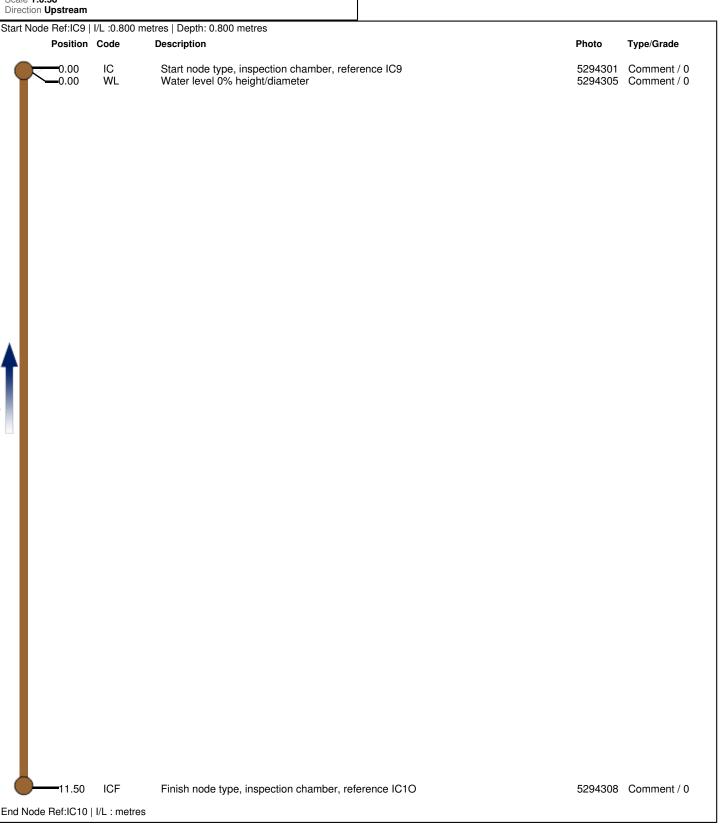
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) IC10 X	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather <b>1 - Dry</b>	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 18

Road Jubilee Hall Place Station Road Location Anstey Division District Location Details

Purpose Duty **Surface water** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC9 End Node IC10 Total length 11.5 metres

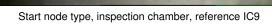
Scale 1:0.58





Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675 Surveyed by (Operator) Base Unit A7S6ICKJXY 15/07/2021







Finish node type, inspection chamber, reference IC1O



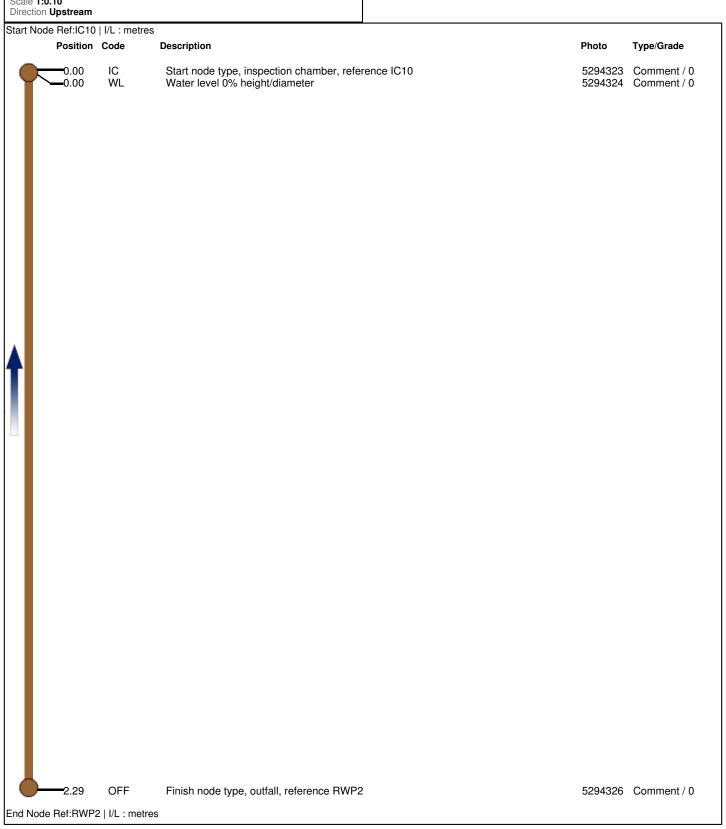
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) <b>RWP2</b>	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade <b>0/0</b>	Base Unit <b>A7S6ICKJXY</b>	Section Number 19

Road Jubilee Hall Place Station Road Location Anstey Division District Location Details

Purpose Duty **Surface water** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC10 End Node RWP2 Total length 2.29 metres

Scale 1:0.10 Direction Upstream





Date 15/07/2021 Job Number **9675** Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY

0.00

Start node type, inspection chamber, reference IC10



Water level 0% height/diameter



Finish node type, outfall, reference RWP2



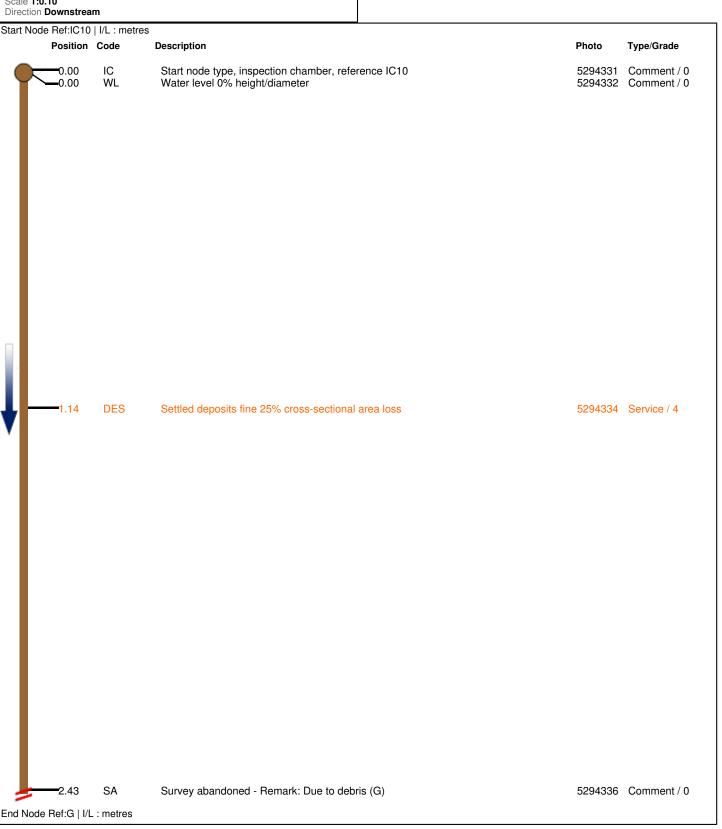
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR)  IC10 X	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 4/0	Base Unit A7S6ICKJXY	Section Number 20

Road Jubilee Hall Place Station Road Division District Location Details Location Anstey

Purpose Duty **Surface water** Catchment Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC10 End Node **G**Total length **2.43 metres** 

Scale 1:0.10





Delvin Brae Amisfield Dumfries Dumfriesshire

Date 15/07/2021 Job Number **9675** Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY 0.00 M 0.00 M Start node type, inspection chamber, reference IC10 Water level 0% height/diameter 2.40 M Survey abandoned - Remark: Due to debris (G) Settled deposits fine 25% cross-sectional area loss



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) <b>RWP3 X</b>	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit A7S6ICKJXY	Section Number 21

Road Jubilee Hall
Place Station Road
Location Anstey

Division
District
Location Details

Purpose Shape/Size 100mm Start Node IC7
Duty Surface water Material Polyvinyl chloride Catchment Category Start Node IC7
End Node RWP3
Total length 0.95 metres

Scale 1:0.00
Direction Upstream





TBL Survey Ltc Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number 9675

Surveyed by (Operator)
L Butler & R Rosindell

A7S6ICKJXY

Date 15/07/2021

O.00 M

Start node type, inspection chamber, reference IC7

Water level 0% height/diameter





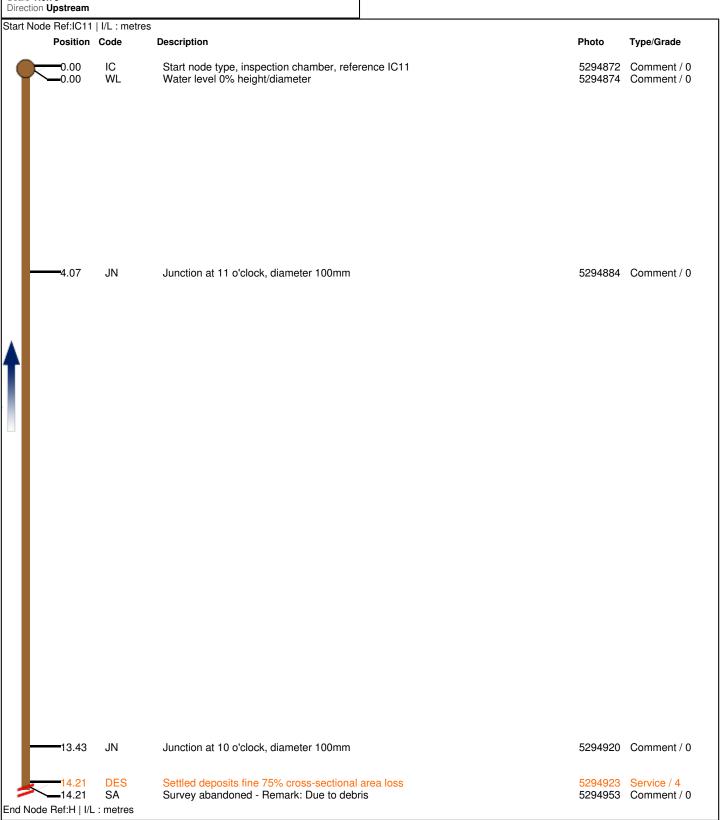
TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Surveyed by (Operator)  L Butler & R Rosindell	Job Number <b>9675</b>	Pipe Length Reference(PLR) <b>H X</b>	Date <b>15/07/2021</b>	Pre Cleaned Not Cleaned
Weather 1 - Dry	Weather Customer Present		Base Unit <b>A7S6ICKJXY</b>	Section Number 22

Road Jubilee Hall Place Station Road Division District Location Details Location Anstey

Shape/Size 100mm Material Polyvinyl chloride Category Start Node IC11 Duty Surface water Catchment End Node **H** Total length **14.21 metres** 

Scale 1:0.73





BL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire

Job Number <b>9675</b>	Surveyed by (Operator) L Butler & R Rosindell	Base Unit A7S6ICKJXY	Date <b>15/07/2021</b>
Start node type, inspection	0.00 M in chamber, reference IC11	Water level 0% h	0.00 M
	4.07 M		13.43 M
Junction at 11 o'clor	ck, diameter 100mm	Junction at 10 o'clock	s, diameter 100mm
	14.21 M		14.21 M





## Structural Defects (SRM 4)

	Job Number <b>9675</b>			Surveyed <b>L Butler</b>	l by (Operator) & R Rosindell		Base Unit A7S6ICKJXY			Date <b>15/07/2021</b>			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	ΑX	U	F	150	15/07/2021	Polyvinyl chloride	1.31 metres	1.31		0	1	0	0
2	IC2 X	D	F	100	15/07/2021	Polyvinyl chloride	13.4 metres	13.4		0	1	0	0
3	SP1 X	U	F	100	15/07/2021	Polyvinyl chloride	2.95 metres	2.95		0	1	0	0
4	IC3 X	U	F	100	15/07/2021	Polyvinyl chloride	3.83 metres	3.83		0	1	0	0
5	SP2 X	U	F	100	15/07/2021	Polyvinyl chloride	2.52 metres	2.52		0	1	0	0
6	SP3 X	U	F	100	15/07/2021	Polyvinyl chloride	6 metres	6		0	1	0	0
7	IC4 X	U	F	100	15/07/2021	Polyvinyl chloride	19.14 metres	19.14		0	1	0	0
8	SP4 X	U	F	100	15/07/2021	Polyvinyl chloride	7.57 metres	7.57		0	1	0	0
9	SP5 X	U	F	100	15/07/2021	Polyvinyl chloride	6.21 metres	6.21		0	1	0	0
10	SP6 X	U	F	100	15/07/2021	Polyvinyl chloride	8.93 metres	8.93		0	1	0	0
11	MH1 X	D	F	150	15/07/2021	Polyvinyl chloride	2 metres	1.88		0	1	0	0
12	RWP1 X	U	S	100	15/07/2021	Polyvinyl chloride	1.52 metres	1.52		0	1	0	0
13	IC7 X	U	S	100	15/07/2021	Polyvinyl chloride	10.69 metres	10.69		0	1	0	0
14	IC6	D	S	100	15/07/2021	Polyvinyl chloride	1.81 metres	1.81		0	1	0	0
15	D	U	S	100	15/07/2021	Polyvinyl chloride	8.57 metres	8.57		0	1	0	0
16	ΕX	U	S	100	15/07/2021	Polyvinyl chloride	3.07 metres	3.07		0	1	0	0
17	IC8	D	S	100	15/07/2021	Polyvinyl chloride	5.93 metres	5.93		0	1	0	0
18	IC10 X	U	s	100	15/07/2021	Polyvinyl chloride	11.5 metres	11.5		0	1	0	0
19	RWP2	U	s	100	15/07/2021	Polyvinyl chloride	2.29 metres	2.29		0	1	0	0
20	IC10 X	D	S	100	15/07/2021	Polyvinyl chloride	2.43 metres	2.43		0	1	0	0
21	RWP3 X	U	S	100	15/07/2021	Polyvinyl chloride	0.95 metres	0.95		0	1	0	0
22	нх	U	s	100	15/07/2021	Polyvinyl chloride	14.21 metres	14.21		0	1	0	0





## Service Defects (SRM 4)

Job Number <b>9675</b>					l by (Operator) & R Rosindell		Base Unit <b>A7S6ICKJXY</b>			Date <b>15/07/2021</b>			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	ΑX	U	F	150	15/07/2021	Polyvinyl chloride	1.31 metres	1.31		0	1	0	0
2	IC2 X	D	F	100	15/07/2021	Polyvinyl chloride	13.4 metres	13.4		0	1	0	0
3	SP1 X	U	F	100	15/07/2021	Polyvinyl chloride	2.95 metres	2.95		0	1	0	0
4	IC3 X	U	F	100	15/07/2021	Polyvinyl chloride	3.83 metres	3.83		0	1	0	0
5	SP2 X	U	F	100	15/07/2021	Polyvinyl chloride	2.52 metres	2.52		0	1	0	0
6	SP3 X	U	F	100	15/07/2021	Polyvinyl chloride	6 metres	6		0	1	0	0
7	IC4 X	U	F	100	15/07/2021	Polyvinyl chloride	19.14 metres	19.14		0	1	0	0
8	SP4 X	U	F	100	15/07/2021	Polyvinyl chloride	7.57 metres	7.57		0	1	0	0
9	SP5 X	U	F	100	15/07/2021	Polyvinyl chloride	6.21 metres	6.21		0	1	0	0
10	SP6 X	U	F	100	15/07/2021	Polyvinyl chloride	8.93 metres	8.93		5	4	0.56	5
11	MH1 X	D	F	150	15/07/2021	Polyvinyl chloride	2 metres	1.88		0	1	0	0
12	RWP1 X	U	S	100	15/07/2021	Polyvinyl chloride	1.52 metres	1.52		0	1	0	0
13	IC7 X	U	S	100	15/07/2021	Polyvinyl chloride	10.69 metres	10.69		0	1	0	0
14	IC6	D	S	100	15/07/2021	Polyvinyl chloride	1.81 metres	1.81		5	4	2.76	5
15	D	U	S	100	15/07/2021	Polyvinyl chloride	8.57 metres	8.57		0	1	0	0
16	ΕX	U	S	100	15/07/2021	Polyvinyl chloride	3.07 metres	3.07		8	4	2.61	8
17	IC8	D	S	100	15/07/2021	Polyvinyl chloride	5.93 metres	5.93		8	4	1.35	8
18	IC10 X	U	s	100	15/07/2021	Polyvinyl chloride	11.5 metres	11.5		0	1	0	0
19	RWP2	U	s	100	15/07/2021	Polyvinyl chloride	2.29 metres	2.29		0	1	0	0
20	IC10 X	D	S	100	15/07/2021	Polyvinyl chloride	2.43 metres	2.43		5	4	2.06	5
21	RWP3 X	U	S	100	15/07/2021	Polyvinyl chloride	0.95 metres	0.95		0	1	0	0
22	нх	U	S	100	15/07/2021	Polyvinyl chloride	14.21 metres	14.21		8	4	0.56	8



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

 Job Number
 Surveyed by (Operator)
 Base Unit
 Date

 9675
 L Butler & R Rosindell
 A7S6ICKJXY
 15/07/2021

#### Job Information

Total Distance Surveyed: 136.83 metres Engineer: L Butler & R Rosindell

Number of Surveys: 22

Number of Surveys grade 4 or above: 0

### Section 1 Overview (15/07/2021)

Manholes: MH1 to A
Pipe Length: 1.31 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 150mm

Use: Foul

### Section 2 Overview (15/07/2021)

Manholes: IC2 to MH1 Pipe Length: 13.4 metres Structural Grade: 0 Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul

### Section 3 Overview (15/07/2021)

Manholes: IC2 to SP1
Pipe Length: 2.95 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul

ose. roui

### Section 4 Overview (15/07/2021)

Manholes: IC2 to IC3 Pipe Length: 3.83 metres Structural Grade: 0 Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul

#### Section 5 Overview (15/07/2021)

Manholes: IC3 to SP2
Pipe Length: 2.52 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

Job Number 9675 Surveyed by (Operator) L Butler & R Rosindell Base Unit A7S6ICKJXY Date 15/07/2021

### Section 6 Overview (15/07/2021)

Manholes: IC3 to SP3 Pipe Length: 6 metres Structural Grade: 0 Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm

Use: Foul

### Section 7 Overview (15/07/2021)

Manholes: IC3 to IC4 Pipe Length: 19.14 metres Structural Grade: 0 Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul

### Section 8 Overview (15/07/2021)

Manholes: IC4 to SP4 Pipe Length: 7.57 metres Structural Grade: 0 Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul

### Section 9 Overview (15/07/2021)

Manholes: IC4 to SP5 Pipe Length: 6.21 metres Structural Grade: 0 Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul

### Section 10 Overview (15/07/2021)

Manholes: IC4 to SP6 Pipe Length: 8.93 metres Structural Grade: 0 Service Grade: 4

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Foul

### Section 11 Overview (15/07/2021)

Manholes: MH1 to MH4 Pipe Length: 2 metres Structural Grade: 0 Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 150mm Use: Foul



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

 Job Number
 Surveyed by (Operator)
 Base Unit
 Date

 9675
 L Butler & R Rosindell
 A7S6ICKJXY
 15/07/2021

### Section 12 Overview (15/07/2021)

Manholes: IC6 to RWP1
Pipe Length: 1.52 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water

### Section 13 Overview (15/07/2021)

Manholes: IC6 to IC7
Pipe Length: 10.69 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water

#### Section 14 Overview (15/07/2021)

Manholes: IC6 to C
Pipe Length: 1.81 metres
Structural Grade: 0
Service Grade: 4

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water

### Section 15 Overview (15/07/2021)

Manholes: IC8 to D
Pipe Length: 8.57 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water

### Section 16 Overview (15/07/2021)

Manholes: IC8 to E
Pipe Length: 3.07 metres
Structural Grade: 0
Service Grade: 4

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water

### Section 17 Overview (15/07/2021)

Manholes: IC8 to F
Pipe Length: 5.93 metres
Structural Grade: 0
Service Grade: 4

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water



TBL Survey Ltd Delvin Brae Amisfield Dumfries Dumfriesshire DG1 3LH

 Job Number
 Surveyed by (Operator)
 Base Unit
 Date

 9675
 L Butler & R Rosindell
 A7S6lCKJXY
 15/07/2021

### Section 18 Overview (15/07/2021)

Manholes: IC9 to IC10
Pipe Length: 11.5 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water

### Section 19 Overview (15/07/2021)

Manholes: IC10 to RWP2
Pipe Length: 2.29 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water

### Section 20 Overview (15/07/2021)

Manholes: IC10 to G Pipe Length: 2.43 metres Structural Grade: 0 Service Grade: 4

Material: Polyvinyl chloride

Pipe Size: **100mm** Use: **Surface water** 

### Section 21 Overview (15/07/2021)

Manholes: IC7 to RWP3
Pipe Length: 0.95 metres
Structural Grade: 0
Service Grade: 0

Material: Polyvinyl chloride

Pipe Size: **100mm** Use: **Surface water** 

### Section 22 Overview (15/07/2021)

Manholes: IC11 to H
Pipe Length: 14.21 metres
Structural Grade: 0
Service Grade: 4

Material: Polyvinyl chloride

Pipe Size: 100mm Use: Surface water